

SUPPLEMENTARY TABLES

付 録 表

FOR

RERF TR 12-80

RERF TR 5-81

LIFE SPAN STUDY REPORT 9

寿 命 調 査 第 9 報

1950 - 78

SUPPLEMENTARY TABLES

付 録 表



RADIATION EFFECTS RESEARCH FOUNDATION

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In the continued interest of accurately defining the late effects of the atomic bombs, the qualitative and quantitative characteristics of the A-bomb radiation exposure doses are periodically refined. If warranted by future dose assessments, the data reported here will be reanalyzed and subsequently reported.

原爆の後影響を引き続いて正確に究明する目的をもって、原爆放射線被曝線量の質的・量的特質について定期的に改良を加えている。今後の線量評価によってその必要性が起これば、本報の資料を再解析の上、改めて報告する。

LIFE SPAN STUDY REPORT 9

寿命調査 第9報

The RERF Life Span Study Report 9 consists of three parts and Supplementary Tables, each bound separately.

Part 1 (Technical Report 12-80) Cancer Mortality among Atomic Bomb Survivors, 1950-78. Kato H, Schull WJ. This study extends LSS Report 8 by four years from 1975 to 1978. Leukemia as a cause of death among survivors has continued to decrease. For cancer other than leukemia the increase in absolute risk has become more marked as the cohort has aged. In addition to previously demonstrated sites (lung, breast, stomach, esophagus, and urinary tract) colon cancer and multiple myeloma can now be shown to be related to exposure, but no relationship to radiation can as yet be established for malignant lymphoma and rectum, pancreas, and uterine cancer.

The time from exposure to death is shortened for leukemia depending on dose but not for other cancers, and radiation-induced cancers other than leukemia seem to develop proportionally to the natural cancer rate for the attained age. For specific age-at-death intervals, both relative and absolute risks tend to be higher for younger age-at-time-of-bomb individuals.

Part 2 (Technical Report 5-81) Mortality from Causes Other than Cancer among Atomic Bomb Survivors, 1950-78. Kato H, Brown CC, Hoel DG, Schull WJ. Deaths in the LSS sample have been determined for the 4 years from 1975 to 1978 and mortality examined for the 28 years since 1950. In this report the authors examine whether mortality from causes other than cancer is increased or whether a nonspecific acceleration of aging occurs.

Cumulative mortality from causes other than cancer, estimated by the life table method, does not increase with radiation dose in either city, in either sex, or in any of the five different age-at-time-of-bomb groups.

No specific cause of death, other than cancer, exhibits a significant relationship with atomic bomb exposure. Thus there is still no evidence of a nonspecific acceleration of aging due to radiation in this cohort.

Mortality before the LSS sample was established has been reanalyzed using three supplementary mortality surveys to determine the magnitude of the possible bias from the exclusion of deaths prior to 1950. It is unlikely that such a bias seriously affects the interpretation of the radiation effects observed in the cohort after 1950.

No excess of deaths from leukemia or other malignant tumors is observed for the early entrants in this cohort.

放射研寿命調査第9報は第1部、第2部、第3部及び付録表から成り、別々に製本した。

第1部 (TR 12-80) 原爆被爆者における癌死亡率, 1950-78年. 加藤寛夫, Schull WJ.

本調査は寿命調査第8報に1975-78年の4年間の資料を追加したものである。被爆者の死因の一つである白血病は引き続き減少している。白血病以外の癌の絶対危険度の増加は、対象集団の高齢化とともに顕著になってきている。前報で明らかにした肺癌、乳癌、胃癌、食道癌、泌尿器癌に加えて、今回の解析で、結腸癌と多発性骨髄腫も放射線被曝と関連のあることが証明できたが、悪性リンパ腫、直腸癌、膵臓癌及び子宮癌については、放射線との関係は今のところ認められない。

被曝から死亡までの期間は白血病については高線量になるに従って短縮されているが、他の癌についてはこの傾向は見られず、白血病以外の放射線誘発癌はその年齢における癌の自然発生率に比例して発現するものと思われる。死亡時年齢群別に見ると、相対危険度と絶対危険度の双方とも被曝時年齢の若い者ほど高い傾向がある。

第2部 (TR 5-81) 原爆被爆者における癌以外の死因による死亡率, 1950-78年. 加藤寛夫, Brown CC, Hoel DG, Schull WJ.

1975-78年の4年間における寿命調査対象者中の死亡数を調べ、1950年以降の28年間の死亡率を算定した。本報では癌以外の死因による死亡率が増加しているかどうか、すなわち、放射線による非特異的な加齢促進が起こるかどうかを調べた。

生命表方法によって推定した癌以外の死因による累積死亡率は、両市、男女及び五つの被曝時年齢群のいずれにおいても、放射線量に伴う増加は認められなかった。

癌以外の特定死因で、原爆被爆との有意な関係を示すものは見られない。したがってこの集団では、現在までのところ放射線による非特異的な加齢促進は認められない。

1950年以前の死亡の除外による偏りの大きさを求めるために、三つの補足的死亡率調査を使用して、寿命調査の調査開始(1950年)以前の死亡率を再解析した。この偏りは、1950年以後に調査対象に認められた放射線影響の解釈に重大な影響を及ぼすとは思われない。

この調査対象中の早期入市者には、白血病又はその他の悪性腫瘍による死亡の増加は認められていない。

Part 3 (Technical Report 6-81) Nagasaki Tumor Registry Data, 1959-78. Wakabayashi T, Kato H, Ikeda T, Schull WJ.

The incidence of malignant tumors in the LSS sample in Nagasaki as revealed by the Nagasaki Tumor Registry has been investigated and reported for the period 1959-78.

No exposure status bias in data collection has been revealed. Neither method of diagnosis nor reporting hospitals nor the frequency of doubtful cases differ by exposure dose.

The risk of radiogenic cancer definitely increases with radiation dose for leukemia, cancer of the breast, lung, stomach, and thyroid, and increases suggestively for cancer of the colon and urinary tract and multiple myeloma. However, there is no increase as yet for cancer of the esophagus, liver, gall bladder, uterus, ovary, or salivary gland, or malignant lymphoma.

In general, the relative risk based on incidence (that is, on tumor registry data) is either the same or somewhat higher than that based on mortality for the same period; however, the absolute risk estimates (excess cancer per million person-year rad) are far higher.

Since A-bomb radiation in Nagasaki consisted essentially of gamma rays, the present report provides a good opportunity to examine the shape of the dose-response curve for gamma exposure. Unfortunately, statistically, one cannot actually distinguish one model from another among a simple linear, quadratic, or linear-quadratic response. Further data are obviously necessary.

LSS Report 9 Supplementary Tables (Supplement to TR 12-80 and TR 5-81)

The supplementary tables are computer printouts containing the LSS data from 1950-78. These tables are pertinent only to Part 1 and Part 2 of LSS Report 9.

第3部 (TR 6-81) 長崎腫瘍登録資料, 1959-78年. 若林俊郎, 加藤寛夫, 池田高良, Schull WJ.

長崎腫瘍登録資料を利用して, 1959-78年の長崎の寿命調査対象者における悪性腫瘍の発生率を調査し報告した。

被爆状態による資料収集上の偏りは認められなかった。診断方法, 症例を報告する病院, 診断不確実な症例の頻度のいずれも被曝線量による差異はない。

放射線誘発癌についてみると, 白血病, 乳癌, 肺癌, 胃癌及び甲状腺癌の危険度は線量とともに明らかに増加し, 結腸癌, 泌尿器癌及び多発性骨髄腫ではその増加は示唆的である。しかし, 食道癌, 肝癌, 胆嚢癌, 子宮癌, 卵巣癌, 唾液腺腫瘍, 及び悪性リンパ腫については現在までのところ線量の増加による危険度の増加は認められない。

一般的に, 発生率 (すなわち腫瘍登録資料) に基づく相対危険度は, 同一期間の死亡率に基づくものと比べると, 同程度かあるいはわずかに高目である。しかし, 絶対危険度の推定値 (100万人年 rad 当たりの過剰癌) は腫瘍登録の方がはるかに高い。

長崎の原爆放射線は主としてガンマ線であったため, 本調査はガンマ線被曝の線量反応曲線の形を検討する好機を提供した。残念ながら, 反応が単純な線形, 二次あるいは線形-二次のどのモデルが良いかを統計的には区別することはできない。更に資料の蓄積が必要であることは明らかである。

寿命調査第9報付録表 (TR 12-80及びTR 5-81への補遺) 付録表は1950-78年の寿命調査資料をコンピューターで製表したもので, 寿命調査第9報第1部及び第2部のみに関係がある。

Life Span Study Report 9
寿命調査 第9報

SUPPLEMENTARY TABLES, 1950-78

付 録 表, 1950—78年

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with Results of Significance Tests**

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TABLE 1 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSONS AS OF OCTOBER 1, 1950 HIROSHIMA + NAGASAKI

AGE ATB	TOTAL	T-65 TOTAL DOSE IN RAD										
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK	
MALE + FEMALE ALL AGES	108760	26518	31581	23073	14942	4225	3128	1381	639	887	2386	
0-9	20578	5014	6039	4603	3093	731	401	204	84	134	275	
10-19	23921	5974	6514	5201	2774	886	927	431	188	237	789	
20-34	22112	5671	6220	4536	2894	905	661	314	156	209	546	
35-49	25265	6162	7493	5068	3673	1021	734	288	144	208	474	
50+	16884	3697	5315	3665	2508	682	405	144	67	99	302	
MALE ALL AGES	45496	11143	13087	9884	5890	1684	1385	601	270	423	1127	
0-9	10127	2461	2986	2246	1546	360	188	105	43	64	128	
10-19	10466	2647	2799	2551	1111	342	371	167	70	126	282	
20-34	6228	1648	1717	1250	703	237	224	122	53	57	217	
35-49	10739	2717	3104	2107	1383	438	368	133	70	111	308	
50+	7936	1670	2481	1732	1147	307	234	74	34	65	192	
FEMALE ALL AGES	63264	15375	18494	13187	9052	2541	1743	780	369	464	1259	
0-9	10451	2553	3053	2357	1547	371	213	99	41	70	147	
10-19	13455	3327	3715	2650	1663	544	556	264	118	111	507	
20-34	15884	4023	4503	3286	2191	668	437	192	103	152	329	
35-49	14526	3445	4389	2961	2290	583	366	155	74	97	166	
50+	8948	2027	2834	1933	1361	375	171	70	33	34	110	

TABLE 1 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSONS
AS OF OCTOBER 1, 1950 HIROSHIMA

AGE ATB	TOTAL	T-65 TOTAL DOSE IN RAD											UNK				
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+							
MALE + FEMALE																	
ALL AGES	82081	20170	27577	15933	10911	2783	1740	659	369	510	1429						
0-9	14884	3678	5208	2966	2038	457	228	100	44	58	107						
10-19	16311	4192	5338	3244	1885	454	364	149	109	132	444						
20-34	16921	4325	5435	3271	2194	609	361	148	85	132	361						
35-49	20226	4972	6732	3705	2871	745	504	171	86	123	317						
50+	13739	3003	4864	2747	1923	518	283	91	45	65	200						
MALE																	
ALL AGES	33771	8271	11261	6935	4226	1027	763	282	144	237	625						
0-9	7367	1824	2589	1443	1023	229	100	49	22	29	59						
10-19	7142	1860	2315	1653	729	162	147	65	38	69	104						
20-34	4563	1188	1424	941	535	130	107	50	26	35	127						
35-49	8325	2093	2700	1569	1069	283	238	71	35	61	206						
50+	6374	1306	2233	1329	870	223	171	47	23	43	129						
FEMALE																	
ALL AGES	48310	11899	16316	8998	6685	1756	977	377	225	273	804						
0-9	7517	1854	2619	1523	1015	228	128	51	22	29	48						
10-19	9169	2332	3023	1591	1156	292	217	84	71	63	360						
20-34	12358	3137	4011	2330	1659	479	254	98	59	97	234						
35-49	11901	2879	4032	2136	1802	462	266	100	51	62	111						
50+	7365	1697	2631	1418	1053	295	112	44	22	22	71						

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 HIROSKIMA + NAGASAKI, AGE ATB 0-9

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										UNK		
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+				
MALE + FEMALE														
TOTAL	568215	135278	168304	128125	86187	20212	11076	5537	2335	3515	7646			
1950-78	82740	16721	25631	19534	13122	3090	1693	865	358	561	1165			
1950-54	81845	19990	24038	18312	12290	2891	1580	812	333	507	1092			
1955-58	81480	19923	23934	18216	12247	2867	1576	794	332	500	1091			
1959-62	81112	19806	23829	18154	12206	2855	1569	783	332	491	1087			
1963-66	80749	19696	23730	18081	12166	2846	1558	772	331	488	1081			
1967-70	80349	19615	23624	17971	12107	2835	1552	765	325	484	1071			
1971-74	79940	19527	23518	17857	12049	2828	1548	746	324	484	1059			
1975-78														
MALE														
TOTAL	278651	66229	82877	62237	43013	9908	5217	2784	1176	1701	3509			
1950-78	40820	8300	12668	9535	6559	1520	800	443	183	272	540			
1950-54	40244	9794	11869	8932	6142	1425	744	416	169	249	504			
1955-58	40008	9751	11798	8870	6122	1410	740	402	168	244	503			
1959-62	39759	9685	11729	8820	6095	1399	736	392	168	236	499			
1963-66	39528	9619	11668	8767	6068	1391	733	384	167	236	495			
1967-70	39274	9568	11608	8694	6026	1383	732	381	161	232	489			
1971-74	39018	9512	11537	8619	6001	1380	732	366	160	232	479			
1975-78														
FEMALE														
TOTAL	289564	69049	85427	65888	43174	10304	5859	2753	1159	1814	4137			
1950-78	41920	8421	12963	9999	6563	1570	893	422	175	289	625			
1950-54	41601	10196	12169	9380	6148	1466	836	396	164	258	588			
1955-58	41472	10172	12136	9346	6125	1457	836	392	164	256	588			
1959-62	41353	10121	12100	9334	6111	1456	833	391	164	255	588			
1963-66	41221	10077	12062	9314	6098	1455	825	388	164	252	586			
1967-70	41075	10047	12016	9277	6081	1452	820	384	164	252	582			
1971-74	40922	10015	11981	9238	6048	1448	816	380	164	252	580			
1975-78														

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 HIROSHIMA + NAGASAKI, AGE ATB 20-34

YEAR	TOTAL	165 TOTAL DOSE IN RAD										
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK	
FEMALE												
TOTAL	585055	147716	166285	120521	76950	24112	17481	8229	4197	5426	14138	
1950-78	87794	18502	26235	19123	12188	3824	2777	1326	662	881	2276	
1950-54	86587	22435	24337	17697	11276	3553	2571	1219	615	807	2077	
1955-58	85411	22156	24045	17416	11126	3498	2534	1200	608	785	2043	
1959-62	84108	21857	23717	17093	10959	3440	2483	1186	601	773	1999	
1963-66	82513	21474	23265	16764	10743	3364	2447	1148	586	752	1970	
1967-70	80524	20931	22720	16426	10466	3278	2380	1106	572	728	1917	
1971-74	78118	20361	21966	16002	10192	3155	2289	1044	553	700	1856	
MALE												
TOTAL	161408	43300	44416	32176	18127	6149	5700	3139	1418	1536	5447	
1950-78	26040	6804	7217	5251	2955	996	938	516	223	241	899	
1950-54	24118	6475	6626	4825	2703	918	859	473	208	224	807	
1955-58	23660	6366	6535	4691	2663	895	835	460	205	224	786	
1959-62	23136	6244	6391	4568	2597	876	807	458	204	220	771	
1963-66	22437	6076	6174	4418	2506	859	792	440	197	220	755	
1967-70	21539	5798	5910	4292	2409	820	765	413	196	210	726	
1971-74	20478	5537	5563	4131	2294	785	704	379	185	197	703	
FEMALE												
TOTAL	423647	104416	121869	88345	58823	17963	11781	5090	2779	3890	8691	
1950-78	61754	11698	19018	13872	9233	2828	1839	810	439	640	1377	
1950-54	62469	15960	17711	12872	8573	2635	1712	746	407	583	1270	
1955-58	61751	15790	17510	12725	8463	2603	1699	740	403	561	1257	
1959-62	60972	15613	17326	12525	8362	2564	1676	728	397	553	1228	
1963-66	60076	15398	17091	12346	8237	2505	1655	708	389	532	1215	
1967-70	58985	15113	16610	12134	8057	2458	1615	693	376	518	1191	
1971-74	57640	14824	16403	11871	7898	2370	1585	665	368	503	1153	

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978. HIROSHIMA + NAGASAKI, AGE ATB 35-49

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK				
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK						
MALE + FEMALE																	
TOTAL	583671	137102	176148	118614	86013	23841	17166	6697	3132	4570	10388						
1950-78	94843	15115	31264	21172	15342	4281	3075	1215	605	860	1914						
1950-54	95807	23755	28256	19182	13862	3894	2775	1092	541	774	1676						
1955-58	91446	22798	26988	18277	13164	3715	2673	1038	492	723	1578						
1959-62	86437	21593	25612	17195	12472	3464	2508	979	444	679	1491						
1963-66	79859	19949	23761	15810	11568	3175	2303	899	401	613	1380						
1967-70	72120	18003	21471	14378	10472	2834	2046	806	351	509	1250						
1971-74	63159	15889	18796	12600	9133	2478	1786	668	298	412	1099						
1975-78																	
MALE																	
TOTAL	233953	57962	68179	46301	30361	9597	8249	2922	1367	2224	6791						
1950-78	41075	7708	12894	8770	5766	1839	1530	562	295	451	1260						
1950-54	40077	10310	11500	7845	5136	1654	1371	495	258	398	1110						
1955-58	37650	9732	10791	7389	4775	1552	1318	470	220	364	1039						
1959-62	34799	9055	10001	6778	4416	1398	1218	431	188	332	982						
1963-66	31035	8136	8910	5992	3974	1220	1082	380	159	283	899						
1967-70	26898	7071	7697	5185	3455	1053	935	326	138	228	810						
1971-74	22419	5950	6386	4342	2839	881	795	258	109	168	691						
1975-78																	
FEMALE																	
TOTAL	349718	79140	107969	72313	55652	14244	8917	3775	1765	2346	3597						
1950-78	53768	7407	18370	12402	9576	2442	1545	653	310	409	654						
1950-54	55730	13445	16756	11337	8726	2240	1404	597	283	376	566						
1955-58	53796	13066	16197	10888	8389	2163	1355	568	272	359	539						
1959-62	51638	12538	15611	10417	8056	2066	1290	548	256	347	509						
1963-66	48824	11813	14851	9818	7594	1955	1221	519	242	330	481						
1967-70	45222	10932	13774	9193	7017	1781	1111	480	213	281	440						
1971-74	40740	9939	12410	8258	6294	1597	991	410	189	244	408						
1975-78																	

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 HIROSHIMA, ALL AGES

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK				
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK						
MALE + FEMALE																	
TOTAL	1961965	468263	665245	385848	263563	66671	41435	16059	8883	12195	33803						
1950-54	307991	49874	114844	66499	45603	11670	7233	2782	1545	2141	5800						
1955-58	310848	78007	103626	60055	41191	10539	6501	2521	1390	1922	5096						
1959-62	297254	74835	98944	57377	39311	10071	6213	2404	1333	1834	4932						
1963-66	283452	71648	94407	54577	37426	9421	5888	2307	1260	1750	4768						
1967-70	269262	68324	89644	51817	35412	8877	5557	2170	1191	1646	4624						
1971-74	254286	64581	84568	49149	33387	8330	5189	2031	1120	1520	4411						
1975-78	238872	60994	79212	46374	31233	7763	4854	1844	1044	1382	4172						
MALE																	
TOTAL	777403	188870	259702	161604	97689	23621	16930	6628	3271	5370	13718						
1950-54	128600	22907	46569	28832	17573	4306	3129	1196	602	988	2498						
1955-58	125726	31707	41439	25721	15630	3850	2747	1079	535	875	2143						
1959-62	118761	30134	39073	24286	14691	3635	2584	1004	497	818	2039						
1963-66	111753	28579	36731	22805	13796	3343	2397	942	454	763	1943						
1967-70	104688	26981	34322	21348	12893	3083	2208	871	422	715	1845						
1971-74	97493	25131	31982	19964	12011	2829	2013	811	399	648	1705						
1975-78	90382	23431	29586	18648	11095	2575	1852	725	362	563	1545						
FEMALE																	
TOTAL	1184562	279393	405543	224244	165874	43050	24505	9431	5612	6825	20085						
1950-54	179391	26967	68275	37667	28030	7364	4104	1586	943	1153	3302						
1955-58	185122	46300	62187	34334	25561	6689	3754	1442	855	1047	2953						
1959-62	178493	44701	59871	33091	24620	6436	3629	1400	836	1016	2893						
1963-66	171699	43069	57676	31772	23630	6078	3491	1365	806	987	2825						
1967-70	164574	41343	55322	30469	22519	5794	3349	1299	769	931	2779						
1971-74	156793	39450	52586	29185	21376	5501	3176	1220	721	872	2706						
1975-78	148490	37563	49626	27726	20138	5188	3002	1119	682	819	2627						

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 HIROSHIMA, AGE ATB 0-9

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK			
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK					
MALE + FEMALE																
TOTAL																
1950-78	410285	98082	145333	82644	56834	12690	6255	2734	1205	1553	2955					
1950-54	58591	11055	22110	12583	8642	1932	958	425	188	247	451					
1955-58	59246	14666	20754	11806	8096	1814	892	400	173	225	420					
1959-62	58994	14608	20665	11750	8072	1802	891	392	172	222	420					
1963-66	58744	14529	20578	11717	8045	1795	885	384	172	219	420					
1967-70	58520	14459	20502	11673	8024	1790	881	384	171	216	420					
1971-74	58243	14412	20411	11593	7996	1781	876	380	165	212	417					
1975-78	57947	14353	20313	11522	7959	1776	872	369	164	212	407					
MALE																
TOTAL																
1950-78	202269	48530	71929	40021	28463	6308	2785	1305	583	746	1599					
1950-54	29110	5598	10987	6124	4337	966	426	208	94	123	247					
1955-58	29282	7258	10302	5740	4062	906	396	196	85	109	228					
1959-62	29112	7219	10239	5703	4053	897	395	188	84	106	228					
1963-66	28947	7176	10181	5678	4033	891	392	180	84	104	228					
1967-70	28789	7126	10133	5643	4013	887	392	180	83	104	228					
1971-74	28606	7096	10077	5589	3989	881	392	180	77	100	225					
1975-78	28423	7057	10010	5544	3976	880	392	173	76	100	215					
FEMALE																
TOTAL																
1950-78	208016	49552	73404	42623	28371	6382	3470	1429	622	807	1356					
1950-54	29481	5457	11123	6459	4305	966	532	217	94	124	204					
1955-58	29964	7408	10452	6066	4034	908	496	204	88	116	192					
1959-62	29882	7389	10426	6047	4019	905	496	204	88	116	192					
1963-66	29797	7353	10397	6039	4012	904	493	204	88	115	192					
1967-70	29731	7333	10369	6030	4011	903	489	204	88	112	192					
1971-74	29637	7316	10334	6004	4007	900	484	200	88	112	192					
1975-78	29524	7296	10303	5978	3983	896	480	196	88	112	192					

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 HIROSHIMA, AGE ATB 10-19

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										UNK			
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK				
MALE + FEMALE															
TOTAL	439220	108472	145279	88992	51608	12458	9856	4016	2937	3538	12064				
1950-54	62023	10756	22539	13751	7998	1921	1543	630	456	557	1872				
1955-58	64273	16583	20919	12832	7456	1794	1437	583	423	520	1726				
1959-62	63697	16471	20694	12729	7384	1784	1409	574	420	516	1716				
1963-66	63203	16373	20552	12605	7317	1763	1395	569	418	508	1703				
1967-70	62687	16250	20403	12501	7236	1751	1376	562	416	500	1692				
1971-74	62065	16084	20222	12372	7161	1733	1361	555	409	479	1689				
1975-78	61272	15955	19950	12202	7056	1712	1335	543	395	458	1666				
MALE															
TOTAL	190813	47991	62497	44857	19863	4411	3912	1744	1023	1799	2716				
1950-54	27509	5169	9781	7002	3094	681	621	276	159	289	437				
1955-58	28006	7313	9041	6507	2877	634	570	257	148	268	391				
1959-62	27693	7242	8925	6445	2843	632	557	250	148	264	387				
1963-66	27419	7179	8852	6363	2814	626	553	246	146	256	384				
1967-70	27131	7112	8765	6290	2784	620	546	242	144	252	376				
1971-74	26754	7016	8648	6186	2749	617	538	240	143	241	376				
1975-78	26301	6960	8485	6064	2702	601	527	233	135	229	365				
FEMALE															
TOTAL	248407	60481	82782	44135	31745	8047	5944	2272	1914	1739	9348				
1950-54	34514	5587	12758	6749	4904	1240	922	354	297	268	1435				
1955-58	36267	9270	11878	6325	4579	1160	867	326	275	252	1335				
1959-62	36004	9229	11769	6284	4541	1152	852	324	272	252	1329				
1963-66	35784	9194	11700	6242	4503	1137	842	323	272	252	1319				
1967-70	35556	9138	11638	6211	4452	1131	830	320	272	248	1316				
1971-74	35311	9068	11574	6186	4412	1116	823	315	266	238	1313				
1975-78	34971	8995	11465	6138	4354	1111	808	310	260	229	1301				

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 HIROSHIMA, AGE ATB 35-49

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK	
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK			
MALE + FEMALE														
TOTAL	469010	109891	158423	87796	67963	17430	11846	3954	1831	2805	7071			
1950-78	73877	10150	28101	15500	12027	3127	2103	721	358	520	1270			
1950-54	76901	19273	25396	14058	10885	2835	1900	646	317	477	1114			
1955-58	73602	18566	24264	13452	10377	2694	1835	610	293	450	1061			
1959-62	69763	17647	23024	12718	9855	2510	1734	576	261	421	1017			
1963-66	64732	16370	21355	11790	9199	2316	1604	531	231	375	961			
1967-70	58632	14800	19319	10777	8340	2109	1423	479	203	313	869			
1971-74	51503	13085	16964	9501	7280	1839	1247	391	168	249	779			
1975-78														
MALE														
TOTAL	181870	44315	59196	34921	23753	6164	5315	1534	637	1328	4707			
1950-78	31051	5104	11217	6548	4463	1187	981	301	146	258	846			
1950-54	31118	7994	9988	3984	3084	1059	868	264	126	234	751			
1955-58	29300	7574	9381	5521	3720	986	836	247	106	219	710			
1959-62	27149	7070	8673	5090	3453	885	784	223	86	202	683			
1963-66	24363	6382	7706	3141	3141	781	705	195	69	172	640			
1967-70	21182	5540	6672	3985	2730	695	616	171	59	141	573			
1971-74	17707	4651	5559	3355	2262	571	525	133	45	102	504			
1975-78														
FEMALE														
TOTAL	287140	65576	99227	52875	44210	11266	6531	2420	1194	1477	2364			
1950-78	42826	5046	16884	8952	7564	1940	1122	420	212	262	424			
1950-54	45783	11279	15408	8208	6901	1776	1032	382	191	243	363			
1955-58	44302	10992	14883	7931	6657	1708	999	363	187	231	351			
1959-62	42614	10577	14351	7628	6402	1625	950	353	175	219	334			
1963-66	40369	9988	13649	7218	6058	1535	899	336	162	203	321			
1967-70	37450	9260	12647	6792	5610	1414	807	308	144	172	296			
1971-74	33796	8434	11405	6146	5018	1268	722	258	123	147	275			
1975-78														

TABLE 2.

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 NAGASAKI, AGE ATB 0-9

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK			
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK					
MALE + FEMALE																
TOTAL	157930	37196	22971	45481	29353	7522	4821	2803	1130	1962	4691					
1950-78	24149	5666	3521	6951	4480	1158	735	440	170	314	714					
1950-54	22599	5324	3284	6506	4194	1077	688	412	160	282	672					
1955-58	22486	5315	3269	6466	4175	1065	685	402	160	278	671					
1959-62	22368	5277	3251	6437	4161	1060	684	399	160	272	667					
1963-66	22229	5237	3228	6408	4142	1056	677	388	160	272	661					
1967-70	22106	5203	3213	6378	4111	1054	676	385	160	272	654					
1971-74	21993	5174	3205	6335	4090	1052	676	377	160	272	652					
1975-78																
MALE																
TOTAL	76382	17699	10948	22216	14550	3600	2432	1479	593	955	1910					
1950-78	11710	2702	1681	3411	2222	554	374	235	89	149	293					
1950-54	10962	2536	1567	3192	2080	1419	348	220	84	140	276					
1955-58	10896	2532	1559	3167	2069	1513	345	214	84	138	275					
1959-62	10812	2509	1548	3142	2062	1508	344	212	84	132	271					
1963-66	10739	2493	1535	3124	2055	1504	341	204	84	132	267					
1967-70	10668	2472	1531	3105	2037	1502	340	201	84	132	264					
1971-74	10595	2455	1527	3075	2025	1500	340	193	84	132	264					
1975-78																
FEMALE																
TOTAL	81548	19497	12023	23265	14803	3922	2389	1324	537	1007	2781					
1950-78	12439	2964	1840	3540	2258	604	361	205	81	165	421					
1950-54	11637	2788	1717	3314	2114	558	340	192	76	142	396					
1955-58	11590	2783	1710	3299	2106	552	340	188	76	140	396					
1959-62	11556	2768	1703	3295	2099	552	340	187	76	140	396					
1963-66	11490	2744	1693	3284	2087	552	336	184	76	140	394					
1967-70	11438	2731	1682	3273	2074	552	336	184	76	140	390					
1971-74	11398	2719	1678	3260	2065	552	336	184	76	140	388					
1975-78																

TABLE 2

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 NAGASAKI, AGE ATB 20-34

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK				
		NIC	0	1-0	10-49	50-99	100-199	200-299	300-399	400+	UNK						
MALE + FEMALE																	
TOTAL	137247	35850	20694	33333	18599	7919	7868	4332	1945	1966	4741						
1950-54	21882	5680	3316	5328	2952	1256	1254	699	302	324	771						
1955-58	20194	5271	3054	4913	2722	1167	1157	638	280	291	701						
1959-62	19879	5200	3013	4810	2683	1149	1147	628	280	280	689						
1963-66	19540	5115	2956	4712	2649	1130	1121	623	280	278	674						
1967-70	19094	4985	2875	4627	2601	1102	1098	608	271	273	654						
1971-74	18613	4864	2793	4539	2520	1076	1072	584	268	261	636						
1975-78	18045	4735	2687	4404	2472	1039	1017	552	264	259	616						
MALE																	
TOTAL	42916	11966	7502	7822	4448	2883	2929	1814	736	580	2236						
1950-54	7002	1938	1231	1296	711	455	486	304	115	92	374						
1955-58	6410	1792	1114	1179	658	423	441	278	108	84	333						
1959-62	6273	1760	1100	1133	651	414	432	268	108	84	323						
1963-66	6145	1720	1076	1099	645	410	418	266	108	84	319						
1967-70	5945	1653	1035	1068	630	406	407	256	101	84	305						
1971-74	5714	1582	1001	1047	590	393	395	233	100	77	296						
1975-78	5427	1521	945	1000	563	382	350	209	96	75	286						
FEMALE																	
TOTAL	94331	23884	13192	25511	14151	5036	4939	2518	1209	1386	2505						
1950-54	14880	3742	2085	4032	2741	801	768	395	187	232	397						
1955-58	13784	3479	1940	3734	2064	744	716	360	172	207	368						
1959-62	13606	3440	1913	3677	2032	735	715	360	172	196	366						
1963-66	13395	3395	1880	3613	2004	720	705	357	172	194	355						
1967-70	13149	3332	1840	3559	1971	696	691	352	170	189	349						
1971-74	12899	3282	1792	3402	1930	683	677	351	168	184	340						
1975-78	12618	3214	1742	3404	1909	657	667	343	168	184	330						

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS
AT RISK 1950-1978 NAGASAKI, AGE ATB 35-49

YEAR	TOTAL	165 TOTAL DOSE IN RAD																				
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK											
MALE + FEMALE																						
TOTAL	114661	27211	17725	30818	18050	6411	5320	2743	1301	1765	3317											
1950-78	20966	4965	3163	5672	3315	1154	972	494	247	340	644											
1950-54	18906	4482	2860	5124	2977	1059	875	446	224	297	562											
1955-58	17844	4232	2724	4825	2787	1021	838	428	199	273	517											
1959-62	16674	3946	2588	4477	2617	954	774	403	183	258	474											
1963-66	15127	3579	2406	4020	2369	859	699	368	170	238	419											
1967-70	13488	3203	2152	3601	2132	725	623	327	148	196	381											
1971-74	11656	2804	1832	3099	1853	639	539	277	130	163	320											
MALE																						
TOTAL	52083	13647	8983	11380	6608	3433	2934	1388	730	896	2084											
1950-78	10024	2604	1677	2222	1303	652	549	261	149	193	414											
1950-54	8959	2316	1512	1995	1152	595	503	231	132	164	359											
1955-58	8350	2158	1410	1868	1055	566	482	223	114	145	329											
1959-62	7650	1985	1328	1688	963	513	434	208	102	130	299											
1963-66	6672	1754	1204	1420	833	439	377	185	90	111	259											
1967-70	5716	1531	1025	1200	725	358	319	155	79	87	237											
1971-74	4712	1299	827	987	577	310	270	125	64	66	187											
FEMALE																						
TOTAL	62578	13564	8742	19438	11442	2978	2386	1355	571	869	1233											
1950-78	10942	2361	1486	3450	2012	502	423	233	98	147	230											
1950-54	9947	2166	1348	3129	1825	464	372	215	92	133	203											
1955-58	9494	2074	1314	2957	1732	455	356	205	85	128	188											
1959-62	9024	1961	1260	2789	1654	441	340	195	81	128	175											
1963-66	8455	1825	1202	2600	1536	420	322	183	80	127	160											
1967-70	7772	1672	1127	2401	1407	367	304	172	69	109	144											
1971-74	6944	1505	1005	2112	1276	329	269	152	66	97	133											

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1978 NAGASAKI, AGE ATB 50+

YEAR	TOTAL	T65 TOTAL DOSE IN RAD										400+	UNK
		NIC	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	UNK		
MALE + FEMALE													
TOTAL 1950-78	43137	9729	5983	12754	7810	2400	1705	814	329	424	1189		
1950-54	12367	2771	1749	3626	2294	652	472	216	86	126	375		
1955-58	9533	2150	1312	2804	1773	525	372	177	66	95	259		
1959-62	7531	1699	1025	2222	1382	439	291	138	59	81	195		
1963-66	5622	1271	771	1666	1020	319	219	109	51	56	140		
1967-70	3988	887	569	1206	693	226	161	82	32	33	99		
1971-74	2571	585	359	769	416	159	117	57	21	20	68		
1975-78	1525	366	198	461	232	80	73	35	14	13	53		
MALE													
TOTAL 1950-78	20567	5077	3232	5104	3527	1139	910	429	158	280	711		
1950-54	6150	1455	979	1576	1091	378	246	112	45	83	235		
1955-58	4673	1120	741	1179	820	260	199	96	33	64	161		
1959-62	3634	894	568	910	616	218	158	70	28	57	115		
1963-66	2622	661	411	643	445	143	116	56	26	40	81		
1967-70	1760	449	277	428	296	90	90	43	12	19	56		
1971-74	1093	308	160	238	170	45	66	31	8	12	35		
1975-78	635	190	96	130	89	35	35	21	6	5	28		
FEMALE													
TOTAL 1950-78	22570	4652	2751	7650	4283	1261	795	385	171	144	478		
1950-54	6217	1316	770	2050	1203	324	226	104	41	43	140		
1955-58	4860	1030	571	1625	953	245	173	81	33	31	98		
1959-62	3897	805	457	1312	766	221	133	68	31	24	80		
1963-66	3000	610	360	1023	575	176	103	53	25	16	59		
1967-70	2228	438	292	778	397	136	71	39	20	14	43		
1971-74	1478	277	199	531	246	94	51	26	13	8	33		
1975-78	890	176	102	331	143	45	38	14	8	8	25		

TABLE 3 MEAN T-65 DOSE ESTIMATES IN RAD, LIFE SPAN STUDY SAMPLE (EXTENDED)

CLASS	T-65 TOTAL DOSE IN RAD											
	0	1-9	10-49	50-99	100-199	200-299	300-399	400**	100**	10**	UNKNOWN	
BOTH CITIES												
NUMBER	82242	31581	23073	14942	4225	3128	1381	639	887	6035	25202	2386
MEAN DOSE† TOTAL		3.4	21.8	70.6	142.4	243.6	345.3	526.4	243.5	83.1		
GAMMA		2.9	18.5	61.4	124.6	214.4	289.4	438.8	208.8	71.3		
NEUTRON		0.5	3.3	9.2	17.8	29.2	55.9	87.6	34.7	11.8		
HIROSHIMA												
NUMBER	61911	27577	15933	10911	2783	1740	659	369	510	3278	16972	1429
MEAN DOSE† TOTAL		3.3	22.0	70.3	138.9	243.6	346.4	524.4	243.3	72.8		
GAMMA		2.6	17.5	56.6	108.4	186.4	254.0	380.3	182.8	55.9		
NEUTRON		0.7	4.5	13.7	30.5	57.2	92.4	144.1	60.5	16.9		
NAGASAKI												
NUMBER	20331	4004	7140	4031	1442	1388	722	270	377	2757	8230	957
MEAN DOSE† TOTAL		3.6	21.2	71.2	146.9	243.7	343.7	529.2	243.8	104.6		
GAMMA		3.6	21.2	70.7	145.0	239.9	337.7	518.0	239.7	103.1		
NEUTRON		0.0	0.0	0.5	1.9	3.8	6.0	11.2	4.1	1.5		

*THE DOSE ESTIMATES FOR SOME SURVIVORS ARE SO HIGH AS TO RAISE SERIOUS QUESTIONS OF ERROR. THERE ARE 365 PERSONS (HIROSHIMA 205, NAGASAKI 160) WITH T-65 DOSES CALCULATED IN EXCESS OF 600 RAD. FOR PURPOSES OF AVERAGING HERE, ALL THESE DOSES ARE ARBITRARILY SET AT 600 RAD, (HIROSHIMA, 428 RAD GAMMA, 172 RAD NEUTRONS; NAGASAKI, 587 RAD GAMMA, 13 RAD NEUTRONS).

TABLE 4-1 ALL CAUSES

TABLE 4-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	23502	9430	6568	4472	1275	883	390	188	296		
	EXP.		9419.7	6629.5	4522.6	1305.4	874.1	361.7	163.7	225.2		
	OBS./EXP. RELATIVE RISK		1.001 1.000	0.991 0.990	0.989 0.988	0.977 0.976	1.010 1.009	1.078 1.077	1.148 1.147	1.314 1.313		
	TEST PROB.	A=C? 0.7122	A=D? 0.6610	A=E? 0.3794	A=F? 0.1309	A=G? 0.0772	A=H? 0.0004	A=CD? 0.7356	A=EF? 0.1939	A=GH? 0.0003	HOMO, 0.0001	TREND, 0.0000
1950-54	OBS. EXP.	3034	1259	848	558	133	132	36	23	45		
			1195.1	876.3	585.0	166.7	113.4	46.0	21.1	30.3		
	OBS./EXP. RELATIVE RISK		1.053 1.000	0.968 0.919	0.954 0.905	0.798 0.757	1.164 1.105	0.783 0.743	1.089 1.034	1.483 1.408		
	TEST PROB.	A=C? 0.9485	A=D? 0.9869	A=E? 0.2795	A=F? 0.9305	A=G? 0.4699	A=H? 0.0825	A=CD? 0.9871	A=EF? 0.5808	A=GH? 0.1379	HOMO, 0.0006	TREND, 0.0795
1955-58	OBS. EXP.	3289	1320	949	646	160	101	52	22	39		
			1309.6	938.3	636.1	183.0	119.9	49.4	22.1	30.8		
	OBS./EXP. RELATIVE RISK		1.008 1.000	1.011 1.003	1.016 1.008	0.874 0.867	0.843 0.836	1.054 1.045	0.996 0.988	1.268 1.258		
	TEST PROB.	A=C? 0.4603	A=D? 0.9020	A=E? 0.8958	A=F? 0.4336	A=G? 0.5514	A=H? 0.1881	A=CD? 0.6471	A=EF? 0.8021	A=GH? 0.2760	HOMO, 0.2598	TREND, 0.3722
1959-62	OBS. EXP.	3218	1277	955	585	180	122	38	23	38		
			1290.6	906.2	622.0	184.4	116.1	47.1	21.8	29.8		
	OBS./EXP. RELATIVE RISK		0.989 1.000	1.054 1.065	0.940 0.950	0.976 0.987	1.051 1.062	0.807 0.816	1.056 1.067	1.277 1.290		
	TEST PROB.	A=C? 0.7894	A=D? 0.4884	A=E? 0.3339	A=F? 0.8172	A=G? 0.4200	A=H? 0.1332	A=CD? 0.7461	A=EF? 0.5368	A=GH? 0.1490	HOMO, 0.1938	TREND, 0.2524
1963-66	OBS. EXP.	3414	1285	977	671	231	124	63	28	35		
			1376.1	953.2	659.9	190.0	125.5	53.4	23.6	32.2		
	OBS./EXP. RELATIVE RISK		0.934 1.000	1.025 1.098	1.017 1.089	1.216 1.302	0.988 1.058	1.179 1.263	1.185 1.269	1.086 1.163		
	TEST PROB.	A=C? 0.0942	A=D? 0.0018	A=E? 0.2753	A=F? 0.0688	A=G? 0.1460	A=H? 0.2394	A=CD? 0.0131	A=EF? 0.1055	A=GH? 0.1042	HOMO, 0.0054	TREND, 0.0192
1967-70	OBS. EXP.	3455	1361	969	680	178	132	62	28	45		
			1398.8	960.4	662.4	192.1	129.2	55.7	23.5	32.8		
	OBS./EXP. RELATIVE RISK		0.973 1.000	1.009 1.037	1.027 1.055	0.927 0.952	1.022 1.050	1.113 1.144	1.191 1.224	1.371 1.409		
	TEST PROB.	A=C? 0.2382	A=D? 0.6358	A=E? 0.2572	A=F? 0.2115	A=G? 0.2012	A=H? 0.0443	A=CD? 0.3424	A=EF? 0.1508	A=GH? 0.0310	HOMO, 0.2290	TREND, 0.0082
1971-74	OBS. EXP.	3510	1440	942	648	201	139	66	28	46		
			1414.3	981.9	673.4	193.9	132.7	56.7	24.5	32.6		
	OBS./EXP. RELATIVE RISK		1.018 1.000	0.959 0.942	0.962 0.945	1.037 1.018	1.047 1.029	1.164 1.143	1.145 1.125	1.412 1.387		
	TEST PROB.	A=C? 0.7914	A=D? 0.4447	A=E? 0.4163	A=F? 0.2349	A=G? 0.3558	A=H? 0.0591	A=CD? 0.7278	A=EF? 0.2730	A=GH? 0.0688	HOMO, 0.1053	TREND, 0.0023
1975-78	OBS. EXP.	3582	1488	928	684	192	133	73	36	48		
			1440.3	1006.0	688.8	196.3	137.5	55.3	26.0	31.8		
	OBS./EXP. RELATIVE RISK		1.033 1.000	0.922 0.893	0.993 0.961	0.978 0.947	0.967 0.936	1.319 1.277	1.386 1.341	1.510 1.462		
	TEST PROB.	A=C? 0.7432	A=D? 0.6611	A=E? 0.6833	A=F? 0.0442	A=G? 0.1024	A=H? 0.0254	A=CD? 0.7624	A=EF? 0.3305	A=GH? 0.0102	HOMO, 0.0003	TREND, 0.0001

TABLE 4-2 ALL CAUSES

TABLE 4-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	495	176	151	91	25	15	21	3	13		
	EXP.	188.7	152.1	102.6	24.2	13.3	6.9	2.9	4.4			
	OBS./EXP. RELATIVE RISK	0.933 1.000	0.993 1.065	0.887 0.951	1.034 1.109	1.127 1.208	3.054 3.275	1.040 1.115	2.956 3.169			
	TEST PROB.	A=C? 0.6546	A=D? 0.4562	A=E? 0.3634	A=F? 0.0004	A=G? 0.4286	A=H? 0.0057	A=CD? 0.5962	A=EF? 0.0102	A=GH? 0.0197	HOMO, 0.0000	TREND, 0.0000
1950-54	OBS. EXP.	69	21 25.1	15 21.8	15 14.5	6 3.5	6 2.0	1 1.0	0 0.4	5 0.7		
	OBS./EXP. RELATIVE RISK		0.837 1.000	0.689 0.824	1.033 1.234	1.719 2.055	3.070 3.669	0.960 1.147	0.000 0.000	7.152 8.549		
	TEST PROB.	A=C? 0.4440	A=D? 0.2904	A=E? 0.0572	A=F? 0.6473	A=G? 0.8099	A=H? 0.0110	A=CD? 0.3084	A=EF? 0.1157	A=GH? 0.0582	HOMO, 0.0000	TREND, 0.0000
1955-58	OBS. EXP.	69	21 25.2	24 21.7	11 14.6	6 3.5	0 1.9	3 1.0	1 0.4	3 0.7		
	OBS./EXP. RELATIVE RISK		0.835 1.000	1.104 1.322	0.755 0.905	1.719 2.059	0.000 0.000	2.886 3.456	2.373 2.842	4.478 5.363		
	TEST PROB.	A=C? 0.5583	A=D? 0.2108	A=E? 0.8753	A=F? 0.1511	A=G? 0.2790	A=H? 0.0561	A=CD? 0.4529	A=EF? 0.4035	A=GH? 0.0425	HOMO, 0.0104	TREND, 0.0011
1959-62	OBS. EXP.	70	28 26.9	19 21.4	11 14.5	3 3.4	2 1.9	4 1.0	0 0.4	3 0.6		
	OBS./EXP. RELATIVE RISK		1.041 1.000	0.888 0.853	0.761 0.730	0.888 0.853	1.069 1.027	4.057 3.896	0.000 0.000	4.891 4.698		
	TEST PROB.	A=C? 0.7466	A=D? 0.6073	A=E? 0.4250	A=F? 0.0438	A=G? 0.8006	A=H? 0.0762	A=CD? 0.7350	A=EF? 0.1524	A=GH? 0.2048	HOMO, 0.0052	TREND, 0.0008
1963-66	OBS. EXP.	62	25 23.4	16 19.1	11 12.9	4 3.0	2 1.7	3 0.9	0 0.4	1 0.5		
	OBS./EXP. RELATIVE RISK		1.066 1.000	0.837 0.785	0.850 0.797	1.317 1.236	1.197 1.123	3.437 3.223	0.000 0.000	1.822 1.709		
	TEST PROB.	A=C? 0.7044	A=D? 0.4216	A=E? 0.4060	A=F? 0.2028	A=G? 0.7998	A=H? 0.3116	A=CD? 0.6498	A=EF? 0.3171	A=GH? 0.4028	HOMO, 0.4078	TREND, 0.0958
1967-70	OBS. EXP.	72	25 27.3	25 22.2	14 15.0	2 3.5	3 1.9	1 1.0	1 0.4	1 0.6		
	OBS./EXP. RELATIVE RISK		0.915 1.000	1.128 1.233	0.933 1.020	0.568 0.621	1.554 1.699	1.008 1.102	2.350 2.569	1.575 1.722		
	TEST PROB.	A=C? 0.6299	A=D? 0.7729	A=E? 0.4207	A=F? 0.5859	A=G? 0.3024	A=H? 0.3546	A=CD? 0.6675	A=EF? 0.4328	A=GH? 0.3951	HOMO, 0.8928	TREND, 0.2156
1971-74	OBS. EXP.	78	26 31.0	30 23.4	14 15.9	3 3.7	1 2.0	3 1.0	1 0.4	0 0.6		
	OBS./EXP. RELATIVE RISK		0.840 1.000	1.281 1.525	0.883 1.051	0.812 0.967	0.496 0.590	2.991 3.561	2.348 2.795	0.000 0.000		
	TEST PROB.	A=C? 0.4516	A=D? 0.4326	A=E? 0.6731	A=F? 0.1214	A=G? 0.2741	A=H? 0.8032	A=CD? 0.4550	A=EF? 0.3440	A=GH? 0.3424	HOMO, 0.2525	TREND, 0.3874
1975-78	OBS. EXP.	75	30 29.8	22 22.5	15 15.2	1 3.6	1 1.9	6 0.9	0 0.4	0 0.6		
	OBS./EXP. RELATIVE RISK		1.005 1.000	0.979 0.974	0.985 0.980	0.281 0.279	0.516 0.514	6.408 6.375	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.5717	A=D? 0.8782	A=E? 0.7599	A=F? 0.0025	A=G? 0.8040	A=H? 0.8240	A=CD? 0.6904	A=EF? 0.1006	A=GH? 0.8524	HOMO, 0.0001	TREND, 0.2026

TABLE 4-3 ALL CAUSES

TABLE 4-3

		HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19										
		Y=65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	1275	477	386	186	56	77	38	22	33		
TOTAL	EXP.	473.6	399.2	203.2	65.7	69.4	32.1	13.5	18.4			
	OBS./EXP.	1.007	0.967	0.915	0.853	1.110	1.186	1.631	1.797			
	RELATIVE RISK	1.000	0.960	0.909	0.847	1.102	1.177	1.619	1.784			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7602	0.7910	0.2643	0.2646	0.0706	0.0129	0.8034	0.1765	0.0039	0.0021	0.0000
1950-54	OBS.	194	95	48	21	7	9	5	5	4		
	EXP.	70.8	60.7	31.1	10.3	11.1	5.2	2.1	2.8			
	OBS./EXP.	1.343	0.791	0.676	0.681	0.811	0.967	2.360	1.411			
	RELATIVE RISK	1.000	0.589	0.503	0.507	0.604	0.720	1.758	1.051			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9875	0.9194	0.8785	0.7543	0.2859	0.5295	0.9930	0.8825	0.3617	0.0041	0.3159
1955-58	OBS.	195	85	55	31	6	10	6	1	1		
	EXP.	72.7	60.8	31.0	10.0	10.7	5.0	2.1	2.8			
	OBS./EXP.	1.169	0.905	0.999	0.600	0.938	1.205	0.484	0.359			
	RELATIVE RISK	1.000	0.774	0.854	0.513	0.802	1.031	0.414	0.307			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7076	0.8899	0.6771	0.4394	0.7984	0.8610	0.8187	0.5953	0.8914	0.4909	0.9060
1959-62	OBS.	134	51	41	18	4	11	4	1	4		
	EXP.	51.7	41.2	21.5	6.6	6.7	3.0	1.4	1.9			
	OBS./EXP.	0.987	0.995	0.838	0.605	1.647	1.319	0.721	2.117			
	RELATIVE RISK	1.000	1.008	0.849	0.613	1.669	1.337	0.731	2.146			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6643	0.7997	0.2282	0.4192	0.6836	0.2490	0.7219	0.2492	0.3780	0.4013	0.0485
1963-66	OBS.	147	46	55	22	10	7	5	1	1		
	EXP.	54.5	46.0	23.5	7.6	8.0	3.7	1.6	2.1			
	OBS./EXP.	0.844	1.196	0.935	1.314	0.873	1.350	0.639	0.469			
	RELATIVE RISK	1.000	1.417	1.108	1.557	1.034	1.599	0.756	0.555			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4234	0.2591	0.4475	0.3730	0.6626	0.7456	0.3004	0.3955	0.7398	0.5999	0.6361
1967-70	OBS.	156	45	52	29	7	9	6	1	7		
	EXP.	56.9	49.2	24.9	8.2	8.8	4.1	1.7	2.3			
	OBS./EXP.	0.791	1.057	1.165	0.853	1.026	1.475	0.593	3.053			
	RELATIVE RISK	1.000	1.337	1.472	1.078	1.297	1.864	0.749	3.860			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1412	0.4422	0.3383	0.2213	0.6469	0.0071	0.1645	0.1996	0.0392	0.0401	0.0046
1971-74	OBS.	214	75	72	30	9	11	5	6	6		
	EXP.	78.5	67.7	33.9	11.1	11.8	5.5	2.3	3.1			
	OBS./EXP.	0.955	1.063	0.884	0.809	0.929	0.916	2.642	1.925			
	RELATIVE RISK	1.000	1.113	0.925	0.847	0.972	0.959	2.766	2.015			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5796	0.6261	0.4674	0.5245	0.0629	0.1556	0.5936	0.5243	0.0310	0.1755	0.0274
1975-78	OBS.	235	80	63	35	13	20	7	7	10		
	EXP.	88.7	73.5	37.3	11.8	12.3	5.6	2.4	3.2			
	OBS./EXP.	0.902	0.857	0.938	1.099	1.620	1.242	2.939	3.079			
	RELATIVE RISK	1.000	0.950	1.040	1.219	1.796	1.377	3.259	3.414			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4252	0.3182	0.0407	0.2566	0.0177	0.0035	0.3560	0.0347	0.0003	0.0001	0.0000

TABLE 4-4 ALL CAUSES

TABLE 4-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								TEND.	
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G		400+ H
1950-78	OBS. TOTAL	2188	843	594	386	134	104	63	24	40	
	EXP.	850.5	850.5	626.9	388.8	124.9	96.8	47.8	23.5	28.8	
	OBS./EXP.		0.991	0.948	0.993	1.073	1.074	1.318	1.022	1.387	
	RELATIVE RISK		1.000	0.956	1.002	1.083	1.084	1.330	1.031	1.399	
	TEST PROB.	A=C? 0.4924	A=D? 0.2693	A=E? 0.3774	A=F? 0.0887	A=G? 0.4701	A=H? 0.0903	A=CD? 0.3789	A=EF? 0.1589	A=GH? 0.1429	HOMO. 0.0850
1950-54	OBS. TOTAL	272	93	80	60	11	15	7	2	4	
	EXP.	104.5	104.5	78.5	48.5	15.6	12.2	6.1	2.9	3.7	
	OBS./EXP.		0.890	1.019	1.237	0.704	1.226	1.145	0.685	1.090	
	RELATIVE RISK		1.000	1.145	1.390	0.791	1.377	1.287	0.770	1.225	
	TEST PROB.	A=C? 0.0817	A=D? 0.6861	A=E? 0.2783	A=F? 0.4387	A=G? 0.6633	A=H? 0.4395	A=CD? 0.1515	A=EF? 0.2740	A=GH? 0.4484	HOMO. 0.4767
1955-58	OBS. TOTAL	231	80	74	38	16	8	7	1	7	
	EXP.	86.7	86.7	67.2	41.4	13.7	10.8	5.4	2.6	3.2	
	OBS./EXP.		0.923	1.102	0.917	1.167	0.741	1.296	0.386	2.202	
	RELATIVE RISK		1.000	1.194	0.994	1.265	0.803	1.605	0.418	2.386	
	TEST PROB.	A=C? 0.4859	A=D? 0.2922	A=E? 0.6381	A=F? 0.3117	A=G? 0.7830	A=H? 0.0931	A=CD? 0.6034	A=EF? 0.4781	A=GH? 0.2736	HOMO. 0.2722
1959-62	OBS. TOTAL	216	80	70	34	12	13	1	2	4	
	EXP.	83.0	83.0	61.5	38.5	12.2	9.3	4.5	2.2	2.8	
	OBS./EXP.		0.941	1.138	0.883	0.984	1.405	0.221	0.897	1.431	
	RELATIVE RISK		1.000	1.209	0.938	1.045	1.492	0.235	0.953	1.520	
	TEST PROB.	A=C? 0.6361	A=D? 0.4798	A=E? 0.2488	A=F? 0.9082	A=G? 0.5940	A=H? 0.4119	A=CD? 0.6033	A=EF? 0.4569	A=GH? 0.4476	HOMO. 0.4460
1963-66	OBS. TOTAL	269	90	84	50	18	10	10	3	4	
	EXP.	103.9	103.9	77.8	48.0	15.1	11.8	5.9	2.9	3.6	
	OBS./EXP.		0.866	1.079	1.041	1.189	0.848	1.703	1.040	1.120	
	RELATIVE RISK		1.000	1.246	1.202	1.373	0.979	1.965	1.201	1.293	
	TEST PROB.	A=C? 0.2338	A=D? 0.2389	A=E? 0.6121	A=F? 0.1013	A=G? 0.4101	A=H? 0.4387	A=CD? 0.1736	A=EF? 0.3022	A=GH? 0.4201	HOMO. 0.4907
1967-70	OBS. TOTAL	315	127	75	63	20	13	9	3	5	
	EXP.	122.6	122.6	90.1	55.9	17.9	14.0	6.9	3.4	4.2	
	OBS./EXP.		1.036	0.832	1.128	1.117	0.928	1.298	0.883	1.198	
	RELATIVE RISK		1.000	0.804	1.089	1.078	0.896	1.253	0.853	1.157	
	TEST PROB.	A=C? 0.4221	A=D? 0.4663	A=E? 0.7165	A=F? 0.4524	A=G? 0.6992	A=H? 0.4511	A=CD? 0.4006	A=EF? 0.6401	A=GH? 0.6235	HOMO. 0.6855
1971-74	OBS. TOTAL	387	154	97	70	24	21	11	4	6	
	EXP.	152.0	152.0	110.2	68.4	22.0	17.0	8.3	4.2	5.0	
	OBS./EXP.		1.013	0.880	1.024	1.092	1.235	1.331	0.962	1.194	
	RELATIVE RISK		1.000	0.868	1.010	1.078	1.219	1.314	0.950	1.179	
	TEST PROB.	A=C? 0.4788	A=D? 0.4062	A=E? 0.3053	A=F? 0.3027	A=G? 0.5181	A=H? 0.4658	A=CD? 0.4379	A=EF? 0.2270	A=GH? 0.4802	HOMO. 0.7835
1975-78	OBS. TOTAL	498	219	114	71	33	24	18	9	10	
	EXP.	195.8	195.8	142.1	88.0	28.3	21.6	10.4	5.3	6.4	
	OBS./EXP.		1.118	0.802	0.806	1.166	1.113	1.736	1.683	1.565	
	RELATIVE RISK		1.000	0.717	0.721	1.043	0.995	1.553	1.505	1.399	
	TEST PROB.	A=C? 0.9594	A=D? 0.4494	A=E? 0.5821	A=F? 0.1233	A=G? 0.2448	A=H? 0.2719	A=CD? 0.9110	A=EF? 0.3276	A=GH? 0.1514	HOMO. 0.0015

TABLE 4-5 ALL CAUSES

TABLE 4-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD								TRENDO.	
			A	B	C	D	E	F	G	H		
1950-78	OBS. TOTAL	7993	3149	2165	1571	453	320	139	78	118		
	EXP.	3188.3	2194.9	1548.0	445.0	336.1	129.6	60.7	90.6			
	OBS./EXP. RELATIVE RISK	0.988	0.986	1.015	1.018	0.952	1.073	1.286	1.303	1.303		
	TEST PROB.	0.2305	0.2357	0.5838	0.1650	0.0330	0.0115	0.1932	0.3723	0.0019	0.0204	0.0005
1950-54	OBS. EXP.	679	276	178	133	35	30	11	5	11		
	EXP.	266.2	188.8	132.6	37.9	28.4	11.3	5.6	8.1			
	OBS./EXP. RELATIVE RISK	1.037	0.943	1.003	0.923	1.058	0.977	0.890	1.351	1.303		
	TEST PROB.	0.6469	0.6525	0.4573	0.5674	0.6070	0.3365	0.6801	0.4775	0.6178	0.9326	0.2806
1955-58	OBS. EXP.	766	311	195	169	34	24	12	11	10		
	EXP.	304.9	210.8	148.2	42.8	31.8	12.3	6.2	9.0			
	OBS./EXP. RELATIVE RISK	1.020	0.925	1.140	0.794	0.755	0.973	1.786	1.109	1.088		
	TEST PROB.	0.1972	0.8316	0.8528	0.5037	0.1260	0.4630	0.3456	0.8066	0.2078	0.0991	0.3669
1959-62	OBS. EXP.	871	331	259	158	56	34	9	11	13		
	EXP.	344.2	240.9	167.3	49.5	37.5	14.5	6.8	10.3			
	OBS./EXP. RELATIVE RISK	0.962	1.075	0.944	1.132	0.907	0.623	1.613	1.260	1.311		
	TEST PROB.	0.5501	0.1620	0.5531	0.8101	0.1127	0.2433	0.3908	0.6952	0.0850	0.2455	0.2595
1963-66	OBS. EXP.	1059	384	306	203	72	45	24	12	13		
	EXP.	420.2	291.7	203.0	59.6	46.1	17.8	8.0	12.7			
	OBS./EXP. RELATIVE RISK	0.914	1.049	1.000	1.209	0.976	1.351	1.506	1.026	1.123		
	TEST PROB.	0.2076	0.0285	0.3436	0.0558	0.0835	0.3592	0.0777	0.1362	0.1167	0.1259	0.0427
1967-70	OBS. EXP.	1340	531	357	258	77	57	24	12	24		
	EXP.	535.3	365.5	258.7	74.9	57.9	22.4	9.9	15.5			
	OBS./EXP. RELATIVE RISK	0.992	0.977	0.997	1.028	0.984	1.073	1.214	1.549	1.561		
	TEST PROB.	0.4668	0.3955	0.3938	0.2989	0.2474	0.0402	0.4746	0.3032	0.0326	0.5688	0.0191
1971-74	OBS. EXP.	1502	605	390	287	85	68	30	14	23		
	EXP.	602.1	411.9	292.7	82.1	62.7	24.3	10.6	15.7			
	OBS./EXP. RELATIVE RISK	1.005	0.947	0.981	1.035	1.085	1.233	1.324	1.468	1.461		
	TEST PROB.	0.5712	0.4435	0.3479	0.2529	0.2814	0.1208	0.5254	0.2358	0.0895	0.3297	0.0044
1975-78	OBS. EXP.	1776	711	480	363	94	62	29	13	24		
	EXP.	720.0	486.5	345.3	96.3	73.1	26.5	11.7	16.6			
	OBS./EXP. RELATIVE RISK	0.987	0.987	1.051	0.976	0.849	1.092	1.110	1.449	1.467		
	TEST PROB.	0.2301	0.5088	0.8255	0.3556	0.4382	0.1000	0.2620	0.7116	0.1234	0.4444	0.1037

TABLE 4-6 ALL CAUSES

TABLE 4-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	11551	4785	3272	2238	607	367	129	61	92		
	EXP.	4718.6	3256.4	2280.0	645.8	358.6	145.4	63.2	83.0			
	OBS./EXP.	1.014	1.005	0.982	0.940	1.024	0.887	0.965	1.108			
	RELATIVE RISK	1.000	0.991	0.968	0.927	1.009	0.875	0.952	1.093			
	TEST PROB.	A=C? 0.8776	A=D? 0.9034	A=E? 0.4618	A=F? 0.8730	A=G? 0.6354	A=H? 0.2878	A=CD? 0.9318	A=EF? 0.6743	A=GH? 0.4095	HOMO. 0.3523	TREND. 0.6687
1950-54	OBS. EXP.	1820	774	527	329	74	72	12	11	21		
	EXP.	728.6	526.5	358.3	99.4	59.8	22.4	10.0	15.0			
	OBS./EXP.	1.062	1.001	0.918	0.744	1.205	0.536	1.096	1.401			
	RELATIVE RISK	1.000	0.942	0.864	0.701	1.134	0.504	1.031	1.319			
	TEST PROB.	A=C? 0.9639	A=D? 0.9869	A=E? 0.3167	A=F? 0.9714	A=G? 0.4915	A=H? 0.2332	A=CD? 0.9913	A=EF? 0.6877	A=GH? 0.2884	HOMO. 0.0020	TREND. 0.5116
1955-58	OBS. EXP.	2028	823	601	397	98	59	24	8	18		
	EXP.	820.2	577.7	400.8	113.0	64.7	25.6	10.8	15.1			
	OBS./EXP.	1.003	1.040	0.991	0.867	0.912	0.937	0.738	1.192			
	RELATIVE RISK	1.000	1.037	0.987	0.864	0.909	0.934	0.735	1.188			
	TEST PROB.	A=C? 0.6125	A=D? 0.8765	A=E? 0.7383	A=F? 0.6518	A=G? 0.7888	A=H? 0.3528	A=CD? 0.7442	A=EF? 0.7376	A=GH? 0.5505	HOMO. 0.6416	TREND. 0.7465
1959-62	OBS. EXP.	1927	787	566	364	105	62	20	9	14		
	EXP.	782.8	541.2	380.3	112.8	60.8	24.1	10.9	14.1			
	OBS./EXP.	1.005	1.046	0.957	0.931	1.020	0.830	0.823	0.990			
	RELATIVE RISK	1.000	1.040	0.952	0.926	1.014	0.826	0.818	0.984			
	TEST PROB.	A=C? 0.7548	A=D? 0.6942	A=E? 0.4806	A=F? 0.7653	A=G? 0.6957	A=H? 0.5393	A=CD? 0.7813	A=EF? 0.6439	A=GH? 0.6380	HOMO. 0.8159	TREND. 0.8201
1963-66	OBS. EXP.	1877	740	516	385	127	60	21	12	16		
	EXP.	774.1	518.6	372.5	104.7	57.8	25.2	10.8	13.3			
	OBS./EXP.	0.956	0.995	1.034	1.213	1.037	0.833	1.107	1.203			
	RELATIVE RISK	1.000	1.041	1.081	1.269	1.085	0.871	1.158	1.258			
	TEST PROB.	A=C? 0.2011	A=D? 0.0305	A=E? 0.3116	A=F? 0.6687	A=G? 0.3781	A=H? 0.3009	A=CD? 0.0779	A=EF? 0.4078	A=GH? 0.2484	HOMO. 0.2545	TREND. 0.1206
1967-70	OBS. EXP.	1572	633	460	316	72	50	22	11	8		
	EXP.	656.7	433.5	308.0	87.6	46.6	21.3	8.1	10.2			
	OBS./EXP.	0.964	1.061	1.026	0.822	1.074	1.031	1.354	0.783			
	RELATIVE RISK	1.000	1.101	1.064	0.853	1.114	1.069	1.404	0.812			
	TEST PROB.	A=C? 0.2912	A=D? 0.7986	A=E? 0.2463	A=F? 0.4131	A=G? 0.2243	A=H? 0.6946	A=CD? 0.4467	A=EF? 0.2113	A=GH? 0.4328	HOMO. 0.3282	TREND. 0.5441
1971-74	OBS. EXP.	1329	580	353	247	80	38	17	3	11		
	EXP.	550.8	368.7	262.6	75.0	39.2	17.7	7.0	8.1			
	OBS./EXP.	1.053	0.957	0.941	1.066	0.970	0.963	0.427	1.352			
	RELATIVE RISK	1.000	0.909	0.893	1.013	0.921	0.914	0.405	1.284			
	TEST PROB.	A=C? 0.8857	A=D? 0.5328	A=E? 0.7102	A=F? 0.6597	A=G? 0.9191	A=H? 0.3284	A=CD? 0.8457	A=EF? 0.7170	A=GH? 0.6891	HOMO. 0.3436	TREND. 0.5709
1975-78	OBS. EXP.	998	448	249	200	51	26	13	7	4		
	EXP.	405.8	281.3	203.0	56.4	28.6	11.9	6.1	5.0			
	OBS./EXP.	1.104	0.885	0.985	0.905	0.910	1.096	1.142	0.803			
	RELATIVE RISK	1.000	0.802	0.893	0.820	0.824	0.993	1.035	0.728			
	TEST PROB.	A=C? 0.8782	A=D? 0.8345	A=E? 0.7070	A=F? 0.4630	A=G? 0.4414	A=H? 0.7036	A=CD? 0.9206	A=EF? 0.6483	A=GH? 0.5702	HOMO. 0.1274	TREND. 0.7226

TABLE 4-7 ALL CAUSES

TABLE 4-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	11762	4736	3342	2080	612	503	207	102	180		
	EXP.	4673.8	3326.9	2152.0	662.9	513.1	201.9	90.6	140.9			
	OBS./EXP.	1.013	1.005	0.967	0.923	0.980	1.025	1.126	1.278			
	RELATIVE RISK	1.000	0.991	0.954	0.911	0.967	1.012	1.111	1.261			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8943	0.9160	0.6265	0.4123	0.1959	0.0116	0.9489	0.5575	0.0110	0.0042	0.0076
1950-54	OBS.	1612	697	447	277	58	82	13	10	28		
	EXP.	641.0	463.1	296.9	86.8	67.3	25.8	11.8	19.3			
	OBS./EXP.	1.087	0.965	0.933	0.668	1.219	0.505	0.844	1.449			
	RELATIVE RISK	1.000	0.888	0.858	0.615	1.121	0.464	0.776	1.333			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9455	0.9953	0.2460	0.9847	0.7455	0.1832	0.9922	0.6564	0.3630	0.0001	0.5014
1955-58	OBS.	1711	676	494	335	81	58	31	15	21		
	EXP.	682.8	486.6	315.2	94.8	71.1	28.0	12.4	20.0			
	OBS./EXP.	0.990	1.015	1.063	0.854	0.816	1.105	1.207	1.052			
	RELATIVE RISK	1.000	1.025	1.073	0.863	0.824	1.116	1.220	1.062			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2381	0.8372	0.8667	0.3819	0.3612	0.4720	0.3935	0.7503	0.3795	0.4256	0.4984
1959-62	OBS.	1662	667	496	285	84	68	23	15	24		
	EXP.	657.9	470.8	305.1	97.8	71.4	27.1	12.4	19.6			
	OBS./EXP.	1.014	1.054	0.934	0.859	0.953	0.849	1.214	1.222			
	RELATIVE RISK	1.000	1.039	0.921	0.847	0.940	0.837	1.197	1.205			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8097	0.8165	0.6215	0.7087	0.3088	0.2580	0.8796	0.6962	0.1893	0.3870	0.4415
1963-66	OBS.	1771	674	521	306	124	71	34	16	25		
	EXP.	702.5	496.7	326.8	102.6	77.0	30.8	13.4	21.2			
	OBS./EXP.	0.959	1.049	0.936	1.209	0.922	1.104	1.192	1.180			
	RELATIVE RISK	1.000	1.093	0.976	1.260	0.961	1.151	1.242	1.230			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5614	0.0292	0.5079	0.2175	0.2302	0.2131	0.2665	0.3652	0.1351	0.1435	0.0968
1967-70	OBS.	1723	682	508	302	85	76	34	14	22		
	EXP.	682.3	479.7	317.2	100.1	78.0	31.9	13.0	20.9			
	OBS./EXP.	1.000	1.059	0.952	0.849	0.975	1.066	1.080	1.054			
	RELATIVE RISK	1.000	1.059	0.953	0.849	0.975	1.067	1.081	1.055			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7130	0.8553	0.4836	0.4107	0.4385	0.4384	0.8265	0.4005	0.3814	0.6196	0.5040
1971-74	OBS.	1643	657	440	296	98	75	36	11	30		
	EXP.	652.1	457.3	301.4	93.8	74.7	30.7	13.4	19.6			
	OBS./EXP.	1.008	0.962	0.982	1.045	1.004	1.173	0.821	1.527			
	RELATIVE RISK	1.000	0.955	0.975	1.037	0.996	1.164	0.815	1.515			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6138	0.3622	0.5293	0.2931	0.7154	0.0594	0.5247	0.4190	0.1815	0.3095	0.0205
1975-78	OBS.	1640	683	436	279	82	73	36	21	30		
	EXP.	653.1	462.0	297.1	92.4	75.4	29.2	13.9	16.9			
	OBS./EXP.	1.046	0.944	0.939	0.888	0.968	1.234	1.510	1.776			
	RELATIVE RISK	1.000	0.902	0.898	0.849	0.925	1.180	1.444	1.699			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8512	0.8189	0.6475	0.1807	0.1165	0.0169	0.8958	0.4543	0.0081	0.0026	0.0004

TABLE 4-8 ALL CAUSES

TABLE 4-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS., TOTAL	11740	4694 4745.9	3226 3302.6	2392 2370.6	663 642.5	380 361.0	183 159.9	86 73.2	116 84.3		
	OBS./EXP. RELATIVE RISK		0.989 1.000	0.977 0.988	1.009 1.020	1.032 1.043	1.053 1.064	1.145 1.157	1.176 1.189	1.376 1.391		
	TEST PROB.	A=C? 0.3362	A=D? 0.2169	A=E? 0.2019	A=F? 0.0799	A=G? 0.1285	A=H? 0.0054	A=CD? 0.2406	A=EF? 0.0709	A=GH? 0.0040	HOMO, 0.0020	TREND, 0.0000
1950-54	OBS., EXP.	1422	562 554.1	401 413.2	281 288.1	75 79.9	50 46.1	23 20.2	13 9.3	17 11.0		
	OBS./EXP. RELATIVE RISK		1.014 1.000	0.971 0.957	0.975 0.962	0.938 0.925	1.083 1.068	1.137 1.121	1.401 1.382	1.544 1.522		
	TEST PROB.	A=C? 0.7593	A=D? 0.7035	A=E? 0.4808	A=F? 0.4575	A=G? 0.2697	A=H? 0.1588	A=CD? 0.7630	A=EF? 0.4587	A=GH? 0.1112	HOMO, 0.4780	TREND, 0.0154
1955-58	OBS., EXP.	1578	644 626.8	455 451.6	311 320.8	79 88.2	43 48.8	21 21.3	7 9.7	18 10.8		
	OBS./EXP. RELATIVE RISK		1.027 1.000	1.007 0.981	0.969 0.943	0.896 0.872	0.882 0.858	0.985 0.959	0.725 0.705	1.669 1.625		
	TEST PROB.	A=C? 0.7273	A=D? 0.8116	A=E? 0.7538	A=F? 0.5581	A=G? 0.7746	A=H? 0.0973	A=CD? 0.7996	A=EF? 0.7129	A=GH? 0.3180	HOMO, 0.3117	TREND, 0.2679
1959-62	OBS., EXP.	1556	610 632.7	459 435.5	300 316.9	96 86.6	54 44.8	15 20.0	8 9.4	14 10.1		
	OBS./EXP. RELATIVE RISK		0.964 1.000	1.054 1.093	0.947 0.982	1.109 1.150	1.207 1.252	0.750 0.778	0.849 0.880	1.384 1.435		
	TEST PROB.	A=C? 0.6109	A=D? 0.1623	A=E? 0.1549	A=F? 0.7953	A=G? 0.6390	A=H? 0.1912	A=CD? 0.4134	A=EF? 0.3378	A=GH? 0.3195	HOMO, 0.2311	TREND, 0.1841
1963-66	OBS., EXP.	1643	611 673.6	456 456.5	365 333.2	107 87.5	53 48.4	29 22.6	12 10.2	10 11.0		
	OBS./EXP. RELATIVE RISK		0.907 1.000	0.999 1.101	1.096 1.208	1.224 1.369	1.094 1.206	1.281 1.412	1.176 1.296	0.905 0.998		
	TEST PROB.	A=C? 0.0237	A=D? 0.0139	A=E? 0.1686	A=F? 0.1005	A=G? 0.2682	A=H? 0.4535	A=CD? 0.0061	A=EF? 0.0673	A=GH? 0.2959	HOMO, 0.0165	TREND, 0.0659
1967-70	OBS., EXP.	1732	679 716.5	461 480.7	378 345.3	93 92.0	56 51.2	28 23.8	14 10.6	23 11.9		
	OBS./EXP. RELATIVE RISK		0.948 1.000	0.959 1.012	1.095 1.155	1.011 1.067	1.094 1.154	1.175 1.240	1.326 1.399	1.925 2.031		
	TEST PROB.	A=C? 0.0664	A=D? 0.2871	A=E? 0.1839	A=F? 0.1892	A=G? 0.1748	A=H? 0.0062	A=CD? 0.0736	A=EF? 0.1042	A=GH? 0.0061	HOMO, 0.0070	TREND, 0.0001
1971-74	OBS., EXP.	1867	783 762.2	502 524.7	352 372.0	103 100.2	64 58.0	30 26.0	17 11.1	16 12.9		
	OBS./EXP. RELATIVE RISK		1.027 1.000	0.957 0.931	0.946 0.921	1.028 1.001	1.104 1.074	1.153 1.123	1.538 1.497	1.238 1.206		
	TEST PROB.	A=C? 0.8041	A=D? 0.5887	A=E? 0.3600	A=F? 0.3466	A=G? 0.1464	A=H? 0.3266	A=CD? 0.7835	A=EF? 0.2674	A=GH? 0.1277	HOMO, 0.3093	TREND, 0.0244
1975-78	OBS., EXP.	1942	805 787.2	492 544.0	405 391.7	110 104.0	60 62.0	37 26.2	15 12.1	18 14.9		
	OBS./EXP. RELATIVE RISK		1.023 1.000	0.904 0.884	1.034 1.011	1.058 1.035	0.967 0.946	1.414 1.383	1.243 1.215	1.208 1.181		
	TEST PROB.	A=C? 0.4995	A=D? 0.4091	A=E? 0.6319	A=F? 0.0763	A=G? 0.3216	A=H? 0.3157	A=CD? 0.4468	A=EF? 0.3200	A=GH? 0.2283	HOMO, 0.0776	TREND, 0.0246

TABLE 4-9 ALL CAUSES

TABLE 4-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	18471	8423	4671	3366	918	566	222	121	184		
	EXP.	8389.3	4769.7	3429.0	913.5	544.5	195.8	93.6	135.6			
	OBS./EXP. RELATIVE RISK	1.004	0.979	0.982	1.005	1.039	1.134	1.293	1.357			
	TEST PROB.	1.000	0.975	0.978	1.001	1.035	1.129	1.288	1.351			
		A=C? 0.7894	A=D? 0.4980	A=E? 0.2985	A=F? 0.1056	A=G? 0.0256	A=H? 0.0021	A=CD? 0.7526	A=EF? 0.1386	A=GH? 0.0003	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	2317	1097	597	389	96	85	16	16	21		
	EXP.	1051.3	606.2	423.2	113.7	68.7	23.9	12.1	18.0			
	OBS./EXP. RELATIVE RISK	1.043	0.985	0.919	0.845	1.238	0.670	1.321	1.169			
	TEST PROB.	1.000	0.944	0.881	0.809	1.186	0.642	1.266	1.121			
		A=C? 0.9399	A=D? 0.9255	A=E? 0.1681	A=F? 0.9131	A=G? 0.2995	A=H? 0.4082	A=CD? 0.9715	A=EF? 0.4236	A=GH? 0.2780	HOMO. 0.0227	TREND. 0.3189
1955-58	OBS. TOTAL	2568	1172	663	486	113	67	33	13	21		
	EXP.	1166.6	667.3	473.2	128.0	74.6	26.7	13.0	18.6			
	OBS./EXP. RELATIVE RISK	1.005	0.994	1.027	0.883	0.899	1.235	0.999	1.131			
	TEST PROB.	1.000	0.989	1.022	0.879	0.894	1.229	0.995	1.126			
		A=C? 0.3922	A=D? 0.8357	A=E? 0.7487	A=F? 0.2206	A=G? 0.5314	A=H? 0.3865	A=CD? 0.5529	A=EF? 0.5563	A=GH? 0.4197	HOMO. 0.6741	TREND. 0.3483
1959-62	OBS. TOTAL	2552	1151	691	434	137	78	19	17	25		
	EXP.	1157.9	657.5	473.0	131.3	74.7	26.7	13.0	17.8			
	OBS./EXP. RELATIVE RISK	0.994	1.051	0.918	1.043	1.044	0.712	1.307	1.401			
	TEST PROB.	1.000	1.057	0.923	1.050	1.050	0.716	1.315	1.410			
		A=C? 0.8512	A=D? 0.3636	A=E? 0.4047	A=F? 0.8677	A=G? 0.2392	A=H? 0.1293	A=CD? 0.7696	A=EF? 0.6202	A=GH? 0.0849	HOMO. 0.0953	TREND. 0.1065
1963-66	OBS. TOTAL	2697	1166	694	510	171	78	38	20	20		
	EXP.	1229.2	689.5	503.5	133.3	79.1	29.9	13.2	19.2			
	OBS./EXP. RELATIVE RISK	0.949	1.007	1.013	1.283	0.986	1.271	1.516	1.039			
	TEST PROB.	1.000	1.061	1.068	1.352	1.039	1.340	1.598	1.096			
		A=C? 0.1907	A=D? 0.0042	A=E? 0.4375	A=F? 0.1127	A=G? 0.0762	A=H? 0.4267	A=CD? 0.0366	A=EF? 0.2168	A=GH? 0.1307	HOMO. 0.0040	TREND. 0.0115
1967-70	OBS. TOTAL	2709	1220	693	501	117	97	35	17	29		
	EXP.	1239.8	689.4	505.9	132.8	78.9	29.7	12.7	19.7			
	OBS./EXP. RELATIVE RISK	0.984	1.005	0.990	0.881	1.230	1.177	1.335	1.476			
	TEST PROB.	1.000	1.022	1.006	0.895	1.250	1.196	1.357	1.500			
		A=C? 0.4788	A=D? 0.8021	A=E? 0.0758	A=F? 0.2483	A=G? 0.2051	A=H? 0.0715	A=CD? 0.6086	A=EF? 0.0565	A=GH? 0.0435	HOMO. 0.0518	TREND. 0.0017
1971-74	OBS. TOTAL	2756	1274	657	510	142	86	37	17	33		
	EXP.	1254.4	707.4	519.1	133.3	79.3	29.5	13.3	19.7			
	OBS./EXP. RELATIVE RISK	1.016	0.929	0.982	1.065	1.085	1.255	1.281	1.676			
	TEST PROB.	1.000	0.914	0.967	1.049	1.068	1.236	1.261	1.651			
		A=C? 0.6824	A=D? 0.3532	A=E? 0.3402	A=F? 0.1995	A=G? 0.2778	A=H? 0.0214	A=CD? 0.6007	A=EF? 0.2095	A=GH? 0.0235	HOMO. 0.0115	TREND. 0.0001
1975-78	OBS. TOTAL	2872	1343	676	536	142	75	44	21	35		
	EXP.	1289.0	749.1	545.8	140.1	85.5	28.9	14.6	19.1			
	OBS./EXP. RELATIVE RISK	1.042	0.902	0.982	1.014	0.877	1.521	1.443	1.835			
	TEST PROB.	1.000	0.866	0.943	0.973	0.842	1.460	1.385	1.761			
		A=C? 0.8086	A=D? 0.6082	A=E? 0.8554	A=F? 0.0390	A=G? 0.1611	A=H? 0.0094	A=CD? 0.7996	A=EF? 0.4860	A=GH? 0.0071	HOMO. 0.0000	TREND. 0.0000

TABLE 4-10 ALL CAUSES

TABLE 4-10

		NAGASAKI, MALE + FEMALE, ALL AGES										
		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	5031	1007	1897	1106	357	317	168	67	112		
	EXP.	1030.3	1859.8	1093.6	391.9	329.6	166.0	70.1	89.6			
	OBS./EXP.	0.977	1.020	1.011	0.911	0.962	1.012	0.955	1.250			
	RELATIVE RISK	1.000	1.044	1.035	0.932	0.984	1.036	0.977	1.279			
	TEST PROB.	A=C? 0.3476	A=D? 0.8101	A=E? 0.5982	A=F? 0.4081	A=G? 0.5633	A=H? 0.0364	A=CD? 0.5126	A=EF? 0.5280	A=GH? 0.1116	HOMO. 0.1296	TREND. 0.1323
1950-54	OBS.	717	162	251	169	37	47	20	7	24		
	EXP.	143.8	270.1	161.9	53.1	44.7	22.1	9.0	12.4			
	OBS./EXP.	1.127	0.929	1.044	0.697	1.051	0.905	0.777	1.939			
	RELATIVE RISK	1.000	0.825	0.927	0.619	0.932	0.804	0.689	1.721			
	TEST PROB.	A=C? 0.7200	A=D? 0.9749	A=E? 0.6447	A=F? 0.7834	A=G? 0.7761	A=H? 0.0391	A=CD? 0.8883	A=EF? 0.7455	A=GH? 0.1804	HOMO. 0.0037	TREND. 0.0405
1955-58	OBS.	721	148	286	160	47	34	19	9	18		
	EXP.	143.0	270.9	162.9	55.0	45.3	22.6	9.1	12.2			
	OBS./EXP.	1.035	1.056	0.982	0.854	0.750	0.839	0.992	1.477			
	RELATIVE RISK	1.000	1.020	0.949	0.825	0.725	0.811	0.958	1.427			
	TEST PROB.	A=C? 0.6502	A=D? 0.8278	A=E? 0.9038	A=F? 0.7593	A=G? 0.5650	A=H? 0.1759	A=CD? 0.7428	A=EF? 0.9105	A=GH? 0.2729	HOMO. 0.2734	TREND. 0.5206
1959-62	OBS.	666	126	264	151	43	44	19	6	13		
	EXP.	132.7	248.8	149.0	53.1	41.4	20.4	8.8	11.9			
	OBS./EXP.	0.950	1.061	1.013	0.810	1.043	0.931	0.684	1.090			
	RELATIVE RISK	1.000	1.118	1.067	0.853	1.120	0.981	0.720	1.148			
	TEST PROB.	A=C? 0.3818	A=D? 0.7620	A=E? 0.3677	A=F? 0.5462	A=G? 0.7534	A=H? 0.4146	A=CD? 0.4839	A=EF? 0.4117	A=GH? 0.5640	HOMO. 0.7013	TREND. 0.6578
1963-66	OBS.	717	119	293	161	60	46	25	8	15		
	EXP.	146.8	263.8	156.4	56.7	46.3	23.5	10.4	13.0			
	OBS./EXP.	0.810	1.073	1.029	1.059	0.993	1.062	0.767	1.155			
	RELATIVE RISK	1.000	1.324	1.270	1.306	1.225	1.310	0.946	1.426			
	TEST PROB.	A=C? 0.1108	A=D? 0.1175	A=E? 0.2196	A=F? 0.2212	A=G? 0.5761	A=H? 0.2138	A=CD? 0.0799	A=EF? 0.1525	A=GH? 0.3074	HOMO. 0.2966	TREND. 0.3312
1967-70	OBS.	746	141	276	179	61	35	27	11	16		
	EXP.	159.0	271.0	156.5	59.2	50.3	26.0	10.8	13.2			
	OBS./EXP.	0.887	1.018	1.144	1.030	0.696	1.039	1.020	1.216			
	RELATIVE RISK	1.000	1.148	1.290	1.161	0.784	1.172	1.151	1.371			
	TEST PROB.	A=C? 0.0654	A=D? 0.2416	A=E? 0.8525	A=F? 0.3639	A=G? 0.4344	A=H? 0.2210	A=CD? 0.0673	A=EF? 0.7125	A=GH? 0.2261	HOMO. 0.1216	TREND. 0.4926
1971-74	OBS.	754	166	285	138	59	53	29	11	13		
	EXP.	159.9	274.5	154.2	60.6	53.4	27.2	11.2	12.9			
	OBS./EXP.	1.038	1.038	0.895	0.974	0.992	1.065	0.983	1.009			
	RELATIVE RISK	1.000	1.000	0.862	0.938	0.955	1.026	0.947	0.972			
	TEST PROB.	A=C? 0.8327	A=D? 0.6568	A=E? 0.6004	A=F? 0.4879	A=G? 0.5730	A=H? 0.5456	A=CD? 0.8283	A=EF? 0.5489	A=GH? 0.5636	HOMO. 0.9142	TREND. 0.5016
1975-78	OBS.	710	145	252	148	50	58	29	15	13		
	EXP.	151.2	256.9	143.1	56.3	52.0	26.4	11.4	12.7			
	OBS./EXP.	0.959	0.981	1.034	0.889	1.116	1.097	1.313	1.023			
	RELATIVE RISK	1.000	1.023	1.079	0.927	1.164	1.145	1.370	1.067			
	TEST PROB.	A=C? 0.3701	A=D? 0.6610	A=E? 0.2639	A=F? 0.3156	A=G? 0.2510	A=H? 0.4595	A=CD? 0.4599	A=EF? 0.2358	A=GH? 0.2937	HOMO. 0.8381	TREND. 0.1608

TABLE 4-11 ALL CAUSES

TABLE 4-11

HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	9156	4154	2430	1560	412	320	110	61	109		
	EXP.	4072.0	2464.2	1622.0	440.6	317.5	105.7	49.3	84.7			
	OBS./EXP. RELATIVE RISK	1.020 1.000	0.986 0.967	0.962 0.943	0.935 0.917	1.008 0.988	1.041 1.021	1.238 1.213	1.287 1.262			
	TEST PROB.	A=C? 0.9266	A=0? 0.8914	A=E? 0.5704	A=F? 0.4576	A=G? 0.1523	A=H? 0.0459	A=CD? 0.9578	A=EF? 0.5303	A=GH? 0.0240	HOMO. 0.0170	TREND. 0.0068
1950-54	OBS. EXP.	1258	609 561.3	323 341.7	201 220.7	39 58.5	60 43.1	5 14.0	7 6.8	14 11.8		
	OBS./EXP. RELATIVE RISK	1.085 1.000	0.945 0.871	0.911 0.839	0.667 0.615	1.393 1.284	0.358 0.330	1.027 0.947	1.185 1.092			
	TEST PROB.	A=C? 0.9432	A=0? 0.9854	A=E? 0.1024	A=F? 0.9748	A=G? 0.5767	A=H? 0.4676	A=CD? 0.9869	A=EF? 0.4166	A=GH? 0.4720	HOMO. 0.0003	TREND. 0.6151
1955-58	OBS. EXP.	1353	591 602.2	365 365.4	258 238.6	57 65.3	40 46.0	20 15.7	8 7.4	14 12.4		
	OBS./EXP. RELATIVE RISK	0.981 1.000	0.999 1.018	1.081 1.102	0.873 0.890	0.869 0.886	1.275 1.299	1.083 1.104	1.128 1.150			
	TEST PROB.	A=C? 0.1779	A=0? 0.7416	A=E? 0.7219	A=F? 0.2290	A=G? 0.4542	A=H? 0.4031	A=CD? 0.2899	A=EF? 0.5313	A=GH? 0.3724	HOMO. 0.6245	TREND. 0.2955
1959-62	OBS. EXP.	1297	591 575.9	366 347.6	206 228.8	56 66.1	41 45.4	12 14.9	11 7.1	14 11.4		
	OBS./EXP. RELATIVE RISK	1.026 1.000	1.053 1.026	0.901 0.877	0.848 0.826	0.903 0.880	0.808 0.787	1.556 1.516	1.224 1.193			
	TEST PROB.	A=C? 0.8865	A=0? 0.8516	A=E? 0.7300	A=F? 0.7494	A=G? 0.1947	A=H? 0.3586	A=CD? 0.9255	A=EF? 0.7886	A=GH? 0.1842	HOMO. 0.2283	TREND. 0.4099
1963-66	OBS. EXP.	1380	602 612.5	373 367.3	234 246.5	86 69.4	44 48.3	20 16.6	10 7.0	11 12.4		
	OBS./EXP. RELATIVE RISK	0.983 1.000	1.016 1.033	0.949 0.966	1.239 1.260	0.911 0.927	1.205 1.224	1.430 1.455	0.885 0.901			
	TEST PROB.	A=C? 0.6415	A=0? 0.0805	A=E? 0.6605	A=F? 0.2879	A=G? 0.2352	A=H? 0.6267	A=CD? 0.3864	A=EF? 0.4888	A=GH? 0.4072	HOMO. 0.3455	TREND. 0.2777
1967-70	OBS. EXP.	1317	591 585.2	365 348.8	219 236.9	48 65.7	56 45.7	17 15.7	7 6.5	14 12.6		
	OBS./EXP. RELATIVE RISK	1.010 1.000	1.046 1.036	0.925 0.916	0.731 0.724	1.226 1.214	1.083 1.073	1.070 1.060	1.113 1.103			
	TEST PROB.	A=C? 0.8004	A=0? 0.9454	A=E? 0.1815	A=F? 0.4761	A=G? 0.4441	A=H? 0.4405	A=CD? 0.9130	A=EF? 0.1916	A=GH? 0.4337	HOMO. 0.1794	TREND. 0.3299
1971-74	OBS. EXP.	1264	567 561.8	318 337.8	223 228.7	72 60.2	41 42.1	16 14.6	6 6.9	21 12.0		
	OBS./EXP. RELATIVE RISK	1.009 1.000	0.941 0.933	0.975 0.966	1.196 1.185	0.973 0.964	1.097 1.086	0.869 0.861	1.752 1.736			
	TEST PROB.	A=C? 0.6329	A=0? 0.1689	A=E? 0.5878	A=F? 0.4774	A=G? 0.4594	A=H? 0.0451	A=CD? 0.4625	A=EF? 0.5310	A=GH? 0.1218	HOMO. 0.1216	TREND. 0.0119
1975-78	OBS. EXP.	1287	603 566.9	320 351.6	219 232.9	54 59.8	38 44.9	20 13.5	12 7.2	21 10.1		
	OBS./EXP. RELATIVE RISK	1.064 1.000	0.910 0.856	0.940 0.884	0.903 0.849	0.846 0.795	1.477 1.389	1.662 1.562	2.078 1.953			
	TEST PROB.	A=C? 0.8807	A=0? 0.8187	A=E? 0.8493	A=F? 0.1679	A=G? 0.1673	A=H? 0.0167	A=CD? 0.9118	A=EF? 0.6490	A=GH? 0.0103	HOMO. 0.0003	TREND. 0.0002

TABLE 4-12 ALL CAUSES

TABLE 4-12

HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	Y=65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	9315	4269 4317.4	2241 2305.5	1806 1806.9	506 472.9	246 227.0	112 90.1	60 44.3	75 50.9		
	EXP.											
	OBS./EXP.		0.989	0.972	0.999	1.070	1.084	1.243	1.354	1.473		
	RELATIVE RISK		1.000	0.983	1.011	1.082	1.096	1.257	1.370	1.490		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3966	0.1163	0.1581	0.0458	0.0447	0.0073	0.2446	0.0428	0.0016	0.0001	0.0000
1950-54	OBS. TOTAL	1059	488 490.0	274 264.5	188 202.4	57 55.2	25 25.6	11 9.9	9 5.3	7 6.1		
	EXP.											
	OBS./EXP.		0.996	1.036	0.929	1.033	0.976	1.110	1.701	1.140		
	RELATIVE RISK		1.000	1.040	0.933	1.037	0.980	1.115	1.708	1.144		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7292	0.4452	0.5581	0.4865	0.1783	0.4583	0.6723	0.4767	0.2098	0.7365	0.1605
1955-58	OBS. TOTAL	1215	581 564.4	298 301.9	228 234.6	56 62.7	27 28.5	13 11.0	5 5.6	7 6.2		
	EXP.											
	OBS./EXP.		1.029	0.987	0.972	0.893	0.946	1.178	0.889	1.137		
	RELATIVE RISK		1.000	0.959	0.944	0.868	0.919	1.144	0.864	1.105		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7148	0.7816	0.6558	0.4274	0.6505	0.4439	0.7808	0.5658	0.5389	0.9529	0.4890
1959-62	OBS. TOTAL	1255	560 582.1	325 309.9	228 244.3	81 65.3	37 29.3	7 11.8	6 5.9	11 6.4		
	EXP.											
	OBS./EXP.		0.962	1.049	0.933	1.241	1.262	0.592	1.011	1.718		
	RELATIVE RISK		1.000	1.090	0.970	1.290	1.312	0.615	1.051	1.785		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6170	0.0668	0.1393	0.8472	0.4435	0.1064	0.3616	0.3364	0.1684	0.0479	0.0460
1963-66	OBS. TOTAL	1317	564 616.8	321 322.2	276 257.0	85 63.9	34 30.8	18 13.3	10 6.2	9 6.8		
	EXP.											
	OBS./EXP.		0.914	0.996	1.074	1.330	1.103	1.354	1.612	1.320		
	RELATIVE RISK		1.000	1.090	1.175	1.455	1.206	1.481	1.763	1.444		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0595	0.0106	0.2367	0.1386	0.1233	0.2569	0.0136	0.1108	0.0846	0.0091	0.0032
1967-70	OBS. TOTAL	1392	629 654.6	328 340.6	282 269.1	69 67.2	41 33.2	18 14.0	10 6.2	15 7.1		
	EXP.											
	OBS./EXP.		0.961	0.963	1.048	1.027	1.236	1.282	1.614	2.119		
	RELATIVE RISK		1.000	1.002	1.091	1.069	1.286	1.335	1.680	2.206		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2008	0.3698	0.1407	0.2181	0.1433	0.0165	0.1939	0.0880	0.0091	0.0177	0.0000
1971-74	OBS. TOTAL	1492	707 692.6	339 369.6	287 290.5	70 73.1	45 37.1	21 14.9	11 6.4	12 7.7		
	EXP.											
	OBS./EXP.		1.021	0.917	0.988	0.957	1.211	1.410	1.728	1.559		
	RELATIVE RISK		1.000	0.898	0.968	0.938	1.187	1.382	1.692	1.527		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6395	0.6559	0.2193	0.1638	0.1235	0.1625	0.6747	0.1159	0.0565	0.0596	0.0017
1975-78	OBS. TOTAL	1585	740 722.1	356 397.5	317 312.9	88 80.3	37 40.6	24 15.4	9 7.3	14 9.0		
	EXP.											
	OBS./EXP.		1.025	0.896	1.013	1.096	0.911	1.560	1.227	1.561		
	RELATIVE RISK		1.000	0.874	0.989	1.070	0.889	1.522	1.198	1.523		
	TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5623	0.3538	0.6938	0.0780	0.3956	0.1513	0.4913	0.3689	0.1507	0.0406	0.0085

TABLE 4-13 ALL CAUSES

TABLE 4-13

NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	2606	582	912	520	200	183	97	41	71		
	EXP.	601.8	862.7	529.9	222.3	195.6	96.2	41.3	56.2			
	OBS./EXP. RELATIVE RISK	0.967 1.000	1.057 1.093	0.981 1.015	0.900 0.930	0.936 0.968	1.008 1.042	0.993 1.027	1.264 1.307			
	TEST PROB.	A=C? 0.4576	A=D? 0.7438	A=E? 0.6328	A=F? 0.4343	A=G? 0.4487	A=H? 0.0694	A=CD? 0.5820	A=EF? 0.5659	A=GH? 0.1241	HOMO. 0.1356	TREND. 0.2066
1950-54	OBS. EXP.	354	88 79.7	124 121.3	76 76.2	19 28.3	22 24.2	8 11.8	3 5.0	14 7.5		
	OBS./EXP. RELATIVE RISK	1.104 1.000	1.022 0.925	0.998 0.904	0.671 0.608	0.909 0.823	0.680 0.615	0.597 0.540	1.865 1.689			
	TEST PROB.	A=C? 0.6815	A=D? 0.9320	A=E? 0.7686	A=F? 0.8744	A=G? 0.8175	A=H? 0.1248	A=CD? 0.8449	A=EF? 0.8679	A=GH? 0.3427	HOMO. 0.0956	TREND. 0.3522
1955-58	OBS. EXP.	358	85 80.6	129 121.2	77 76.6	24 29.5	18 25.1	11 12.4	7 5.0	7 7.6		
	OBS./EXP. RELATIVE RISK	1.055 1.000	1.064 1.009	1.005 0.952	0.813 0.770	0.718 0.680	0.890 0.844	1.390 1.317	0.926 0.878			
	TEST PROB.	A=C? 0.6282	A=D? 0.8147	A=E? 0.8836	A=F? 0.6892	A=G? 0.3863	A=H? 0.6487	A=CD? 0.7212	A=EF? 0.8739	A=GH? 0.4593	HOMO. 0.6712	TREND. 0.7715
1959-62	OBS. EXP.	365	76 82.0	130 123.2	79 76.4	28 31.7	27 25.9	11 12.2	4 5.3	10 8.2		
	OBS./EXP. RELATIVE RISK	0.927 1.000	1.055 1.138	1.034 1.116	0.882 0.952	1.041 1.123	0.900 0.971	0.757 0.816	1.218 1.314			
	TEST PROB.	A=C? 0.3382	A=D? 0.5906	A=E? 0.3961	A=F? 0.5441	A=G? 0.6591	A=H? 0.3364	A=CD? 0.4089	A=EF? 0.4261	A=GH? 0.4503	HOMO. 0.9397	TREND. 0.4879
1963-66	OBS. EXP.	391	72 90.1	148 129.5	72 80.3	38 33.1	27 28.7	14 14.2	6 6.4	14 8.8		
	OBS./EXP. RELATIVE RISK	0.799 1.000	1.143 1.430	0.897 1.122	1.147 1.435	0.941 1.177	0.986 1.233	0.933 1.167	1.599 2.001			
	TEST PROB.	A=C? 0.3617	A=D? 0.1022	A=E? 0.3224	A=F? 0.3386	A=G? 0.4549	A=H? 0.0528	A=CD? 0.2119	A=EF? 0.2696	A=GH? 0.0869	HOMO. 0.1093	TREND. 0.1130
1967-70	OBS. EXP.	406	91 97.1	143 130.9	83 80.3	37 34.5	20 32.3	17 16.2	7 6.4	8 8.3		
	OBS./EXP. RELATIVE RISK	0.937 1.000	1.092 1.166	1.034 1.103	1.073 1.145	0.619 0.661	1.050 1.120	1.091 1.164	0.965 1.029			
	TEST PROB.	A=C? 0.3593	A=D? 0.3334	A=E? 0.9013	A=F? 0.4673	A=G? 0.4811	A=H? 0.4474	A=CD? 0.3008	A=EF? 0.8044	A=GH? 0.4541	HOMO. 0.4332	TREND. 0.7565
1971-74	OBS. EXP.	379	90 90.3	122 119.5	73 72.7	26 33.6	34 32.6	20 16.1	5 6.5	9 7.7		
	OBS./EXP. RELATIVE RISK	0.996 1.000	1.021 1.025	1.003 1.007	0.775 0.778	1.043 1.047	1.243 1.247	0.770 0.772	1.175 1.179			
	TEST PROB.	A=C? 0.4789	A=D? 0.8180	A=E? 0.4890	A=F? 0.2863	A=G? 0.6956	A=H? 0.4348	A=CD? 0.6551	A=EF? 0.3505	A=GH? 0.5051	HOMO. 0.8303	TREND. 0.3280
1975-78	OBS. EXP.	353	80 86.2	116 110.4	60 64.2	28 32.6	35 30.5	16 15.6	9 6.7	9 6.8		
	OBS./EXP. RELATIVE RISK	0.928 1.000	1.051 1.132	0.934 1.006	0.859 0.926	1.146 1.235	1.023 1.102	1.346 1.450	1.327 1.430			
	TEST PROB.	A=C? 0.4760	A=D? 0.6304	A=E? 0.2426	A=F? 0.4297	A=G? 0.2941	A=H? 0.2937	A=CD? 0.5480	A=EF? 0.2557	A=GH? 0.1981	HOMO. 0.7720	TREND. 0.1136

TABLE 4-14 ALL CAUSES

TABLE 4-14

		NAGASAKI, FEMALE, ALL AGES										
		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
			A	B	C	D	E	F	G	H		
1950-78	OBS. TOTAL	2425	425	985	586	157	134	71	26	41		
	EXP.	428.5	997.1	563.7	169.7	134.0	69.7	28.9	33.4			
	OBS./EXP.	0.992	0.988	1.040	0.925	1.000	1.018	0.901	1.228			
	RELATIVE RISK	1.000	0.996	1.048	0.933	1.008	1.027	0.909	1.238			
	TEST PROB.	A=C? 0.3335	A=D? 0.7315	A=E? 0.4882	A=F? 0.4581	A=G? 0.6545	A=H? 0.1706	A=CD? 0.4401	A=EF? 0.4822	A=GH? 0.3239	HOMO. 0.7599	TREND. 0.2291
1950-54	OBS. TOTAL	363	74	127	93	18	25	12	4	10		
	EXP.	64.1	148.7	85.7	24.8	20.5	10.3	4.0	4.9			
	OBS./EXP.	1.154	0.854	1.085	0.727	1.217	1.163	1.004	2.054			
	RELATIVE RISK	1.000	0.740	0.940	0.630	1.055	1.007	0.869	1.779			
	TEST PROB.	A=C? 0.6567	A=D? 0.9122	A=E? 0.4518	A=F? 0.4583	A=G? 0.5967	A=H? 0.1136	A=CD? 0.7753	A=EF? 0.4585	A=GH? 0.2128	HOMO. 0.0480	TREND. 0.0152
1955-58	OBS. TOTAL	363	63	157	83	23	16	8	2	11		
	EXP.	62.4	149.7	86.2	25.5	20.2	10.3	4.0	4.6			
	OBS./EXP.	1.009	1.049	0.963	0.902	0.790	0.778	0.495	2.377			
	RELATIVE RISK	1.000	1.039	0.954	0.894	0.783	0.771	0.491	2.355			
	TEST PROB.	A=C? 0.6053	A=D? 0.6907	A=E? 0.7592	A=F? 0.7287	A=G? 0.8096	A=H? 0.0331	A=CD? 0.6475	A=EF? 0.7910	A=GH? 0.1979	HOMO. 0.0934	TREND. 0.1711
1959-62	OBS. TOTAL	301	50	134	72	15	17	8	2	3		
	EXP.	50.7	125.5	72.6	21.3	15.4	8.2	3.5	3.7			
	OBS./EXP.	0.987	1.067	0.991	0.703	1.101	0.979	0.573	0.808			
	RELATIVE RISK	1.000	1.082	1.005	0.713	1.116	0.992	0.580	0.819			
	TEST PROB.	A=C? 0.5216	A=D? 0.8260	A=E? 0.4954	A=F? 0.5423	A=G? 0.7676	A=H? 0.6427	A=CD? 0.6397	A=EF? 0.4666	A=GH? 0.7463	HOMO. 0.8328	TREND. 0.7590
1963-66	OBS. TOTAL	326	47	135	89	22	19	11	2	1		
	EXP.	56.8	134.3	76.2	23.6	17.6	9.3	4.0	4.2			
	OBS./EXP.	0.828	1.005	1.168	0.934	1.079	1.177	0.499	0.236			
	RELATIVE RISK	1.000	1.214	1.411	1.128	1.303	1.422	0.603	0.286			
	TEST PROB.	A=C? 0.0931	A=D? 0.4165	A=E? 0.2950	A=F? 0.2966	A=G? 0.7557	A=H? 0.8733	A=CD? 0.1256	A=EF? 0.2206	A=GH? 0.8796	HOMO. 0.3242	TREND. 0.8542
1967-70	OBS. TOTAL	340	50	133	96	24	15	10	4	8		
	EXP.	61.9	140.1	76.2	24.8	18.0	9.8	4.4	4.9			
	OBS./EXP.	0.808	0.949	1.260	0.968	0.832	1.021	0.917	1.643			
	RELATIVE RISK	1.000	1.175	1.559	1.199	1.030	1.264	1.135	2.033			
	TEST PROB.	A=C? 0.0384	A=D? 0.3153	A=E? 0.5340	A=F? 0.3970	A=G? 0.4252	A=H? 0.1287	A=CD? 0.0538	A=EF? 0.4732	A=GH? 0.1882	HOMO. 0.1469	TREND. 0.1764
1971-74	OBS. TOTAL	375	76	163	65	33	19	9	6	4		
	EXP.	69.6	155.0	81.5	27.0	20.8	11.1	4.7	5.2			
	OBS./EXP.	1.092	1.051	0.798	1.221	0.911	0.809	1.280	0.766			
	RELATIVE RISK	1.000	0.963	0.730	1.118	0.834	0.741	1.172	0.701			
	TEST PROB.	A=C? 0.9257	A=D? 0.3964	A=E? 0.7206	A=F? 0.7522	A=G? 0.4480	A=H? 0.7350	A=CD? 0.8440	A=EF? 0.7746	A=GH? 0.5955	HOMO. 0.3994	TREND. 0.7261
1975-78	OBS. TOTAL	357	65	136	88	22	23	13	6	4		
	EXP.	65.1	146.5	78.9	23.7	21.4	10.8	4.7	5.9			
	OBS./EXP.	0.999	0.928	1.116	0.929	1.072	1.206	1.266	0.675			
	RELATIVE RISK	1.000	0.929	1.117	0.929	1.073	1.207	1.267	0.676			
	TEST PROB.	A=C? 0.3513	A=D? 0.6264	A=E? 0.4768	A=F? 0.3564	A=G? 0.4442	A=H? 0.7556	A=CD? 0.4115	A=EF? 0.4004	A=GH? 0.5902	HOMO. 0.8192	TREND. 0.4275

TABLE 5-1 ALL NATURAL CAUSES

TABLE 5-1

		HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES										
		T=65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	22131	8859	6162	4245	1199	832	375	182	277		
TOTAL	EXP.	8873.3	6232.8	4270.5	1233.0	819.7	338.2	153.2	210.3			
	OBS./EXP.	0.998	0.989	0.994	0.972	1.015	1.109	1.188	1.317			
	RELATIVE RISK	1.000	0.990	0.996	0.974	1.017	1.111	1.190	1.319			
	TEST PROB.	A=C? 0.5991	A=D? 0.6804	A=E? 0.3235	A=F? 0.0629	A=G? 0.0396	A=H? 0.0004	A=CD? 0.6520	A=EF? 0.1212	A=GH? 0.0001	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS.	2830	1158	802	524	124	121	34	23	44		
	EXP.	1113.2	817.0	548.4	156.2	105.2	42.6	19.5	27.9			
	OBS./EXP.	1.040	0.982	0.956	0.794	1.151	0.799	1.178	1.575			
	RELATIVE RISK	1.000	0.944	0.919	0.763	1.106	0.768	1.133	1.514			
	TEST PROB.	A=C? 0.9159	A=D? 0.9824	A=E? 0.2802	A=F? 0.8990	A=G? 0.3855	A=H? 0.0395	A=CD? 0.9756	A=EF? 0.5412	A=GH? 0.0588	HOMO. 0.0010	TREND. 0.0289
1955-58	OBS.	3052	1219	878	608	148	94	49	21	35		
	EXP.	1213.7	869.8	593.2	170.8	110.6	45.4	20.3	28.2			
	OBS./EXP.	1.004	1.009	1.025	0.867	0.850	1.080	1.035	1.241			
	RELATIVE RISK	1.000	1.005	1.021	0.863	0.846	1.075	1.030	1.236			
	TEST PROB.	A=C? 0.3918	A=D? 0.9060	A=E? 0.8682	A=F? 0.3831	A=G? 0.4691	A=H? 0.2233	A=CD? 0.5944	A=EF? 0.7551	A=GH? 0.2818	HOMO. 0.3099	TREND. 0.3463
1959-62	OBS.	3024	1192	892	558	170	118	35	23	36		
	EXP.	1211.9	850.1	586.7	174.4	108.9	44.0	20.4	27.7			
	OBS./EXP.	0.984	1.049	0.951	0.975	1.084	0.795	1.129	1.300			
	RELATIVE RISK	1.000	1.067	0.967	0.991	1.102	0.808	1.148	1.322			
	TEST PROB.	A=C? 0.7039	A=D? 0.4973	A=E? 0.2314	A=F? 0.8130	A=G? 0.3155	A=H? 0.1138	A=CD? 0.6658	A=EF? 0.4439	A=GH? 0.1003	HOMO. 0.1993	TREND. 0.1579
1963-66	OBS.	3205	1214	905	637	215	112	61	27	34		
	EXP.	1291.9	893.2	621.5	179.1	117.4	49.9	22.0	30.0			
	OBS./EXP.	0.940	1.013	1.025	1.201	0.954	1.223	1.225	1.134			
	RELATIVE RISK	1.000	1.078	1.091	1.278	1.015	1.301	1.303	1.206			
	TEST PROB.	A=C? 0.1001	A=D? 0.0042	A=E? 0.4007	A=F? 0.0544	A=G? 0.1319	A=H? 0.2043	A=CD? 0.0180	A=EF? 0.1515	A=GH? 0.0831	HOMO. 0.0110	TREND. 0.0124
1967-70	OBS.	3266	1289	913	647	168	125	59	27	38		
	EXP.	1325.0	905.9	626.9	181.7	121.4	52.2	22.0	30.7			
	OBS./EXP.	0.973	1.008	1.032	0.924	1.030	1.130	1.225	1.236			
	RELATIVE RISK	1.000	1.036	1.061	0.950	1.058	1.161	1.259	1.271			
	TEST PROB.	A=C? 0.2177	A=D? 0.6444	A=E? 0.2452	A=F? 0.1856	A=G? 0.1749	A=H? 0.1314	A=CD? 0.3283	A=EF? 0.1359	A=GH? 0.0677	HOMO. 0.4298	TREND. 0.0277
1971-74	OBS.	3310	1365	875	610	191	135	65	26	43		
	EXP.	1336.1	923.9	636.1	183.0	124.6	53.0	22.8	30.5			
	OBS./EXP.	1.022	0.947	0.959	1.043	1.084	1.226	1.138	1.411			
	RELATIVE RISK	1.000	0.927	0.939	1.021	1.061	1.200	1.114	1.381			
	TEST PROB.	A=C? 0.8155	A=D? 0.4399	A=E? 0.3362	A=F? 0.1636	A=G? 0.3793	A=H? 0.0687	A=CD? 0.7487	A=EF? 0.1827	A=GH? 0.0819	HOMO. 0.0408	TREND. 0.0010
1975-78	OBS.	3444	1422	897	661	183	127	72	35	47		
	EXP.	1386.3	966.0	662.8	188.9	131.7	53.0	24.9	30.4			
	OBS./EXP.	1.026	0.929	0.997	0.969	0.964	1.360	1.403	1.546			
	RELATIVE RISK	1.000	0.905	0.972	0.945	0.940	1.326	1.368	1.507			
	TEST PROB.	A=C? 0.6841	A=D? 0.6679	A=E? 0.6708	A=F? 0.0288	A=G? 0.0931	A=H? 0.0188	A=CD? 0.7156	A=EF? 0.2856	A=GH? 0.0070	HOMO. 0.0002	TREND. 0.0000

TABLE 5-2 ALL NATURAL CAUSES

TABLE 5-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	318	113	87	61	16	12	17	1	11		
	EXP.	118.8	98.9	66.4	15.8	8.8	4.5	1.9	2.9			
	OBS./EXP.	0.951	0.880	0.919	1.016	1.369	3.752	0.527	3.747			
	RELATIVE RISK	1.000	0.925	0.966	1.068	1.439	3.945	0.554	3.940			
	TEST PROB.	A=C? 0.5797	A=D? 0.4726	A=E? 0.2510	A=F? 0.0002	A=G? 0.7461	A=H? 0.0022	A=CD? 0.5670	A=EF? 0.0043	A=GH? 0.0234	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	54	16	9	13	5	5	1	0	5		
	EXP.	18.9	17.4	11.6	2.8	1.6	0.9	0.3	0.6			
	OBS./EXP.	0.848	0.518	1.124	1.783	3.155	1.167	0.000	8.565			
	RELATIVE RISK	1.000	0.611	1.326	2.104	3.722	1.377	0.000	10.106			
	TEST PROB.	A=C? 0.3713	A=D? 0.2969	A=E? 0.0667	A=F? 0.4569	A=G? 0.8000	A=H? 0.0038	A=CD? 0.2741	A=EF? 0.1127	A=GH? 0.0274	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. EXP.	38	13	11	7	3	0	3	0	1		
	EXP.	13.0	12.4	8.2	2.0	1.1	0.6	0.2	0.4			
	OBS./EXP.	1.001	0.888	0.852	1.503	0.000	4.841	0.000	2.460			
	RELATIVE RISK	1.000	0.888	0.851	1.502	0.000	4.838	0.000	2.458			
	TEST PROB.	A=C? 0.5796	A=D? 0.4009	A=E? 0.8620	A=F? 0.1056	A=G? 0.7907	A=H? 0.2897	A=CD? 0.5267	A=EF? 0.4369	A=GH? 0.3335	HOMO. 0.0923	TREND. 0.0642
1959-62	OBS. EXP.	38	13	8	7	2	2	3	0	3		
	EXP.	14.0	11.9	8.0	1.9	1.1	0.6	0.2	0.4			
	OBS./EXP.	0.927	0.673	0.877	1.064	1.873	5.254	0.000	8.377			
	RELATIVE RISK	1.000	0.726	0.945	1.147	2.020	5.667	0.000	9.036			
	TEST PROB.	A=C? 0.4413	A=D? 0.3939	A=E? 0.4750	A=F? 0.0366	A=G? 0.7825	A=H? 0.0147	A=CD? 0.4377	A=EF? 0.0646	A=GH? 0.0649	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. EXP.	32	15	6	6	1	1	2	0	1		
	EXP.	11.5	10.2	6.8	1.6	0.9	0.5	0.2	0.3			
	OBS./EXP.	1.303	0.590	0.883	0.617	1.089	4.170	0.000	3.228			
	RELATIVE RISK	1.000	0.453	0.678	0.474	0.836	3.201	0.000	2.477			
	TEST PROB.	A=C? 0.7779	A=D? 0.7745	A=E? 0.6289	A=F? 0.3316	A=G? 0.7888	A=H? 0.2821	A=CD? 0.8235	A=EF? 0.4164	A=GH? 0.3207	HOMO. 0.2052	TREND. 0.0769
1967-70	OBS. EXP.	45	16	15	7	2	3	0	1	1		
	EXP.	17.4	13.7	9.3	2.2	1.2	0.6	0.3	0.4			
	OBS./EXP.	0.921	1.091	0.755	0.915	2.534	0.000	3.913	2.590			
	RELATIVE RISK	1.000	1.185	0.820	0.994	2.752	0.000	4.250	2.813			
	TEST PROB.	A=C? 0.7214	A=D? 0.5733	A=E? 0.2774	A=F? 0.8260	A=G? 0.2721	A=H? 0.2934	A=CD? 0.6788	A=EF? 0.4568	A=GH? 0.3016	HOMO. 0.3910	TREND. 0.0693
1971-74	OBS. EXP.	50	15	20	9	2	1	3	0	0		
	EXP.	19.4	15.2	10.3	2.4	1.3	0.7	0.3	0.4			
	OBS./EXP.	0.772	1.315	0.877	0.832	0.753	4.504	0.000	0.000			
	RELATIVE RISK	1.000	1.702	1.135	1.077	0.975	5.830	0.000	0.000			
	TEST PROB.	A=C? 0.4383	A=D? 0.3948	A=E? 0.3673	A=F? 0.0454	A=G? 0.7797	A=H? 0.7869	A=CD? 0.4417	A=EF? 0.1545	A=GH? 0.8028	HOMO. 0.1050	TREND. 0.3409
1975-78	OBS. EXP.	61	25	18	12	1	0	5	0	0		
	EXP.	24.6	18.1	12.3	2.9	1.5	0.7	0.3	0.5			
	OBS./EXP.	1.015	0.993	0.976	0.348	0.000	6.740	0.000	0.000			
	RELATIVE RISK	1.000	0.979	0.962	0.343	0.000	6.661	0.000	0.000			
	TEST PROB.	A=C? 0.5662	A=D? 0.8444	A=E? 0.8810	A=F? 0.0038	A=G? 0.7966	A=H? 0.8148	A=CD? 0.6650	A=EF? 0.1916	A=GH? 0.8398	HOMO. 0.0002	TREND. 0.2548

TABLE 5-3 ALL NATURAL CAUSES

TABLE 5-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR CLASS	OBS. EXP.	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	975	337	298	152	40	63	36	21	28			
TOTAL	EXP.	360.5	303.7	156.3	51.0	54.0	25.0	10.5	14.0			
	OBS./EXP.	0.935	0.981	0.972	0.784	1.166	1.439	2.006	2.007			
	RELATIVE RISK	1.000	1.050	1.040	0.839	1.248	1.540	2.166	2.147			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3429	0.7590	0.0924	0.0393	0.0086	0.0022	0.4471	0.0235	0.0001	0.0000	0.0000
1950-54	144	63	39	17	5	6	5	5	6			
	EXP.	51.4	44.7	23.4	8.0	8.7	4.1	1.6	2.1			
	OBS./EXP.	1.226	0.872	0.728	0.627	0.688	1.220	3.058	1.909			
	RELATIVE RISK	1.000	0.711	0.593	0.511	0.561	0.995	2.494	1.556			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9350	0.8829	0.8597	0.4790	0.1308	0.3860	0.9595	0.7931	0.1239	0.0235	0.0710
1955-58	133	55	36	25	3	7	5	1	1			
	EXP.	48.8	41.3	21.4	7.1	7.6	3.6	1.4	1.9			
	OBS./EXP.	1.127	0.872	1.170	0.425	0.923	1.407	0.690	0.526			
	RELATIVE RISK	1.000	0.774	1.038	0.377	0.819	1.249	0.612	0.467			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4758	0.9019	0.5842	0.3952	0.6947	0.7634	0.6550	0.4581	0.7697	0.5714	0.7488
1959-62	89	27	28	14	3	10	3	1	3			
	EXP.	34.4	26.8	14.5	4.5	4.5	2.1	0.9	1.2			
	OBS./EXP.	0.785	1.044	0.965	0.665	2.203	1.452	1.053	2.467			
	RELATIVE RISK	1.000	1.330	1.229	0.847	2.806	1.850	1.342	3.143			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3362	0.5845	0.0405	0.4497	0.3669	0.1690	0.3539	0.0623	0.2175	0.0917	0.0068
1963-66	107	32	40	19	5	5	5	0	1			
	EXP.	38.4	33.2	17.4	5.9	6.3	2.9	1.2	1.6			
	OBS./EXP.	0.832	1.203	1.089	0.849	0.795	1.716	0.000	0.636			
	RELATIVE RISK	1.000	1.445	1.308	1.021	0.955	2.062	0.000	0.764			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2792	0.5788	0.4809	0.2369	0.8456	0.6634	0.3326	0.3347	0.7987	0.5407	0.6524
1967-70	127	35	43	25	5	7	6	1	5			
	EXP.	46.7	39.8	20.3	6.7	7.1	3.3	1.4	1.8			
	OBS./EXP.	0.749	1.081	1.232	0.752	0.989	1.825	0.728	2.729			
	RELATIVE RISK	1.000	1.443	1.644	1.003	1.320	2.436	0.972	3.643			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0971	0.4310	0.3437	0.1118	0.4400	0.0270	0.1292	0.1477	0.0712	0.0752	0.0098
1971-74	170	56	59	20	9	11	5	6	4			
	EXP.	62.2	53.9	26.9	8.9	9.4	4.4	1.8	2.5			
	OBS./EXP.	0.900	1.094	0.742	1.016	1.164	1.147	3.325	1.611			
	RELATIVE RISK	1.000	1.215	0.825	1.129	1.293	1.274	3.693	1.789			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6961	0.4680	0.3725	0.4390	0.0264	0.2933	0.6033	0.3555	0.0331	0.0488	0.0084
1975-78	205	69	53	32	10	17	7	7	10			
	EXP.	78.7	63.8	32.5	10.1	10.4	4.7	2.0	2.8			
	OBS./EXP.	0.876	0.831	0.986	0.993	1.638	1.480	3.421	3.601			
	RELATIVE RISK	1.000	0.948	1.125	1.133	1.869	1.689	3.904	4.110			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3288	0.4012	0.0364	0.1360	0.0062	0.0006	0.3197	0.0212	0.0000	0.0000	0.0000

TABLE 5-4 ALL NATURAL CAUSES

TABLE 5-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T=65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-19 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2024	785 786.6	546 579.8	351 360.5	127 115.7	96 89.2	58 43.9	23 21.6	38 26.6		
	OBS./EXP. RELATIVE RISK		0.998 1.000	0.942 0.944	0.974 0.976	1.098 1.100	1.076 1.078	1.321 1.324	1.064 1.066	1.426 1.429		
	TEST PROB.	A=C? 0.6077	A=0? 0.2490	A=E? 0.4138	A=F? 0.1052	A=G? 0.4857	A=H? 0.0858	A=CD? 0.4603	A=EF? 0.1853	A=GH? 0.1241	HOMO. 0.0585	TREND. 0.0008
1950-54	OBS. EXP.	247	85 94.5	73 71.3	53 44.2	11 14.3	13 11.2	6 5.6	2 2.7	4 3.3		
	OBS./EXP. RELATIVE RISK		0.900 1.000	1.023 1.137	1.200 1.333	0.770 0.856	1.165 1.294	1.077 1.197	0.751 0.835	1.194 1.327		
	TEST PROB.	A=C? 0.1369	A=0? 0.6316	A=E? 0.3673	A=F? 0.4368	A=G? 0.6405	A=H? 0.4729	A=CD? 0.2050	A=EF? 0.3672	A=GH? 0.4370	HOMO. 0.7569	TREND. 0.3515
1955-58	OBS. EXP.	209	70 78.0	67 60.9	35 37.8	16 12.5	6 9.8	7 4.9	1 2.3	7 2.9		
	OBS./EXP. RELATIVE RISK		0.898 1.000	1.100 1.226	0.927 1.032	1.279 1.425	0.614 0.684	1.441 1.605	0.426 0.475	2.420 2.696		
	TEST PROB.	A=C? 0.4741	A=0? 0.2052	A=E? 0.7266	A=F? 0.2435	A=G? 0.7571	A=H? 0.0653	A=CD? 0.3280	A=EF? 0.4561	A=GH? 0.2098	HOMO. 0.1098	TREND. 0.0481
1959-62	OBS. EXP.	196	72 76.6	63 55.7	30 35.1	12 11.3	12 8.5	1 4.2	2 2.1	4 2.6		
	OBS./EXP. RELATIVE RISK		0.939 1.000	1.132 1.205	0.855 0.910	1.062 1.131	1.406 1.497	0.239 0.255	0.972 1.035	1.566 1.667		
	TEST PROB.	A=C? 0.6552	A=0? 0.4757	A=E? 0.2545	A=F? 0.8937	A=G? 0.4842	A=H? 0.3495	A=CD? 0.5845	A=EF? 0.4589	A=GH? 0.3671	HOMO. 0.4579	TREND. 0.3340
1963-66	OBS. EXP.	241	83 92.8	74 70.1	44 43.3	16 13.5	8 10.5	9 5.2	3 2.6	4 3.2		
	OBS./EXP. RELATIVE RISK		0.895 1.000	1.056 1.181	1.017 1.137	1.184 1.323	0.764 0.854	1.744 1.950	1.175 1.313	1.251 1.398		
	TEST PROB.	A=C? 0.3115	A=0? 0.2841	A=E? 0.7121	A=F? 0.1304	A=G? 0.4102	A=H? 0.4643	A=CD? 0.2423	A=EF? 0.4153	A=GH? 0.3618	HOMO. 0.5874	TREND. 0.1289
1967-70	OBS. EXP.	290	119 113.4	69 82.9	56 51.5	19 16.4	13 12.7	7 6.2	3 3.1	4 3.8		
	OBS./EXP. RELATIVE RISK		1.045 1.000	0.833 0.794	1.088 1.036	1.160 1.105	1.022 0.974	1.120 1.068	0.975 0.929	1.049 1.000		
	TEST PROB.	A=C? 0.4768	A=0? 0.4932	A=E? 0.6341	A=F? 0.5991	A=G? 0.6555	A=H? 0.6119	A=CD? 0.4650	A=EF? 0.6169	A=GH? 0.6597	HOMO. 0.8297	TREND. 0.3526
1971-74	OBS. EXP.	360	144 141.6	90 102.5	64 63.7	21 20.4	21 15.7	10 7.6	4 3.8	6 4.7		
	OBS./EXP. RELATIVE RISK		1.017 1.000	0.878 0.863	1.005 0.989	1.031 1.014	1.339 1.317	1.316 1.294	1.044 1.027	1.288 1.267		
	TEST PROB.	A=C? 0.4797	A=0? 0.4664	A=E? 0.2446	A=F? 0.3294	A=G? 0.4372	A=H? 0.4320	A=CD? 0.4803	A=EF? 0.1917	A=GH? 0.4056	HOMO. 0.7033	TREND. 0.0795
1975-78	OBS. EXP.	481	212 189.6	110 137.1	69 84.9	32 27.3	23 20.8	18 10.0	8 5.1	9 6.2		
	OBS./EXP. RELATIVE RISK		1.118 1.000	0.802 0.718	0.812 0.727	1.174 1.050	1.108 0.991	1.805 1.615	1.555 1.391	1.462 1.308		
	TEST PROB.	A=C? 0.9551	A=0? 0.4627	A=E? 0.6023	A=F? 0.1137	A=G? 0.3260	A=H? 0.3431	A=CD? 0.9056	A=EF? 0.3271	A=GH? 0.2239	HOMO. 0.0027	TREND. 0.0042

TABLE 5-5 ALL NATURAL CAUSES

TABLE 5-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	Y=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	7602	2991	2056	1495	428	306	138	77	111		
	EXP.	3029.5	2088.4	1473.4	423.6	319.6	123.5	57.8	86.2			
	OBS./EXP.	0.987	0.984	1.015	1.010	0.958	1.118	1.332	1.288			
	RELATIVE RISK	1.000	0.997	1.028	1.023	0.970	1.132	1.349	1.305			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2450	0.2852	0.5633	0.1008	0.0219	0.0175	0.2157	0.2989	0.0020	0.0136	0.0003
1950-54	OBS.	622	246	170	122	31	28	10	5	10		
	EXP.	243.2	173.3	122.0	34.8	25.9	10.3	5.1	7.4			
	OBS./EXP.	1.012	0.981	1.000	0.892	1.082	0.968	0.971	1.346			
	RELATIVE RISK	1.000	0.970	0.989	0.881	1.070	0.957	0.960	1.331			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5922	0.6764	0.4118	0.5685	0.5323	0.3456	0.6373	0.4306	0.3864	0.9787	0.2604
1955-58	OBS.	714	289	183	156	30	24	12	11	9		
	EXP.	283.4	196.8	138.4	40.0	29.7	11.6	5.8	8.4			
	OBS./EXP.	1.020	0.930	1.127	0.750	0.809	1.039	1.906	1.069			
	RELATIVE RISK	1.000	0.912	1.105	0.735	0.793	1.018	1.869	1.049			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2341	0.8710	0.7938	0.4588	0.1006	0.4519	0.4054	0.7244	0.2069	0.1060	0.3118
1959-62	OBS.	819	309	244	149	52	38	9	11	12		
	EXP.	323.2	226.8	157.5	46.5	35.3	13.6	6.4	9.7			
	OBS./EXP.	0.956	1.076	0.946	1.117	0.936	0.661	1.712	1.237			
	RELATIVE RISK	1.000	1.125	0.989	1.169	0.979	0.691	1.791	1.293			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5291	0.1927	0.4746	0.7767	0.0911	0.2744	0.3900	0.6308	0.0843	0.2712	0.2156
1963-66	OBS.	1001	364	284	192	70	42	24	12	13		
	EXP.	396.1	276.2	192.1	56.4	43.7	16.9	7.5	12.0			
	OBS./EXP.	0.919	1.028	0.999	1.240	0.962	1.422	1.584	1.082			
	RELATIVE RISK	1.000	1.119	1.088	1.350	1.047	1.547	1.723	1.178			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2275	0.0238	0.3831	0.0409	0.0679	0.3169	0.0803	0.1380	0.0892	0.0869	0.0204
1967-70	OBS.	1277	507	338	249	73	54	24	12	20		
	EXP.	509.6	348.5	246.7	71.4	55.2	21.4	9.4	14.8			
	OBS./EXP.	0.995	0.970	1.010	1.022	0.978	1.123	1.270	1.353			
	RELATIVE RISK	1.000	0.975	1.015	1.027	0.983	1.129	1.277	1.360			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4429	0.4302	0.4247	0.2563	0.2208	0.1222	0.4681	0.3047	0.0719	0.8475	0.0536
1971-74	OBS.	1444	590	367	275	82	64	30	13	23		
	EXP.	579.9	395.5	281.1	78.8	60.2	23.3	10.1	15.0			
	OBS./EXP.	1.017	0.928	0.978	1.040	1.040	1.063	1.288	1.285			
	RELATIVE RISK	1.000	0.912	0.961	1.023	1.045	1.266	1.263	1.505			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6342	0.4651	0.4167	0.2181	0.3278	0.1025	0.5869	0.2645	0.0893	0.1836	0.0032
1975-78	OBS.	1725	686	470	352	90	61	29	13	24		
	EXP.	698.6	472.7	335.5	93.7	71.1	25.9	11.4	16.1			
	OBS./EXP.	0.982	0.994	1.049	0.961	0.858	1.120	1.137	1.488			
	RELATIVE RISK	1.000	1.012	1.069	0.978	0.874	1.141	1.158	1.515			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2280	0.5332	0.7963	0.3102	0.4030	0.0811	0.2627	0.6580	0.0975	0.3889	0.0718

TABLE 5-6 ALL NATURAL CAUSES

TABLE 5-6

		HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+										
		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	11212	4633	3175	2186	588	355	126	60	89		
	EXP.	4577.9	3161.9	2213.8	627.0	348.1	141.3	61.4	80.6			
	OBS./EXP.	1.012	1.004	0.987	0.938	1.020	0.892	0.977	1.104			
	RELATIVE RISK	1.000	0.992	0.976	0.927	1.008	0.881	0.966	1.091			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8235	0.9010	0.4777	0.8584	0.6018	0.2961	0.9005	0.6766	0.3948	0.4655	0.6500
1950-54	OBS. TOTAL	1763	748	511	319	72	69	12	11	21		
	EXP.	705.4	510.2	347.3	96.4	57.8	21.7	9.7	14.5			
	OBS./EXP.	1.060	1.002	0.918	0.747	1.193	0.553	1.131	1.450			
	RELATIVE RISK	1.000	0.944	0.866	0.705	1.125	0.521	1.067	1.367			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9591	0.9847	0.3377	0.9647	0.4565	0.1942	0.9894	0.6904	0.2382	0.0029	0.4358
1955-58	OBS. TOTAL	1958	792	581	385	96	57	22	8	17		
	EXP.	790.5	558.5	387.4	109.2	62.5	24.8	10.5	14.6			
	OBS./EXP.	1.002	1.040	0.994	0.879	0.912	0.888	0.763	1.166			
	RELATIVE RISK	1.000	1.038	0.992	0.877	0.910	0.886	0.762	1.164			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5824	0.8552	0.7391	0.7181	0.7692	0.3914	0.7081	0.7701	0.5642	0.7149	0.7745
1959-62	OBS. TOTAL	1882	771	549	358	101	61	19	9	14		
	EXP.	763.7	529.0	371.6	110.2	59.5	23.6	10.7	13.9			
	OBS./EXP.	1.010	1.038	0.963	0.916	1.026	0.806	0.841	1.011			
	RELATIVE RISK	1.000	1.028	0.954	0.908	1.016	0.798	0.833	1.001			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7458	0.7394	0.4820	0.7919	0.6800	0.4885	0.7923	0.6583	0.6137	0.8335	0.8138
1963-66	OBS. TOTAL	1824	720	501	376	123	56	21	12	15		
	EXP.	753.0	503.5	361.9	101.6	56.1	24.5	10.5	12.9			
	OBS./EXP.	0.956	0.995	1.039	1.210	0.998	0.858	1.141	1.163			
	RELATIVE RISK	1.000	1.041	1.087	1.266	1.044	0.898	1.194	1.216			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1982	0.0333	0.4010	0.6364	0.3532	0.3491	0.0770	0.4706	0.2668	0.3078	0.1481
1967-70	OBS. TOTAL	1527	612	448	310	69	48	22	10	8		
	EXP.	637.9	421.1	299.2	85.1	45.2	20.7	7.9	9.9			
	OBS./EXP.	0.959	1.064	1.036	0.811	1.061	1.061	1.267	0.806			
	RELATIVE RISK	1.000	1.109	1.080	0.845	1.106	1.106	1.320	0.840			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2505	0.8142	0.2703	0.3731	0.2862	0.6723	0.4145	0.2136	0.4720	0.3150	0.5501
1971-74	OBS. TOTAL	1286	560	339	242	77	38	17	3	10		
	EXP.	532.9	356.7	254.1	72.6	37.9	17.1	6.8	7.9			
	OBS./EXP.	1.051	0.950	0.953	1.061	1.002	0.995	0.441	1.268			
	RELATIVE RISK	1.000	0.904	0.906	1.009	0.953	0.947	0.419	1.206			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8457	0.5218	0.6356	0.6004	0.9082	0.3912	0.8056	0.6300	0.7132	0.4678	0.5649
1975-78	OBS. TOTAL	972	430	246	196	50	26	13	7	4		
	EXP.	394.7	274.2	197.7	55.0	28.0	11.6	6.0	4.9			
	OBS./EXP.	1.089	0.897	0.991	0.910	0.930	1.118	1.166	0.821			
	RELATIVE RISK	1.000	0.824	0.910	0.835	0.853	1.026	1.071	0.754			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8363	0.8098	0.6650	0.4241	0.4538	0.6872	0.8866	0.5938	0.5284	0.2841	0.6540

TABLE 5-7 ALL NATURAL CAUSES

TABLE 5-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	10910	4360	3081	1953	578	472	195	99	172	
	EXP.		4336.0	3075.8	2002.0	618.7	476.9	186.5	83.8	130.3	
	OBS./EXP.		1.006	1.002	0.976	0.934	0.990	1.046	1.181	1.320	
	RELATIVE RISK		1.000	0.996	0.970	0.929	0.984	1.040	1.175	1.312	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.7709	0.8479	0.5078	0.3028	0.1073	0.0042	0.8564	0.4114	0.0026	0.0032	0.0006
1950-54	OBS.	1467	615	418	257	54	74	12	10	27	
	EXP.		582.7	420.5	271.8	79.5	61.1	23.3	10.7	17.5	
	OBS./EXP.		1.055	0.994	0.946	0.679	1.211	0.516	0.936	1.546	
	RELATIVE RISK		1.000	0.942	0.896	0.644	1.147	0.489	0.887	1.465	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.8608	0.9881	0.2134	0.9726	0.6374	0.1021	0.9667	0.5773	0.2056	0.0007	0.3063
1955-58	OBS.	1552	604	449	308	75	52	29	14	21	
	EXP.		617.7	440.2	287.6	86.9	64.8	25.4	11.2	18.1	
	OBS./EXP.		0.978	1.020	1.071	0.863	0.802	1.142	1.246	1.161	
	RELATIVE RISK		1.000	1.043	1.095	0.882	0.820	1.168	1.275	1.187	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.1866	0.8033	0.8578	0.3305	0.3296	0.3483	0.3160	0.7195	0.2631	0.3247	0.3081
1959-62	OBS.	1534	613	449	269	81	65	20	15	22	
	EXP.		606.4	432.8	282.8	91.4	66.2	25.0	11.4	18.1	
	OBS./EXP.		1.011	1.037	0.951	0.886	0.981	0.801	1.316	1.216	
	RELATIVE RISK		1.000	1.026	0.941	0.877	0.971	0.793	1.302	1.203	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.7431	0.7778	0.5475	0.7595	0.2334	0.2717	0.8130	0.6752	0.1629	0.5638	0.3704
1963-66	OBS.	1629	627	465	286	114	65	32	15	25	
	EXP.		645.7	455.3	301.6	95.2	71.2	28.2	12.3	19.5	
	OBS./EXP.		0.971	1.021	0.948	1.197	0.913	1.133	1.220	1.285	
	RELATIVE RISK		1.000	1.052	0.976	1.233	0.940	1.167	1.256	1.323	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.5640	0.0449	0.5565	0.2104	0.2319	0.1474	0.2922	0.3914	0.0983	0.2473	0.0472
1967-70	OBS.	1607	635	473	283	79	72	32	14	19	
	EXP.		638.1	445.6	296.0	93.7	72.7	29.5	12.0	19.4	
	OBS./EXP.		0.995	1.062	0.956	0.843	0.991	1.083	1.166	0.980	
	RELATIVE RISK		1.000	1.067	0.961	0.847	0.996	1.089	1.172	0.985	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.6656	0.8523	0.4223	0.3617	0.3429	0.4688	0.7980	0.3336	0.3881	0.6053	0.5183
1971-74	OBS.	1547	620	408	279	95	72	35	10	28	
	EXP.		615.4	428.8	284.5	88.5	70.3	28.7	12.5	18.4	
	OBS./EXP.		1.008	0.951	0.981	1.074	1.025	1.221	0.798	1.521	
	RELATIVE RISK		1.000	0.944	0.973	1.066	1.017	1.212	0.792	1.510	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.6168	0.3024	0.4906	0.2351	0.7297	0.0656	0.4905	0.3462	0.2002	0.2435	0.0152
1975-78	OBS.	1574	646	419	271	80	72	35	21	30	
	EXP.		627.9	442.3	285.3	88.8	72.3	27.9	13.4	16.1	
	OBS./EXP.		1.029	0.947	0.950	0.901	0.996	1.252	1.568	1.862	
	RELATIVE RISK		1.000	0.921	0.923	0.875	0.968	1.217	1.524	1.809	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.7706	0.7571	0.5372	0.1476	0.0845	0.0085	0.8228	0.3405	0.0034	0.0018	0.0001

TABLE 5-8 ALL NATURAL CAUSES

TABLE 5-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	11221	4499	3081	2292	621	360	180	83	105			
	EXP.	4537.3	3157.0	2268.5	614.3	342.8	151.7	69.4	80.0			
	OBS./EXP.	0.992	0.976	1.010	1.011	1.050	1.187	1.196	1.313			
	RELATIVE RISK	1.000	0.984	1.019	1.020	1.059	1.197	1.206	1.324			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3628	0.3661	0.2385	0.0470	0.1152	0.0202	0.3188	0.0674	0.0095	0.0059	0.0000
1950-54	1363	543	384	267	70	47	22	13	17			
	EXP.	530.5	396.5	276.6	76.7	44.1	19.3	8.8	10.5			
	OBS./EXP.	1.024	0.968	0.965	0.912	1.067	1.139	1.472	1.622			
	RELATIVE RISK	1.000	0.946	0.943	0.891	1.042	1.113	1.439	1.585			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8129	0.7741	0.5293	0.4678	0.2367	0.1327	0.8337	0.4818	0.0852	0.3000	0.0115
1955-58	1500	615	429	300	73	42	20	7	14			
	EXP.	596.0	429.6	305.6	83.9	45.8	20.0	9.1	10.1			
	OBS./EXP.	1.032	0.999	0.982	0.870	0.917	1.002	0.772	1.385			
	RELATIVE RISK	1.000	0.968	0.951	0.844	0.889	0.971	0.748	1.342			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6978	0.8529	0.7000	0.5379	0.7397	0.2708	0.7991	0.6662	0.4765	0.7113	0.4494
1959-62	1490	579	443	289	89	53	15	8	14			
	EXP.	605.6	417.3	303.8	83.1	42.6	19.1	9.0	9.6			
	OBS./EXP.	0.956	1.062	0.951	1.071	1.243	0.787	0.892	1.458			
	RELATIVE RISK	1.000	1.110	0.995	1.121	1.300	0.823	0.933	1.525			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5513	0.2112	0.1027	0.7336	0.5746	0.1384	0.3985	0.2352	0.2341	0.1930	0.1120
1963-66	1576	587	440	351	101	47	29	12	9			
	EXP.	646.2	437.9	319.9	83.8	46.2	21.6	9.7	10.5			
	OBS./EXP.	0.908	1.005	1.097	1.205	1.016	1.340	1.231	0.855			
	RELATIVE RISK	1.000	1.106	1.208	1.326	1.119	1.475	1.355	0.941			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0271	0.0224	0.2992	0.0775	0.2365	0.5426	0.0084	0.1108	0.3087	0.0215	0.0949
1967-70	1659	654	440	364	89	53	27	13	19			
	EXP.	686.9	460.4	330.9	88.0	48.7	22.7	10.0	11.4			
	OBS./EXP.	0.952	0.956	1.100	1.011	1.088	1.190	1.295	1.673			
	RELATIVE RISK	1.000	1.004	1.155	1.062	1.142	1.250	1.360	1.757			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0732	0.3081	0.2177	0.1934	0.2097	0.0376	0.0832	0.1273	0.0280	0.0565	0.0014
1971-74	1763	745	467	331	96	63	30	16	15			
	EXP.	720.7	495.0	351.6	94.6	54.3	24.3	10.3	12.1			
	OBS./EXP.	1.034	0.943	0.941	1.015	1.160	1.233	1.550	1.244			
	RELATIVE RISK	1.000	0.913	0.911	0.982	1.122	1.193	1.500	1.203			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8332	0.6227	0.2985	0.2805	0.1589	0.3487	0.8233	0.1958	0.1422	0.1515	0.0134
1975-78	1870	776	478	390	103	55	37	14	17			
	EXP.	758.4	523.7	377.5	100.0	59.4	25.0	11.6	14.3			
	OBS./EXP.	1.023	0.913	1.033	1.030	0.926	1.480	1.211	1.189			
	RELATIVE RISK	1.000	0.892	1.010	1.006	0.905	1.446	1.184	1.163			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4922	0.4849	0.7213	0.0587	0.3652	0.3490	0.4898	0.3658	0.2671	0.0804	0.0365

TABLE 5-9 ALL NATURAL CAUSES

TABLE 5-9

		HIROSHIMA, MALE + FEMALE, ALL AGES										
YEAR CLASS		T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	17409	7920	4394	3199	860	531	214	118	173		
	EXP.		7907.7	4485.3	3239.5	865.2	513.0	184.0	87.6	126.7		
	OBS./EXP.		1.002	0.980	0.987	0.994	1.035	1.163	1.348	1.366		
	RELATIVE RISK		1.000	0.978	0.986	0.992	1.033	1.161	1.346	1.364		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6921	0.5679	0.3117	0.0641	0.0116	0.0020	0.6887	0.1176	0.0001	0.0000	0.0000
1950-54	OBS.	2155	1009	564	365	88	76	16	16	21		
	EXP.		978.3	562.1	395.0	106.4	63.6	22.0	11.1	16.4		
	OBS./EXP.		1.031	1.003	0.924	0.827	1.195	0.726	1.439	1.278		
	RELATIVE RISK		1.000	0.973	0.896	0.802	1.159	0.704	1.395	1.239		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9052	0.9278	0.2162	0.8606	0.2078	0.2778	0.9552	0.4299	0.1493	0.0464	0.1768
1955-58	OBS.	2378	1081	614	457	103	62	30	12	19		
	EXP.		1080.6	615.9	439.8	119.4	68.9	24.6	11.9	16.9		
	OBS./EXP.		1.000	0.997	1.039	0.862	0.900	1.221	1.010	1.124		
	RELATIVE RISK		1.000	0.997	1.039	0.862	0.900	1.220	1.009	1.124		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3222	0.8596	0.7297	0.2418	0.4832	0.3949	0.4935	0.5502	0.4179	0.6273	0.3708
1959-62	OBS.	2395	1075	646	413	128	76	16	17	23		
	EXP.		1086.8	615.1	445.3	124.2	70.1	24.9	12.1	16.5		
	OBS./EXP.		0.990	1.050	0.928	1.031	1.084	0.642	1.406	1.394		
	RELATIVE RISK		1.000	1.061	0.937	1.041	1.095	0.648	1.420	1.408		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7975	0.3973	0.3121	0.9071	0.1732	0.1398	0.7220	0.5769	0.0686	0.0754	0.0963
1963-66	OBS.	2532	1101	642	483	161	70	37	19	19		
	EXP.		1154.4	645.1	474.2	125.9	74.3	28.0	12.3	17.8		
	OBS./EXP.		0.954	0.995	1.019	1.279	0.943	1.321	1.547	1.066		
	RELATIVE RISK		1.000	1.043	1.068	1.341	0.988	1.385	1.622	1.118		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1950	0.0064	0.5551	0.0910	0.0757	0.4103	0.0430	0.2787	0.1233	0.0049	0.0106
1967-70	OBS.	2571	1159	657	479	109	91	34	17	25		
	EXP.		1176.9	653.3	480.8	126.5	74.8	28.2	12.0	18.6		
	OBS./EXP.		0.985	1.006	0.996	0.862	1.217	1.206	1.414	1.348		
	RELATIVE RISK		1.000	1.021	1.012	0.875	1.235	1.224	1.435	1.368		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4521	0.8381	0.0956	0.2233	0.1627	0.1547	0.6074	0.0645	0.0710	0.0900	0.0055
1971-74	OBS.	2610	1210	613	484	135	84	37	16	31		
	EXP.		1187.7	668.9	492.6	126.7	75.3	27.9	12.5	18.6		
	OBS./EXP.		1.019	0.916	0.983	1.065	1.116	1.326	1.283	1.669		
	RELATIVE RISK		1.000	0.900	0.964	1.046	1.096	1.302	1.259	1.638		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6962	0.3694	0.2849	0.1413	0.2862	0.0263	0.6185	0.1456	0.0283	0.0053	0.0001
1975-78	OBS.	2768	1284	658	518	136	72	44	21	35		
	EXP.		1242.1	721.7	526.4	135.2	82.4	27.9	14.0	18.4		
	OBS./EXP.		1.034	0.912	0.984	1.006	0.874	1.579	1.498	1.907		
	RELATIVE RISK		1.000	0.882	0.952	0.973	0.845	1.527	1.449	1.845		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7634	0.6061	0.8458	0.0242	0.1281	0.0054	0.7597	0.4472	0.0035	0.0000	0.0000

TABLE 5-10 ALL NATURAL CAUSES

TABLE 5-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS., TOTAL	4722	939	1768	1046	339	301	161	64	104		
	EXP.		965.6	1747.5	1030.9	367.8	306.7	154.2	65.6	83.6		
	OBS./EXP. RELATIVE RISK		0.973 1.000	1.012 1.040	1.015 1.043	0.922 0.948	0.981 1.009	1.044 1.073	0.975 1.003	1.244 1.279		
	TEST PROB.	A=C? 0.3178	A=D? 0.7474	A=E? 0.4739	A=F? 0.2937	A=G? 0.4878	A=H? 0.0407	A=CD? 0.4510	A=EF? 0.3759	A=GH? 0.1040	HOMO, 0.2395	TREND, 0.0670
1950-54	OBS., TOTAL	675	149	238	159	36	45	18	7	23		
	EXP.		134.9	254.9	153.4	49.8	41.6	20.5	8.4	11.5		
	OBS./EXP. RELATIVE RISK		1.104 1.000	0.934 0.846	1.036 0.938	0.723 0.655	1.082 0.980	0.877 0.794	0.834 0.755	1.998 1.809		
	TEST PROB.	A=C? 0.6921	A=D? 0.9562	A=E? 0.5505	A=F? 0.7839	A=G? 0.7271	A=H? 0.0283	A=CD? 0.8532	A=EF? 0.6824	A=GH? 0.1332	HOMO, 0.0071	TREND, 0.0255
1955-58	OBS., TOTAL	674	138	264	151	45	32	19	9	16		
	EXP.		133.1	253.9	153.4	51.4	41.7	20.8	8.4	11.3		
	OBS./EXP. RELATIVE RISK		1.037 1.000	1.040 1.003	0.984 0.949	0.876 0.845	0.767 0.739	0.914 0.881	1.070 1.032	1.417 1.366		
	TEST PROB.	A=C? 0.6464	A=D? 0.7940	A=E? 0.8734	A=F? 0.6653	A=G? 0.4530	A=H? 0.2268	A=CD? 0.7227	A=EF? 0.8601	A=GH? 0.2867	HOMO, 0.5345	TREND, 0.4430
1959-62	OBS., TOTAL	629	116	246	145	42	42	19	6	13		
	EXP.		125.1	234.9	141.4	50.2	38.8	19.1	8.3	11.2		
	OBS./EXP. RELATIVE RISK		0.927 1.000	1.047 1.130	1.026 1.106	0.836 0.902	1.084 1.169	0.995 1.073	0.725 0.782	1.162 1.254		
	TEST PROB.	A=C? 0.3120	A=D? 0.6845	A=E? 0.3026	A=F? 0.4603	A=G? 0.7067	A=H? 0.3296	A=CD? 0.4107	A=EF? 0.3098	A=GH? 0.4736	HOMO, 0.7796	TREND, 0.4649
1963-66	OBS., TOTAL	673	113	263	154	54	42	24	8	15		
	EXP.		137.5	248.1	147.3	53.2	43.2	21.9	9.8	12.2		
	OBS./EXP. RELATIVE RISK		0.822 1.000	1.060 1.290	1.046 1.272	1.016 1.236	0.973 1.183	1.097 1.335	0.819 0.997	1.233 1.500		
	TEST PROB.	A=C? 0.1211	A=D? 0.1884	A=E? 0.2689	A=F? 0.2109	A=G? 0.4959	A=H? 0.1763	A=CD? 0.1034	A=EF? 0.1786	A=GH? 0.2525	HOMO, 0.4110	TREND, 0.2643
1967-70	OBS., TOTAL	695	130	256	168	59	34	25	10	13		
	EXP.		148.1	252.7	146.1	55.3	46.6	24.0	10.0	12.2		
	OBS./EXP. RELATIVE RISK		0.878 1.000	1.013 1.155	1.150 1.310	1.068 1.217	0.730 0.831	1.040 1.185	0.998 1.137	1.066 1.215		
	TEST PROB.	A=C? 0.0611	A=D? 0.1844	A=E? 0.7885	A=F? 0.3480	A=G? 0.4619	A=H? 0.3534	A=CD? 0.0557	A=EF? 0.6384	A=GH? 0.3290	HOMO, 0.1942	TREND, 0.5968
1971-74	OBS., TOTAL	700	155	262	126	56	51	28	10	12		
	EXP.		148.4	255.0	143.5	56.3	49.3	25.1	10.4	11.9		
	OBS./EXP. RELATIVE RISK		1.044 1.000	1.027 0.984	0.878 0.841	0.994 0.952	1.034 0.990	1.115 1.068	0.964 0.923	1.009 0.966		
	TEST PROB.	A=C? 0.8648	A=D? 0.6224	A=E? 0.5421	A=F? 0.4306	A=G? 0.6019	A=H? 0.5555	A=CD? 0.8440	A=EF? 0.4861	A=GH? 0.5869	HOMO, 0.8638	TREND, 0.4070
1975-78	OBS., TOTAL	676	138	239	143	47	55	28	14	12		
	EXP.		144.3	244.3	136.4	53.7	49.3	25.1	10.9	12.1		
	OBS./EXP. RELATIVE RISK		0.957 1.000	0.978 1.023	1.048 1.096	0.875 0.915	1.116 1.167	1.116 1.167	1.281 1.339	0.995 1.041		
	TEST PROB.	A=C? 0.3403	A=D? 0.6799	A=E? 0.2619	A=F? 0.2988	A=G? 0.2815	A=H? 0.4579	A=CD? 0.4386	A=EF? 0.2287	A=GH? 0.3289	HOMO, 0.8251	TREND, 0.1864

TABLE 5-11 ALL NATURAL CAUSES

TABLE 5-11

HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	8498	3827	2244	1471	389	300	104	58	105		
	EXP.	3777.0	2280.6	1509.7	412.3	296.6	98.0	45.5	78.3			
	OBS./EXP. RELATIVE RISK	1,013 1,000	0,984 0,971	0,974 0,962	0,944 0,931	1,012 0,998	1,061 1,048	1,273 1,257	1,340 1,323			
	TEST PROB.	A=C? 0,8280	A=D? 0,8416	A=E? 0,5159	A=F? 0,3830	A=G? 0,1157	A=H? 0,0220	A=CD? 0,8843	A=EF? 0,4507	A=GH? 0,0097	HOMO, 0,0163	TREND, 0,0011
1950-54	OBS. EXP.	1142	538 509.5	301 309.2	188 201.2	36 53.5	53 39.2	5 12.6	7 6.1	14 10.6		
	OBS./EXP. RELATIVE RISK	1,056 1,000	0,973 0,922	0,934 0,885	0,672 0,637	1,352 1,280	0,396 0,375	1,144 1,083	1,318 1,248			
	TEST PROB.	A=C? 0,8596	A=D? 0,9748	A=E? 0,1214	A=F? 0,9572	A=G? 0,4439	A=H? 0,3154	A=CD? 0,9543	A=EF? 0,4039	A=GH? 0,3169	HOMO, 0,0064	TREND, 0,4168
1955-58	OBS. EXP.	1221	525 543.1	331 328.4	238 216.2	52 59.6	36 41.9	18 14.1	7 6.6	14 11.1		
	OBS./EXP. RELATIVE RISK	0,967 1,000	1,008 1,043	1,101 1,139	0,873 0,903	0,859 0,889	1,274 1,318	1,059 1,095	1,259 1,303			
	TEST PROB.	A=C? 0,1193	A=D? 0,7154	A=E? 0,7088	A=F? 0,2293	A=G? 0,4450	A=H? 0,2754	A=CD? 0,2095	A=EF? 0,5122	A=GH? 0,2806	HOMO, 0,4581	TREND, 0,1979
1959-62	OBS. EXP.	1194	542 529.6	333 318.6	194 211.4	54 61.6	39 42.2	9 13.6	11 6.5	12 10.4		
	OBS./EXP. RELATIVE RISK	1,023 1,000	1,045 1,021	0,918 0,897	0,876 0,856	0,924 0,903	0,660 0,645	1,701 1,662	1,150 1,124			
	TEST PROB.	A=C? 0,8371	A=D? 0,8029	A=E? 0,6882	A=F? 0,8509	A=G? 0,1399	A=H? 0,4371	A=CD? 0,8783	A=EF? 0,8086	A=GH? 0,1857	HOMO, 0,2552	TREND, 0,4664
1963-66	OBS. EXP.	1269	560 562.6	330 336.3	218 227.6	81 64.7	41 44.8	19 15.3	9 6.4	11 11.4		
	OBS./EXP. RELATIVE RISK	0,995 1,000	0,981 0,986	0,958 0,962	1,253 1,258	0,915 0,919	1,243 1,248	1,410 1,417	0,968 0,973			
	TEST PROB.	A=C? 0,6462	A=D? 0,0863	A=E? 0,6663	A=F? 0,2749	A=G? 0,2721	A=H? 0,5493	A=CD? 0,3981	A=EF? 0,4853	A=GH? 0,3771	HOMO, 0,3870	TREND, 0,1931
1967-70	OBS. EXP.	1236	553 548.8	342 326.7	208 222.6	43 62.0	53 43.1	17 14.8	7 6.1	13 11.8		
	OBS./EXP. RELATIVE RISK	1,008 1,000	1,047 1,039	0,934 0,927	0,693 0,688	1,231 1,221	1,152 1,143	1,143 1,134	1,101 1,092			
	TEST PROB.	A=C? 0,7611	A=D? 0,9607	A=E? 0,1800	A=F? 0,3896	A=G? 0,4576	A=H? 0,4904	A=CD? 0,9047	A=EF? 0,1665	A=GH? 0,4133	HOMO, 0,1338	TREND, 0,2940
1971-74	OBS. EXP.	1197	537 531.6	296 319.0	213 217.1	70 57.4	40 40.2	16 13.8	5 6.5	20 11.4		
	OBS./EXP. RELATIVE RISK	1,010 1,000	0,928 0,919	0,981 0,971	1,220 1,208	0,996 0,986	1,158 1,146	0,768 0,760	1,762 1,744			
	TEST PROB.	A=C? 0,6184	A=D? 0,1489	A=E? 0,5444	A=F? 0,4002	A=G? 0,7227	A=H? 0,0464	A=CD? 0,4345	A=EF? 0,4786	A=GH? 0,1461	HOMO, 0,0818	TREND, 0,0104
1975-78	OBS. EXP.	1239	572 545.5	311 338.4	212 224.4	53 57.7	38 43.3	20 13.0	12 7.0	21 9.7		
	OBS./EXP. RELATIVE RISK	1,049 1,000	0,919 0,877	0,945 0,901	0,919 0,876	0,878 0,838	1,535 1,464	1,721 1,641	2,161 2,061			
	TEST PROB.	A=C? 0,8371	A=D? 0,7705	A=E? 0,7905	A=F? 0,1298	A=G? 0,1382	A=H? 0,0106	A=CD? 0,8680	A=EF? 0,5407	A=GH? 0,0057	HOMO, 0,0003	TREND, 0,0000

TABLE 5-12 ALL NATURAL CAUSES

TABLE 5-12

MIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS, TOTAL	8911	4093	2150	1728	471	231	110	60	68		
	EXP.	4130.7		2204.7	1729.8	452.9	216.4	86.0	42.0	48.3		
	OBS./EXP. RELATIVE RISK		0.991 1.000	0.975 0.984	0.999 1.008	1.040 1.050	1.067 1.077	1.279 1.291	1.428 1.441	1.407 1.420		
	TEST PROB.	A=C? 0.4248	A=D? 0.2422	A=E? 0.2179	A=F? 0.0310	A=G? 0.0240	A=H? 0.0211	A=CD? 0.3303	A=EF? 0.0520	A=GH? 0.0023	HOMO, 0.0004	TREND, 0.0000
1950-54	OBS, EXP.	1013	471	263	177	52	23	11	9	7		
	EXP.	468.8		252.9	193.8	52.9	24.4	9.4	5.0	5.8		
	OBS./EXP. RELATIVE RISK		1.005 1.000	1.040 1.035	0.913 0.909	0.983 0.979	0.944 0.939	1.166 1.161	1.799 1.791	1.205 1.200		
	TEST PROB.	A=C? 0.7884	A=D? 0.5550	A=E? 0.6136	A=F? 0.4281	A=G? 0.1510	A=H? 0.4540	A=CD? 0.7662	A=EF? 0.5218	A=GH? 0.1719	HOMO, 0.5685	TREND, 0.1392
1955-58	OBS, EXP.	1157	556	283	219	51	26	12	5	5		
	EXP.	537.6		287.5	223.6	59.8	27.0	10.4	5.3	5.8		
	OBS./EXP. RELATIVE RISK		1.034 1.000	0.984 0.952	0.979 0.947	0.852 0.824	0.963 0.931	1.148 1.110	0.948 0.917	0.865 0.836		
	TEST PROB.	A=C? 0.7026	A=D? 0.8401	A=E? 0.6406	A=F? 0.4864	A=G? 0.6163	A=H? 0.6749	A=CD? 0.7970	A=EF? 0.5723	A=GH? 0.6759	HOMO, 0.9225	TREND, 0.6847
1959-62	OBS, EXP.	1201	534	313	219	74	37	7	6	11		
	EXP.	557.1		296.5	233.9	62.6	27.9	11.3	5.6	6.1		
	OBS./EXP. RELATIVE RISK		0.959 1.000	1.056 1.101	0.936 0.977	1.182 1.234	1.326 1.383	0.621 0.648	1.066 1.112	1.812 1.891		
	TEST PROB.	A=C? 0.5923	A=D? 0.1206	A=E? 0.0947	A=F? 0.8221	A=G? 0.4414	A=H? 0.0819	A=CD? 0.3896	A=EF? 0.2522	A=GH? 0.1272	HOMO, 0.0519	TREND, 0.0263
1963-66	OBS, EXP.	1263	541	312	265	80	29	18	10	8		
	EXP.	591.8		308.8	246.6	61.3	29.4	12.7	5.9	6.5		
	OBS./EXP. RELATIVE RISK		0.914 1.000	1.010 1.105	1.075 1.176	1.306 1.429	0.985 1.078	1.415 1.547	1.695 1.854	1.238 1.354		
	TEST PROB.	A=C? 0.0624	A=D? 0.0167	A=E? 0.4097	A=F? 0.1111	A=G? 0.1009	A=H? 0.3211	A=CD? 0.0169	A=EF? 0.1840	A=GH? 0.0923	HOMO, 0.0136	TREND, 0.0081
1967-70	OBS, EXP.	1335	606	315	271	66	38	17	10	12		
	EXP.	628.0		326.6	258.2	64.4	31.7	13.4	5.9	6.7		
	OBS./EXP. RELATIVE RISK		0.965 1.000	0.965 1.000	1.050 1.088	1.024 1.062	1.198 1.241	1.264 1.310	1.695 1.757	1.780 1.845		
	TEST PROB.	A=C? 0.2134	A=D? 0.3902	A=E? 0.1920	A=F? 0.2446	A=G? 0.1242	A=H? 0.0793	A=CD? 0.2100	A=EF? 0.1273	A=GH? 0.0283	HOMO, 0.1207	TREND, 0.0007
1971-74	OBS, EXP.	1413	673	317	271	65	44	21	11	11		
	EXP.	656.0		349.8	275.4	69.4	35.1	14.1	6.0	7.2		
	OBS./EXP. RELATIVE RISK		1.026 1.000	0.906 0.883	0.984 0.959	0.937 0.914	1.254 1.222	1.492 1.454	1.846 1.800	1.522 1.484		
	TEST PROB.	A=C? 0.6712	A=D? 0.7046	A=E? 0.1865	A=F? 0.1269	A=G? 0.0976	A=H? 0.1963	A=CD? 0.7185	A=EF? 0.0843	A=GH? 0.0562	HOMO, 0.0209	TREND, 0.0012
1975-78	OBS, EXP.	1529	712	347	306	83	34	24	9	14		
	EXP.	696.5		383.3	302.0	77.5	39.2	14.8	7.0	8.6		
	OBS./EXP. RELATIVE RISK		1.022 1.000	0.905 0.886	1.013 0.991	1.071 1.048	0.868 0.849	1.618 1.582	1.277 1.249	1.621 1.585		
	TEST PROB.	A=C? 0.5489	A=D? 0.4082	A=E? 0.7532	A=F? 0.0604	A=G? 0.3621	A=H? 0.1287	A=CD? 0.4911	A=EF? 0.3994	A=GH? 0.1224	HOMO, 0.0337	TREND, 0.0066

TABLE 5-13 ALL NATURAL CAUSES

TABLE 5-13

NAGASAKI, MALE, ALL AGES

YEAR CLASS	TOTAL	T=65 TOTAL DOSE IN RAD									
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2412	533 559.0	837 795.3	482 492.3	189 206.4	172 180.3	91 88.5	41 38.3	67 52.0	
	EXP.										
	OBS./EXP. RELATIVE RISK		0.954 1.000	1.052 1.104	0.979 1.027	0.915 0.960	0.954 1.001	1.028 1.078	1.072 1.124	1.288 1.351	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.4082	0.6421	0.4884	0.3451	0.3267	0.0501	0.4926	0.4271	0.0654	0.1628 0.0851
1950-54	OBS. TOTAL	325	77 73.3	117 111.3	69 70.6	18 25.9	21 21.9	7 10.6	3 4.6	13 8.8	
	EXP.										
	OBS./EXP. RELATIVE RISK		1.051 1.000	1.052 1.000	0.977 0.930	0.694 0.660	0.959 0.912	0.658 0.626	0.657 0.625	1.900 1.808	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.6250	0.8875	0.6532	0.8551	0.7719	0.1011	0.7816	0.7882	0.2756	0.1569 0.2893
1955-58	OBS. TOTAL	331	79 74.6	118 111.8	70 71.4	23 27.3	16 22.9	11 11.3	7 4.6	7 7.0	
	EXP.										
	OBS./EXP. RELATIVE RISK		1.058 1.000	1.055 0.997	0.980 0.926	0.841 0.795	0.698 0.659	0.976 0.922	1.515 1.431	1.004 0.949	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.6705	0.7807	0.8808	0.6060	0.3256	0.5853	0.7352	0.8459	0.4436	0.6835 0.6251
1959-62	OBS. TOTAL	340	71 76.7	116 114.1	75 71.5	27 29.7	26 24.0	11 11.3	4 4.9	10 7.7	
	EXP.										
	OBS./EXP. RELATIVE RISK		0.926 1.000	1.016 1.098	1.049 1.134	0.908 0.981	1.082 1.169	0.972 1.051	0.811 0.876	1.307 1.412	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.3237	0.5483	0.3395	0.4541	0.6206	0.2800	0.3809	0.3460	0.3746	0.9574 0.3009
1963-66	OBS. TOTAL	360	67 83.1	135 119.0	68 74.0	33 30.6	24 26.4	13 13.0	6 5.9	14 8.1	
	EXP.										
	OBS./EXP. RELATIVE RISK		0.806 1.000	1.135 1.407	0.919 1.139	1.079 1.339	0.910 1.129	1.004 1.245	1.014 1.258	1.729 2.144	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.3586	0.1725	0.3829	0.3439	0.4334	0.0366	0.2469	0.3156	0.0596	0.1362 0.0751
1967-70	OBS. TOTAL	371	82 89.3	131 118.9	75 73.3	36 31.7	19 29.6	15 14.8	7 5.9	6 7.6	
	EXP.										
	OBS./EXP. RELATIVE RISK		0.918 1.000	1.102 1.200	1.023 1.114	1.137 1.238	0.642 0.699	1.014 1.105	1.190 1.296	0.792 0.863	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.3424	0.2402	0.8589	0.4944	0.3787	0.6266	0.2527	0.7608	0.4635	0.4066 0.8147
1971-74	OBS. TOTAL	350	83 83.7	112 109.8	66 67.3	25 31.1	32 30.1	19 14.9	5 6.0	8 7.1	
	EXP.										
	OBS./EXP. RELATIVE RISK		0.991 1.000	1.020 1.029	0.981 0.989	0.804 0.811	1.062 1.072	1.279 1.290	0.832 0.839	1.134 1.143	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.5412	0.7725	0.4469	0.2568	0.6482	0.4786	0.6590	0.3157	0.4723	0.8834 0.2952
1975-78	OBS. TOTAL	335	74 82.3	108 103.9	59 60.9	27 31.1	34 29.0	15 14.9	9 6.4	9 6.4	
	EXP.										
	OBS./EXP. RELATIVE RISK		0.899 1.000	1.039 1.157	0.969 1.079	0.867 0.965	1.172 1.304	1.006 1.119	1.402 1.560	1.406 1.565	
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO. TREND.
		0.3792	0.5767	0.1926	0.4255	0.2497	0.2316	0.4457	0.2167	0.1436	0.6802 0.0739

TABLE 5-14 ALL NATURAL CAUSES

TABLE 5-14

NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2310	406	931	564	150	129	70	23	37		
	EXP.		406.6	952.3	538.7	161.4	126.4	65.7	27.4	31.6		
	OBS./EXP.		0.999	0.978	1.047	0.929	1.021	1.065	0.840	1.170		
	RELATIVE RISK		1.000	0.979	1.048	0.931	1.022	1.067	0.841	1.171		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3387	0.7339	0.4697	0.3760	0.7416	0.2538	0.4416	0.4067	0.4690	0.7136	0.2568
1950-54	OBS. TOTAL	350	72	121	90	18	24	11	4	10		
	EXP.		61.7	143.6	82.8	23.8	19.7	9.9	3.8	4.7		
	OBS./EXP.		1.168	0.843	1.087	0.755	1.219	1.113	1.045	2.140		
	RELATIVE RISK		1.000	0.722	0.931	0.646	1.044	0.953	0.895	1.833		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6702	0.9001	0.4669	0.5481	0.5788	0.1018	0.7767	0.4771	0.1934	0.0375	0.0126
1955-58	OBS. TOTAL	343	59	146	81	22	16	8	2	9		
	EXP.		58.4	142.1	82.0	24.0	18.8	9.5	3.8	4.3		
	OBS./EXP.		1.010	1.027	0.988	0.915	0.851	0.841	0.527	2.082		
	RELATIVE RISK		1.000	1.018	0.979	0.907	0.843	0.833	0.522	2.062		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5517	0.6725	0.6855	0.6688	0.7904	0.0876	0.5969	0.7116	0.2980	0.4247	0.2368
1959-62	OBS. TOTAL	289	45	130	70	15	16	8	2	3		
	EXP.		48.4	120.8	69.9	20.5	14.7	7.8	3.3	3.5		
	OBS./EXP.		0.929	1.076	1.001	0.732	1.087	1.027	0.598	0.850		
	RELATIVE RISK		1.000	1.158	1.078	0.788	1.170	1.105	0.644	0.914		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4459	0.7537	0.4340	0.4443	0.7352	0.5763	0.5150	0.4280	0.6884	0.8596	0.6953
1963-66	OBS. TOTAL	313	46	128	86	21	18	11	2	1		
	EXP.		54.4	129.1	73.3	22.6	16.8	8.9	3.8	4.1		
	OBS./EXP.		0.845	0.992	1.174	0.930	1.071	1.233	0.520	0.246		
	RELATIVE RISK		1.000	1.173	1.388	1.100	1.267	1.458	0.615	0.291		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1097	0.4505	0.3171	0.2752	0.7492	0.8700	0.1660	0.2247	0.8743	0.3645	0.8256
1967-70	OBS. TOTAL	324	48	125	93	23	15	10	3	7		
	EXP.		58.8	133.8	72.8	23.6	17.0	9.2	4.1	4.6		
	OBS./EXP.		0.816	0.934	1.278	0.974	0.882	1.081	0.724	1.518		
	RELATIVE RISK		1.000	1.145	1.567	1.194	1.082	1.325	0.888	1.859		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0405	0.3263	0.4592	0.3612	0.6269	0.1897	0.0576	0.4148	0.3145	0.1624	0.2310
1971-74	OBS. TOTAL	350	72	150	60	31	19	9	5	4		
	EXP.		64.7	145.2	76.2	25.2	19.2	10.3	4.4	4.8		
	OBS./EXP.		1.113	1.033	0.787	1.229	0.988	0.877	1.146	0.827		
	RELATIVE RISK		1.000	0.929	0.708	1.105	0.888	0.789	1.030	0.743		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9376	0.4134	0.6735	0.7202	0.4616	0.7120	0.8623	0.7236	0.6405	0.4819	0.6370
1975-78	OBS. TOTAL	341	64	131	84	20	21	13	5	3		
	EXP.		61.9	140.4	75.6	22.5	20.3	10.2	4.5	5.7		
	OBS./EXP.		1.033	0.933	1.112	0.887	1.036	1.279	1.109	0.531		
	RELATIVE RISK		1.000	0.903	1.076	0.858	1.003	1.237	1.073	0.513		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4195	0.7099	0.5287	0.3362	0.4371	0.8353	0.4783	0.4463	0.7356	0.7516	0.5833

TABLE 6-1 ALL NEOPLASMS

TABLE 6-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	4982	1896	1320	966	281	231	132	56	100		
	EXP.	2009.6		1388.0	948.3	276.3	193.1	79.2	36.5	50.9		
	OBS./EXP.		0.943	0.951	1.019	1.017	1.196	1.666	1.534	1.964		
	RELATIVE RISK		1.000	1.008	1.080	1.078	1.268	1.766	1.626	2.031		
	TEST PROB.	A=C? 0.0784	A=D? 0.1809	A=E? 0.0075	A=F? 0.0000	A=G? 0.0052	A=H? 0.0000	A=CD? 0.0569	A=EF? 0.0000	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	504	196	122	95	30	24	12	7	18		
	EXP.	203.0		142.2	97.7	27.4	18.3	7.2	3.4	5.0		
	OBS./EXP.		0.966	0.858	0.972	1.095	1.315	1.675	2.078	3.617		
	RELATIVE RISK		1.000	0.889	1.007	1.134	1.362	1.734	2.152	3.746		
	TEST PROB.	A=C? 0.4925	A=D? 0.3099	A=E? 0.1639	A=F? 0.1203	A=G? 0.0937	A=H? 0.0001	A=CD? 0.4221	A=EF? 0.0774	A=GH? 0.0001	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. TOTAL	582	234	169	106	25	19	15	4	10		
	EXP.	234.1		163.8	113.3	32.1	21.1	8.4	3.8	5.5		
	OBS./EXP.		1.000	1.032	0.936	0.780	0.899	1.789	1.056	1.831		
	RELATIVE RISK		1.000	1.032	0.936	0.780	0.899	1.789	1.057	1.832		
	TEST PROB.	A=C? 0.6489	A=D? 0.7958	A=E? 0.6049	A=F? 0.0599	A=G? 0.4289	A=H? 0.1016	A=CD? 0.7333	A=EF? 0.2591	A=GH? 0.1485	HOMO. 0.1179	TREND. 0.0222
1959-62	OBS. TOTAL	670	242	188	134	36	40	8	9	13		
	EXP.	277.0		183.0	128.0	37.7	24.2	9.5	4.5	6.2		
	OBS./EXP.		0.874	1.027	1.047	0.954	1.656	0.845	2.012	2.086		
	RELATIVE RISK		1.000	1.176	1.198	1.092	1.295	0.968	2.302	2.388		
	TEST PROB.	A=C? 0.1141	A=D? 0.3133	A=E? 0.0027	A=F? 0.4470	A=G? 0.0435	A=H? 0.0153	A=CD? 0.1111	A=EF? 0.0077	A=GH? 0.0033	HOMO. 0.0002	TREND. 0.0000
1963-66	OBS. TOTAL	734	279	193	149	50	23	20	5	15		
	EXP.	301.2		200.7	140.2	40.6	27.5	11.4	5.1	7.3		
	OBS./EXP.		0.926	0.962	1.063	1.232	0.836	1.757	0.978	2.057		
	RELATIVE RISK		1.000	1.038	1.147	1.330	0.902	1.897	1.056	2.221		
	TEST PROB.	A=C? 0.1701	A=D? 0.1220	A=E? 0.6305	A=F? 0.0382	A=G? 0.4370	A=H? 0.0243	A=CD? 0.1017	A=EF? 0.2261	A=GH? 0.0529	HOMO. 0.0046	TREND. 0.0004
1967-70	OBS. TOTAL	780	287	207	161	43	31	28	8	15		
	EXP.	312.7		215.7	148.1	44.0	31.7	13.5	5.9	8.3		
	OBS./EXP.		0.918	0.960	1.087	0.977	0.979	2.067	1.346	1.801		
	RELATIVE RISK		1.000	1.046	1.185	1.065	1.067	2.253	1.467	1.962		
	TEST PROB.	A=C? 0.1135	A=D? 0.3529	A=E? 0.3610	A=F? 0.0010	A=G? 0.2252	A=H? 0.0303	A=CD? 0.1245	A=EF? 0.0263	A=GH? 0.0234	HOMO. 0.0005	TREND. 0.0000
1971-74	OBS. TOTAL	826	326	217	152	44	47	19	9	12		
	EXP.	329.3		232.0	156.4	45.9	33.5	14.1	6.3	8.6		
	OBS./EXP.		0.990	0.935	0.972	0.959	1.404	1.343	1.420	1.401		
	RELATIVE RISK		1.000	0.945	0.982	0.969	1.418	1.357	1.434	1.415		
	TEST PROB.	A=C? 0.5293	A=D? 0.5747	A=E? 0.0784	A=F? 0.2044	A=G? 0.2580	A=H? 0.2382	A=CD? 0.5411	A=EF? 0.0509	A=GH? 0.1368	HOMO. 0.1339	TREND. 0.0035
1975-78	OBS. TOTAL	886	332	224	169	53	47	30	14	17		
	EXP.	354.3		249.1	165.5	48.8	37.1	15.2	7.1	8.9		
	OBS./EXP.		0.937	0.899	1.021	1.087	1.268	1.972	1.980	1.900		
	RELATIVE RISK		1.000	0.960	1.090	1.160	1.353	2.105	2.113	2.028		
	TEST PROB.	A=C? 0.2954	A=D? 0.2910	A=E? 0.1520	A=F? 0.0046	A=G? 0.0520	A=H? 0.0372	A=CD? 0.2333	A=EF? 0.0108	A=GH? 0.0072	HOMO. 0.0000	TREND. 0.0000

TABLE 6-2 ALL NEOPLASMS

TABLE 6-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	81	22	18	9	2	7	13	1	9		
	EXP.	31.8	24.5	16.5	3.9	2.1	1.1	0.5	0.7			
	OBS./EXP.	0.692	0.734	0.546	0.517	3.288	12.140	2.218	13.237			
	RELATIVE RISK	1.000	1.062	0.789	0.747	4.754	17.550	3.206	19.137			
	TEST PROB.	A=C? 0.6905	A=D? 0.6772	A=E? 0.0091	A=F? 0.0000	A=G? 0.2795	A=H? 0.0000	A=CD? 0.6844	A=EF? 0.0000	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	10	2	0	1	0	3	1	0	3		
	EXP.	3.1	3.4	2.3	0.6	0.3	0.2	0.1	0.1			
	OBS./EXP.	0.654	0.000	0.444	0.000	9.017	5.284	0.000	23.843			
	RELATIVE RISK	1.000	0.000	0.678	0.000	13.780	8.075	0.000	36.438			
	TEST PROB.	A=C? 0.7446	A=D? 0.8200	A=E? 0.0170	A=F? 0.2594	A=G? 0.7716	A=H? 0.0010	A=CD? 0.7901	A=EF? 0.0221	A=GH? 0.0077	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. EXP.	5	1	0	1	0	0	2	0	1		
	EXP.	1.8	1.6	1.1	0.3	0.1	0.1	0.0	0.0			
	OBS./EXP.	0.555	0.000	0.950	0.000	0.000	25.993	0.000	20.263			
	RELATIVE RISK	1.000	0.000	1.713	0.000	0.000	46.859	0.000	36.529			
	TEST PROB.	A=C? 0.2897	A=D? 0.7782	A=E? 0.7703	A=F? 0.0400	A=G? 0.7621	A=H? 0.2409	A=CD? 0.3038	A=EF? 0.1985	A=GH? 0.2419	HOMO. 0.0000	TREND. 0.0000
1959-62	OBS. EXP.	12	2	0	2	1	1	3	0	3		
	EXP.	4.5	3.7	2.5	0.6	0.3	0.2	0.1	0.1			
	OBS./EXP.	0.440	0.000	0.802	1.710	3.065	17.386	0.000	27.805			
	RELATIVE RISK	1.000	0.000	1.823	3.889	6.968	39.528	0.000	63.216			
	TEST PROB.	A=C? 0.3542	A=D? 0.2734	A=E? 0.2562	A=F? 0.0011	A=G? 0.7699	A=H? 0.0008	A=CD? 0.4105	A=EF? 0.0058	A=GH? 0.0077	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. EXP.	4	0	1	1	0	0	1	0	1		
	EXP.	1.3	1.3	0.9	0.2	0.1	0.1	0.0	0.0			
	OBS./EXP.	0.000	0.758	1.144	0.000	0.000	15.106	0.000	23.195			
	RELATIVE RISK	X	X	X	X	X	X	X	X			
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? 0.2398	A=CD? 0.2398	A=EF? 0.2398	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0000
1967-70	OBS. EXP.	10	4	2	0	0	2	0	1	1		
	EXP.	3.9	3.0	2.1	0.5	0.3	0.1	0.1	0.1			
	OBS./EXP.	1.030	0.659	0.000	0.000	7.657	0.000	17.409	11.877			
	RELATIVE RISK	1.000	0.640	0.000	0.000	7.437	0.000	16.909	11.536			
	TEST PROB.	A=C? 0.9193	A=D? 0.8272	A=E? 0.1831	A=F? 0.7843	A=G? 0.2453	A=H? 0.2474	A=CD? 0.9346	A=EF? 0.2948	A=GH? 0.0263	HOMO. 0.0000	TREND. 0.0000
1971-74	OBS. EXP.	17	5	7	2	0	1	2	0	0		
	EXP.	6.9	5.1	3.4	0.8	0.4	0.2	0.1	0.1			
	OBS./EXP.	0.724	1.385	0.590	0.000	2.320	9.695	0.000	0.000			
	RELATIVE RISK	1.000	1.912	0.814	0.000	3.202	13.384	0.000	0.000			
	TEST PROB.	A=C? 0.6244	A=D? 0.8086	A=E? 0.2662	A=F? 0.0360	A=G? 0.7656	A=H? 0.7670	A=CD? 0.6998	A=EF? 0.0528	A=GH? 0.7721	HOMO. 0.0072	TREND. 0.0864
1975-78	OBS. EXP.	23	8	8	2	1	0	4	0	0		
	EXP.	10.3	6.4	4.4	1.0	0.5	0.2	0.1	0.1			
	OBS./EXP.	0.778	1.252	0.458	1.004	0.000	17.856	0.000	0.000			
	RELATIVE RISK	1.000	1.608	0.589	1.290	0.000	22.946	0.000	0.000			
	TEST PROB.	A=C? 0.7693	A=D? 0.4009	A=E? 0.8143	A=F? 0.0001	A=G? 0.7735	A=H? 0.7811	A=CD? 0.7137	A=EF? 0.0370	A=GH? 0.7923	HOMO. 0.0000	TREND. 0.0050

TABLE 6-3 ALL NEOPLASMS

TABLE 6-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS., TOTAL	273	79	76	44	12	22	15	13	12		
	EXP.	100.5	84.4	44.0	14.5	15.5	7.2	3.0	3.9			
	OBS./EXP. RELATIVE RISK	0.786 1.000	0.900 1.145	0.999 1.270	0.825 1.050	1.422 1.808	2.080 2.845	4.354 5.537	3.116 3.962			
	TEST PROB.	A=C? 0.1722	A=D? 0.4546	A=E? 0.0408	A=F? 0.0069	A=G? 0.0000	A=H? 0.0006	A=CD? 0.1959	A=EF? 0.0037	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS., EXP.	9	1 3.4	1 2.8	0 1.4	1 0.5	0 0.5	1 0.2	2 0.1	3 0.1		
	OBS./EXP. RELATIVE RISK	0.298 1.000	0.358 1.201	0.000 0.000	2.159 7.253	0.000 0.000	4.534 15.234	20.781 69.822	22.692 76.243			
	TEST PROB.	A=C? 0.8265	A=D? 0.2490	A=E? 0.7753	A=F? 0.2428	A=G? 0.0001	A=H? 0.0002	A=CD? 0.2968	A=EF? 0.2512	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS., EXP.	18	3 5.8	6 5.8	5 2.9	0 1.1	2 1.3	2 0.6	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK	0.520 1.000	1.036 1.992	1.701 3.270	0.000 0.000	1.566 3.012	3.288 6.321	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.1889	A=D? 0.8287	A=E? 0.3584	A=F? 0.2639	A=G? 0.7771	A=H? 0.7770	A=CD? 0.2931	A=EF? 0.1780	A=GH? 0.7919	HOMO. 0.3175	TREND. 0.3127
1959-62	OBS., EXP.	15	5 5.4	5 4.4	2 2.5	0 0.8	2 0.8	0 0.4	1 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK	0.887 1.000	1.127 1.271	0.791 0.892	0.000 0.000	2.415 2.722	0.000 0.000	5.863 6.609	0.000 0.000			
	TEST PROB.	A=C? 0.5848	A=D? 0.8397	A=E? 0.2896	A=F? 0.8040	A=G? 0.2606	A=H? 0.7878	A=CD? 0.6880	A=EF? 0.4219	A=GH? 0.2941	HOMO. 0.3914	TREND. 0.2904
1963-66	OBS., EXP.	23	7 8.3	7 7.1	5 3.7	1 1.3	2 1.4	1 0.6	0 0.3	0 0.3		
	OBS./EXP. RELATIVE RISK	0.842 1.000	0.991 1.176	1.334 1.584	0.785 0.932	1.456 1.728	1.539 1.827	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.3792	A=D? 0.6395	A=E? 0.3681	A=F? 0.3420	A=G? 0.7879	A=H? 0.7973	A=CD? 0.4420	A=EF? 0.4047	A=GH? 0.8186	HOMO. 0.9713	TREND. 0.5719
1967-70	OBS., EXP.	46	10 16.7	16 13.9	8 7.6	3 2.6	2 2.7	4 1.3	1 0.5	2 0.6		
	OBS./EXP. RELATIVE RISK	0.600 1.000	1.147 1.912	1.053 1.755	1.161 1.935	0.728 1.213	3.116 5.193	1.871 3.118	3.130 5.216			
	TEST PROB.	A=C? 0.2412	A=D? 0.3486	A=E? 0.4119	A=F? 0.0344	A=G? 0.2769	A=H? 0.1224	A=CD? 0.1864	A=EF? 0.1712	A=GH? 0.0764	HOMO. 0.0771	TREND. 0.0042
1971-74	OBS., EXP.	63	22 23.6	19 19.5	7 10.1	2 3.3	6 3.4	3 1.6	4 0.7	0 0.9		
	OBS./EXP. RELATIVE RISK	0.934 1.000	0.975 1.044	0.694 0.744	0.611 0.654	1.743 1.867	1.876 2.009	5.905 6.325	0.000 0.000			
	TEST PROB.	A=C? 0.6875	A=D? 0.7445	A=E? 0.2197	A=F? 0.3359	A=G? 0.0102	A=H? 0.8330	A=CD? 0.7297	A=EF? 0.1610	A=GH? 0.1342	HOMO. 0.0025	TREND. 0.0246
1975-78	OBS., EXP.	99	31 37.2	22 30.8	17 15.7	5 5.0	8 5.3	4 2.5	5 1.0	7 1.3		
	OBS./EXP. RELATIVE RISK	0.832 1.000	0.713 0.857	1.080 1.298	0.991 1.190	1.509 1.813	1.631 1.960	4.922 5.914	5.200 6.248			
	TEST PROB.	A=C? 0.3045	A=D? 0.4329	A=E? 0.1971	A=F? 0.2109	A=G? 0.0053	A=H? 0.0005	A=CD? 0.3064	A=EF? 0.1021	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000

TABLE 6-4 ALL NEOPLASMS

TABLE 6-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	702	245	172	136	43	44	33	11	18		
	EXP.	276.1		199.4	126.0	40.0	29.8	14.4	7.2	9.1		
	OBS./EXP.	0.887	0.887	0.863	1.079	1.074	1.476	2.296	1.530	1.937		
	RELATIVE RISK	1.000	1.000	0.972	1.216	1.210	1.663	2.587	1.724	2.239		
	TEST PROB.	A=C? 0.0961	A=D? 0.2590	A=E? 0.0326	A=F? 0.0004	A=G? 0.1576	A=H? 0.0160	A=CD? 0.0844	A=EF? 0.0005	A=GH? 0.0094	HOMO, 0.0000	TREND, 0.0000
1950-54	OBS. TOTAL	41	14	11	8	0	3	2	1	2		
	EXP.	16.5		11.5	7.3	2.3	1.7	0.8	0.4	0.5		
	OBS./EXP.	0.850	0.850	0.959	1.092	0.000	1.785	2.459	2.502	3.836		
	RELATIVE RISK	1.000	1.000	1.129	1.286	0.000	2.101	2.894	2.945	4.515		
	TEST PROB.	A=C? 0.4103	A=D? 0.8876	A=E? 0.2980	A=F? 0.3117	A=G? 0.2743	A=H? 0.1727	A=CD? 0.4639	A=EF? 0.1716	A=GH? 0.1105	HOMO, 0.1484	TREND, 0.0042
1955-58	OBS. TOTAL	41	13	15	6	2	0	2	0	3		
	EXP.	15.5		12.0	7.8	2.4	1.7	0.7	0.4	0.6		
	OBS./EXP.	0.837	0.837	1.251	0.774	0.837	0.000	2.701	0.000	5.453		
	RELATIVE RISK	1.000	1.000	1.494	0.924	1.000	0.000	3.227	0.000	6.513		
	TEST PROB.	A=C? 0.4784	A=D? 0.4505	A=E? 0.2726	A=F? 0.2551	A=G? 0.7980	A=H? 0.0405	A=CD? 0.4446	A=EF? 0.4036	A=GH? 0.1383	HOMO, 0.0186	TREND, 0.0113
1959-62	OBS. TOTAL	54	19	13	10	2	4	0	2	4		
	EXP.	21.9		15.2	9.8	3.0	2.0	0.9	0.5	0.7		
	OBS./EXP.	0.866	0.866	0.856	1.020	0.676	1.961	0.000	4.104	6.046		
	RELATIVE RISK	1.000	1.000	0.988	1.178	0.781	2.264	0.000	4.738	6.979		
	TEST PROB.	A=C? 0.4557	A=D? 0.6888	A=E? 0.2907	A=F? 0.8473	A=G? 0.2012	A=H? 0.0115	A=CD? 0.4469	A=EF? 0.4574	A=GH? 0.0039	HOMO, 0.0006	TREND, 0.0000
1963-66	OBS. TOTAL	97	32	30	18	7	2	4	1	3		
	EXP.	39.3		27.4	17.5	5.3	3.7	1.7	0.9	1.2		
	OBS./EXP.	0.815	0.815	1.096	1.027	1.326	0.538	2.310	1.117	2.502		
	RELATIVE RISK	1.000	1.000	1.345	1.260	1.627	0.661	2.835	1.370	3.071		
	TEST PROB.	A=C? 0.3260	A=D? 0.3752	A=E? 0.7799	A=F? 0.1989	A=G? 0.4311	A=H? 0.2062	A=CD? 0.2721	A=EF? 0.4879	A=GH? 0.2479	HOMO, 0.2671	TREND, 0.0277
1967-70	OBS. TOTAL	117	38	25	29	9	8	4	2	2		
	EXP.	45.3		33.4	20.9	6.8	5.2	2.6	1.3	1.6		
	OBS./EXP.	0.840	0.840	0.748	1.386	1.330	1.529	1.553	1.581	1.288		
	RELATIVE RISK	1.000	1.000	0.890	1.651	1.384	1.821	1.849	1.883	1.534		
	TEST PROB.	A=C? 0.0931	A=D? 0.2119	A=E? 0.1807	A=F? 0.3711	A=G? 0.4067	A=H? 0.3817	A=CD? 0.0763	A=EF? 0.1501	A=GH? 0.3908	HOMO, 0.1764	TREND, 0.0351
1971-74	OBS. TOTAL	154	52	39	30	8	13	8	2	2		
	EXP.	60.6		43.8	27.6	8.8	6.5	3.1	1.6	2.0		
	OBS./EXP.	0.858	0.858	0.890	1.086	0.912	1.985	2.574	1.261	1.016		
	RELATIVE RISK	1.000	1.000	1.037	1.266	1.062	2.313	2.999	1.470	1.184		
	TEST PROB.	A=C? 0.2413	A=D? 0.4586	A=E? 0.0590	A=F? 0.0488	A=G? 0.3818	A=H? 0.4182	A=CD? 0.2698	A=EF? 0.0158	A=GH? 0.4370	HOMO, 0.0187	TREND, 0.0093
1975-78	OBS. TOTAL	198	77	39	35	15	14	13	3	2		
	EXP.	77.1		56.3	35.0	11.6	8.8	4.3	2.2	2.6		
	OBS./EXP.	0.998	0.998	0.692	0.999	1.294	1.584	3.031	1.364	0.776		
	RELATIVE RISK	1.000	1.000	0.693	1.001	1.296	1.586	3.035	1.366	0.777		
	TEST PROB.	A=C? 0.4934	A=D? 0.2897	A=E? 0.1936	A=F? 0.0040	A=G? 0.4186	A=H? 0.6528	A=CD? 0.4167	A=EF? 0.0171	A=GH? 0.4422	HOMO, 0.0002	TREND, 0.0043

TABLE 6-5 ALL NEOPLASMS

TABLE 6-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2207	836	596	448	130	88	42	23	44		
	EXP.	885.7	602.6	426.8	122.7	92.4	35.4	16.6	24.8			
	OBS./EXP. RELATIVE RISK	0.944 1.000	0.989 1.048	1.058 1.112	1.060 1.123	0.953 1.009	1.185 1.256	1.383 1.465	1.776 1.882			
	TEST PROB.	A=C? 0.0932	A=D? 0.1702	A=E? 0.4537	A=F? 0.1336	A=G? 0.1066	A=H? 0.0020	A=CD? 0.0661	A=EF? 0.2219	A=GH? 0.0013	HOMO. 0.0013	TREND. 0.0000
1950-54	OBS. EXP.	164	55 65.9	47 44.7	33 32.3	13 9.0	5 6.5	5 2.5	2 1.3	4 1.8		
	OBS./EXP. RELATIVE RISK	0.834 1.000	1.053 1.262	1.021 1.224	1.446 1.734	0.774 0.928	1.962 2.352	1.580 1.894	2.217 2.657			
	TEST PROB.	A=C? 0.2927	A=D? 0.1198	A=E? 0.5907	A=F? 0.1823	A=G? 0.4118	A=H? 0.1883	A=CD? 0.1595	A=EF? 0.3500	A=GH? 0.1665	HOMO. 0.2008	TREND. 0.0109
1955-58	OBS. EXP.	210	90 86.8	53 56.4	43 40.9	5 11.2	7 8.0	5 3.0	4 1.5	3 2.2		
	OBS./EXP. RELATIVE RISK	1.036 1.000	0.939 0.906	1.052 1.015	0.448 0.432	0.875 0.844	1.661 1.602	2.717 2.622	1.368 1.320			
	TEST PROB.	A=C? 0.4789	A=D? 0.9114	A=E? 0.6273	A=F? 0.2394	A=G? 0.1276	A=H? 0.4524	A=CD? 0.6738	A=EF? 0.4457	A=GH? 0.1406	HOMO. 0.1918	TREND. 0.1057
1959-62	OBS. EXP.	267	90 107.2	75 72.7	60 51.3	16 15.1	14 11.3	3 4.3	4 2.1	5 3.1		
	OBS./EXP. RELATIVE RISK	0.839 1.000	1.032 1.229	1.170 1.395	1.059 1.262	1.240 1.477	0.696 0.829	1.950 2.323	1.630 1.942			
	TEST PROB.	A=C? 0.0616	A=D? 0.2193	A=E? 0.1499	A=F? 0.4406	A=G? 0.1413	A=H? 0.1726	A=CD? 0.0569	A=EF? 0.1837	A=GH? 0.0729	HOMO. 0.2723	TREND. 0.0433
1963-66	OBS. EXP.	301	113 120.9	79 82.0	58 57.7	27 16.8	9 12.9	8 4.9	2 2.2	5 3.5		
	OBS./EXP. RELATIVE RISK	0.934 1.000	0.963 1.031	1.005 1.076	1.605 1.717	0.699 0.748	1.624 1.738	0.901 0.964	1.427 1.528			
	TEST PROB.	A=C? 0.3873	A=D? 0.0357	A=E? 0.6948	A=F? 0.1550	A=G? 0.4160	A=H? 0.3156	A=CD? 0.1708	A=EF? 0.4501	A=GH? 0.3337	HOMO. 0.1525	TREND. 0.0934
1967-70	OBS. EXP.	395	150 156.1	109 108.2	81 76.4	19 22.4	14 17.3	10 6.8	3 3.0	9 4.7		
	OBS./EXP. RELATIVE RISK	0.961 1.000	1.007 1.048	1.060 1.103	0.847 0.881	0.809 0.842	1.468 1.528	0.989 1.030	1.930 2.008			
	TEST PROB.	A=C? 0.3424	A=D? 0.6493	A=E? 0.6664	A=F? 0.1754	A=G? 0.4201	A=H? 0.0761	A=CD? 0.4215	A=EF? 0.4376	A=GH? 0.1162	HOMO. 0.3979	TREND. 0.0523
1971-74	OBS. EXP.	412	167 164.8	106 113.0	85 79.7	23 22.7	16 17.6	2 6.8	3 3.0	10 4.4		
	OBS./EXP. RELATIVE RISK	1.013 1.000	0.938 0.925	1.067 1.052	1.014 1.001	0.907 0.895	0.294 0.290	1.014 1.001	2.270 2.240			
	TEST PROB.	A=C? 0.3982	A=D? 0.4708	A=E? 0.6256	A=F? 0.9216	A=G? 0.4492	A=H? 0.0538	A=CD? 0.4104	A=EF? 0.8060	A=GH? 0.0976	HOMO. 0.1148	TREND. 0.1410
1975-78	OBS. EXP.	458	171 185.3	127 125.6	88 88.4	27 25.0	23 19.3	9 7.0	5 3.1	8 4.3		
	OBS./EXP. RELATIVE RISK	0.923 1.000	1.011 1.096	0.995 1.078	1.081 1.171	1.192 1.291	1.294 1.402	1.633 1.769	1.840 1.993			
	TEST PROB.	A=C? 0.3800	A=D? 0.3768	A=E? 0.3190	A=F? 0.3629	A=G? 0.3497	A=H? 0.1672	A=CD? 0.3126	A=EF? 0.2252	A=GH? 0.1276	HOMO. 0.4098	TREND. 0.0051

TABLE 6-6 ALL NEOPLASMS

TABLE 6-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL OOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1719	714	458	329	94	70	29	8	17		
TOTAL	EXP.	715.6	477.0	335.0	95.1	53.3	21.1	9.3	12.6			
	OBS./EXP.	0.998	0.960	0.982	0.988	1.312	1.373	0.864	1.353			
	RELATIVE RISK	1.000	0.962	0.984	0.990	1.315	1.376	0.866	1.356			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5965	0.4876	0.0691	0.1227	0.6425	0.2356	0.5776	0.0308	0.3578	0.1418	0.0104
1950-54	OBS.	280	124	63	53	16	13	3	2	6		
	EXP.	114.2	79.8	54.3	15.1	9.3	3.4	1.5	2.4			
	OBS./EXP.	1.086	0.789	0.975	1.061	1.399	0.884	1.305	2.509			
	RELATIVE RISK	1.000	0.727	0.898	0.977	1.288	0.814	1.202	2.309			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7186	0.4971	0.3303	0.6506	0.3941	0.1130	0.6958	0.4204	0.1519	0.1102	0.0142
1955-58	OBS.	308	127	95	51	18	10	4	0	3		
	EXP.	124.1	88.0	60.7	17.2	10.1	3.9	1.7	2.4			
	OBS./EXP.	1.023	1.080	0.841	1.049	0.995	1.013	0.000	1.259			
	RELATIVE RISK	1.000	1.055	0.822	1.026	0.972	0.990	0.000	1.231			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8255	0.4694	0.5528	0.5186	0.8816	0.4132	0.7772	0.4797	0.7297	0.7711	0.6448
1959-62	OBS.	322	126	95	60	17	19	2	2	1		
	EXP.	137.6	87.0	61.9	18.3	9.7	3.7	1.7	2.2			
	OBS./EXP.	0.916	1.092	0.970	0.931	1.965	0.544	1.182	0.457			
	RELATIVE RISK	1.000	1.192	1.059	1.017	2.146	0.594	1.290	0.499			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4597	0.4689	0.0161	0.7432	0.3839	0.7499	0.4516	0.0612	0.6010	0.0844	0.3942
1963-66	OBS.	309	127	76	67	15	10	6	2	6		
	EXP.	131.4	82.9	60.4	17.0	9.4	4.0	1.7	2.2			
	OBS./EXP.	0.967	0.917	1.110	0.882	1.060	1.496	1.170	2.696			
	RELATIVE RISK	1.000	0.948	1.148	0.913	1.096	1.547	1.210	2.789			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2854	0.6378	0.4605	0.3260	0.3987	0.0869	0.3507	0.3420	0.1231	0.2290	0.0090
1967-70	OBS.	212	85	55	43	12	5	10	1	1		
	EXP.	90.8	57.1	41.1	11.7	6.1	2.7	1.1	1.4			
	OBS./EXP.	0.936	0.963	1.047	1.024	0.817	3.648	0.949	0.720			
	RELATIVE RISK	1.000	1.029	1.119	1.094	0.873	3.898	1.014	0.769			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3207	0.4149	0.4756	0.0007	0.3908	0.6053	0.3115	0.0424	0.5314	0.0047	0.0394
1971-74	OBS.	180	80	46	28	11	11	4	0	0		
	EXP.	73.4	50.6	35.6	10.4	5.4	2.4	1.0	1.2			
	OBS./EXP.	1.090	0.909	0.787	1.063	2.031	1.642	0.000	0.000			
	RELATIVE RISK	1.000	0.834	0.722	0.975	1.864	1.507	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8682	0.5486	0.1751	0.3720	0.8540	0.8616	0.8246	0.1381	0.9090	0.1048	0.4411
1975-78	OBS.	108	45	28	27	5	2	0	1	0		
	EXP.	44.4	29.9	21.9	6.1	3.1	1.3	0.7	0.5			
	OBS./EXP.	1.014	0.936	1.230	0.814	0.642	0.000	1.441	0.000			
	RELATIVE RISK	1.000	0.923	1.213	0.802	0.632	0.000	1.420	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3401	0.6694	0.7388	0.8202	0.3452	0.3150	0.4065	0.8413	0.6332	0.7805	0.8633

TABLE 6-7. ALL NEOPLASMS

TABLE 6-7

		HIROSHIMA + NAGASAKI, MALE, ALL AGES								
		T=65 TOTAL DOSE IN RAD								
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
		A	B	C	D	E	F	G	H	
1950-78	OBS.	2513	991	664	443	137	124	68	26	60
TOTAL	EXP.	1005.2	705.1	454.0	141.6	112.5	44.0	20.0	30.7	
	OBS./EXP.	0.986	0.942	0.976	0.968	1.102	1.545	1.301	1.957	
	RELATIVE RISK	1.000	0.955	0.990	0.982	1.118	1.568	1.320	1.985	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.5243	0.5496	0.2020	0.0058	0.1729	0.0001	0.5360	0.0259	0.0004
										HOMO. TREND.
										0.0000 0.0000
1950-54	OBS.	273	117	67	42	14	14	6	3	10
	EXP.	109.4	77.6	50.8	14.7	11.2	4.2	1.9	3.2	
	OBS./EXP.	1.069	0.863	0.827	0.951	1.252	1.441	1.547	3.137	
	RELATIVE RISK	1.000	0.807	0.773	0.889	1.171	1.347	1.447	2.933	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.8378	0.6009	0.3453	0.3545	0.4361	0.0125	0.8267	0.2902	0.0223
										HOMO. TREND.
										0.0049 0.0001
1955-58	OBS.	289	114	83	54	12	10	7	3	6
	EXP.	117.9	80.8	53.5	15.7	11.7	4.3	1.9	3.2	
	OBS./EXP.	0.967	1.028	1.009	0.763	0.855	1.628	1.577	1.860	
	RELATIVE RISK	1.000	1.062	1.043	0.789	0.884	1.683	1.631	1.924	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4849	0.7519	0.6627	0.2352	0.4935	0.1971	0.5604	0.4588	0.1626
										HOMO. TREND.
										0.5276 0.0409
1959-62	OBS.	341	122	98	66	10	24	6	6	9
	EXP.	137.9	94.8	61.9	19.9	14.7	5.4	2.5	3.9	
	OBS./EXP.	0.885	1.034	1.066	0.504	1.635	1.113	2.397	2.287	
	RELATIVE RISK	1.000	1.168	1.206	0.569	1.849	1.258	2.710	2.585	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.1646	0.8887	0.0213	0.3236	0.0427	0.0244	0.3729	0.0234	0.0053
										HOMO. TREND.
										0.0008 0.0002
1963-66	OBS.	378	152	98	67	30	10	12	0	9
	EXP.	151.4	105.1	69.2	21.8	16.6	6.5	2.9	4.6	
	OBS./EXP.	1.004	0.933	0.969	1.378	0.601	1.845	0.000	1.975	
	RELATIVE RISK	1.000	0.929	0.965	1.373	0.599	1.838	0.000	1.968	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.5745	0.1674	0.8783	0.1046	0.9207	0.1196	0.3927	0.5666	0.4375
										HOMO. TREND.
										0.0105 0.0572
1967-70	OBS.	387	152	109	63	21	17	15	4	6
	EXP.	152.7	107.4	69.9	22.8	18.5	7.6	3.2	3.2	5.0
	OBS./EXP.	0.996	1.015	0.901	0.921	0.920	1.973	1.249	1.205	
	RELATIVE RISK	1.000	1.019	0.905	0.925	0.924	1.982	1.255	1.210	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.6814	0.5969	0.5581	0.0374	0.4793	0.4071	0.6970	0.2066	0.3223
										HOMO. TREND.
										0.2722 0.0750
1971-74	OBS.	406	165	97	74	27	23	10	2	8
	EXP.	162.1	113.0	73.1	22.9	18.9	7.7	3.4	3.4	5.0
	OBS./EXP.	1.018	0.859	1.012	1.181	1.214	1.305	0.588	1.610	
	RELATIVE RISK	1.000	0.843	0.994	1.160	1.192	1.281	0.577	1.582	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4808	0.2922	0.3369	0.3437	0.7431	0.2170	0.4040	0.2953	0.3745
										HOMO. TREND.
										0.4087 0.0506
1975-78	OBS.	439	169	112	77	23	26	12	8	12
	EXP.	174.0	124.8	77.0	24.6	21.3	8.5	3.9	3.9	5.0
	OBS./EXP.	0.971	0.897	1.000	0.935	1.222	1.417	2.051	2.414	
	RELATIVE RISK	1.000	0.923	1.030	0.963	1.257	1.459	2.112	2.485	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4850	0.6051	0.3206	0.2884	0.1456	0.0304	0.4819	0.2184	0.0160
										HOMO. TREND.
										0.0087 0.0000

TABLE 6-8 ALL NEOPLASMS

TABLE 6-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
		A	B	C	D	E	F	G	H	
1950-78	OBS.	2469	905	656	523	144	107	64	30	40
	EXP.	1004.4	682.9	494.3	134.7	80.6	35.2	16.5	20.3	
	OBS./EXP.	0.901	0.961	1.058	1.069	1.327	1.817	1.815	1.974	
	RELATIVE RISK	1.000	1.066	1.174	1.187	1.673	2.017	2.014	2.190	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.0208	0.0772	0.0028	0.0000	0.0033	0.0002	0.0106	0.0000	0.0000
1950-54	OBS.	231	79	55	53	16	10	6	4	8
	EXP.	93.6	64.6	46.9	12.7	7.1	3.0	1.4	1.8	
	OBS./EXP.	0.844	0.852	1.130	1.263	1.415	2.000	2.798	4.474	
	RELATIVE RISK	1.000	1.009	1.338	1.496	1.675	2.369	3.314	5.300	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.1735	0.1686	0.1757	0.1295	0.0841	0.0013	0.1062	0.0688	0.0005
1955-58	OBS.	293	120	86	52	13	9	8	1	4
	EXP.	116.2	83.0	59.8	16.3	9.4	4.1	1.9	2.2	
	OBS./EXP.	1.033	1.036	0.870	0.795	0.954	1.958	0.530	1.790	
	RELATIVE RISK	1.000	1.003	0.842	0.770	0.924	1.896	0.514	1.733	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.7390	0.7180	0.4545	0.0991	0.7192	0.2533	0.7790	0.2440	0.4277
1959-62	OBS.	329	120	90	68	26	16	2	3	4
	EXP.	139.0	88.2	66.1	17.9	9.5	4.1	2.0	2.3	
	OBS./EXP.	0.863	1.020	1.029	1.455	1.688	0.491	1.522	1.743	
	RELATIVE RISK	1.000	1.182	1.192	1.685	1.955	0.569	1.764	2.019	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.2512	0.0365	0.0365	0.7630	0.3889	0.2462	0.0925	0.1008	0.1700
1963-66	OBS.	356	127	95	82	20	13	8	5	6
	EXP.	149.8	95.6	71.0	18.8	10.9	4.9	2.3	2.7	
	OBS./EXP.	0.848	0.994	1.154	1.062	1.194	1.639	2.209	2.193	
	RELATIVE RISK	1.000	1.172	1.361	1.253	1.408	1.933	2.605	2.586	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.0660	0.2873	0.2076	0.1415	0.0883	0.0671	0.0668	0.0906	0.0124
1967-70	OBS.	393	135	98	98	22	14	13	4	9
	EXP.	160.1	108.3	78.2	21.2	13.2	5.9	2.7	3.3	
	OBS./EXP.	0.843	0.905	1.254	1.038	1.062	2.188	1.460	2.687	
	RELATIVE RISK	1.000	1.073	1.487	1.230	1.259	2.594	1.731	3.186	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.0191	0.2237	0.2488	0.0052	0.2530	0.0068	0.0200	0.0245	0.0086
1971-74	OBS.	420	161	120	78	17	24	9	7	4
	EXP.	167.2	119.0	83.2	23.0	14.5	6.5	2.9	3.6	
	OBS./EXP.	0.963	1.008	0.937	0.738	0.738	1.651	1.389	2.384	
	RELATIVE RISK	1.000	1.047	0.973	0.767	0.767	1.715	1.442	2.476	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.5565	0.8224	0.0607	0.2716	0.0765	0.4240	0.6732	0.0384	0.1343
1975-78	OBS.	447	163	112	92	30	21	18	6	5
	EXP.	180.3	124.3	88.6	24.2	15.8	6.7	3.2	4.0	
	OBS./EXP.	0.904	0.901	1.039	1.241	1.331	2.670	1.893	1.257	
	RELATIVE RISK	1.000	0.997	1.149	1.373	1.472	2.954	2.094	1.391	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.2516	0.1639	0.1752	0.0007	0.1503	0.3916	0.1674	0.0059	0.1383

TABLE 6-9 ALL NEOPLASMS

TABLE 6-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	3974	1699	962	761	209	155	86	38	64		
	EXP.	1796.1	1025.7	737.6	196.0	122.6	43.3	21.1	31.5			
	OBS./EXP. RELATIVE RISK	0.946 1.000	0.938 0.992	1.032 1.091	1.066 1.127	1.264 1.336	1.984 2.098	1.804 1.907	2.033 2.149			
	TEST PROB.	A=C? 0.0812	A=D? 0.1319	A=E? 0.0083	A=F? 0.0000	A=G? 0.0028	A=H? 0.0000	A=CD? 0.0513	A=EF? 0.0000	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	404	178 182.7	92 104.7	72 74.7	25 20.1	17 12.3	6 4.2	6 2.1	8 3.2		
	OBS./EXP. RELATIVE RISK	0.974 1.000	0.878 0.902	0.964 0.990	1.247 1.280	1.379 1.416	1.422 1.460	2.851 2.926	2.521 2.588			
	TEST PROB.	A=C? 0.5367	A=D? 0.2319	A=E? 0.2015	A=F? 0.3303	A=G? 0.0484	A=H? 0.0446	A=CD? 0.4120	A=EF? 0.1524	A=GH? 0.0065	HOMO. 0.0052	TREND. 0.0000
1955-58	OBS. EXP.	469	214 212.2	118 120.6	81 87.4	21 23.7	14 14.3	11 5.0	3 2.4	7 3.6		
	OBS./EXP. RELATIVE RISK	1.009 1.000	0.979 0.970	0.927 0.919	0.887 0.879	0.982 0.974	2.208 2.189	1.242 1.231	1.970 1.953			
	TEST PROB.	A=C? 0.6982	A=D? 0.6872	A=E? 0.5442	A=F? 0.0457	A=G? 0.4105	A=H? 0.1394	A=CD? 0.7279	A=EF? 0.2161	A=GH? 0.1612	HOMO. 0.1116	TREND. 0.0092
1959-62	OBS. EXP.	563	228 254.7	145 144.1	110 105.0	31 29.0	30 17.1	6 6.0	5 2.9	8 4.1		
	OBS./EXP. RELATIVE RISK	0.895 1.000	1.006 1.124	1.047 1.170	1.068 1.193	1.756 1.962	1.003 1.121	1.715 1.916	1.944 2.172			
	TEST PROB.	A=C? 0.1781	A=D? 0.2849	A=E? 0.0083	A=F? 0.4403	A=G? 0.2171	A=H? 0.0893	A=CD? 0.1522	A=EF? 0.0163	A=GH? 0.0479	HOMO. 0.0108	TREND. 0.0006
1963-66	OBS. EXP.	602	252 272.9	146 153.8	123 112.4	34 29.9	20 18.4	12 6.8	5 3.1	10 4.6		
	OBS./EXP. RELATIVE RISK	0.923 1.000	0.949 1.028	1.094 1.185	1.136 1.230	1.086 1.176	1.773 1.920	1.636 1.771	2.156 2.335			
	TEST PROB.	A=C? 0.1438	A=D? 0.2349	A=E? 0.3543	A=F? 0.0750	A=G? 0.2446	A=H? 0.0409	A=CD? 0.1126	A=EF? 0.1343	A=GH? 0.0269	HOMO. 0.0324	TREND. 0.0002
1967-70	OBS. EXP.	602	258 273.3	144 153.6	119 112.4	29 29.4	20 18.6	17 6.8	4 3.1	11 4.8		
	OBS./EXP. RELATIVE RISK	0.944 1.000	0.938 0.993	1.058 1.121	0.985 1.044	1.073 1.136	2.513 2.662	1.307 1.385	2.291 2.426			
	TEST PROB.	A=C? 0.2430	A=D? 0.4778	A=E? 0.4017	A=F? 0.0030	A=G? 0.4258	A=H? 0.0257	A=CD? 0.2579	A=EF? 0.0480	A=GH? 0.0347	HOMO. 0.0005	TREND. 0.0000
1971-74	OBS. EXP.	639	285 288.5	146 165.5	123 119.0	30 30.8	27 19.7	12 7.1	8 3.3	8 5.2		
	OBS./EXP. RELATIVE RISK	0.988 1.000	0.882 0.893	1.034 1.046	0.975 0.987	1.370 1.386	1.697 1.718	2.402 2.431	1.553 1.572			
	TEST PROB.	A=C? 0.3972	A=D? 0.5327	A=E? 0.1403	A=F? 0.1218	A=G? 0.0526	A=H? 0.2259	A=CD? 0.4222	A=EF? 0.0584	A=GH? 0.0431	HOMO. 0.0180	TREND. 0.0004
1975-78	OBS. EXP.	695	284 311.8	171 183.3	133 128.7	39 32.9	27 21.9	22 7.4	7 3.7	12 5.3		
	OBS./EXP. RELATIVE RISK	0.911 1.000	0.933 1.024	1.033 1.134	1.185 1.301	1.233 1.353	2.984 3.276	1.880 2.064	2.263 2.484			
	TEST PROB.	A=C? 0.2081	A=D? 0.1518	A=E? 0.1694	A=F? 0.0001	A=G? 0.1236	A=H? 0.0195	A=CD? 0.1346	A=EF? 0.0030	A=GH? 0.0078	HOMO. 0.0000	TREND. 0.0000

TABLE 6-10 ALL NEOPLASMS

TABLE 6-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	1008	197	358	205	72	76	46	18	36		
	EXP.	213.5	362.3	210.7	80.2	70.5	35.9	15.5	19.4			
	OBS./EXP.	0.923	0.988	0.973	0.898	1.078	1.282	1.165	1.851			
	RELATIVE RISK	1.000	1.071	1.054	0.973	1.169	1.390	1.263	2.006			
	TEST PROB.	A=C? 0.3814	A=0? 0.5673	A=E? 0.2250	A=F? 0.0870	A=G? 0.2862	A=H? 0.0037	A=CD? 0.4304	A=EF? 0.1020	A=GH? 0.0097	HOMO. 0.0050	TREND. 0.0000
1950-54	OBS. EXP.	100	18	30	23	5	7	6	1	10		
	EXP.	20.3	37.4	23.0	7.3	5.9	2.9	1.3	1.3	1.8		
	OBS./EXP.	0.887	0.802	0.999	0.681	1.181	2.037	0.791	5.547			
	RELATIVE RISK	1.000	0.903	1.126	0.768	1.331	2.295	0.892	6.251			
	TEST PROB.	A=C? 0.4564	A=0? 0.6904	A=E? 0.3872	A=F? 0.1457	A=G? 0.5886	A=H? 0.0002	A=CD? 0.5287	A=EF? 0.1895	A=GH? 0.0041	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. EXP.	113	20	51	25	4	5	4	1	3		
	EXP.	21.9	43.3	25.9	8.4	6.9	3.4	1.4	1.9			
	OBS./EXP.	0.913	1.179	0.965	0.477	0.727	1.175	0.729	1.574			
	RELATIVE RISK	1.000	1.291	1.057	0.522	0.796	1.286	0.798	1.723			
	TEST PROB.	A=C? 0.4661	A=0? 0.8510	A=E? 0.6694	A=F? 0.4304	A=G? 0.6373	A=H? 0.3927	A=CD? 0.5963	A=EF? 0.5576	A=GH? 0.4505	HOMO. 0.6274	TREND. 0.4799
1959-62	OBS. EXP.	107	14	43	24	5	10	2	4	5		
	EXP.	22.2	38.9	22.9	8.7	7.1	3.5	1.6	2.1			
	OBS./EXP.	0.630	1.105	1.046	0.575	1.414	0.575	2.568	2.363			
	RELATIVE RISK	1.000	1.754	1.661	0.912	2.244	0.912	4.075	3.752			
	TEST PROB.	A=C? 0.1941	A=0? 0.5395	A=E? 0.1063	A=F? 0.5766	A=G? 0.0624	A=H? 0.0565	A=CD? 0.2614	A=EF? 0.1648	A=GH? 0.0149	HOMO. 0.0391	TREND. 0.0175
1963-66	OBS. EXP.	132	27	47	26	16	3	8	0	5		
	EXP.	28.3	46.8	27.8	10.7	9.1	4.6	2.1	2.1			
	OBS./EXP.	0.954	1.003	0.936	1.502	0.329	1.733	0.000	1.884			
	RELATIVE RISK	1.000	1.052	0.982	1.574	0.345	1.816	0.000	1.975			
	TEST PROB.	A=C? 0.5586	A=0? 0.1720	A=E? 0.9296	A=F? 0.1985	A=G? 0.8932	A=H? 0.2379	A=CD? 0.3822	A=EF? 0.6811	A=GH? 0.4325	HOMO. 0.0577	TREND. 0.2339
1967-70	OBS. EXP.	178	29	63	42	14	11	11	4	4		
	EXP.	39.4	62.2	35.6	14.6	13.0	6.8	2.9	3.5			
	OBS./EXP.	0.735	1.013	1.179	0.962	0.845	1.622	1.388	1.134			
	RELATIVE RISK	1.000	1.378	1.603	1.308	1.149	2.207	1.887	1.543			
	TEST PROB.	A=C? 0.1006	A=0? 0.3194	A=E? 0.4946	A=F? 0.0795	A=G? 0.2892	A=H? 0.4149	A=CD? 0.1086	A=EF? 0.1869	A=GH? 0.2360	HOMO. 0.3836	TREND. 0.1347
1971-74	OBS. EXP.	187	41	71	29	14	20	7	1	4		
	EXP.	40.8	66.5	37.4	15.1	13.8	7.1	3.0	3.4			
	OBS./EXP.	1.005	1.068	0.776	0.927	1.452	0.989	0.333	1.172			
	RELATIVE RISK	1.000	1.063	0.772	0.922	1.445	0.984	0.331	1.166			
	TEST PROB.	A=C? 0.8061	A=0? 0.6136	A=E? 0.2103	A=F? 0.5449	A=G? 0.8437	A=H? 0.4215	A=CD? 0.7803	A=EF? 0.2910	A=GH? 0.6960	HOMO. 0.4713	TREND. 0.3912
1975-78	OBS. EXP.	191	48	53	36	14	20	8	7	5		
	EXP.	42.5	65.8	36.8	15.9	15.2	7.8	3.3	3.6			
	OBS./EXP.	1.128	0.806	0.978	0.883	1.319	1.020	2.091	1.372			
	RELATIVE RISK	1.000	0.714	0.867	0.782	1.169	0.904	1.854	1.216			
	TEST PROB.	A=C? 0.6962	A=0? 0.7421	A=E? 0.3660	A=F? 0.5998	A=G? 0.1760	A=H? 0.4642	A=CD? 0.7516	A=EF? 0.4433	A=GH? 0.2005	HOMO. 0.2100	TREND. 0.0325

TABLE 7-1 ALL MALIGNANT NEOPLASMS

TABLE 7-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	4756	1816	1248	924	270	222	124	55	97		
TOTAL	EXP.		1919.9	1324.2	905.1	263.5	184.2	75.5	34.8	48.6		
	OBS./EXP.		0.946	0.942	1.021	1.024	1.205	1.642	1.579	1.996		
	RELATIVE RISK		1.000	0.996	1.079	1.083	1.274	1.736	1.669	2.110		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0842	0.1693	0.0063	0.0000	0.0035	0.0000	0.0603	0.0000	0.0000	0.0000	0.0000
1950-54	OBS.	477	188	111	89	28	24	12	7	18		
	EXP.		192.6	134.4	92.3	25.8	17.2	6.7	3.2	4.7		
	OBS./EXP.		0.976	0.826	0.964	1.085	1.394	1.786	2.203	3.829		
	RELATIVE RISK		1.000	0.846	0.988	1.111	1.428	1.829	2.257	3.922		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5505	0.3309	0.1240	0.0908	0.0740	0.0001	0.4641	0.0517	0.0000	0.0000	0.0000
1955-58	OBS.	551	223	156	101	25	18	14	4	10		
	EXP.		222.0	154.9	107.2	30.3	19.9	7.9	3.6	5.2		
	OBS./EXP.		1.005	1.007	0.942	0.825	0.903	1.776	1.119	1.934		
	RELATIVE RISK		1.000	1.002	0.938	0.822	0.899	1.768	1.114	1.925		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6412	0.7442	0.5967	0.0683	0.4237	0.0861	0.7061	0.2553	0.1241	0.1439	0.0132
1959-62	OBS.	644	228	182	131	35	40	6	9	13		
	EXP.		266.1	176.0	123.1	36.3	23.2	9.1	4.3	6.0		
	OBS./EXP.		0.857	1.034	1.064	0.965	1.726	0.660	2.095	2.180		
	RELATIVE RISK		1.000	1.207	1.243	1.127	2.014	0.771	2.445	2.544		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0773	0.2656	0.0010	0.6302	0.0307	0.0087	0.0741	0.0058	0.0015	0.0000	0.0000
1963-66	OBS.	700	269	182	141	48	22	19	5	14		
	EXP.		287.7	191.0	133.7	38.7	26.2	10.8	4.9	7.0		
	OBS./EXP.		0.935	0.953	1.055	1.241	0.839	1.757	1.027	2.008		
	RELATIVE RISK		1.000	1.019	1.128	1.328	0.898	1.880	1.099	2.148		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2121	0.1302	0.6239	0.0408	0.4323	0.0307	0.1333	0.2279	0.0559	0.0094	0.0007
1967-70	OBS.	736	275	195	152	41	27	25	8	13		
	EXP.		295.4	203.3	139.7	41.5	29.9	12.8	5.6	7.9		
	OBS./EXP.		0.931	0.959	1.088	0.988	0.903	1.957	1.430	1.655		
	RELATIVE RISK		1.000	1.030	1.169	1.061	0.970	2.102	1.536	1.778		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1406	0.3714	0.4708	0.0040	0.2020	0.0681	0.1526	0.0802	0.0395	0.0063	0.0005
1971-74	OBS.	794	313	206	148	42	47	18	8	12		
	EXP.		316.3	223.0	150.3	44.2	32.3	13.6	6.1	8.2		
	OBS./EXP.		0.990	0.924	0.984	0.951	1.456	1.319	1.312	1.457		
	RELATIVE RISK		1.000	0.934	0.995	0.961	1.471	1.333	1.325	1.473		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4909	0.5826	0.0550	0.2166	0.3287	0.2080	0.4945	0.0386	0.1480	0.0948	0.0032
1975-78	OBS.	854	320	216	162	51	44	30	14	17		
	EXP.		341.5	240.1	159.6	46.9	35.7	14.7	6.8	8.6		
	OBS./EXP.		0.937	0.900	1.015	1.086	1.231	2.045	2.057	1.968		
	RELATIVE RISK		1.000	0.960	1.084	1.160	1.314	2.183	2.196	2.101		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3191	0.2915	0.1835	0.0030	0.0428	0.0300	0.2512	0.0112	0.0050	0.0000	0.0000

TABLE 7-2 ALL MALIGNANT NEOPLASMS

TABLE 7-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	Y=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	78	21	18	8	2	7	12	1	9		
	EXP.	31.0	23.5	15.8	3.7	2.0	1.0	0.4	0.6			
	OBS./EXP.	0.678	0.767	0.507	0.540	3.464	11.885	2.347	14.038			
	RELATIVE RISK	1.000	1.131	0.747	0.796	5.105	17.518	3.459	20.691			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7123	0.6642	0.0079	0.0000	0.2782	0.0000	0.6953	0.0000	0.0000	0.0000	0.0000
1950-54	OBS. TOTAL	9	2	0	0	0	3	1	0	3		
	EXP.	2.9	3.0	2.0	0.5	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.698	0.000	0.000	0.000	10.353	6.162	0.000	27.593			
	RELATIVE RISK	1.000	0.000	0.000	0.000	14.823	8.823	0.000	39.506			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9078	0.8200	0.0170	0.2594	0.7716	0.0010	0.9230	0.0221	0.0077	0.0000	0.0000
1955-58	OBS. TOTAL	5	1	0	1	0	0	2	0	1		
	EXP.	1.8	1.6	1.1	0.3	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.	0.555	0.000	0.950	0.000	0.000	25.993	0.000	20.263			
	RELATIVE RISK	1.000	0.000	1.713	0.000	0.000	46.859	0.000	36.529			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2897	0.7782	0.7703	0.0400	0.7621	0.2409	0.3038	0.1985	0.2419	0.0000	0.0000
1959-62	OBS. TOTAL	12	2	0	2	1	1	3	0	3		
	EXP.	4.5	3.7	2.5	0.6	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.440	0.000	0.802	1.710	3.065	17.386	0.000	27.805			
	RELATIVE RISK	1.000	0.000	1.823	3.889	6.968	39.528	0.000	63.216			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3542	0.2734	0.2562	0.0011	0.7699	0.0008	0.4105	0.0053	0.0077	0.0000	0.0000
1963-66	OBS. TOTAL	4	0	1	1	0	0	1	0	1		
	EXP.	1.3	1.3	0.9	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.	0.000	0.758	1.144	0.000	0.000	15.106	0.000	23.195			
	RELATIVE RISK	X	X	X	X	X	X	X	X			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2398	X	X	0.2398	X	0.2398	0.2398	0.2398	0.2398	0.0000	0.0000
1967-70	OBS. TOTAL	10	4	2	0	0	2	0	1	1		
	EXP.	3.9	3.0	2.1	0.5	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP.	1.030	0.659	0.000	0.000	7.657	0.000	17.409	11.877			
	RELATIVE RISK	1.000	0.640	0.000	0.000	7.437	0.000	16.909	11.536			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9193	0.8272	0.1831	0.7843	0.2453	0.2474	0.9346	0.2948	0.0263	0.0000	0.0000
1971-74	OBS. TOTAL	15	4	7	2	0	1	1	0	0		
	EXP.	6.2	4.4	3.0	0.7	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.641	1.594	0.677	0.000	2.729	5.817	0.000	0.000	0.000		
	RELATIVE RISK	1.000	2.487	1.057	0.000	4.260	9.078	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4494	0.8016	0.2603	0.2482	0.7646	0.7659	0.6268	0.1041	0.7701	0.2727	0.2549
1975-78	OBS. TOTAL	23	8	8	2	1	0	4	0	0		
	EXP.	10.3	6.4	4.4	1.0	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.778	1.252	0.458	1.004	0.000	17.854	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.608	0.589	1.290	0.000	22.946	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7693	0.4009	0.8143	0.0001	0.7735	0.7811	0.7137	0.0370	0.7923	0.0000	0.0050

TABLE 7-3 ALL MALIGNANT NEOPLASMS

TABLE 7-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	253	74	68	41	12	20	14	12	12		
	EXP.		93.6	78.0	40.8	13.4	14.2	6.6	2.8	3.5		
	OBS./EXP. RELATIVE RISK		0.791 1.000	0.872 1.103	1.004 1.270	0.894 1.131	1.405 1.777	2.108 2.667	4.344 5.494	3.393 4.292		
	TEST PROB.	A=C? 0.1763	A=D? 0.4077	A=E? 0.0362	A=F? 0.0052	A=G? 0.0000	A=H? 0.0002	A=CD? 0.1825	A=EF? 0.0028	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	8	1 3.2	0 2.4	0 1.3	1 0.4	0 0.4	1 0.2	2 0.1	3 0.1		
	OBS./EXP. RELATIVE RISK		0.317 1.000	0.000 0.000	0.000 0.000	2.588 8.169	0.000 0.000	5.638 17.797	24.160 76.261	27.728 87.520		
	TEST PROB.	A=C? 0.8265	A=D? 0.2490	A=E? 0.7753	A=F? 0.2428	A=G? 0.0001	A=H? 0.0002	A=CD? 0.2968	A=EF? 0.2512	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. EXP.	16	3 5.3	6 5.1	5 2.6	0 1.0	1 1.1	1 0.5	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		0.561 1.000	1.183 2.107	1.912 3.406	0.000 0.000	0.933 1.662	1.972 3.514	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.1889	A=D? 0.8287	A=E? 0.2912	A=F? 0.2835	A=G? 0.7771	A=H? 0.7770	A=CD? 0.2931	A=EF? 0.3898	A=GH? 0.7919	HOMO. 0.6246	TREND. 0.5895
1959-62	OBS. EXP.	13	3 5.0	5 3.8	2 2.2	0 0.7	2 0.7	0 0.3	1 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK		0.603 1.000	1.313 2.176	0.915 1.517	0.000 0.000	2.861 4.741	0.000 0.000	6.826 11.313	0.000 0.000		
	TEST PROB.	A=C? 0.3652	A=D? 0.7979	A=E? 0.0883	A=F? 0.7719	A=G? 0.2502	A=H? 0.7694	A=CD? 0.3723	A=EF? 0.1518	A=GH? 0.2635	HOMO. 0.1958	TREND. 0.1944
1963-66	OBS. EXP.	19	6 7.0	5 5.9	4 3.1	1 1.0	2 1.1	1 0.5	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK		0.862 1.000	0.854 0.991	1.306 1.515	0.976 1.132	1.814 2.104	1.911 2.217	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4437	A=D? 0.6138	A=E? 0.4404	A=F? 0.3011	A=G? 0.7811	A=H? 0.7846	A=CD? 0.4761	A=EF? 0.3781	A=GH? 0.8020	HOMO. 0.9452	TREND. 0.4454
1967-70	OBS. EXP.	41	9 14.9	13 12.4	8 6.8	3 2.3	1 2.4	4 1.1	1 0.5	2 0.6		
	OBS./EXP. RELATIVE RISK		0.605 1.000	1.047 1.730	1.181 1.952	1.303 2.152	0.408 0.675	3.493 5.771	2.098 3.466	3.525 5.825		
	TEST PROB.	A=C? 0.2035	A=D? 0.3198	A=E? 0.7055	A=F? 0.0309	A=G? 0.2735	A=H? 0.1103	A=CD? 0.1532	A=EF? 0.2202	A=GH? 0.0651	HOMO. 0.0318	TREND. 0.0024
1971-74	OBS. EXP.	60	(2) 22.5	18 18.5	7 9.6	2 3.1	6 3.3	3 1.5	3 0.6	0 0.8		
	OBS./EXP. RELATIVE RISK		0.935 1.000	0.974 1.043	0.727 0.777	0.639 0.683	1.824 1.951	1.960 2.097	4.622 4.945	0.000 0.000		
	TEST PROB.	A=C? 0.6390	A=D? 0.7075	A=E? 0.1701	A=F? 0.2808	A=G? 0.0541	A=H? 0.8246	A=CD? 0.6798	A=EF? 0.1198	A=GH? 0.2602	HOMO. 0.0445	TREND. 0.0551
1975-78	OBS. EXP.	96	31 35.9	21 29.9	15 15.3	5 5.0	8 5.2	4 2.4	5 1.0	7 1.3		
	OBS./EXP. RELATIVE RISK		0.863 1.000	0.703 0.814	0.979 1.134	1.010 1.169	1.533 1.776	1.656 1.918	5.028 5.823	5.343 6.189		
	TEST PROB.	A=C? 0.4435	A=D? 0.4329	A=E? 0.1971	A=F? 0.2109	A=G? 0.0053	A=H? 0.0005	A=CD? 0.4228	A=EF? 0.1021	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000

TABLE 7-4 ALL MALIGNANT NEOPLASMS

TABLE 7-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	670	237	164	130	38	40	33	11	17		
	EXP.	263.6		190.3	120.2	38.2	28.4	13.7	6.9	8.6		
	OBS./EXP.		0.899	0.862	1.082	0.996	1.406	2.405	1.603	1.967		
	RELATIVE RISK		1.000	0.959	1.203	1.107	1.564	2.676	1.783	2.188		
	TEST PROB.	A=C? 0.1167	A=D? 0.4234	A=E? 0.0653	A=F? 0.0002	A=G? 0.1408	A=H? 0.0217	A=CD? 0.1359	A=EF? 0.0008	A=GH? 0.0103	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	38	12 15.3	11 10.7	7 6.8	0 2.1	3 1.5	2 0.7	1 0.4	2 0.5		
	OBS./EXP.		0.783	1.030	1.029	0.000	1.972	2.752	2.764	4.164		
	RELATIVE RISK		1.000	1.316	1.314	0.000	2.519	3.515	3.529	5.318		
	TEST PROB.	A=C? 0.4120	A=D? 0.8649	A=E? 0.1954	A=F? 0.1968	A=G? 0.2626	A=H? 0.1204	A=CD? 0.4396	A=EF? 0.0973	A=GH? 0.0626	HOMO. 0.0804	TREND. 0.0016
1955-58	OBS. EXP.	37	12 14.2	12 10.7	6 7.0	2 2.1	0 1.5	2 0.6	0 0.3	3 0.5		
	OBS./EXP.		0.843	1.119	0.861	0.938	0.000	3.096	0.000	6.157		
	RELATIVE RISK		1.000	1.328	1.022	1.114	0.000	3.675	0.000	7.308		
	TEST PROB.	A=C? 0.4330	A=D? 0.4173	A=E? 0.8701	A=F? 0.2420	A=G? 0.7968	A=H? 0.0355	A=CD? 0.4353	A=EF? 0.3907	A=GH? 0.1268	HOMO. 0.0106	TREND. 0.0036
1959-62	OBS. EXP.	50	19 20.2	12 14.1	8 9.1	1 2.8	4 1.9	0 0.9	2 0.5	4 0.6		
	OBS./EXP.		0.943	0.850	0.880	0.363	2.081	0.000	4.352	6.464		
	RELATIVE RISK		1.000	0.901	0.934	0.385	2.207	0.000	4.615	6.855		
	TEST PROB.	A=C? 0.6172	A=D? 0.8315	A=E? 0.2807	A=F? 0.8473	A=G? 0.2012	A=H? 0.0115	A=CD? 0.7040	A=EF? 0.4574	A=GH? 0.0039	HOMO. 0.0002	TREND. 0.0000
1963-66	OBS. EXP.	96	32 38.8	30 27.1	18 17.4	6 5.2	2 3.7	4 1.7	1 0.9	3 1.2		
	OBS./EXP.		0.824	1.108	1.036	1.145	0.543	2.332	1.127	2.526		
	RELATIVE RISK		1.000	1.344	1.258	1.389	0.659	2.830	1.367	3.066		
	TEST PROB.	A=C? 0.3260	A=D? 0.4360	A=E? 0.7799	A=F? 0.1989	A=G? 0.4311	A=H? 0.2062	A=CD? 0.3183	A=EF? 0.4879	A=GH? 0.2479	HOMO. 0.3008	TREND. 0.0312
1967-70	OBS. EXP.	109	36 42.2	23 31.1	28 19.4	8 6.3	7 4.9	4 2.4	2 1.2	1 1.5		
	OBS./EXP.		0.854	0.740	1.442	1.267	1.425	1.644	1.683	0.689		
	RELATIVE RISK		1.000	0.866	1.689	1.484	1.670	1.926	1.972	0.808		
	TEST PROB.	A=C? 0.0857	A=D? 0.2794	A=E? 0.2635	A=F? 0.3572	A=G? 0.4154	A=H? 0.6528	A=CD? 0.0809	A=EF? 0.2022	A=GH? 0.4064	HOMO. 0.1859	TREND. 0.1118
1971-74	OBS. EXP.	148	50 58.2	37 42.1	29 26.5	7 8.5	13 6.3	8 3.0	2 1.5	2 1.9		
	OBS./EXP.		0.860	0.879	1.093	0.827	2.056	2.660	1.306	1.056		
	RELATIVE RISK		1.000	1.023	1.272	0.962	2.391	3.095	1.519	1.228		
	TEST PROB.	A=C? 0.2467	A=D? 0.6053	A=E? 0.0523	A=F? 0.0441	A=G? 0.3818	A=H? 0.4088	A=CD? 0.3028	A=EF? 0.0132	A=GH? 0.4526	HOMO. 0.0104	TREND. 0.0070
1975-78	OBS. EXP.	192	76 74.8	39 54.8	34 34.0	14 11.2	11 8.5	13 4.1	3 2.1	2 2.5		
	OBS./EXP.		1.016	0.712	1.000	1.253	1.289	3.144	1.414	0.801		
	RELATIVE RISK		1.000	0.701	0.985	1.234	1.268	3.095	1.391	0.788		
	TEST PROB.	A=C? 0.5444	A=D? 0.3539	A=E? 0.3917	A=F? 0.0038	A=G? 0.4200	A=H? 0.6492	A=CD? 0.6806	A=EF? 0.0416	A=GH? 0.4394	HOMO. 0.0005	TREND. 0.0088

TABLE 7-5 ALL MALIGNANT NEOPLASMS

TABLE 7-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	2123	800	569	434	128	87	40	23	42		
	EXP.		851.6	580.0	410.5	118.0	88.9	34.1	16.0	23.9		
	OBS./EXP.		0.939	0.981	1.057	1.084	0.979	1.172	1.437	1.761		
	RELATIVE RISK		1.000	1.044	1.125	1.154	1.042	1.248	1.529	1.874		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0760	0.1261	0.3828	0.1467	0.0846	0.0027	0.0465	0.1875	0.0013	0.0011	0.0000
1950-54	OBS.	157	53	42	33	13	5	5	2	4		
	EXP.		62.8	42.9	31.0	8.6	6.2	2.5	1.2	1.7		
	OBS./EXP.		0.844	0.979	1.065	1.505	0.803	2.026	1.632	2.291		
	RELATIVE RISK		1.000	1.160	1.261	1.783	0.952	2.401	1.933	2.715		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2564	0.1060	0.5712	0.1736	0.4192	0.1816	0.1327	0.3303	0.1387	0.1693	0.0045
1955-58	OBS.	202	86	51	41	5	7	5	4	3		
	EXP.		83.2	54.4	39.4	10.8	7.7	2.9	1.4	2.1		
	OBS./EXP.		1.033	0.937	1.042	0.465	0.906	1.713	2.803	1.414		
	RELATIVE RISK		1.000	0.907	1.008	0.450	0.877	1.658	2.713	1.368		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4733	0.8999	0.5967	0.2214	0.1174	0.4737	0.6733	0.4039	0.1258	0.1860	0.0811
1959-62	OBS.	258	84	73	60	16	14	2	4	5		
	EXP.		103.4	70.4	49.6	14.6	10.9	4.2	2.0	3.0		
	OBS./EXP.		0.812	1.038	1.211	1.095	1.281	0.478	2.011	1.682		
	RELATIVE RISK		1.000	1.277	1.490	1.348	1.577	0.589	2.475	2.070		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0359	0.1760	0.1201	0.6837	0.1265	0.1530	0.0318	0.1985	0.0601	0.1087	0.0415
1963-66	OBS.	289	107	78	55	27	9	7	2	4		
	EXP.		116.5	78.6	55.3	16.1	12.3	4.7	2.1	3.3		
	OBS./EXP.		0.919	0.993	0.994	1.675	0.729	1.489	0.944	1.195		
	RELATIVE RISK		1.000	1.081	1.082	1.823	0.794	1.621	1.028	1.300		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3871	0.0236	0.6484	0.2014	0.3991	0.4552	0.1549	0.4410	0.4075	0.1644	0.1635
1967-70	OBS.	376	145	103	75	19	13	10	3	8		
	EXP.		148.9	102.8	72.7	21.3	16.5	6.5	2.9	4.4		
	OBS./EXP.		0.974	1.001	1.032	0.891	0.789	1.548	1.044	1.806		
	RELATIVE RISK		1.000	1.029	1.060	0.915	0.811	1.590	1.072	1.855		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4271	0.6083	0.7000	0.1539	0.4128	0.1205	0.4859	0.4559	0.1546	0.5321	0.0683
1971-74	OBS.	398	162	100	83	22	16	2	3	10		
	EXP.		158.9	109.4	77.0	21.9	17.1	6.6	2.9	4.3		
	OBS./EXP.		1.020	0.914	1.078	1.004	0.937	0.304	1.048	2.341		
	RELATIVE RISK		1.000	0.896	1.057	0.984	0.919	0.298	1.028	2.296		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3882	0.5236	0.6028	0.9184	0.4384	0.0497	0.4105	0.7885	0.0899	0.0878	0.1066
1975-78	OBS.	443	163	122	87	26	23	9	5	8		
	EXP.		179.2	121.5	85.6	24.2	18.6	6.7	3.0	4.2		
	OBS./EXP.		0.909	1.004	1.017	1.076	1.234	1.339	1.689	1.903		
	RELATIVE RISK		1.000	1.104	1.118	1.183	1.356	1.472	1.857	2.093		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3141	0.3624	0.2669	0.3278	0.3251	0.1463	0.2526	0.1768	0.1069	0.2814	0.0024

TABLE 7-6 ALL MALIGNANT NEOPLASMS

TABLE 7-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	1632	684	429	311	90	68	25	8	17	
	EXP.		680.2	452.5	317.8	90.2	50.6	20.0	8.8	11.9	
	OBS./EXP.		1.006	0.948	0.979	0.997	1.343	1.249	0.911	1.424	
	RELATIVE RISK		1.000	0.943	0.973	0.992	1.335	1.242	0.906	1.416	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.6385	0.4868	0.0556	0.2187	0.5937	0.1900	0.6129	0.0385	0.2878	0.1408	0.0101
1950-54	OBS.	265	120	58	49	14	13	3	2	6	
	EXP.		108.5	75.4	51.2	14.2	8.8	3.2	1.4	2.3	
	OBS./EXP.		1.106	0.769	0.956	0.986	1.478	0.941	1.387	2.657	
	RELATIVE RISK		1.000	0.695	0.864	0.891	1.336	0.851	1.253	2.401	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.7671	0.6132	0.2950	0.6248	0.3880	0.1018	0.7652	0.3761	0.1347	0.0522	0.0091
1955-58	OBS.	291	121	87	48	18	10	4	0	3	
	EXP.		117.4	83.1	57.2	16.2	9.5	3.7	1.6	2.3	
	OBS./EXP.		1.031	1.047	0.839	1.112	1.049	1.071	0.000	1.324	
	RELATIVE RISK		1.000	1.015	0.814	1.078	1.017	1.039	0.000	1.285	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.8235	0.4830	0.4591	0.4396	0.8771	0.4093	0.7576	0.4624	0.7089	0.7932	0.5464
1959-62	OBS.	311	120	92	59	17	19	1	2	1	
	EXP.		133.1	84.0	59.7	17.6	9.3	3.5	1.6	2.1	
	OBS./EXP.		0.902	1.095	0.988	0.965	2.043	0.283	1.228	0.478	
	RELATIVE RISK		1.000	1.214	1.095	1.071	2.265	0.314	1.361	0.530	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.3981	0.4246	0.0097	0.8372	0.3840	0.7276	0.3789	0.0547	0.5393	0.0373	0.4020
1963-66	OBS.	292	124	68	63	14	9	6	2	6	
	EXP.		124.1	78.2	57.0	16.1	9.0	3.8	1.6	2.1	
	OBS./EXP.		0.999	0.869	1.105	0.871	1.005	1.576	1.233	2.817	
	RELATIVE RISK		1.000	0.870	1.106	0.872	1.006	1.578	1.234	2.820	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.3623	0.6821	0.4789	0.3145	0.3954	0.0820	0.4424	0.3956	0.1159	0.1477	0.0074
1967-70	OBS.	200	81	54	41	11	4	7	1	1	
	EXP.		85.5	53.9	38.8	11.1	5.8	2.6	1.0	1.3	
	OBS./EXP.		0.947	1.002	1.058	0.993	0.688	2.688	1.002	0.757	
	RELATIVE RISK		1.000	1.058	1.117	1.049	0.726	2.838	1.058	0.800	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.3313	0.4742	0.6446	0.0220	0.3789	0.5844	0.3364	0.1855	0.4503	0.2854	0.1901
1971-74	OBS.	173	76	44	27	11	11	4	0	0	
	EXP.		70.5	48.6	34.2	9.9	5.2	2.4	1.0	1.1	
	OBS./EXP.		1.077	0.905	0.789	1.106	2.106	1.701	0.000	0.000	
	RELATIVE RISK		1.000	0.840	0.733	1.026	1.954	1.579	0.000	0.000	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.8482	0.4530	0.1426	0.3297	0.8475	0.8562	0.7893	0.1062	0.9020	0.0885	0.3784
1975-78	OBS.	100	42	26	24	5	2	0	1	0	
	EXP.		41.3	27.6	20.3	5.7	2.8	1.2	0.6	0.5	
	OBS./EXP.		1.016	0.944	1.181	0.883	0.705	0.000	1.587	0.000	
	RELATIVE RISK		1.000	0.929	1.163	0.869	0.694	0.000	1.562	0.000	
TEST	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.4029	0.6091	0.6877	0.8675	0.3244	0.8085	0.4475	0.8007	0.5683	0.8796	0.8240

TABLE 7-7 ALL MALIGNANT NEOPLASMS

TABLE 7-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD								
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
		A	B	C	D	E	F	G	H	
1950-78	OBS.	2408	949	631	427	133	119	66	25	58
	EXP.	965.1	674.7	434.9	135.5	107.5	42.0	19.1	29.3	
	OBS./EXP.	0.983	0.935	0.982	0.982	1.107	1.572	1.309	1.980	
	RELATIVE RISK	1.000	0.951	0.998	0.998	1.126	1.599	1.331	2.014	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4842	0.4867	0.1846	0.0045	0.1729	0.0001	0.4631	0.0204	0.0003
										HOMO, TREND, 0.0000
1950-54	OBS.	261	115	60	40	13	14	6	3	10
	EXP.	105.6	73.8	48.4	14.0	10.5	3.9	1.8	3.0	
	OBS./EXP.	1.089	0.813	0.827	0.932	1.329	1.549	1.646	3.329	
	RELATIVE RISK	1.000	0.747	0.760	0.856	1.220	1.423	1.512	3.058	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.8487	0.6337	0.3138	0.3198	0.4017	0.0106	0.8411	0.2568	0.0183
										HOMO, TREND, 0.0009
1955-58	OBS.	278	110	79	52	12	9	7	3	6
	EXP.	113.7	77.6	51.4	15.1	11.2	4.1	1.8	3.1	
	OBS./EXP.	0.968	1.018	1.011	0.795	0.804	1.704	1.643	1.943	
	RELATIVE RISK	1.000	1.052	1.045	0.821	0.831	1.761	1.698	2.008	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4763	0.7288	0.6986	0.2214	0.4536	0.1248	0.5600	0.4879	0.1496
										HOMO, TREND, 0.4471
1959-62	OBS.	327	113	95	65	10	24	5	6	9
	EXP.	132.6	90.8	59.3	19.0	14.0	5.1	2.4	3.8	
	OBS./EXP.	0.852	1.047	1.096	0.526	1.712	0.973	2.506	2.399	
	RELATIVE RISK	1.000	1.228	1.286	0.617	2.010	1.142	2.941	2.815	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.1028	0.8439	0.0098	0.3793	0.0283	0.0136	0.2598	0.0139	0.0024
										HOMO, TREND, 0.0002
1963-66	OBS.	363	146	93	66	29	9	12	0	8
	EXP.	145.4	100.9	66.5	20.9	16.0	6.2	2.7	4.4	
	OBS./EXP.	1.004	0.922	0.993	1.389	0.564	1.924	0.000	1.828	
	RELATIVE RISK	1.000	0.918	0.989	1.383	0.562	1.917	0.000	1.821	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.5199	0.1685	0.8922	0.0851	0.9175	0.1655	0.3581	0.5679	0.4514
										HOMO, TREND, 0.0117
1967-70	OBS.	371	147	104	60	20	16	15	4	5
	EXP.	146.4	102.9	67.1	21.8	17.7	7.3	3.1	4.8	
	OBS./EXP.	1.004	1.011	0.895	0.916	0.903	2.056	1.303	1.049	
	RELATIVE RISK	1.000	1.006	0.891	0.912	0.899	2.047	1.298	1.045	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.7020	0.6241	0.6044	0.0332	0.4642	0.4321	0.7202	0.2233	0.4080
										HOMO, TREND, 0.2078
1971-74	OBS.	388	158	92	71	26	23	9	1	8
	EXP.	154.9	107.8	69.9	21.9	18.2	7.3	3.3	4.7	
	OBS./EXP.	1.020	0.854	1.016	1.188	1.264	1.224	0.307	1.686	
	RELATIVE RISK	1.000	0.837	0.997	1.165	1.240	1.201	0.301	1.654	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4797	0.2905	0.2890	0.3995	0.8483	0.1891	0.3970	0.2806	0.4411
										HOMO, TREND, 0.2732
1975-78	OBS.	420	160	108	73	23	24	12	8	12
	EXP.	166.5	119.5	73.6	23.5	20.4	8.1	3.7	4.8	
	OBS./EXP.	0.961	0.904	0.992	0.980	1.179	1.484	2.154	2.518	
	RELATIVE RISK	1.000	0.941	1.032	1.020	1.227	1.545	2.242	2.621	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4886	0.5080	0.3399	0.2445	0.1240	0.0233	0.4745	0.2067	0.0110
										HOMO, TREND, 0.0047

TABLE 7-8 ALL MALIGNANT NEOPLASMS

TABLE 7-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2348	867	617	497	137	103	58	30	39		
	EXP.	954.9	649.5	470.2	128.1	76.7	33.5	15.7	19.3			
	OBS./EXP. RELATIVE RISK	0.908 1.000	0.950 1.046	1.057 1.164	1.070 1.178	1.342 1.478	1.730 1.906	1.907 2.100	2.018 2.223			
	TEST PROB.	A=C? 0.0303	A=D? 0.0871	A=E? 0.0027	A=F? 0.0002	A=G? 0.0018	A=H? 0.0002	A=CD? 0.0167	A=EF? 0.0000	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	216	73	51	49	15	10	6	4	8		
	EXP.	87.0	60.6	44.0	11.9	6.7	2.8	1.4	1.7			
	OBS./EXP. RELATIVE RISK	0.340 1.000	0.841 1.002	1.115 1.328	1.264 1.506	1.496 1.782	2.107 2.510	2.954 3.519	4.714 5.615			
	TEST PROB.	A=C? 0.1913	A=D? 0.1638	A=E? 0.1304	A=F? 0.1004	A=G? 0.0654	A=H? 0.0007	A=CD? 0.1182	A=EF? 0.0436	A=GH? 0.0002	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. TOTAL	273	113	77	49	13	9	7	1	4		
	EXP.	108.3	77.4	55.8	15.2	8.7	3.8	1.7	2.1			
	OBS./EXP. RELATIVE RISK	1.043 1.000	0.995 0.954	0.878 0.842	0.856 0.820	1.030 0.988	1.854 1.777	0.571 0.548	1.921 1.841			
	TEST PROB.	A=C? 0.7202	A=D? 0.6572	A=E? 0.4597	A=F? 0.1263	A=G? 0.7006	A=H? 0.2253	A=CD? 0.7454	A=EF? 0.2249	A=GH? 0.3804	HOMO. 0.5136	TREND. 0.1040
1959-62	OBS. TOTAL	317	115	87	66	25	16	1	3	4		
	EXP.	133.5	85.2	63.8	17.2	9.2	3.9	1.9	2.2			
	OBS./EXP. RELATIVE RISK	0.861 1.000	1.021 1.185	1.035 1.202	1.449 1.683	1.746 2.027	0.253 0.294	1.577 1.831	1.808 2.100			
	TEST PROB.	A=C? 0.2443	A=D? 0.0398	A=E? 0.0285	A=F? 0.8621	A=G? 0.3679	A=H? 0.2297	A=CD? 0.0919	A=EF? 0.1174	A=GH? 0.1524	HOMO. 0.0267	TREND. 0.0330
1963-66	OBS. TOTAL	337	123	89	75	19	13	7	5	6		
	EXP.	142.3	90.2	67.2	17.8	10.2	4.6	2.1	2.6			
	OBS./EXP. RELATIVE RISK	0.864 1.000	0.987 1.142	1.116 1.291	1.068 1.236	1.269 1.468	1.530 1.770	2.348 2.717	2.313 2.676			
	TEST PROB.	A=C? 0.1217	A=D? 0.3076	A=E? 0.1768	A=F? 0.1926	A=G? 0.0755	A=H? 0.9544	A=CD? 0.1197	A=EF? 0.0909	A=GH? 0.0087	HOMO. 0.0444	TREND. 0.0003
1967-70	OBS. TOTAL	365	128	91	92	21	11	10	4	8		
	EXP.	149.0	100.4	72.6	19.7	12.2	5.5	2.5	3.1			
	OBS./EXP. RELATIVE RISK	0.859 1.000	0.906 1.055	1.267 1.475	1.068 1.243	0.903 1.051	1.824 2.124	1.584 1.844	2.592 3.017			
	TEST PROB.	A=C? 0.0251	A=D? 0.2211	A=E? 0.4230	A=F? 0.0379	A=G? 0.2230	A=H? 0.0120	A=CD? 0.0255	A=EF? 0.1152	A=GH? 0.0104	HOMO. 0.0025	TREND. 0.0002
1971-74	OBS. TOTAL	406	155	114	77	16	24	9	7	4		
	EXP.	161.4	115.2	80.5	22.3	14.1	6.3	2.8	3.5			
	OBS./EXP. RELATIVE RISK	0.961 1.000	0.990 1.030	0.957 0.996	0.719 0.748	1.703 1.773	1.430 1.488	2.460 2.561	1.146 1.193			
	TEST PROB.	A=C? 0.4811	A=D? 0.8311	A=E? 0.0473	A=F? 0.2452	A=G? 0.0661	A=H? 0.4229	A=CD? 0.6384	A=EF? 0.0281	A=GH? 0.1176	HOMO. 0.0189	TREND. 0.0070
1975-78	OBS. TOTAL	434	160	108	89	28	20	18	6	5		
	EXP.	175.0	120.6	86.0	23.5	15.4	6.6	3.1	3.9			
	OBS./EXP. RELATIVE RISK	0.914 1.000	0.895 0.980	1.035 1.132	1.193 1.305	1.300 1.422	2.733 2.990	1.941 2.123	1.291 1.413			
	TEST PROB.	A=C? 0.2874	A=D? 0.2191	A=E? 0.2144	A=F? 0.0006	A=G? 0.1454	A=H? 0.3827	A=CD? 0.2100	A=EF? 0.0077	A=GH? 0.1317	HOMO. 0.0002	TREND. 0.0001

TABLE 7-9 ALL MALIGNANT NEOPLASMS

TABLE 7-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	3800	1631	910	726	200	150	83	37	63		
	EXP.		1717.2	980.9	705.3	187.4	117.4	41.5	20.1	30.1		
	OBS./EXP.		0.950	0.928	1.029	1.047	1.277	2.001	1.837	2.090		
	RELATIVE RISK		1.000	0.977	1.084	1.123	1.345	2.107	1.934	2.201		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1026	0.1434	0.0076	0.0000	0.0026	0.0000	0.0669	0.0000	0.0000	0.0000	0.0000
1950-54	OBS.	385	172	84	68	24	17	6	6	8		
	EXP.		174.0	99.9	71.1	19.1	11.8	4.0	2.0	3.0		
	OBS./EXP.		0.988	0.841	0.956	1.258	1.440	1.488	2.985	2.629		
	RELATIVE RISK		1.000	0.850	0.968	1.273	1.457	1.506	3.020	2.660		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5828	0.2428	0.1789	0.3102	0.0426	0.0391	0.4555	0.1306	0.0051	0.0015	0.0000
1955-58	OBS.	446	204	109	77	21	14	11	3	7		
	EXP.		201.7	114.7	83.0	22.5	13.6	4.8	2.3	3.4		
	OBS./EXP.		1.012	0.950	0.927	0.933	1.029	2.315	1.302	2.059		
	RELATIVE RISK		1.000	0.939	0.916	0.922	1.017	2.288	1.287	2.036		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6995	0.6322	0.4624	0.0361	0.4139	0.1211	0.7086	0.1740	0.1377	0.0677	0.0039
1959-62	OBS.	541	216	140	107	30	30	5	5	8		
	EXP.		244.8	138.5	100.9	27.9	16.4	5.7	2.8	3.9		
	OBS./EXP.		0.882	1.011	1.060	1.075	1.829	0.871	1.791	2.030		
	RELATIVE RISK		1.000	1.146	1.201	1.219	2.073	0.987	2.029	2.301		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1442	0.2631	0.0045	0.5339	0.1908	0.0715	0.1213	0.0131	0.0348	0.0032	0.0004
1963-66	OBS.	576	244	139	115	32	19	12	5	10		
	EXP.		261.0	147.2	107.6	28.7	17.7	6.5	2.9	4.5		
	OBS./EXP.		0.935	0.944	1.069	1.117	1.076	1.853	1.711	2.244		
	RELATIVE RISK		1.000	1.010	1.144	1.195	1.151	1.982	1.830	2.401		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2081	0.2787	0.3782	0.0644	0.2297	0.0346	0.1719	0.1364	0.0218	0.0270	0.0001
1967-70	OBS.	569	247	136	113	27	17	15	4	10		
	EXP.		258.2	145.2	106.3	27.8	17.7	6.4	2.9	4.5		
	OBS./EXP.		0.956	0.937	1.063	0.971	0.962	2.345	1.387	2.201		
	RELATIVE RISK		1.000	0.979	1.112	1.015	1.006	2.451	1.451	2.301		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2675	0.4714	0.5239	0.0099	0.3933	0.0423	0.2907	0.1265	0.0461	0.0050	0.0002
1971-74	OBS.	613	274	137	120	28	27	12	7	8		
	EXP.		276.8	158.7	114.2	29.5	18.9	6.8	3.2	4.9		
	OBS./EXP.		0.990	0.863	1.051	0.949	1.426	1.770	2.197	1.622		
	RELATIVE RISK		1.000	0.872	1.062	0.958	1.441	1.788	2.220	1.638		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3615	0.5786	0.1130	0.1027	0.0935	0.2028	0.4059	0.0420	0.0552	0.0146	0.0003
1975-78	OBS.	670	274	165	126	38	26	22	7	12		
	EXP.		300.6	176.7	124.1	31.7	21.1	7.1	3.6	5.1		
	OBS./EXP.		0.912	0.934	1.015	1.199	1.231	3.089	1.950	2.346		
	RELATIVE RISK		1.000	1.025	1.114	1.315	1.350	3.388	2.139	2.574		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2503	0.1441	0.1743	0.0000	0.1112	0.0158	0.1571	0.0026	0.0058	0.0000	0.0000

TABLE 7-10 ALL MALIGNANT NEOPLASMS

TABLE 7-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	956	185	338	198	70	72	41	18	34		
	EXP.	202.7	202.7	343.3	199.9	76.1	66.8	34.0	14.7	18.5		
	OBS./EXP.	0.913	0.913	0.984	0.991	0.920	1.078	1.205	1.225	1.841		
	RELATIVE RISK	1.000	1.000	1.079	1.085	1.008	1.181	1.320	1.342	2.017		
	TEST PROB.	A=C? 0.3074	A=D? 0.4802	A=E? 0.2104	A=F? 0.1439	A=G? 0.2333	A=H? 0.0045	A=CD? 0.3413	A=EF? 0.1233	A=GH? 0.0084	HOMO. 0.0124	TREND. 0.0001
1950-54	OBS. EXP.	92	16	27	21	4	7	6	1	10		
	RELATIVE RISK	0.861	0.861	0.782	0.990	0.593	1.292	2.232	0.857	6.029		
	RELATIVE RISK	1.000	1.000	0.908	1.150	0.689	1.501	2.592	0.995	7.004		
	TEST PROB.	A=C? 0.4561	A=D? 0.7267	A=E? 0.3081	A=F? 0.1037	A=G? 0.4405	A=H? 0.0001	A=CD? 0.5368	A=EF? 0.1329	A=GH? 0.0023	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. EXP.	105	19	47	24	4	4	3	1	3		
	RELATIVE RISK	0.934	0.934	1.169	0.993	0.514	0.633	0.958	0.787	1.694		
	RELATIVE RISK	1.000	1.000	1.251	1.063	0.550	0.678	1.026	0.842	1.813		
	TEST PROB.	A=C? 0.4361	A=D? 0.8312	A=E? 0.7336	A=F? 0.4431	A=G? 0.6205	A=H? 0.3760	A=CD? 0.5642	A=EF? 0.6731	A=GH? 0.4821	HOMO. 0.6741	TREND. 0.5250
1959-62	OBS. EXP.	103	12	42	24	5	10	1	4	5		
	RELATIVE RISK	0.562	0.562	1.119	1.085	0.598	1.476	0.299	2.660	2.471		
	RELATIVE RISK	1.000	1.000	1.991	1.930	1.064	2.625	0.532	4.732	4.396		
	TEST PROB.	A=C? 0.1312	A=D? 0.4337	A=E? 0.0670	A=F? 0.7412	A=G? 0.0453	A=H? 0.0354	A=CD? 0.1797	A=EF? 0.1512	A=GH? 0.0082	HOMO. 0.0123	TREND. 0.0196
1963-66	OBS. EXP.	124	25	43	26	16	3	7	0	4		
	RELATIVE RISK	0.936	0.936	0.981	0.996	1.596	0.351	1.614	0.000	1.590		
	RELATIVE RISK	1.000	1.000	1.049	1.064	1.705	0.375	1.725	0.000	1.699		
	TEST PROB.	A=C? 0.4611	A=D? 0.1347	A=E? 0.9129	A=F? 0.2473	A=G? 0.8883	A=H? 0.3485	A=CD? 0.3031	A=EF? 0.6876	A=GH? 0.5736	HOMO. 0.1062	TREND. 0.3636
1967-70	OBS. EXP.	167	28	59	39	14	10	10	4	3		
	RELATIVE RISK	0.754	0.754	1.015	1.167	1.022	0.817	1.568	1.475	0.907		
	RELATIVE RISK	1.000	1.000	1.346	1.548	1.356	1.084	2.079	1.957	1.202		
	TEST PROB.	A=C? 0.1311	A=D? 0.2943	A=E? 0.4471	A=F? 0.1158	A=G? 0.2751	A=H? 0.4117	A=CD? 0.1267	A=EF? 0.2432	A=GH? 0.3104	HOMO. 0.4971	TREND. 0.2270
1971-74	OBS. EXP.	181	39	69	28	14	20	6	1	4		
	RELATIVE RISK	0.987	0.987	1.074	0.774	0.957	1.498	0.874	0.343	1.211		
	RELATIVE RISK	1.000	1.000	1.088	0.784	0.969	1.517	0.885	0.348	1.227		
	TEST PROB.	A=C? 0.7908	A=D? 0.5580	A=E? 0.1756	A=F? 0.6301	A=G? 0.8354	A=H? 0.4231	A=CD? 0.7505	A=EF? 0.2901	A=GH? 0.6704	HOMO. 0.4157	TREND. 0.3930
1975-78	OBS. EXP.	184	46	51	36	13	18	8	7	5		
	RELATIVE RISK	1.124	1.124	0.804	1.014	0.853	1.232	1.060	2.177	1.420		
	RELATIVE RISK	1.000	1.000	0.716	0.903	0.759	1.096	0.943	1.937	1.264		
	TEST PROB.	A=C? 0.6463	A=D? 0.7612	A=E? 0.4433	A=F? 0.5623	A=G? 0.1595	A=H? 0.4626	A=CD? 0.7213	A=EF? 0.4793	A=GH? 0.1795	HOMO. 0.2228	TREND. 0.0323

TABLE 8-1 LEUKEMIA

TABLE 8-1

MIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD								
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	180	46	24	33	11	17	16	12	21	
	EXP.	72.1	51.5	33.5	9.5	6.9	3.0	1.4	2.0	
	OBS./EXP.	0.638	0.466	0.984	1.161	2.454	5.290	8.558	10.613	
	RELATIVE RISK	1.000		1.738	2.051	4.335	9.344	15.117	18.748	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.0362	0.0695	0.0000	0.0000	0.0000	0.0000	0.0133	0.0000	0.0000
1950-54	37	7	2	2	3	5	4	3	11	
	EXP.	14.0	10.9	6.9	2.1	1.6	0.8	0.3	0.5	
	OBS./EXP.	0.502	0.183	0.291	1.444	3.161	5.299	8.788	23.344	
	RELATIVE RISK	1.000		0.805	3.995	8.744	14.660	24.315	64.585	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.6537	0.1065	0.0011	0.0001	0.0000	0.0000	0.3710	0.0000	0.0000
1955-58	32	5	5	8	1	2	6	1	4	
	EXP.	13.2	8.9	5.8	1.7	1.3	0.5	0.2	0.3	
	OBS./EXP.	0.378	0.559	1.378	0.603	1.557	11.299	4.547	12.245	
	RELATIVE RISK	1.000		3.056	1.336	3.453	25.055	10.082	27.151	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.0571	0.3809	0.3107	0.0000	0.2515	0.0000	0.0796	0.0000	0.0000
1959-62	24	5	1	7	1	4	1	1	4	
	EXP.	9.5	7.0	4.7	1.2	0.8	0.4	0.2	0.3	
	OBS./EXP.	0.529	0.143	1.497	0.803	4.843	2.722	5.623	15.115	
	RELATIVE RISK	1.000		4.101	2.201	13.271	7.460	15.409	41.420	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.0372	0.2973	0.0009	0.2551	0.2462	0.0000	0.0422	0.0000	0.0000
1963-66	19	3	3	5	2	2	1	3	0	
	EXP.	8.0	5.2	3.6	1.0	0.7	0.3	0.1	0.2	
	OBS./EXP.	0.377	0.578	1.408	1.977	2.927	3.398	23.004	0.000	
	RELATIVE RISK	1.000		3.085	4.331	6.412	7.443	50.391	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.1347	0.2116	0.1070	0.2595	0.0000	0.7724	0.0794	0.0008	0.0010
1967-70	18	5	4	2	0	1	2	3	1	
	EXP.	6.6	5.3	3.5	1.1	0.8	0.4	0.2	0.2	
	OBS./EXP.	0.762	0.751	0.577	0.000	1.283	5.324	16.393	4.400	
	RELATIVE RISK	1.000		0.762	0.000	1.693	7.029	21.641	5.808	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.6724	0.8472	0.3403	0.1525	0.0002	0.2619	0.7638	0.0065	0.0006
1971-74	20	7	7	1	1	2	1	1	0	
	EXP.	8.5	5.7	3.5	0.9	0.7	0.3	0.1	0.2	
	OBS./EXP.	0.826	1.219	0.282	1.105	2.916	3.577	6.851	0.000	
	RELATIVE RISK	1.000		0.286	1.122	2.962	3.633	6.959	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.8704	0.4215	0.3290	0.2757	0.2566	0.7845	0.8283	0.1328	0.2989
1975-78	30	14	2	8	3	1	1	0	1	
	EXP.	12.5	8.4	5.6	1.5	1.1	0.5	0.2	0.3	
	OBS./EXP.	1.117	0.238	1.441	2.037	0.890	2.208	0.000	3.578	
	RELATIVE RISK	1.000		1.884	2.664	1.164	2.887	0.000	4.678	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.2039	0.2033	0.3648	0.2726	0.7757	0.2644	0.1285	0.2936	0.2698

TABLE 8-2 LEUKEMIA

TABLE 8-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	30	6	3	4	1	4	4	1	7		
	EXP.	10.8	9.5	6.4	1.5	0.9	0.5	0.2	0.3	0.3		
	OBS./EXP. RELATIVE RISK	0.554	0.316	0.628	0.660	4.665	8.848	5.311	23.924	54.041		
	TEST PROB.	AB=C? 0.4901	AB=D? 0.3472	AB=E? 0.0019	AB=F? 0.0001	AB=G? 0.2491	AB=H? 0.0000	AB=CD? 0.4022	AB=E-H? 0.0000	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	9	2	0	0	0	3	1	0	3		
	EXP.	2.9	3.0	2.0	0.5	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.698	0.000	0.000	0.000	10.353	6.162	0.000	27.593	81.240		
	TEST PROB.	AB=C? 0.8440	AB=D? 0.7859	AB=E? 0.0003	AB=F? 0.2468	AB=G? 0.7643	AB=H? 0.0000	AB=CD? 0.8577	AB=E-H? 0.0000	AB=FGH? 0.0001	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. TOTAL	4	1	0	1	0	0	1	0	1		
	EXP.	1.6	1.2	0.8	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.625	0.000	1.246	0.000	0.000	18.440	0.000	30.719	85.926		
	TEST PROB.	AB=C? 0.2694	AB=D? 0.7719	AB=E? 0.7667	AB=F? 0.2419	AB=G? 0.7614	AB=H? 0.2405	AB=CD? 0.2769	AB=E-H? 0.0394	AB=FGH? 0.0054	HOMO. 0.0000	TREND. 0.0000
1959-62	OBS. TOTAL	9	1	0	2	1	1	1	0	3		
	EXP.	3.1	2.9	1.9	0.5	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.319	0.000	1.031	2.168	3.738	6.847	0.000	32.290	194.813		
	TEST PROB.	AB=C? 0.2695	AB=D? 0.2482	AB=E? 0.2439	AB=F? 0.2443	AB=G? 0.7635	AB=H? 0.0000	AB=CD? 0.1339	AB=E-H? 0.0002	AB=FGH? 0.0001	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. TOTAL	2	0	1	1	0	0	0	0	0		
	EXP.	0.7	0.7	0.4	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	1.524	2.287	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2805	AB=D? 0.7827	AB=E? 0.7745	AB=F? 0.7682	AB=G? 0.7636	AB=H? 0.7663	AB=CD? 0.2925	AB=E-H? 0.7897	AB=FGH? 0.7770	HOMO. 0.9665	TREND. 0.5666
1967-70	OBS. TOTAL	2	1	0	0	0	0	0	1	0		
	EXP.	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1.058	0.000	0.000	0.000	0.000	0.000	0.000	129.127	0.000		
	TEST PROB.	AB=C? 0.8075	AB=D? 0.7721	AB=E? 0.7656	AB=F? 0.7627	AB=G? 0.2403	AB=H? 0.7617	AB=CD? 0.8160	AB=E-H? 0.2451	AB=FGH? 0.2423	HOMO. 0.0000	TREND. 0.0000
1971-74	OBS. TOTAL	2	1	1	0	0	0	0	0	0		
	EXP.	0.7	0.7	0.4	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1.480	1.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8424	AB=D? 0.7862	AB=E? 0.7757	AB=F? 0.7687	AB=G? 0.7638	AB=H? 0.7666	AB=CD? 0.8566	AB=E-H? 0.7914	AB=FGH? 0.7778	HOMO. 0.9944	TREND. 0.7043
1975-78	OBS. TOTAL	2	0	1	0	0	0	1	0	0		
	EXP.	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	1.875	0.000	0.000	0.000	0.000	58.569	0.000	0.000		
	TEST PROB.	AB=C? 0.8076	AB=D? 0.7722	AB=E? 0.7657	AB=F? 0.2410	AB=G? 0.7613	AB=H? 0.7617	AB=CD? 0.8163	AB=E-H? 0.2454	AB=FGH? 0.2423	HOMO. 0.0000	TREND. 0.0028

TABLE 8-3 LEUKEMIA

TABLE 8-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	32	8	3	9	1	4	3	1	3		
	EXP.		12.6	9.8	5.1	1.5	1.6	0.7	0.3	0.4		
	OBS./EXP. RELATIVE RISK		0.635 1.000	0.307	1.775 3.610	0.652 1.327	2.570 5.228	4.177 8.495	3.077 6.258	7.048 14.334		
	TEST PROB.	AB=C? 0.0240	AB=D? 0.3488	AB=E? 0.0167	AB=F? 0.0253	AB=G? 0.2574	AB=H? 0.0019	AB=CD? 0.0360	AB=E-H? 0.0002	AB=FGH? 0.0004	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	6	0	0	0	1	0	1	1	3		
	EXP.		2.2	1.9	0.9	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000	0.000	0.000	3.376 X	0.000 X	6.596 X	16.347 X	33.822 X		
	TEST PROB.	AB=C? X	AB=D? 0.2398	AB=E? X	AB=F? 0.2398	AB=G? 0.2398	AB=H? 0.0000	AB=CD? 0.2398	AB=E-H? 0.0003	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. TOTAL	7	0	2	3	0	1	1	0	0		
	EXP.		2.2	2.3	1.1	0.4	0.5	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000	0.860 1.000	2.700 6.113	0.000	2.002 4.533	4.153 9.402	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.1236	AB=D? 0.8000	AB=E? 0.2694	AB=F? 0.2617	AB=G? 0.7682	AB=H? 0.7713	AB=CD? 0.2005	AB=E-H? 0.3519	AB=FGH? 0.2773	HOMO. 0.2351	TREND. 0.2103
1959-62	OBS. TOTAL	3	1	0	0	0	2	0	0	0		
	EXP.		1.4	0.8	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.730 1.000	0.000	0.000	0.000	21.113 46.132	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.8070	AB=D? 0.7736	AB=E? 0.0044	AB=F? 0.7641	AB=G? 0.7635	AB=H? 0.7633	AB=CD? 0.8167	AB=E-H? 0.0433	AB=FGH? 0.7702	HOMO. 0.0000	TREND. 0.0197
1963-66	OBS. TOTAL	2	0	0	1	0	0	1	0	0		
	EXP.		0.7	0.7	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	3.285 X	0.000 X	0.000 X	14.444 X	0.000 X	0.000 X	0.000 X	
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO. 0.0251	TREND. 0.0948
1967-70	OBS. TOTAL	3	1	0	2	0	0	0	0	0		
	EXP.		1.4	0.8	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.728 1.000	0.000	4.029 8.817	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.1994	AB=D? 0.7735	AB=E? 0.7701	AB=F? 0.7641	AB=G? 0.7636	AB=H? 0.7633	AB=CD? 0.2530	AB=E-H? 0.7795	AB=FGH? 0.7702	HOMO. 0.5631	TREND. 0.6143
1971-74	OBS. TOTAL	6	3	1	1	0	1	0	0	0		
	EXP.		2.7	1.8	0.9	0.2	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.105 1.000	0.564	1.085 1.217	0.000	5.644 6.335	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.3727	AB=D? 0.7841	AB=E? 0.2585	AB=F? 0.7691	AB=G? 0.7662	AB=H? 0.7686	AB=CD? 0.4525	AB=E-H? 0.2821	AB=FGH? 0.7822	HOMO. 0.7073	TREND. 0.3739
1975-78	OBS. TOTAL	5	3	0	2	0	0	0	0	0		
	EXP.		2.0	1.5	0.8	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.467 1.000	0.000	2.497 2.929	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.4160	AB=D? 0.7804	AB=E? 0.7767	AB=F? 0.7674	AB=G? 0.7651	AB=H? 0.7666	AB=CD? 0.3938	AB=E-H? 0.7924	AB=FGH? 0.7778	HOMO. 0.7203	TREND. 0.7327

TABLE 8-4 LEUKEMIA

TABLE 8-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34												
		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	39	9	4	6	3	5	4	5	3		
	EXP.	16.5	10.7	6.8	2.0	1.4	0.7	0.3	0.5			
	OBS./EXP.	0.544	0.374	0.880	1.471	3.489	5.968	14.521	6.562			
	RELATIVE RISK	1.000		1.843	3.082	7.309	12.504	30.421	13.747			
	TEST PROB.	AB=C? 0.2605	AB=D? 0.1904	AB=E? 0.0067	AB=F? 0.0004	AB=G? 0.0000	AB=H? 0.0025	AB=CD? 0.1418	AB=E-H? 0.0000	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	9	2	0	1	0	2	1	1	2		
	EXP.	3.6	2.5	1.5	0.5	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.553	0.000	0.661	0.000	4.712	4.453	9.938	17.366			
	RELATIVE RISK	1.000		2.018	0.000	14.392	13.599	30.353	53.040			
	TEST PROB.	AB=C? 0.3082	AB=D? 0.7804	AB=E? 0.0610	AB=F? 0.2440	AB=G? 0.2420	AB=H? 0.0004	AB=CD? 0.3345	AB=E-H? 0.0004	AB=FGH? 0.0001	HOMO. 0.0000	TREND. 0.0000
1955-58	OBS. TOTAL	3	0	0	1	0	0	1	0	1		
	EXP.	1.3	0.8	0.5	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP.	0.000	0.000	1.881	0.000	0.000	26.734	0.000	30.811			
	RELATIVE RISK		X	X	X	X	X	X	X			
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? 0.2398	AB=CD? 0.2398	AB=E-H? 0.0108	AB=FGH? 0.0005	HOMO. 0.0000	TREND. 0.0000
1959-62	OBS. TOTAL	4	0	0	3	0	0	0	1	0		
	EXP.	1.8	1.1	0.7	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.	0.000	0.000	4.315	0.000	0.000	0.000	34.500	0.000			
	RELATIVE RISK		X	X	X	X	X	X	X			
	TEST PROB.	AB=C? 0.0301	AB=D? X	AB=E? X	AB=F? X	AB=G? 0.2398	AB=H? X	AB=CD? 0.0513	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO. 0.0000	TREND. 0.0104
1963-66	OBS. TOTAL	5	1	1	0	1	1	0	1	0		
	EXP.	2.2	1.3	0.9	0.3	0.1	0.1	0.1	0.0	0.1		
	OBS./EXP.	0.448	0.756	0.000	3.958	6.896	0.000	29.336	0.000			
	RELATIVE RISK	1.000		0.000	7.038	12.263	0.000	52.165	0.000			
	TEST PROB.	AB=C? 0.8235	AB=D? 0.2554	AB=E? 0.2491	AB=F? 0.7663	AB=G? 0.2419	AB=H? 0.7651	AB=CD? 0.3337	AB=E-H? 0.0738	AB=FGH? 0.2493	HOMO. 0.0000	TREND. 0.0012
1967-70	OBS. TOTAL	5	1	1	0	0	1	1	1	0		
	EXP.	2.1	1.3	0.9	0.3	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP.	0.487	0.768	0.000	0.000	4.840	9.425	19.569	0.000			
	RELATIVE RISK	1.000		0.000	0.000	7.786	15.815	32.836	0.000			
	TEST PROB.	AB=C? 0.8313	AB=D? 0.8005	AB=E? 0.2552	AB=F? 0.2458	AB=G? 0.2430	AB=H? 0.7695	AB=CD? 0.8554	AB=E-H? 0.0283	AB=FGH? 0.0583	HOMO. 0.0001	TREND. 0.0005
1971-74	OBS. TOTAL	6	2	1	0	0	1	1	1	0		
	EXP.	2.4	1.8	1.1	0.3	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP.	0.830	0.567	0.000	0.000	4.377	9.378	17.752	0.000			
	RELATIVE RISK	1.000		0.000	0.000	6.092	13.052	24.706	0.000			
	TEST PROB.	AB=C? 0.8466	AB=D? 0.7922	AB=E? 0.2612	AB=F? 0.2490	AB=G? 0.2446	AB=H? 0.7701	AB=CD? 0.8634	AB=E-H? 0.0393	AB=FGH? 0.0638	HOMO. 0.0002	TREND. 0.0009
1975-78	OBS. TOTAL	7	3	1	1	2	0	0	0	0		
	EXP.	3.1	1.9	1.2	0.3	0.2	0.1	0.0	0.0	0.1		
	OBS./EXP.	0.966	0.520	0.817	6.171	0.000	0.000	0.000	0.000			
	RELATIVE RISK	1.000		1.027	7.757	0.000	0.000	0.000	0.000			
	TEST PROB.	AB=C? 0.4581	AB=D? 0.1144	AB=E? 0.7813	AB=F? 0.7688	AB=G? 0.7653	AB=H? 0.7679	AB=CD? 0.3315	AB=E-H? 0.7990	AB=FGH? 0.7806	HOMO. 0.2126	TREND. 0.5226

TABLE 8-5 LEUKEMIA

TABLE 8-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	57	21	10	8	4	2	3	3	6		
	EXP.	23.1	15.4	11.0	3.2	2.4	0.9	0.4	0.6			
	OBS./EXP. RELATIVE RISK	0.909	1.000	0.648	0.730	1.268	0.840	3.331	7.087	9.472		
	TEST PROB.	AB=C? 0.6162	AB=D? 0.3506	AB=E? 0.4158	AB=F? 0.1013	AB=G? 0.0052	AB=H? 0.0000	AB=CD? 0.4514	AB=E-H? 0.0009	AB=FGH? 0.0000	HOMO, 0.0000	TREND, 0.0000
1950-54	OBS. TOTAL	8	2	1	0	1	0	1	1	2		
	EXP.	3.0	2.2	1.5	0.5	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.674	1.000	0.456	0.000	1.888	0.000	5.901	10.815	16.098		
	TEST PROB.	AB=C? 0.8543	AB=D? 0.2734	AB=E? 0.7923	AB=F? 0.2523	AB=G? 0.2438	AB=H? 0.0051	AB=CD? 0.6106	AB=E-H? 0.0264	AB=FGH? 0.0015	HOMO, 0.0000	TREND, 0.0000
1955-58	OBS. TOTAL	11	3	2	2	0	1	1	1	1		
	EXP.	4.9	2.8	2.1	0.5	0.4	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.608	1.000	0.722	0.952	0.000	2.605	7.890	16.191	10.169		
	TEST PROB.	AB=C? 0.3718	AB=D? 0.8012	AB=E? 0.2683	AB=F? 0.2490	AB=G? 0.2442	AB=H? 0.2467	AB=CD? 0.3982	AB=E-H? 0.0080	AB=FGH? 0.0018	HOMO, 0.0001	TREND, 0.0000
1959-62	OBS. TOTAL	6	3	0	2	0	0	0	0	1		
	EXP.	2.5	1.6	1.1	0.3	0.3	0.1	0.0	0.0	0.1		
	OBS./EXP. RELATIVE RISK	1.208	1.000	0.000	1.794	0.000	0.000	0.000	0.000	14.284		
	TEST PROB.	AB=C? 0.4321	AB=D? 0.7878	AB=E? 0.7815	AB=F? 0.7673	AB=G? 0.7635	AB=H? 0.2459	AB=CD? 0.3750	AB=E-H? 0.2885	AB=FGH? 0.2589	HOMO, 0.0301	TREND, 0.0163
1963-66	OBS. TOTAL	6	2	1	1	1	0	0	1	0		
	EXP.	2.5	1.6	1.1	0.3	0.3	0.1	0.0	0.0	0.1		
	OBS./EXP. RELATIVE RISK	0.800	1.000	0.641	0.876	2.936	0.000	0.000	22.504	0.000		
	TEST PROB.	AB=C? 0.3860	AB=D? 0.2645	AB=E? 0.7817	AB=F? 0.7672	AB=G? 0.2421	AB=H? 0.7659	AB=CD? 0.3671	AB=E-H? 0.2710	AB=FGH? 0.2519	HOMO, 0.0020	TREND, 0.0615
1967-70	OBS. TOTAL	6	2	2	0	0	0	1	0	1		
	EXP.	1.8	1.9	1.2	0.4	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.113	1.000	1.056	0.000	0.000	0.000	6.316	0.000	9.959		
	TEST PROB.	AB=C? 0.8804	AB=D? 0.8133	AB=E? 0.8033	AB=F? 0.2629	AB=G? 0.7718	AB=H? 0.2507	AB=CD? 0.9021	AB=E-H? 0.3979	AB=FGH? 0.1844	HOMO, 0.0406	TREND, 0.0108
1971-74	OBS. TOTAL	6	1	4	0	1	0	0	0	0		
	EXP.	2.7	1.5	1.1	0.3	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.373	1.000	2.589	0.000	3.498	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8736	AB=D? 0.2826	AB=E? 0.7907	AB=F? 0.7704	AB=G? 0.7644	AB=H? 0.7677	AB=CD? 0.7190	AB=E-H? 0.8076	AB=FGH? 0.7810	HOMO, 0.3126	TREND, 0.6381
1975-78	OBS. TOTAL	14	8	0	3	1	1	0	0	1		
	EXP.	5.8	3.9	2.7	0.7	0.5	0.2	0.0	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.391	1.000	0.000	1.094	1.439	1.858	0.000	0.000	8.147		
	TEST PROB.	AB=C? 0.3991	AB=D? 0.3227	AB=E? 0.2992	AB=F? 0.7786	AB=G? 0.7681	AB=H? 0.2508	AB=CD? 0.4260	AB=E-H? 0.3713	AB=FGH? 0.2768	HOMO, 0.1038	TREND, 0.0386

TABLE 8-6 LEUKEMIA

TABLE 8-6

		HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+										
		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	22	2	4	6	2	2	2	2	2		
TOTAL	EXP.		9.1	6.1	4.3	1.2	0.7	0.3	0.1	0.2		
	OBS./EXP.		0.221	0.656	1.386	1.621	2.855	7.055	16.491	11.783		
	RELATIVE RISK		1.000		3.504	4.098	7.215	17.829	41.677	29.778		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0835	0.2268	0.1184	0.0060	0.0002	0.0004	0.0532	0.0000	0.0000	0.0000	0.0000
1950-54	OBS.	5	1	1	1	1	0	0	0	1		
	EXP.		2.3	1.3	0.9	0.3	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.439	0.762	1.095	3.989	0.000	0.000	0.000	29.086		
	RELATIVE RISK		1.000		1.966	7.162	0.000	0.000	0.000	52.215		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3097	0.2563	0.7724	0.7644	0.7623	0.2419	0.4577	0.2558	0.2463	0.0001	0.0001
1955-58	OBS.	7	1	1	1	1	0	2	0	1		
	EXP.		3.2	1.8	1.3	0.4	0.2	0.1	0.0	0.0		
	OBS./EXP.		0.316	0.544	0.781	2.792	0.000	27.830	0.000	20.721		
	RELATIVE RISK		1.000		1.953	6.983	0.000	69.605	0.000	51.825		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3091	0.2564	0.7749	0.0000	0.7626	0.2423	0.4606	0.0045	0.0000	0.0000	0.0000
1959-62	OBS.	2	0	1	0	0	1	0	0	0		
	EXP.		0.7	0.6	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	1.684	0.000	0.000	12.550	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	16.077	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8100	0.7755	0.2448	0.7628	0.7614	0.7613	0.8209	0.2496	0.7650	0.0857	0.1346
1963-66	OBS.	4	0	0	2	0	1	0	1	0		
	EXP.		1.9	1.0	0.8	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	0.000	2.606	0.000	10.937	0.000	60.979	0.000		
	RELATIVE RISK		X	X	X	X	X	X	X	X		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1197	X	0.2398	X	0.2398	X	0.1612	0.0010	0.2398	0.0000	0.0000
1967-70	OBS.	2	0	1	0	0	0	0	1	0		
	EXP.		0.4	0.8	0.5	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.000	1.272	0.000	0.000	0.000	0.000	47.596	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	55.889	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8247	0.7858	0.7741	0.7680	0.2417	0.7631	0.8411	0.2602	0.2492	0.0000	0.0152
1971-74	OBS.	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP.											
	RELATIVE R											
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1975-78	OBS.	2	0	0	2	0	0	0	0	0		
	EXP.		0.7	0.6	0.4	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.000	0.000	4.804	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		X	X	X	X	X	X	X	X		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1601	X	X	X	X	X	0.2143	X	X	0.3623	0.4858

TABLE 8-7 LEUKEMIA

TABLE 8-7

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	141	42	14	28	11	14	9	11	12		
	EXP.		63.8	37.5	25.3	6.5	4.2	1.6	0.8	1.2		
	OBS./EXP.		0.658	0.373	1.106	1.700	3.317	5.634	13.045	9.709		
	RELATIVE RISK		1.000		2.000	3.076	6.001	10.192	23.599	17.563		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0193	0.0104	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000	0.0000
1950-54	OBS. TOTAL	25	6	1	2	3	3	2	3	5		
	EXP.		11.3	6.8	4.4	1.1	0.7	0.3	0.2	0.2		
	OBS./EXP.		0.531	0.148	0.452	2.673	4.127	6.983	19.816	22.499		
	RELATIVE RISK		1.000		1.167	6.898	10.652	18.024	51.145	58.070		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4199	0.0456	0.0065	0.0089	0.0000	0.0000	0.2350	0.0000	0.0000	0.0000	0.0000
1955-58	OBS. TOTAL	27	5	3	7	1	2	4	1	4		
	EXP.		12.2	7.1	4.9	1.3	0.8	0.3	0.2	0.2		
	OBS./EXP.		0.410	0.422	1.428	0.782	2.403	13.277	6.542	17.342		
	RELATIVE RISK		1.000		3.447	1.886	5.799	32.036	15.785	41.845		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0565	0.3193	0.1514	0.0000	0.2465	0.0000	0.0663	0.0000	0.0000	0.0000	0.0000
1959-62	OBS. TOTAL	18	4	1	7	1	3	0	1	1		
	EXP.		8.2	4.8	3.2	0.8	0.5	0.2	0.1	0.2		
	OBS./EXP.		0.487	0.210	2.157	1.235	5.823	0.000	9.299	6.650		
	RELATIVE RISK		1.000		5.597	3.205	15.108	0.000	24.125	17.253		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0213	0.2817	0.0036	0.7703	0.2446	0.2456	0.0247	0.0005	0.0454	0.0000	0.0000
1963-66	OBS. TOTAL	16	3	2	4	2	2	0	3	0		
	EXP.		7.3	4.1	3.0	0.8	0.5	0.2	0.1	0.1		
	OBS./EXP.		0.412	0.482	1.352	2.605	4.413	0.000	34.417	0.000		
	RELATIVE RISK		1.000		3.090	5.952	10.085	0.000	78.654	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1676	0.1569	0.0719	0.7711	0.0000	0.7692	0.0817	0.0006	0.0017	0.0000	0.0000
1967-70	OBS. TOTAL	11	4	0	2	0	1	1	2	1		
	EXP.		5.0	2.9	2.0	0.5	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.797	0.000	0.994	0.000	3.292	8.414	27.287	10.400		
	RELATIVE RISK		1.000		1.958	0.000	6.484	16.569	53.738	20.480		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3881	0.7931	0.2578	0.2465	0.0000	0.2445	0.3685	0.0001	0.0000	0.0000	0.0000
1971-74	OBS. TOTAL	18	7	5	1	1	2	1	1	0		
	EXP.		8.1	5.0	3.1	0.8	0.6	0.2	0.1	0.2		
	OBS./EXP.		0.866	1.006	0.323	1.307	3.494	4.554	8.424	0.000		
	RELATIVE RISK		1.000		0.352	1.422	3.801	4.954	9.164	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8284	0.3481	0.2380	0.2634	0.2515	0.7781	0.7622	0.0705	0.1987	0.0400	0.0135
1975-78	OBS. TOTAL	26	13	2	5	3	1	1	0	1		
	EXP.		11.7	6.9	4.7	1.2	0.8	0.3	0.1	0.2		
	OBS./EXP.		1.111	0.288	1.065	2.538	1.205	3.448	0.000	4.643		
	RELATIVE RISK		1.000		1.324	3.155	1.498	4.311	0.000	5.771		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4787	0.1745	0.3443	0.2668	0.7734	0.2607	0.2534	0.2466	0.2220	0.1266	0.0208

TABLE 8-8 LEUKEMIA

TABLE 8-8

		NAGASAKI, MALE + FEMALE, ALL AGES								
		T-65 TOTAL DOSE IN RAD								
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
		A	B	C	D	E	F	G	H	
1950-78	OBS. TOTAL	39	4	10	5	0	3	7	1	9
	EXP.	8.3	14.0	8.2	3.0	2.7	1.4	0.6	0.7	
	OBS./EXP. RELATIVE RISK	0.480	0.714	0.609	0.000	1.108	4.905	1.789	12.120	
	TEST PROB.	0.5356	0.8876	0.3663	0.0003	0.2818	0.0000	0.7242	0.0000	0.0000
1950-54	OBS. TOTAL	12	1	1	0	0	2	2	0	6
	EXP.	2.7	4.2	2.4	1.0	0.9	0.5	0.2	0.2	0.2
	OBS./EXP. RELATIVE RISK	0.377	0.239	0.000	0.000	2.339	4.269	0.000	24.098	
	TEST PROB.	0.8505	0.8002	0.1336	0.0311	0.7695	0.0000	0.8715	0.0001	0.0000
1955-58	OBS. TOTAL	5	0	2	1	0	0	2	0	0
	EXP.	1.0	1.8	0.9	0.4	0.5	0.2	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	0.000	1.092	1.106	0.000	0.000	8.706	0.000	0.000	
	TEST PROB.	0.3203	0.8000	0.8098	0.0713	0.7682	0.7713	0.3877	0.3864	0.1657
1959-62	OBS. TOTAL	6	1	0	0	0	1	1	0	3
	EXP.	1.2	2.2	1.4	0.4	0.3	0.2	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	0.808	0.000	0.000	0.000	3.218	6.009	0.000	26.253	
	TEST PROB.	0.8313	0.7826	0.2492	0.2443	0.7635	0.0000	0.8450	0.0027	0.0005
1963-66	OBS. TOTAL	3	0	1	1	0	0	1	0	0
	EXP.	0.7	1.0	0.6	0.2	0.2	0.1	0.0	0.0	0.1
	OBS./EXP. RELATIVE RISK	0.000	0.957	1.688	0.000	0.000	8.483	0.000	0.000	
	TEST PROB.	0.2866	0.7827	0.7745	0.2441	0.7636	0.7663	0.3102	0.2662	0.2522
1967-70	OBS. TOTAL	7	1	4	0	0	0	1	1	0
	EXP.	1.5	2.5	1.5	0.6	0.5	0.3	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	0.651	1.621	0.000	0.000	0.000	3.894	9.115	0.000	
	TEST PROB.	0.8955	0.8323	0.8218	0.2798	0.2547	0.7805	0.9215	0.3718	0.3263
1971-74	OBS. TOTAL	2	0	2	0	0	0	0	0	0
	EXP.	0.4	0.8	0.5	0.1	0.1	0.1	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK	0.000	2.598	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.8516	0.7953	0.7901	0.7768	0.7681	0.7703	0.8700	0.8163	0.7922
1975-78	OBS. TOTAL	4	1	0	3	0	0	0	0	0
	EXP.	0.8	1.4	0.9	0.3	0.3	0.2	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	1.204	0.000	3.498	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.1470	0.7818	0.7781	0.7706	0.7648	0.7669	0.2162	0.7965	0.7809

TABLE 9-1 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	4576	1770	1224	891	259	205	108	43	76		
	EXP.	1847.8	1847.8	1272.7	871.6	254.1	177.3	72.5	33.4	46.6		
	OBS./EXP. RELATIVE RISK		0.958 1.000	0.962 1.004	1.022 1.067	1.019 1.064	1.156 1.207	1.490 1.556	1.286 1.343	1.630 1.701		
	TEST PROB.	A=C? 0.1278	A=D? 0.2360	A=E? 0.0330	A=F? 0.0005	A=G? 0.0918	A=H? 0.0006	A=CD? 0.1065	A=EF? 0.0006	A=GH? 0.0005	HOMO, 0.0000	TREND, 0.0000
1950-54	OBS. TOTAL	440	181	109	87	25	19	8	4	7		
	EXP.	178.6	178.6	123.5	85.4	23.7	15.6	6.0	2.8	4.2		
	OBS./EXP. RELATIVE RISK		1.013 1.000	0.883 0.871	1.018 1.005	1.053 1.039	1.215 1.199	1.341 1.324	1.411 1.392	1.655 1.633		
	TEST PROB.	A=C? 0.5093	A=D? 0.4476	A=E? 0.3195	A=F? 0.3557	A=G? 0.4198	A=H? 0.2464	A=CD? 0.4948	A=EF? 0.2620	A=GH? 0.2031	HOMO, 0.5894	TREND, 0.0215
1955-58	OBS. TOTAL	519	218	151	93	24	16	8	3	6		
	EXP.	208.8	208.8	146.0	101.4	28.6	18.6	7.4	3.4	4.8		
	OBS./EXP. RELATIVE RISK		1.044 1.000	1.034 0.990	0.917 0.878	0.838 0.803	0.858 0.822	1.088 1.042	0.894 0.856	1.239 1.186		
	TEST PROB.	A=C? 0.7687	A=D? 0.7653	A=E? 0.7008	A=F? 0.4528	A=G? 0.6181	A=H? 0.4823	A=CD? 0.8137	A=EF? 0.6097	A=GH? 0.4500	HOMO, 0.9021	TREND, 0.5369
1959-62	OBS. TOTAL	620	223	181	124	34	36	5	8	9		
	EXP.	256.7	256.7	169.0	118.4	35.0	22.4	8.7	4.1	5.7		
	OBS./EXP. RELATIVE RISK		0.869 1.000	1.071 1.233	1.047 1.206	0.971 1.118	1.611 1.854	0.573 0.660	1.943 2.236	1.579 1.818		
	TEST PROB.	A=C? 0.1201	A=D? 0.2769	A=E? 0.0043	A=F? 0.7070	A=G? 0.0596	A=H? 0.1009	A=CD? 0.1126	A=EF? 0.0200	A=GH? 0.0227	HOMO, 0.0029	TREND, 0.0078
1963-66	OBS. TOTAL	681	266	179	136	46	20	18	2	14		
	EXP.	279.8	279.8	185.9	130.1	37.7	23.5	10.5	4.7	6.8		
	OBS./EXP. RELATIVE RISK		0.951 1.000	0.963 1.013	1.045 1.099	1.221 1.285	0.784 0.824	1.711 1.800	0.422 0.444	2.064 2.171		
	TEST PROB.	A=C? 0.2724	A=D? 0.1728	A=E? 0.7215	A=F? 0.0547	A=G? 0.8362	A=H? 0.0289	A=CD? 0.1896	A=EF? 0.3208	A=GH? 0.1647	HOMO, 0.0080	TREND, 0.0063
1967-70	OBS. TOTAL	718	270	191	150	41	26	23	5	12		
	EXP.	288.8	288.8	198.0	136.2	40.4	29.1	12.4	5.4	7.6		
	OBS./EXP. RELATIVE RISK		0.935 1.000	0.965 1.032	1.101 1.178	1.014 1.085	0.893 0.955	1.855 1.984	0.924 0.988	1.574 1.683		
	TEST PROB.	A=C? 0.1373	A=D? 0.3397	A=E? 0.5124	A=F? 0.0096	A=G? 0.4398	A=H? 0.1010	A=CD? 0.1433	A=EF? 0.1185	A=GH? 0.1537	HOMO, 0.0345	TREND, 0.0079
1971-74	OBS. TOTAL	774	306	199	147	41	45	17	7	12		
	EXP.	307.8	307.8	217.2	146.8	43.2	31.6	13.4	6.0	8.0		
	OBS./EXP. RELATIVE RISK		0.994 1.000	0.916 0.922	1.001 1.007	0.948 0.954	1.424 1.433	1.272 1.279	1.176 1.183	1.496 1.505		
	TEST PROB.	A=C? 0.4592	A=D? 0.5998	A=E? 0.0771	A=F? 0.2646	A=G? 0.4421	A=H? 0.1942	A=CD? 0.4902	A=EF? 0.0616	A=GH? 0.1797	HOMO, 0.1511	TREND, 0.0061
1975-78	OBS. TOTAL	824	306	214	154	48	43	29	14	16		
	EXP.	329.0	329.0	231.7	154.0	45.5	34.6	14.2	6.6	8.4		
	OBS./EXP. RELATIVE RISK		0.930 1.000	0.924 0.993	1.000 1.075	1.056 1.135	1.242 1.336	2.040 2.193	2.119 2.278	1.914 2.058		
	TEST PROB.	A=C? 0.3366	A=D? 0.3402	A=E? 0.1731	A=F? 0.0036	A=G? 0.0354	A=H? 0.0394	A=CD? 0.2816	A=EF? 0.0114	A=GH? 0.0055	HOMO, 0.0000	TREND, 0.0000

TABLE 9-2 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	48	15	15	4	1	3	8	0	2		
	EXP.		20.1	14.0	9.4	2.2	1.2	0.6	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.746 1.000	1.074 1.441	0.424 0.569	0.457 0.613	2.578 3.458	14.347 19.242	0.000 0.000	5.738 7.696		
	TEST PROB.	A=C? 0.8212	A=D? 0.7240	A=E? 0.1920	A=F? 0.0000	A=G? 0.7828	A=H? 0.0826	A=CD? 0.8238	A=EF? 0.0001	A=GH? 0.1903	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.026 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0051
1959-62	OBS. EXP.	3	1	0	0	0	0	2	0	0		
	EXP.		1.4	0.8	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.708 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	75.464 106.610	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8266	A=D? 0.7782	A=E? 0.7703	A=F? 0.0000	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.0150	A=GH? 0.7645	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. EXP.	2	0	0	0	0	0	1	0	1		
	EXP.		0.7	0.7	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	28.120 X	0.000 X	44.291 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? 0.2398	A=CD? X	A=EF? 0.2398	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0000
1967-70	OBS. EXP.	8	3	2	0	0	2	0	0	1		
	EXP.		2.9	2.5	1.7	0.4	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.021 1.000	0.797 0.781	0.000 0.000	0.000 0.000	8.904 8.723	0.000 0.000	0.000 0.000	13.424 13.154		
	TEST PROB.	A=C? 0.9107	A=D? 0.8229	A=E? 0.1611	A=F? 0.7834	A=G? 0.7704	A=H? 0.2457	A=CD? 0.9262	A=EF? 0.2644	A=GH? 0.2504	HOMO. 0.0002	TREND. 0.0005
1971-74	OBS. EXP.	13	3	6	2	0	1	1	0	0		
	EXP.		5.6	3.7	2.5	0.6	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.539 1.000	1.606 2.980	0.795 1.475	0.000 0.000	3.251 6.033	7.075 13.130	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3734	A=D? 0.7942	A=E? 0.2553	A=F? 0.2461	A=G? 0.7638	A=H? 0.7648	A=CD? 0.4207	A=EF? 0.0742	A=GH? 0.7683	HOMO. 0.1723	TREND. 0.1800
1975-78	OBS. EXP.	21	8	7	2	1	0	3	0	0		
	EXP.		9.3	5.9	4.0	0.9	0.5	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.857 1.000	1.195 1.395	0.500 0.584	1.094 1.277	0.000 0.000	14.497 16.924	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7693	A=D? 0.4009	A=E? 0.8143	A=F? 0.0054	A=G? 0.7733	A=H? 0.7811	A=CD? 0.7137	A=EF? 0.1359	A=GH? 0.7923	HOMO. 0.0000	TREND. 0.0312

TABLE 9-3 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	221	66	65	32	11	16	11	11	9		
	EXP.	81.0	68.2	35.8	11.9	12.7	5.9	2.4	3.1			
	OBS./EXP.	0.815	0.953	0.895	0.926	1.262	1.858	4.513	2.893			
	RELATIVE RISK	1.000	1.169	1.098	1.136	1.549	2.280	5.538	3.551			
	TEST PROB.	A=C? 0.3747	A=D? 0.4413	A=E? 0.1402	A=F? 0.0278	A=G? 0.0000	A=H? 0.0037	A=CD? 0.3562	A=EF? 0.0279	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	2	1 0.9	0 0.5	0 0.4	0 0.1	0 0.1	0 0.0	1 0.0	0 0.0		
	OBS./EXP.	1.077	0.000	0.000	0.000	0.000	0.000	0.000	46.283	0.000		
	RELATIVE RISK	1.000	0.000	0.000	0.000	0.000	0.000	0.000	42.956	0.000		
	TEST PROB.	A=C? 0.8265	A=D? 0.7802	A=E? 0.7753	A=F? 0.7642	A=G? 0.2423	A=H? 0.7648	A=CD? 0.8391	A=EF? 0.7807	A=GH? 0.2447	HOMO. 0.0000	TREND. 0.0199
1955-58	OBS. EXP.	9	3 3.1	4 2.7	2 1.5	0 0.5	0 0.6	0 0.3	0 0.1	0 0.1		
	OBS./EXP.	0.954	1.457	1.329	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.527	1.393	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.4058	A=D? 0.8287	A=E? 0.8393	A=F? 0.8081	A=G? 0.7771	A=H? 0.7770	A=CD? 0.6388	A=EF? 0.8635	A=GH? 0.7919	HOMO. 0.9359	TREND. 0.8513
1959-62	OBS. EXP.	10	2 3.6	5 3.0	2 1.7	0 0.6	0 0.6	0 0.3	1 0.1	0 0.1		
	OBS./EXP.	0.555	1.671	1.685	0.000	0.000	0.000	0.000	8.493	0.000		
	RELATIVE RISK	1.000	3.009	2.135	0.000	0.000	0.000	0.000	15.297	0.000		
	TEST PROB.	A=C? 0.4011	A=D? 0.7894	A=E? 0.7823	A=F? 0.7691	A=G? 0.2470	A=H? 0.7672	A=CD? 0.3643	A=EF? 0.7899	A=GH? 0.2562	HOMO. 0.1701	TREND. 0.4240
1963-66	OBS. EXP.	17	6 6.3	5 5.2	3 2.8	1 0.9	2 1.0	0 0.5	0 0.2	0 0.2		
	OBS./EXP.	0.953	0.963	1.087	1.098	2.070	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.010	1.141	1.152	2.172	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.4042	A=D? 0.4138	A=E? 0.4404	A=F? 0.8104	A=G? 0.7811	A=H? 0.7846	A=CD? 0.4175	A=EF? 0.3636	A=GH? 0.8020	HOMO. 0.9575	TREND. 0.6512
1967-70	OBS. EXP.	38	8 13.5	13 11.6	6 6.3	3 2.2	1 2.4	4 1.1	1 0.4	2 0.5		
	OBS./EXP.	0.593	1.121	0.956	1.375	0.425	3.612	2.233	3.740	6.310		
	RELATIVE RISK	1.000	1.891	1.613	2.320	0.716	6.094	3.768	6.310			
	TEST PROB.	A=C? 0.3512	A=D? 0.2911	A=E? 0.6917	A=F? 0.0275	A=G? 0.2701	A=H? 0.0983	A=CD? 0.2390	A=EF? 0.2013	A=GH? 0.0544	HOMO. 0.0231	TREND. 0.0015
1971-74	OBS. EXP.	54	18 19.8	17 16.7	6 8.7	2 2.9	5 3.1	3 1.5	3 0.6	0 0.7		
	OBS./EXP.	0.911	1.018	0.689	0.686	1.606	2.061	5.015	0.000			
	RELATIVE RISK	1.000	1.117	0.756	0.753	1.763	2.262	5.504	0.000			
	TEST PROB.	A=C? 0.6490	A=D? 0.6743	A=E? 0.2617	A=F? 0.2552	A=G? 0.0414	A=H? 0.8194	A=CD? 0.6733	A=EF? 0.1653	A=GH? 0.2211	HOMO. 0.0408	TREND. 0.0555
1975-78	OBS. EXP.	91	28 33.9	21 28.4	13 14.5	5 4.7	8 5.0	4 2.3	5 0.9	7 1.3		
	OBS./EXP.	0.827	0.739	0.896	1.060	1.603	1.732	5.294	5.592			
	RELATIVE RISK	1.000	0.894	1.083	1.282	1.939	2.095	6.402	6.763			
	TEST PROB.	A=C? 0.4578	A=D? 0.4660	A=E? 0.1736	A=F? 0.1923	A=G? 0.0038	A=H? 0.0003	A=CD? 0.4470	A=EF? 0.0838	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000

TABLE 9-4 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	631	228	160	124	35	35	29	6	14		
	EXP.	247.1	179.6	113.4	36.1	27.0	13.0	6.5	8.2			
	OBS./EXP. RELATIVE RISK	0.923 1.000	0.891 0.965	1.094 1.185	0.969 1.050	1.296 1.404	2.222 2.408	0.921 0.998	1.710 1.853			
	TEST PROB.	A=C? 0.1421	A=D? 0.4781	A=E? 0.1662	A=F? 0.0025	A=G? 0.5883	A=H? 0.0842	A=CD? 0.1846	A=EF? 0.0095	A=GH? 0.1672	HOMO. 0.0001	TREND. 0.0000
1950-54	OBS. EXP.	29	10 11.7	11 8.2	6 5.3	0 1.6	1 1.1	1 0.5	0 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK	0.854 1.000	1.344 1.573	1.134 1.328	0.000 0.000	0.912 1.067	1.992 2.331	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4344	A=D? 0.8541	A=E? 0.3413	A=F? 0.2891	A=G? 0.7783	A=H? 0.7871	A=CD? 0.4334	A=EF? 0.3779	A=GH? 0.8021	HOMO. 0.7741	TREND. 0.7235
1955-58	OBS. EXP.	34	12 12.9	12 9.9	5 6.4	2 2.0	0 1.4	1 0.6	0 0.3	2 0.5		
	OBS./EXP. RELATIVE RISK	0.929 1.000	1.210 1.302	0.777 0.836	1.008 1.084	0.000 0.000	1.643 1.768	0.000 0.000	4.398 4.732			
	TEST PROB.	A=C? 0.6085	A=D? 0.4173	A=E? 0.8701	A=F? 0.3140	A=G? 0.7968	A=H? 0.2106	A=CD? 0.5338	A=EF? 0.7303	A=GH? 0.3972	HOMO. 0.3302	TREND. 0.1140
1959-62	OBS. EXP.	46	19 18.4	12 13.0	5 8.4	1 2.6	4 1.8	0 0.8	1 0.4	4 0.6		
	OBS./EXP. RELATIVE RISK	1.034 1.000	0.921 0.891	0.596 0.576	0.389 0.376	2.221 2.148	0.000 0.000	2.322 2.246	6.954 6.725			
	TEST PROB.	A=C? 0.8447	A=D? 0.8315	A=E? 0.2807	A=F? 0.8473	A=G? 0.3054	A=H? 0.0115	A=CD? 0.8786	A=EF? 0.4574	A=GH? 0.0189	HOMO. 0.0003	TREND. 0.0002
1963-66	OBS. EXP.	91	31 36.6	29 25.8	18 16.5	5 5.0	1 3.5	4 1.7	0 0.9	3 1.1		
	OBS./EXP. RELATIVE RISK	0.847 1.000	1.126 1.329	1.093 1.290	1.002 1.183	0.283 0.334	2.415 2.851	0.000 0.000	2.644 3.122			
	TEST PROB.	A=C? 0.3029	A=D? 0.5592	A=E? 0.8795	A=F? 0.1909	A=G? 0.8431	A=H? 0.1985	A=CD? 0.3408	A=EF? 0.4435	A=GH? 0.4834	HOMO. 0.1605	TREND. 0.0998
1967-70	OBS. EXP.	104	35 40.1	22 29.8	28 18.5	8 6.0	6 4.7	3 2.3	1 1.1	1 1.4		
	OBS./EXP. RELATIVE RISK	0.872 1.000	0.738 0.846	1.511 1.733	1.333 1.528	1.278 1.465	1.289 1.478	0.879 1.008	0.720 0.825			
	TEST PROB.	A=C? 0.0756	A=D? 0.2653	A=E? 0.3852	A=F? 0.4055	A=G? 0.5808	A=H? 0.6473	A=CD? 0.0708	A=EF? 0.3855	A=GH? 0.6403	HOMO. 0.2544	TREND. 0.2916
1971-74	OBS. EXP.	142	48 55.8	36 40.3	29 25.5	7 8.2	12 6.1	7 2.9	1 1.5	2 1.8		
	OBS./EXP. RELATIVE RISK	0.861 1.000	0.893 1.037	1.139 1.323	0.857 0.995	1.969 2.287	2.413 2.803	0.678 0.787	1.100 1.277			
	TEST PROB.	A=C? 0.2150	A=D? 0.5858	A=E? 0.0790	A=F? 0.0889	A=G? 0.6641	A=H? 0.4011	A=CD? 0.2659	A=EF? 0.0312	A=GH? 0.4674	HOMO. 0.0455	TREND. 0.0285
1975-78	OBS. EXP.	185	73 71.7	38 52.8	33 32.8	12 10.8	11 8.3	13 4.0	3 2.1	2 2.4		
	OBS./EXP. RELATIVE RISK	1.018 1.000	0.719 0.706	1.007 0.989	1.106 1.087	1.322 1.298	3.212 3.155	1.448 1.422	0.825 0.810			
	TEST PROB.	A=C? 0.5346	A=D? 0.4586	A=E? 0.3716	A=F? 0.0034	A=G? 0.4253	A=H? 0.6380	A=CD? 0.5225	A=EF? 0.0360	A=GH? 0.4334	HOMO. 0.0005	TREND. 0.0086

TABLE 9-5 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2066	779	559	426	124	85	37	20	36		
	EXP.		828.5	564.5	399.6	114.9	86.5	33.2	15.6	23.2		
	OBS./EXP. RELATIVE RISK		0.940 1.000	0.990 1.053	1.066 1.134	1.079 1.148	0.982 1.045	1.114 1.184	1.283 1.365	1.550 1.649		
	TEST PROB.	A=C? 0.0653	A=D? 0.1422	A=E? 0.3826	A=F? 0.2106	A=G? 0.1845	A=H? 0.0215	A=CD? 0.0432	A=EF? 0.2188	A=GH? 0.0157	HOMO. 0.0414	TREND. 0.0010
1950-54	OBS. TOTAL	149	51	41	33	12	5	4	1	2		
	EXP.		59.8	40.7	29.5	8.1	5.8	2.3	1.1	1.6		
	OBS./EXP. RELATIVE RISK		0.853 1.000	1.007 1.181	1.120 1.313	1.480 1.736	0.859 1.008	1.741 2.042	0.883 1.035	1.233 1.447		
	TEST PROB.	A=C? 0.2218	A=D? 0.1404	A=E? 0.5474	A=F? 0.2896	A=G? 0.5700	A=H? 0.3899	A=CD? 0.1273	A=EF? 0.3835	A=GH? 0.4144	HOMO. 0.6375	TREND. 0.1754
1955-58	OBS. TOTAL	191	83	49	39	5	6	4	3	2		
	EXP.		78.3	51.7	37.3	10.2	7.3	2.8	1.4	2.0		
	OBS./EXP. RELATIVE RISK		1.060 1.000	0.948 0.895	1.046 0.987	0.489 0.462	0.817 0.771	1.433 1.352	2.197 2.073	0.988 0.932		
	TEST PROB.	A=C? 0.4869	A=D? 0.8901	A=E? 0.6803	A=F? 0.3665	A=G? 0.2758	A=H? 0.4397	A=CD? 0.6893	A=EF? 0.4712	A=GH? 0.3424	HOMO. 0.5502	TREND. 0.3671
1959-62	OBS. TOTAL	252	81	73	58	16	14	2	4	4		
	EXP.		100.9	68.8	48.4	14.3	10.7	4.1	1.9	2.9		
	OBS./EXP. RELATIVE RISK		0.803 1.000	1.062 1.323	1.197 1.491	1.121 1.397	1.313 1.635	0.489 0.610	2.058 2.564	1.378 1.717		
	TEST PROB.	A=C? 0.0390	A=D? 0.1560	A=E? 0.1058	A=F? 0.6727	A=G? 0.1194	A=H? 0.2669	A=CD? 0.0321	A=EF? 0.1773	A=GH? 0.0936	HOMO. 0.1272	TREND. 0.0775
1963-66	OBS. TOTAL	283	105	77	54	26	9	7	1	4		
	EXP.		114.0	77.0	54.2	15.8	12.1	4.6	2.1	3.3		
	OBS./EXP. RELATIVE RISK		0.921 1.000	1.000 1.086	0.996 1.081	1.648 1.789	0.745 0.808	1.520 1.650	0.482 0.523	1.219 1.323		
	TEST PROB.	A=C? 0.3854	A=D? 0.0308	A=E? 0.6359	A=F? 0.1949	A=G? 0.7203	A=H? 0.4426	A=CD? 0.1634	A=EF? 0.4232	A=GH? 0.4323	HOMO. 0.1766	TREND. 0.2245
1967-70	OBS. TOTAL	370	143	101	75	19	13	9	3	7		
	EXP.		147.1	101.0	71.4	20.9	16.1	6.3	2.8	4.3		
	OBS./EXP. RELATIVE RISK		0.972 1.000	1.000 1.029	1.050 1.080	0.909 0.935	0.805 0.828	1.428 1.469	1.072 1.103	1.617 1.663		
	TEST PROB.	A=C? 0.3971	A=D? 0.5829	A=E? 0.6805	A=F? 0.2053	A=G? 0.4098	A=H? 0.1939	A=CD? 0.4462	A=EF? 0.4850	A=GH? 0.2126	HOMO. 0.7855	TREND. 0.1296
1971-74	OBS. TOTAL	392	161	96	83	21	16	2	3	10		
	EXP.		156.2	107.9	75.9	21.6	16.9	6.5	2.8	4.2		
	OBS./EXP. RELATIVE RISK		1.031 1.000	0.890 0.864	1.094 1.061	0.971 0.942	0.949 0.921	0.307 0.298	1.058 1.026	2.369 2.298		
	TEST PROB.	A=C? 0.3770	A=D? 0.5869	A=E? 0.5966	A=F? 0.9178	A=G? 0.4369	A=H? 0.0486	A=CD? 0.4219	A=EF? 0.7839	A=GH? 0.0882	HOMO. 0.0635	TREND. 0.1005
1975-78	OBS. TOTAL	429	155	122	84	25	22	9	5	7		
	EXP.		173.5	117.6	82.8	23.5	18.1	6.5	2.9	4.1		
	OBS./EXP. RELATIVE RISK		0.894 1.000	1.037 1.161	1.014 1.135	1.065 1.192	1.215 1.360	1.376 1.540	1.732 1.939	1.715 1.920		
	TEST PROB.	A=C? 0.2831	A=D? 0.3582	A=E? 0.2729	A=F? 0.2934	A=G? 0.3020	A=H? 0.2132	A=CD? 0.2283	A=EF? 0.1690	A=GH? 0.1379	HOMO. 0.3299	TREND. 0.0056

TABLE 9-6 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE AT 9 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1610	682	425	305	88	66	23	6	15		
	EXP.	671.1	446.4	313.5	89.0	49.9	19.7	8.7	11.8			
	OBS./EXP. RELATIVE RISK	1.016 1.000	0.952 0.937	0.973 0.957	0.989 0.973	1.322 1.301	1.166 1.147	0.693 0.682	1.275 1.255			
	TEST PROB.	A=C? 0.7006	A=D? 0.5390	A=E? 0.0762	A=F? 0.3223	A=G? 0.7676	A=H? 0.3171	A=CD? 0.6863	A=EF? 0.0699	A=GH? 0.4707	HOMO. 0.2555	TREND. 0.0797
1950-54	OBS. EXP.	260	119 106.2	57 74.1	48 50.3	13 13.9	13 8.7	3 3.1	2 1.4	5 2.2		
	OBS./EXP. RELATIVE RISK	1.121 1.000	0.769 0.686	0.954 0.851	0.932 0.832	1.502 1.340	0.955 0.853	1.409 1.257	2.248 2.006			
	TEST PROB.	A=C? 0.7838	A=D? 0.6750	A=E? 0.2886	A=F? 0.6212	A=G? 0.3874	A=H? 0.2009	A=CD? 0.7994	A=EF? 0.3683	A=GH? 0.2195	HOMO. 0.1104	TREND. 0.0292
1955-58	OBS. EXP.	284	120 114.2	86 81.3	47 55.9	17 15.8	10 9.3	2 3.7	0 1.5	2 2.2		
	OBS./EXP. RELATIVE RISK	1.051 1.000	1.058 1.007	0.840 0.799	1.074 1.022	1.072 1.020	0.546 0.520	0.000 0.000	0.902 0.858			
	TEST PROB.	A=C? 0.8377	A=D? 0.4675	A=E? 0.4555	A=F? 0.7946	A=G? 0.8766	A=H? 0.6477	A=CD? 0.7916	A=EF? 0.6218	A=GH? 0.8180	HOMO. 0.7177	TREND. 0.8470
1959-62	OBS. EXP.	309	120 132.4	91 83.4	59 59.3	17 17.5	18 9.2	1 3.5	2 1.6	1 2.1		
	OBS./EXP. RELATIVE RISK	0.906 1.000	1.091 1.203	0.995 1.097	0.973 1.073	1.952 2.153	0.286 0.315	1.239 1.366	0.484 0.534			
	TEST PROB.	A=C? 0.3981	A=D? 0.4246	A=E? 0.0152	A=F? 0.8372	A=G? 0.3840	A=H? 0.7276	A=CD? 0.3789	A=EF? 0.0723	A=GH? 0.5393	HOMO. 0.0758	TREND. 0.4347
1963-66	OBS. EXP.	288	124 122.3	68 77.2	61 56.3	14 15.9	8 8.9	6 3.8	1 1.6	6 2.1		
	OBS./EXP. RELATIVE RISK	1.014 1.000	0.880 0.868	1.084 1.069	0.881 0.869	0.902 0.890	1.593 1.571	0.623 0.614	2.841 2.802			
	TEST PROB.	A=C? 0.4251	A=D? 0.6821	A=E? 0.6302	A=F? 0.3145	A=G? 0.7201	A=H? 0.0820	A=CD? 0.4799	A=EF? 0.4752	A=GH? 0.2019	HOMO. 0.1517	TREND. 0.0235
1967-70	OBS. EXP.	198	81 85.1	53 53.1	41 38.3	11 10.9	4 5.7	7 2.5	0 1.0	1 1.3		
	OBS./EXP. RELATIVE RISK	0.951 1.000	0.998 1.049	1.071 1.125	1.007 1.058	0.702 0.737	2.748 2.888	0.000 0.000	0.771 0.810			
	TEST PROB.	A=C? 0.3313	A=D? 0.4742	A=E? 0.6446	A=F? 0.0220	A=G? 0.8297	A=H? 0.5844	A=CD? 0.3364	A=EF? 0.1855	A=GH? 0.7460	HOMO. 0.1965	TREND. 0.2934
1971-74	OBS. EXP.	173	76 70.5	44 48.6	27 34.2	11 9.9	11 5.2	4 2.4	0 1.0	0 1.1		
	OBS./EXP. RELATIVE RISK	1.077 1.000	0.905 0.840	0.789 0.733	1.106 1.026	2.106 1.954	1.701 1.579	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8482	A=D? 0.4530	A=E? 0.1426	A=F? 0.3297	A=G? 0.8475	A=H? 0.8562	A=CD? 0.7893	A=EF? 0.1062	A=GH? 0.9020	HOMO. 0.0885	TREND. 0.3784
1975-78	OBS. EXP.	98	42 40.6	26 27.0	22 19.9	5 5.5	2 2.7	0 1.1	1 0.6	0 0.5		
	OBS./EXP. RELATIVE RISK	1.033 1.000	0.963 0.932	1.106 1.070	0.904 0.875	0.731 0.708	0.000 0.000	1.431 1.579	0.000 0.000			
	TEST PROB.	A=C? 0.4648	A=D? 0.6091	A=E? 0.6877	A=F? 0.8675	A=G? 0.3244	A=H? 0.8685	A=CD? 0.4668	A=EF? 0.8007	A=GH? 0.5683	HOMO. 0.9303	TREND. 0.8205

TABLE 9-7 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2313	925	620	408	129	111	57	20	43		
	EXP.	927.6	646.6	417.9	130.6	103.5	40.3	18.3	28.1			
	OBS./EXP. RELATIVE RISK	1.000	0.997	0.959	0.976	0.988	1.072	1.416	1.092	1.530		
	TEST PROB.	A=C? 0.5862	A=D? 0.5327	A=E? 0.2983	A=F? 0.0357	A=G? 0.4279	A=H? 0.0289	A=CD? 0.5857	A=EF? 0.0878	A=GH? 0.0555	HOMO. 0.0160	TREND. 0.0001
1950-54	OBS. TOTAL	238	111	59	39	11	11	3	1	3		
	EXP.	97.3	66.8	44.2	12.6	9.4	3.3	1.6	2.7			
	OBS./EXP. RELATIVE RISK	1.000	1.140	0.884	0.882	0.870	1.166	0.900	0.634	1.125		
	TEST PROB.	A=C? 0.8314	A=D? 0.7359	A=E? 0.4550	A=F? 0.6494	A=G? 0.7255	A=H? 0.5281	A=CD? 0.8583	A=EF? 0.5295	A=GH? 0.6574	HOMO. 0.7445	TREND. 0.5571
1955-58	OBS. TOTAL	260	108	76	46	12	9	3	3	3		
	EXP.	106.4	72.3	48.3	14.2	10.5	3.8	1.7	2.9			
	OBS./EXP. RELATIVE RISK	1.000	1.015	1.051	0.953	0.845	0.861	0.786	1.762	1.043		
	TEST PROB.	A=C? 0.6684	A=D? 0.7166	A=E? 0.6874	A=F? 0.7000	A=G? 0.4424	A=H? 0.5629	A=CD? 0.7028	A=EF? 0.7082	A=GH? 0.4632	HOMO. 0.9574	TREND. 0.5094
1959-62	OBS. TOTAL	313	111	95	62	10	21	4	5	5		
	EXP.	127.5	86.4	56.6	18.3	13.5	4.9	2.3	3.6			
	OBS./EXP. RELATIVE RISK	1.000	0.871	1.099	1.096	0.547	1.558	0.818	2.190	1.399		
	TEST PROB.	A=C? 0.1369	A=D? 0.8363	A=E? 0.0336	A=F? 0.4239	A=G? 0.0795	A=H? 0.2398	A=CD? 0.3078	A=EF? 0.0489	A=GH? 0.0683	HOMO. 0.0282	TREND. 0.0546
1963-66	OBS. TOTAL	356	144	92	62	29	9	12	0	8		
	EXP.	142.5	98.9	65.3	20.5	15.7	6.1	2.7	4.3			
	OBS./EXP. RELATIVE RISK	1.000	1.011	0.930	0.950	1.413	0.574	1.959	0.000	1.863		
	TEST PROB.	A=C? 0.6208	A=D? 0.1604	A=E? 0.8878	A=F? 0.0814	A=G? 0.9167	A=H? 0.1601	A=CD? 0.4272	A=EF? 0.5527	A=GH? 0.6562	HOMO. 0.0091	TREND. 0.0729
1967-70	OBS. TOTAL	364	145	103	59	20	16	14	2	5		
	EXP.	144.0	100.8	65.8	21.4	17.3	7.1	3.0	4.7			
	OBS./EXP. RELATIVE RISK	1.000	1.007	1.022	0.897	0.936	0.924	1.975	0.671	1.073		
	TEST PROB.	A=C? 0.7058	A=D? 0.6015	A=E? 0.5836	A=F? 0.0473	A=G? 0.7025	A=H? 0.4323	A=CD? 0.7175	A=EF? 0.2357	A=GH? 0.5575	HOMO. 0.3205	TREND. 0.2193
1971-74	OBS. TOTAL	376	152	89	70	25	22	9	1	8		
	EXP.	149.6	104.3	67.9	21.4	17.8	7.2	3.2	4.6			
	OBS./EXP. RELATIVE RISK	1.000	1.016	0.853	1.031	1.167	1.236	1.250	0.315	1.733		
	TEST PROB.	A=C? 0.4694	A=D? 0.3136	A=E? 0.3216	A=F? 0.3785	A=G? 0.8430	A=H? 0.1732	A=CD? 0.3781	A=EF? 0.2979	A=GH? 0.4114	HOMO. 0.2918	TREND. 0.0597
1975-78	OBS. TOTAL	406	154	106	70	22	23	12	8	11		
	EXP.	160.5	115.5	71.2	22.8	19.8	7.9	3.6	4.6			
	OBS./EXP. RELATIVE RISK	1.000	0.959	0.918	0.984	0.963	1.161	1.523	2.203	2.374		
	TEST PROB.	A=C? 0.4797	A=D? 0.5515	A=E? 0.3674	A=F? 0.2307	A=G? 0.1175	A=H? 0.0408	A=CD? 0.4846	A=EF? 0.2168	A=GH? 0.0167	HOMO. 0.0107	TREND. 0.0000

TABLE 9-8 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-8

HIROSHIMA + NAGASAKI, MALE, AGE ATB 0-9

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	21	5	9	0	0	1	5	0	1		
	EXP.	9.1	5.9	4.1	0.9	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.550 1.000	1.523 2.769	0.000 0.000	0.000 0.000	2.183 3.969	21.501 39,082	0.000 0.000	7.209 13,103			
	TEST PROB.	A=C? 0.9030	A=D? 0.8088	A=E? 0.2758	A=F? 0.0000	A=G? 0.7655	A=H? 0.2456	A=CD? 0.9187	A=EF? 0.0003	A=GH? 0.2503	HOMO, 0.0000	TRENO, 0.0000
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TRENO, X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TRENO, X
1959-62	OBS. EXP.	2	0	0	0	0	2	0	0	0		
	EXP.	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	115.239 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.0000	A=G? X	A=H? X	A=CD? X	A=EF? 0.0020	A=GH? X	HOMO, 0.0000	TRENO, 0.0000
1963-66	OBS. EXP.	1	0	0	0	0	1	0	0	0		
	EXP.	0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	37.887 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO, 0.0000	TRENO, 0.0114
1967-70	OBS. EXP.	5	1	2	0	0	0	0	0	1		
	EXP.	1.8	1.6	1.1	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.555 1.000	1.272 2.293	0.000 0.000	0.000 0.000	7.126 12,847	0.000 0.000	0.000 0.000	0.000 0.000	20.990 37,843		
	TEST PROB.	A=C? 0.8281	A=D? 0.7783	A=E? 0.2480	A=F? 0.7641	A=G? 0.7620	A=H? 0.2409	A=CD? 0.8393	A=EF? 0.2529	A=GH? 0.2418	HOMO, 0.0004	TRENO, 0.0002
1971-74	OBS. EXP.	4	1	3	0	0	0	0	0	0		
	EXP.	1.9	1.1	0.7	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.528 1.000	2.856 5.409	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8281	A=D? 0.7783	A=E? 0.7686	A=F? 0.7641	A=G? 0.7619	A=H? 0.7624	A=CD? 0.8393	A=EF? 0.7722	A=GH? 0.7641	HOMO, 0.6481	TRENO, 0.6952
1975-78	OBS. EXP.	9	3	4	0	0	2	0	0	0		
	EXP.	4.3	2.4	1.7	0.4	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.704 1.000	1.696 2.407	0.000 0.000	0.000 0.000	0.000 0.000	27.169 38,574	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8724	A=D? 0.7945	A=E? 0.7765	A=F? 0.0006	A=G? 0.7636	A=H? 0.7646	A=CD? 0.8874	A=EF? 0.0565	A=GH? 0.7678	HOMO, 0.0000	TRENO, 0.0102

TABLE 9-9 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-9

HIROSHIMA + NAGASAKI, MALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	101	27	39	12	6	2	6	4	5		
	EXP.	36.5	34.4	15.1	4.8	5.2	2.4	1.0	1.7			
	OBS./EXP. RELATIVE RISK	0.739 1.000	1.134 1.535	0.794 1.074	1.255 1.697	0.384 0.519	2.545 3.443	4.209 5.694	2.976 4.025			
	TEST PROB.	A=C? 0.4585	A=D? 0.2333	A=E? 0.7072	A=F? 0.0288	A=G? 0.0107	A=H? 0.0203	A=CD? 0.3289	A=EF? 0.2480	A=GH? 0.0014	HOMO. 0.0002	TREND. 0.0001
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	3	0	2	1	0	0	0	0	0		
	RELATIVE RISK	0.8 0.000	1.1 1.846	0.5 2.143	0.2 0.000	0.2 0.000	0.1 0.000	0.0 0.000	0.0 0.000	0.1 0.000		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.8982	TREND. 0.6733
1959-62	OBS. EXP.	3	0	2	0	0	0	0	1	0		
	RELATIVE RISK	0.8 0.000	1.1 1.848	0.5 0.000	0.2 0.000	0.2 0.000	0.1 0.000	0.0 0.000	0.0 29.314	0.1 0.000		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0001	TREND. 0.0628
1963-66	OBS. EXP.	7	3	3	0	1	0	0	0	0		
	RELATIVE RISK	2.6 1.140 1.000	2.4 1.271 1.115	1.0 0.000 0.000	0.3 3.203 2.810	0.3 0.000 0.000	0.2 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000		
	TEST PROB.	A=C? 0.8567	A=D? 0.2847	A=E? 0.7854	A=F? 0.7720	A=G? 0.7673	A=H? 0.7725	A=CD? 0.7122	A=EF? 0.7953	A=GH? 0.7790	HOMO. 0.8414	TREND. 0.7319
1967-70	OBS. EXP.	13	2	7	2	0	0	2	0	0		
	RELATIVE RISK	4.3 0.461 1.000	4.5 1.553 3.368	2.0 1.008 2.185	0.7 0.000 0.000	0.8 0.000 0.000	0.4 5.665 12.283	0.1 0.000 0.000	0.1 0.000 0.000	0.2 0.000 0.000		
	TEST PROB.	A=C? 0.3556	A=D? 0.8254	A=E? 0.8368	A=F? 0.1240	A=G? 0.7748	A=H? 0.7849	A=CD? 0.3610	A=EF? 0.4588	A=GH? 0.7969	HOMO. 0.0922	TREND. 0.3911
1971-74	OBS. EXP.	25	8	9	2	2	1	2	1	0		
	RELATIVE RISK	9.2 0.868 1.000	8.4 1.067 1.229	3.7 0.535 0.616	1.2 1.717 1.977	1.2 0.800 0.922	0.6 3.546 4.083	0.2 4.282 4.930	0.2 0.000 0.000	0.4 0.000 0.000		
	TEST PROB.	A=C? 0.6969	A=D? 0.3751	A=E? 0.3621	A=F? 0.2987	A=G? 0.2592	A=H? 0.7961	A=CD? 0.5757	A=EF? 0.4167	A=GH? 0.3005	HOMO. 0.3035	TREND. 0.1688
1975-78	OBS. EXP.	50	14	16	7	3	1	2	2	5		
	RELATIVE RISK	18.7 0.748 1.000	16.8 0.953 1.273	7.5 0.934 1.249	2.3 1.322 1.766	2.4 0.409 0.547	1.1 1.843 2.462	0.4 4.479 5.984	0.4 0.000 0.000	0.8 6.491 8.673		
	TEST PROB.	A=C? 0.4129	A=D? 0.3080	A=E? 0.6917	A=F? 0.3033	A=G? 0.0988	A=H? 0.0007	A=CD? 0.3024	A=EF? 0.3984	A=GH? 0.0004	HOMO. 0.0000	TREND. 0.0000

TABLE 9-10 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-10

HIROSHIMA + NAGASAKI, MALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	214	87	54	34	7	16	11	2	3		
	EXP.	83.4	61.0	34.4	12.0	11.2	6.2	2.8	3.0			
	OBS./EXP.	1.043	0.885	0.989	0.583	1.428	1.768	0.717	1.012			
	RELATIVE RISK	1.000	0.848	0.948	0.558	1.369	1.695	0.687	0.970			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5949	0.8682	0.2695	0.1951	0.7117	0.5426	0.7364	0.1823	0.6595	0.2478	0.1662
1950-54	OBS. TOTAL	7	3	4	0	0	0	0	0	0		
	EXP.	2.9	2.0	1.1	0.3	0.3	0.2	0.1	0.1			
	OBS./EXP.	1.037	1.985	0.000	0.000	0.000	0.000	0.000	0.000			
	RELATIVE RISK	1.000	1.915	0.000	0.000	0.000	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8682	0.7954	0.7902	0.7751	0.7680	0.7708	0.5842	0.8023	0.7780	0.7693	0.8261
1955-58	OBS. TOTAL	2	0	1	1	0	0	0	0	0		
	EXP.	0.9	0.6	0.3	0.1	0.1	0.0	0.0	0.0			
	OBS./EXP.	0.000	1.721	3.069	0.000	0.000	0.000	0.000	0.000			
	RELATIVE RISK	X	X	X	X	X	X	X	X			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2398	X	X	X	X	X	0.2398	X	X	0.9037	0.6177
1959-62	OBS. TOTAL	11	4	3	2	0	1	0	0	1		
	EXP.	4.5	3.1	1.8	0.5	0.5	0.3	0.1	0.1			
	OBS./EXP.	0.890	0.955	1.123	0.000	1.997	0.000	0.000	7.023			
	RELATIVE RISK	1.000	1.074	1.262	0.000	2.245	0.000	0.000	7.894			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3762	0.8022	0.2765	0.7785	0.7698	0.2515	0.4219	0.2979	0.2602	0.4613	0.0912
1963-66	OBS. TOTAL	27	11	9	6	0	1	0	0	0		
	EXP.	11.2	7.7	4.4	1.3	1.2	0.6	0.3	0.3			
	OBS./EXP.	0.980	1.167	1.375	0.000	0.868	0.000	0.000	0.000			
	RELATIVE RISK	1.000	1.191	1.402	0.000	0.886	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4457	0.8919	0.7017	0.8527	0.8082	0.8062	0.4500	0.8012	0.8414	0.8367	0.8965
1967-70	OBS. TOTAL	43	18	10	8	2	2	3	0	0		
	EXP.	16.8	12.2	6.9	2.4	2.4	2.3	1.3	0.6			
	OBS./EXP.	1.070	0.823	1.159	0.823	0.888	2.378	0.000	0.000			
	RELATIVE RISK	1.000	0.769	1.084	0.769	0.830	2.223	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4460	0.6511	0.6590	0.4152	0.8230	0.8252	0.5261	0.4243	0.8661	0.7414	0.6000
1971-74	OBS. TOTAL	46	17	9	6	3	6	4	0	1		
	EXP.	17.7	13.1	7.4	2.7	2.5	1.4	0.6	0.7			
	OBS./EXP.	0.960	0.686	0.815	1.129	2.399	2.929	0.000	1.511			
	RELATIVE RISK	1.000	0.715	0.849	1.176	2.499	3.051	0.000	1.574			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6148	0.4860	0.1170	0.0883	0.8030	0.3089	0.4628	0.0631	0.4122	0.0762	0.0294
1975-78	OBS. TOTAL	78	34	18	11	2	6	4	2	1		
	EXP.	29.2	22.5	12.5	4.8	4.3	2.4	1.1	1.1			
	OBS./EXP.	1.163	0.800	0.879	0.418	1.392	1.684	1.749	0.873			
	RELATIVE RISK	1.000	0.688	0.756	0.359	1.197	1.448	1.504	0.751			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7519	0.8889	0.4416	0.4598	0.3804	0.6623	0.8569	0.4061	0.4320	0.5456	0.2350

TABLE 9-11 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-11

HIROSHIMA + NAGASAKI, MALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1081	427	268	209	67	53	20	11	26		
	EXP.	431.7	296.8	194.0	62.3	53.5	19.2	9.0	14.5			
	OBS./EXP.	0.989	0.903	1.077	1.076	0.991	1.042	1.217	1.793			
	RELATIVE RISK	1.000	0.913	1.089	1.088	1.001	1.053	1.231	1.813			
	TEST PROB.	A=C? 0.2457	A=D? 0.3326	A=E? 0.4802	A=F? 0.4375	A=G? 0.3644	A=H? 0.0209	A=CD? 0.2239	A=EF? 0.4251	A=GH? 0.0320	HOMO. 0.0494	TREND. 0.0020
1950-54	OBS. EXP.	60	24 24.5	14 16.3	12 10.8	4 3.3	3 2.8	2 1.0	0 0.5	1 0.8		
	OBS./EXP.	0.978	0.860	1.115	1.197	1.080	2.005	0.000	1.240			
	RELATIVE RISK	1.000	0.879	1.140	1.224	1.104	2.050	0.000	1.267			
	TEST PROB.	A=C? 0.4622	A=D? 0.4287	A=E? 0.4138	A=F? 0.4123	A=G? 0.8136	A=H? 0.4022	A=CD? 0.4323	A=EF? 0.4388	A=GH? 0.6830	HOMO. 0.9478	TREND. 0.3319
1955-58	OBS. EXP.	88	37 37.0	21 23.6	17 15.7	3 4.7	3 3.9	2 1.3	3 0.7	2 1.1		
	OBS./EXP.	0.999	0.889	1.081	0.640	0.776	1.523	4.513	1.831			
	RELATIVE RISK	1.000	0.889	1.082	0.641	0.776	1.524	4.516	1.832			
	TEST PROB.	A=C? 0.4586	A=D? 0.7666	A=E? 0.6889	A=F? 0.3809	A=G? 0.1047	A=H? 0.3967	A=CD? 0.5675	A=EF? 0.5613	A=GH? 0.1161	HOMO. 0.1587	TREND. 0.0346
1959-62	OBS. EXP.	132	43 52.1	35 36.5	33 23.5	6 7.8	8 6.7	1 2.4	3 1.1	3 1.8		
	OBS./EXP.	0.825	0.958	1.407	0.766	1.203	0.413	2.629	1.624			
	RELATIVE RISK	1.000	1.162	1.705	0.929	1.458	0.501	3.187	1.968			
	TEST PROB.	A=C? 0.0547	A=D? 0.4500	A=E? 0.2707	A=F? 0.6899	A=G? 0.1037	A=H? 0.2745	A=CD? 0.0981	A=EF? 0.3652	A=GH? 0.0819	HOMO. 0.1414	TREND. 0.0970
1963-66	OBS. EXP.	159	60 63.5	38 43.7	25 28.4	17 9.2	6 8.0	6 2.9	0 1.3	4 2.2		
	OBS./EXP.	0.945	0.869	0.987	1.857	0.753	2.095	0.000	1.834			
	RELATIVE RISK	1.000	0.920	1.045	1.966	0.797	2.217	0.000	1.942			
	TEST PROB.	A=C? 0.4698	A=D? 0.0409	A=E? 0.6156	A=F? 0.0886	A=G? 0.8440	A=H? 0.2311	A=CD? 0.2077	A=EF? 0.3108	A=GH? 0.4825	HOMO. 0.0417	TREND. 0.0567
1967-70	OBS. EXP.	202	85 79.2	56 55.6	29 36.5	12 11.9	9 10.5	5 3.9	2 1.7	4 2.8		
	OBS./EXP.	1.074	1.007	0.795	1.008	0.857	1.284	1.192	1.430			
	RELATIVE RISK	1.000	0.938	0.741	1.039	0.798	1.196	1.110	1.332			
	TEST PROB.	A=C? 0.8399	A=D? 0.5857	A=E? 0.6774	A=F? 0.4134	A=G? 0.3909	A=H? 0.4047	A=CD? 0.8257	A=EF? 0.5632	A=GH? 0.3727	HOMO. 0.8757	TREND. 0.2972
1971-74	OBS. EXP.	218	92 86.8	49 59.7	50 39.6	11 12.4	9 11.0	0 4.0	0 1.7	7 2.7		
	OBS./EXP.	1.060	0.820	1.262	0.886	0.816	0.000	0.000	2.581			
	RELATIVE RISK	1.000	0.774	1.191	0.836	0.770	0.000	0.000	2.436			
	TEST PROB.	A=C? 0.2578	A=D? 0.6775	A=E? 0.7347	A=F? 0.9494	A=G? 0.8865	A=H? 0.0750	A=CD? 0.3368	A=EF? 0.8908	A=GH? 0.2845	HOMO. 0.0108	TREND. 0.3393
1975-78	OBS. EXP.	222	86 89.2	55 61.2	40 39.9	14 12.6	15 11.3	4 3.7	3 1.6	5 2.4		
	OBS./EXP.	0.964	0.898	1.001	1.113	1.323	1.072	1.884	2.076			
	RELATIVE RISK	1.000	0.931	1.039	1.154	1.372	1.112	1.954	2.153			
	TEST PROB.	A=C? 0.4736	A=D? 0.4720	A=E? 0.2981	A=F? 0.5323	A=G? 0.4412	A=H? 0.2213	A=CD? 0.4357	A=EF? 0.3045	A=GH? 0.1745	HOMO. 0.5005	TREND. 0.0100

TABLE 9-12 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-12

HIROSHIMA + NAGASAKI, MALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	896	379	250	153	49	39	15	3	8		
	EXP.	367.0		248.5	170.3	50.6	33.2	12.2	5.4	8.8		
	OBS./EXP. RELATIVE RISK	1.033 1.000	1.006 1.000	0.899 0.974	0.899 0.870	0.969 0.938	1.176 1.139	1.225 1.186	0.551 0.533	0.907 0.879		
	TEST PROB.	A=C? 0.8489	A=D? 0.6558	A=E? 0.3447	A=F? 0.3736	A=G? 0.8274	A=H? 0.6665	A=CD? 0.8416	A=EF? 0.2837	A=GH? 0.8018	HOMO. 0.6492	TREND. 0.5490
1950-54	OBS. EXP.	171 69.9	84 69.9	41 48.5	27 32.3	7 9.0	8 6.4	1 2.2	1 1.0	2 1.8		
	OBS./EXP. RELATIVE RISK	1.201 1.000	0.846 1.000	0.846 0.704	0.835 0.695	0.781 0.650	1.258 1.047	0.459 0.382	1.013 0.843	1.127 0.938		
	TEST PROB.	A=C? 0.8688	A=D? 0.8041	A=E? 0.4457	A=F? 0.8050	A=G? 0.6008	A=H? 0.5546	A=CD? 0.9055	A=EF? 0.6290	A=GH? 0.5950	HOMO. 0.4741	TREND. 0.6020
1955-58	OBS. EXP.	147 67.6	71 67.6	52 47.0	27 31.7	9 9.2	6 6.3	1 2.4	0 1.0	1 1.7		
	OBS./EXP. RELATIVE RISK	1.050 1.000	1.106 1.053	0.851 1.053	0.851 0.810	0.973 0.927	0.952 0.907	0.422 0.401	0.000 0.000	0.589 0.560		
	TEST PROB.	A=C? 0.7922	A=D? 0.6153	A=E? 0.6352	A=F? 0.8222	A=G? 0.8506	A=H? 0.7593	A=CD? 0.7654	A=EF? 0.7393	A=GH? 0.8493	HOMO. 0.8298	TREND. 0.9091
1959-62	OBS. EXP.	165 69.1	64 69.1	55 45.2	27 30.5	4 9.6	12 6.1	1 2.1	1 1.0	1 1.5		
	OBS./EXP. RELATIVE RISK	0.926 1.000	1.217 1.314	0.886 1.314	0.886 0.956	0.416 0.449	1.977 2.134	0.480 0.518	1.023 1.104	0.661 0.714		
	TEST PROB.	A=C? 0.5284	A=D? 0.8952	A=E? 0.0551	A=F? 0.7349	A=G? 0.3913	A=H? 0.6446	A=CD? 0.7240	A=EF? 0.1213	A=GH? 0.5671	HOMO. 0.0751	TREND. 0.5624
1963-66	OBS. EXP.	162 64.9	70 64.9	42 44.7	28 31.3	11 9.7	2 8.2	5 2.5	0 1.1	4 1.6		
	OBS./EXP. RELATIVE RISK	1.078 1.000	0.939 0.871	0.896 0.831	0.896 0.831	1.133 1.051	0.323 0.299	2.033 1.886	0.000 0.000	2.434 2.258		
	TEST PROB.	A=C? 0.7552	A=D? 0.4760	A=E? 0.9276	A=F? 0.2759	A=G? 0.8599	A=H? 0.2453	A=CD? 0.7103	A=EF? 0.7645	A=GH? 0.4263	HOMO. 0.1317	TREND. 0.1583
1967-70	OBS. EXP.	101 41.8	39 41.8	28 27.0	20 19.4	6 6.1	4 3.7	4 1.5	0 0.6	0 1.0		
	OBS./EXP. RELATIVE RISK	0.932 1.000	1.037 1.113	1.037 1.113	1.033 1.108	0.984 1.055	1.095 1.175	2.661 2.855	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4534	A=D? 0.4392	A=E? 0.4380	A=F? 0.0951	A=G? 0.8109	A=H? 0.8363	A=CD? 0.4524	A=EF? 0.1586	A=GH? 0.8662	HOMO. 0.5294	TREND. 0.5074
1971-74	OBS. EXP.	83 34.0	34 34.0	19 22.0	12 16.4	9 5.0	6 2.9	3 1.3	0 0.6	0 0.8		
	OBS./EXP. RELATIVE RISK	1.001 1.000	0.865 0.864	0.731 0.730	0.731 0.730	1.794 1.792	2.035 2.032	2.341 2.338	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7658	A=D? 0.1625	A=E? 0.2633	A=F? 0.2327	A=G? 0.8177	A=H? 0.8351	A=CD? 0.4719	A=EF? 0.1389	A=GH? 0.8693	HOMO. 0.1022	TREND. 0.2518
1975-78	OBS. EXP.	47 19.1	17 19.1	13 12.6	12 9.5	3 2.8	1 1.6	0 0.6	1 0.4	0 0.3		
	OBS./EXP. RELATIVE RISK	0.888 1.000	1.028 1.158	1.260 1.419	1.260 1.419	1.058 1.191	0.644 0.725	0.000 0.000	2.399 2.703	0.000 0.000		
	TEST PROB.	A=C? 0.3467	A=D? 0.4227	A=E? 0.7326	A=F? 0.8459	A=G? 0.2953	A=H? 0.7955	A=CD? 0.3457	A=EF? 0.8090	A=GH? 0.3535	HOMO. 0.8983	TREND. 0.6115

TABLE 9-13 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-13

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	2263	845	604	483	130	94	51	23	33		
	EXP.	920.1	626.1	453.7	123.5	73.8	32.2	15.1	18.5			
	OBS./EXP. RELATIVE RISK	0.918 1.000	0.965 1.051	1.065 1.159	1.053 1.146	1.274 1.387	1.583 1.724	1.522 1.657	1.781 1.939			
	TEST PROB.	A=C? 0.0362	A=D? 0.1348	A=E? 0.0139	A=F? 0.0020	A=G? 0.0449	A=H? 0.0031	A=CD? 0.0252	A=EF? 0.0003	A=GH? 0.0007	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	202	70	50	48	14	8	5	3	4		
	RELATIVE RISK	0.861 1.000	0.881 1.024	1.165 1.352	1.261 1.465	1.290 1.498	1.900 2.207	2.386 2.771	2.558 2.971			
	TEST PROB.	A=C? 0.1798	A=D? 0.1958	A=E? 0.2763	A=F? 0.1894	A=G? 0.1906	A=H? 0.1093	A=CD? 0.1201	A=EF? 0.1398	A=GH? 0.0379	HOMO. 0.0641	TREND. 0.0004
1955-58	OBS. EXP.	259	110	75	47	12	7	5	0	3		
	RELATIVE RISK	1.074 1.000	1.018 0.948	0.884 0.823	0.832 0.774	0.855 0.796	1.414 1.316	0.000 0.000	1.524 1.419			
	TEST PROB.	A=C? 0.7447	A=D? 0.7047	A=E? 0.6346	A=F? 0.3189	A=G? 0.8714	A=H? 0.4265	A=CD? 0.7824	A=EF? 0.4660	A=GH? 0.6209	HOMO. 0.6926	TREND. 0.5295
1959-62	OBS. EXP.	307	112	86	62	24	15	1	3	4		
	RELATIVE RISK	0.867 1.000	1.042 1.202	1.003 1.157	1.433 1.653	1.690 1.950	0.261 0.301	1.634 1.886	1.881 2.169			
	TEST PROB.	A=C? 0.3055	A=D? 0.0458	A=E? 0.0378	A=F? 0.8537	A=G? 0.3445	A=H? 0.2051	A=CD? 0.1265	A=EF? 0.1360	A=GH? 0.1307	HOMO. 0.0422	TREND. 0.0342
1963-66	OBS. EXP.	325	122	87	74	17	11	6	2	6		
	RELATIVE RISK	0.889 1.000	1.001 1.126	1.141 1.284	0.992 1.117	1.118 1.258	1.366 1.537	0.975 1.097	2.410 2.713			
	TEST PROB.	A=C? 0.1296	A=D? 0.4349	A=E? 0.3237	A=F? 0.2766	A=G? 0.4053	A=H? 0.0530	A=CD? 0.1529	A=EF? 0.1975	A=GH? 0.0914	HOMO. 0.2610	TREND. 0.0124
1967-70	OBS. EXP.	354	125	88	91	21	10	9	3	7		
	RELATIVE RISK	0.863 1.000	0.906 1.050	1.292 1.497	1.102 1.277	0.847 0.982	1.694 1.963	1.234 1.430	2.360 2.735			
	TEST PROB.	A=C? 0.0232	A=D? 0.2027	A=E? 0.4545	A=F? 0.0702	A=G? 0.4233	A=H? 0.0314	A=CD? 0.0227	A=EF? 0.1869	A=GH? 0.0430	HOMO. 0.0097	TREND. 0.0026
1971-74	OBS. EXP.	398	154	110	77	16	23	8	6	4		
	RELATIVE RISK	0.973 1.000	0.974 1.001	0.976 1.003	0.733 0.753	1.667 1.713	1.297 1.333	2.163 2.222	1.176 1.208			
	TEST PROB.	A=C? 0.4804	A=D? 0.8279	A=E? 0.0659	A=F? 0.3463	A=G? 0.1360	A=H? 0.4230	A=CD? 0.6271	A=EF? 0.0524	A=GH? 0.1787	HOMO. 0.0839	TREND. 0.0189
1975-78	OBS. EXP.	418	152	108	84	26	20	17	6	5		
	RELATIVE RISK	0.902 1.000	0.930 1.030	1.014 1.124	1.149 1.274	1.351 1.497	2.682 2.973	2.017 2.236	1.342 1.488			
	TEST PROB.	A=C? 0.2996	A=D? 0.2562	A=E? 0.1746	A=F? 0.0009	A=G? 0.1242	A=H? 0.3437	A=CD? 0.2329	A=EF? 0.0069	A=GH? 0.1049	HOMO. 0.0004	TREND. 0.0001

TABLE 9-14 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-14

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	27	10	6	4	1	2	3	0	1		
	EXP.	11.0	8.1	5.3	1.3	0.7	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.907 1.000	0.745 0.822	0.756 0.834	0.800 0.882	2.834 3.126	9.230 10.179	0.000 0.000	4.766 5.257			
	TEST PROB.	A=C? 0.6768	A=D? 0.6378	A=E? 0.3328	A=F? 0.0345	A=G? 0.7793	A=H? 0.2651	A=CD? 0.6610	A=EF? 0.0438	A=GH? 0.2846	HOMO, 0.0002	TREND, 0.0002
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1955-58	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.026 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO, 0.0000	TREND, 0.0065
1959-62	OBS. EXP.	1	1	0	0	0	0	0	0	0		
	RELATIVE RISK	2.139 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8266	A=D? 0.7782	A=E? 0.7703	A=F? 0.7645	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.7743	A=GH? 0.7645	HOMO, 0.9923	TREND, 0.5952
1963-66	OBS. EXP.	1	0	0	0	0	0	0	0	1		
	RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	193.496 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? 0.2398	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO, 0.0000	TREND, 0.0000
1967-70	OBS. EXP.	3	2	0	0	0	1	0	0	0		
	RELATIVE RISK	1.740 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	11.866 6.744	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9036	A=D? 0.8195	A=E? 0.2574	A=F? 0.7827	A=G? 0.7700	A=H? 0.7775	A=CD? 0.9197	A=EF? 0.2667	A=GH? 0.7861	HOMO, 0.0873	TREND, 0.2673
1971-74	OBS. EXP.	9	2	3	2	0	1	1	0	0		
	RELATIVE RISK	0.544 1.000	1.117 2.051	1.132 2.080	0.000 0.000	4.275 7.852	9.301 17.084	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3542	A=D? 0.7864	A=E? 0.2504	A=F? 0.2440	A=G? 0.7630	A=H? 0.7638	A=CD? 0.3557	A=EF? 0.0463	A=GH? 0.7665	HOMO, 0.1220	TREND, 0.0888
1975-78	OBS. EXP.	12	5	3	2	1	0	1	0	0		
	RELATIVE RISK	0.984 1.000	0.857 0.871	0.867 0.881	1.853 1.882	0.000 0.000	7.500 7.621	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.6208	A=D? 0.3250	A=E? 0.8068	A=F? 0.2650	A=G? 0.7717	A=H? 0.7791	A=CD? 0.4265	A=EF? 0.3399	A=GH? 0.7889	HOMO, 0.4731	TREND, 0.2731

TABLE 9-15 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-15

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	120	39	26	20	5	14	5	7	4		
	EXP.		44.5	33.8	20.6	7.1	7.5	3.6	1.5	1.4		
	OBS./EXP. RELATIVE RISK		0.877 1.000	0.768 0.876	0.969 1.105	0.704 0.803	1.876 2.139	1.403 1.600	4.707 5.367	2.797 3.189		
	TEST PROB.	A=C? 0.4367	A=D? 0.6831	A=E? 0.0694	A=F? 0.2578	A=G? 0.0016	A=H? 0.0849	A=CD? 0.4640	A=EF? 0.0427	A=GH? 0.0007	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	2	1	0	0	0	0	0	1	0		
	EXP.		0.9	0.5	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.077 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	46.283 42.956	0.000 0.000		
	TEST PROB.	A=C? 0.8265	A=D? 0.7802	A=E? 0.7753	A=F? 0.7662	A=G? 0.2423	A=H? 0.7648	A=CD? 0.8391	A=EF? 0.7807	A=GH? 0.2447	HOMO. 0.0000	TREND. 0.0085
1955-58	OBS. TOTAL	6	3	2	1	0	0	0	0	0		
	EXP.		2.3	1.7	1.0	0.3	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.308 1.000	1.203 0.920	0.963 0.737	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7133	A=D? 0.8287	A=E? 0.8393	A=F? 0.8081	A=G? 0.7771	A=H? 0.7770	A=CD? 0.7869	A=EF? 0.8635	A=GH? 0.7919	HOMO. 0.9866	TREND. 0.8192
1959-62	OBS. TOTAL	7	2	3	2	0	0	0	0	0		
	EXP.		2.8	1.9	1.2	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.726 1.000	1.570 2.162	1.643 2.262	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4011	A=D? 0.7894	A=E? 0.7823	A=F? 0.7691	A=G? 0.7677	A=H? 0.7672	A=CD? 0.3643	A=EF? 0.7899	A=GH? 0.7742	HOMO. 0.9306	TREND. 0.7987
1963-66	OBS. TOTAL	10	3	2	3	0	2	0	0	0		
	EXP.		3.7	2.8	1.7	0.6	0.6	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.819 1.000	0.706 0.861	1.744 2.129	0.000 0.000	3.152 3.847	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4494	A=D? 0.8291	A=E? 0.3613	A=F? 0.8077	A=G? 0.7773	A=H? 0.7772	A=CD? 0.3867	A=EF? 0.3915	A=GH? 0.7923	HOMO. 0.6085	TREND. 0.5009
1967-70	OBS. TOTAL	25	6	6	4	3	1	2	1	2		
	EXP.		9.2	7.1	4.3	1.5	1.6	0.8	0.3	0.3		
	OBS./EXP. RELATIVE RISK		0.655 1.000	0.846 1.291	0.932 1.423	2.001 3.055	0.632 0.965	2.651 4.048	3.169 4.838	6.621 10.108		
	TEST PROB.	A=C? 0.4524	A=D? 0.1856	A=E? 0.4725	A=F? 0.2108	A=G? 0.2599	A=H? 0.0314	A=CD? 0.2544	A=EF? 0.3853	A=GH? 0.0171	HOMO. 0.0222	TREND. 0.0002
1971-74	OBS. TOTAL	29	10	8	4	0	4	1	2	0		
	EXP.		10.5	8.3	5.0	1.8	1.9	0.9	0.4	0.3		
	OBS./EXP. RELATIVE RISK		0.948 1.000	0.968 1.020	0.804 0.848	0.000 0.000	2.147 2.263	1.122 1.183	5.484 5.782	0.000 0.000		
	TEST PROB.	A=C? 0.5720	A=D? 0.8774	A=E? 0.2638	A=F? 0.3250	A=G? 0.1291	A=H? 0.7941	A=CD? 0.7045	A=EF? 0.2471	A=GH? 0.3126	HOMO. 0.0947	TREND. 0.1009
1975-78	OBS. TOTAL	41	14	5	6	2	7	2	3	2		
	EXP.		15.2	11.6	7.0	2.4	2.5	1.2	0.5	0.5		
	OBS./EXP. RELATIVE RISK		0.924 1.000	0.430 0.466	0.854 0.925	0.817 0.885	2.748 2.975	1.634 1.769	6.025 6.522	4.154 4.497		
	TEST PROB.	A=C? 0.6237	A=D? 0.6709	A=E? 0.0941	A=F? 0.4029	A=G? 0.0384	A=H? 0.1868	A=CD? 0.6633	A=EF? 0.0694	A=GH? 0.0125	HOMO. 0.0001	TREND. 0.0000

TABLE 9-16 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-16

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	417	141	106	90	28	19	18	4	11		
	EXP.	163.7	163.7	118.6	79.0	24.1	15.8	6.8	3.7	5.2		
	OBS./EXP. RELATIVE RISK	0.861 1.000	0.861 1.000	0.894 1.038	1.139 1.323	1.161 1.348	1.202 1.395	2.636 3.060	1.073 1.245	2.107 2.446		
	TEST PROB.	A=C? 0.0749	A=D? 0.2570	A=E? 0.2612	A=F? 0.0015	A=G? 0.4236	A=H? 0.0383	A=CD? 0.0683	A=EF? 0.0117	A=GH? 0.0676	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	22	7	7	6	0	1	1	0	0		
	EXP.	8.8	8.8	6.2	4.2	1.3	0.8	0.3	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.795 1.000	0.795 1.000	1.134 1.428	1.445 1.819	0.000 0.000	1.259 1.585	2.907 3.659	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.2763	A=D? 0.8388	A=E? 0.2988	A=F? 0.2715	A=G? 0.7728	A=H? 0.7201	A=CD? 0.4121	A=EF? 0.4817	A=GH? 0.7910	HOMO. 0.7359	TREND. 0.5648
1955-58	OBS. TOTAL	32	12	11	4	2	0	1	0	2		
	EXP.	12.0	12.0	9.3	6.1	1.9	1.3	0.6	0.3	0.4		
	OBS./EXP. RELATIVE RISK	0.997 1.000	0.997 1.000	1.178 1.181	0.655 0.656	1.049 1.052	0.000 0.000	1.731 1.736	0.000 0.000	4.625 4.637		
	TEST PROB.	A=C? 0.7231	A=D? 0.4173	A=E? 0.8701	A=F? 0.3140	A=G? 0.7968	A=H? 0.2106	A=CD? 0.6543	A=EF? 0.7303	A=GH? 0.3972	HOMO. 0.2799	TREND. 0.0890
1959-62	OBS. TOTAL	35	15	9	3	1	3	0	1	3		
	EXP.	13.9	13.9	9.9	6.6	2.0	1.3	0.6	0.3	0.4		
	OBS./EXP. RELATIVE RISK	1.081 1.000	1.081 1.000	0.910 0.842	0.454 0.420	0.494 0.457	2.308 2.135	0.000 0.000	3.245 3.002	6.932 6.413		
	TEST PROB.	A=C? 0.9024	A=D? 0.8049	A=E? 0.4338	A=F? 0.8398	A=G? 0.2928	A=H? 0.0474	A=CD? 0.9144	A=EF? 0.4010	A=GH? 0.0443	HOMO. 0.0023	TREND. 0.0003
1963-66	OBS. TOTAL	64	20	20	12	5	0	4	0	3		
	EXP.	25.4	25.4	18.0	12.1	3.7	2.4	1.0	0.6	0.8		
	OBS./EXP. RELATIVE RISK	0.788 1.000	0.788 1.000	1.108 1.406	0.991 1.258	1.352 1.716	0.000 0.000	3.884 4.928	0.000 0.000	3.786 4.804		
	TEST PROB.	A=C? 0.3754	A=D? 0.3971	A=E? 0.9020	A=F? 0.0310	A=G? 0.8126	A=H? 0.0759	A=CD? 0.3233	A=EF? 0.3986	A=GH? 0.2140	HOMO. 0.0063	TREND. 0.0080
1967-70	OBS. TOTAL	61	17	12	20	6	4	0	1	1		
	EXP.	23.3	23.3	17.6	11.6	3.6	2.4	1.1	0.6	0.8		
	OBS./EXP. RELATIVE RISK	0.730 1.000	0.730 1.000	0.680 0.932	1.720 2.358	1.680 2.303	1.637 2.243	0.000 0.000	1.733 2.374	1.293 1.772		
	TEST PROB.	A=C? 0.0368	A=D? 0.1527	A=E? 0.2423	A=F? 0.8305	A=G? 0.2977	A=H? 0.3246	A=CD? 0.0294	A=EF? 0.4073	A=GH? 0.3946	HOMO. 0.0564	TREND. 0.1614
1971-74	OBS. TOTAL	96	31	27	23	4	6	3	1	1		
	EXP.	38.1	38.1	27.2	18.1	5.5	3.6	1.5	0.8	1.2		
	OBS./EXP. RELATIVE RISK	0.815 1.000	0.815 1.000	0.993 1.218	1.270 1.559	0.726 0.891	1.669 2.049	1.954 2.399	1.197 1.469	0.864 1.061		
	TEST PROB.	A=C? 0.1481	A=D? 0.7331	A=E? 0.2734	A=F? 0.4236	A=G? 0.4299	A=H? 0.6267	A=CD? 0.2339	A=EF? 0.1756	A=GH? 0.5500	HOMO. 0.5047	TREND. 0.1682
1975-78	OBS. TOTAL	107	39	20	22	10	5	9	1	1		
	EXP.	42.5	42.5	30.3	20.2	6.1	4.0	1.7	0.9	1.3		
	OBS./EXP. RELATIVE RISK	0.918 1.000	0.918 1.000	0.659 0.718	1.086 1.183	1.650 1.796	1.246 1.357	5.385 5.863	1.076 1.172	0.782 0.852		
	TEST PROB.	A=C? 0.3736	A=D? 0.1670	A=E? 0.4488	A=F? 0.0001	A=G? 0.3623	A=H? 0.5782	A=CD? 0.2550	A=EF? 0.0136	A=GH? 0.4140	HOMO. 0.0000	TREND. 0.0030

TABLE 9-17 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-17

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	985	352	291	217	57	32	17	9	10		
	EXP.	396.8	267.7	205.5	52.6	33.0	14.0	6.5	8.7			
	OBS./EXP. RELATIVE RISK	0.887 1.000	1.087 1.225	1.056 1.190	1.083 1.221	0.969 1.093	1.212 1.366	1.374 1.549	1.147 1.293			
	TEST PROB.	A=C? 0.0759	A=D? 0.1432	A=E? 0.3451	A=F? 0.1720	A=G? 0.2064	A=H? 0.3133	A=CD? 0.0484	A=EF? 0.1712	A=GH? 0.1556	HOMO. 0.1690	TREND. 0.0861
1950-54	OBS. EXP.	89	27 35.3	27 24.5	21 18.7	8 4.8	2 3.0	2 1.3	1 0.6	1 0.8		
	OBS./EXP. RELATIVE RISK	0.765 1.000	1.104 1.443	1.122 1.467	1.677 2.193	0.657 0.859	1.538 2.010	1.628 2.128	1.227 1.604			
	TEST PROB.	A=C? 0.2057	A=D? 0.1271	A=E? 0.6504	A=F? 0.4034	A=G? 0.3135	A=H? 0.3520	A=CD? 0.1125	A=EF? 0.4180	A=GH? 0.3877	HOMO. 0.5553	TREND. 0.1887
1955-58	OBS. EXP.	103	46 41.3	28 28.0	22 21.6	2 5.5	3 3.5	2 1.5	0 0.7	0 0.9		
	OBS./EXP. RELATIVE RISK	1.114 1.000	0.999 0.896	1.021 0.916	0.361 0.324	0.864 0.776	1.352 1.214	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.5518	A=D? 0.8749	A=E? 0.6150	A=F? 0.4034	A=G? 0.8135	A=H? 0.8250	A=CD? 0.7029	A=EF? 0.4387	A=GH? 0.8598	HOMO. 0.6923	TREND. 0.9098
1959-62	OBS. EXP.	120	38 48.8	38 32.2	25 25.0	10 6.4	6 4.0	1 1.7	1 0.8	1 1.1		
	OBS./EXP. RELATIVE RISK	0.779 1.000	1.179 1.513	1.000 1.285	1.553 1.994	1.494 1.918	0.599 0.770	1.246 1.600	0.948 1.217			
	TEST PROB.	A=C? 0.2234	A=D? 0.0825	A=E? 0.1575	A=F? 0.6110	A=G? 0.3311	A=H? 0.3576	A=CD? 0.1084	A=EF? 0.2054	A=GH? 0.3812	HOMO. 0.4420	TREND. 0.2708
1963-66	OBS. EXP.	124	45 50.5	39 33.3	26 25.8	9 6.6	3 4.1	1 1.7	1 0.8	0 1.1		
	OBS./EXP. RELATIVE RISK	0.892 1.000	1.172 1.314	1.006 1.128	1.359 1.524	0.728 0.816	0.574 0.644	1.226 1.375	0.000 0.000			
	TEST PROB.	A=C? 0.4470	A=D? 0.2557	A=E? 0.6236	A=F? 0.7052	A=G? 0.3471	A=H? 0.8407	A=CD? 0.3200	A=EF? 0.6779	A=GH? 0.7101	HOMO. 0.7526	TREND. 0.8089
1967-70	OBS. EXP.	168	58 68.0	45 45.4	46 35.0	7 9.0	4 5.6	4 2.4	1 1.1	3 1.5		
	OBS./EXP. RELATIVE RISK	0.853 1.000	0.992 1.163	1.315 1.541	0.777 0.911	0.709 0.831	1.661 1.946	0.892 1.045	1.956 2.292			
	TEST PROB.	A=C? 0.0917	A=D? 0.5553	A=E? 0.6089	A=F? 0.2393	A=G? 0.4079	A=H? 0.2436	A=CD? 0.1285	A=EF? 0.4039	A=GH? 0.2809	HOMO. 0.2921	TREND. 0.1261
1971-74	OBS. EXP.	174	69 69.4	47 48.1	33 36.3	10 9.2	7 5.8	2 2.6	3 1.1	3 1.5		
	OBS./EXP. RELATIVE RISK	0.995 1.000	0.977 0.982	0.910 0.915	1.085 1.091	1.201 1.207	0.780 0.785	2.656 2.671	1.987 1.998			
	TEST PROB.	A=C? 0.6331	A=D? 0.4568	A=E? 0.4106	A=F? 0.6265	A=G? 0.1820	A=H? 0.3230	A=CD? 0.5963	A=EF? 0.4517	A=GH? 0.1121	HOMO. 0.6169	TREND. 0.0515
1975-78	OBS. EXP.	207	69 84.3	67 56.4	44 42.9	11 10.9	7 6.8	5 2.8	2 1.3	2 1.7		
	OBS./EXP. RELATIVE RISK	0.819 1.000	1.188 1.452	1.026 1.253	1.010 1.234	1.034 1.263	1.780 2.175	1.546 1.889	1.196 1.461			
	TEST PROB.	A=C? 0.2306	A=D? 0.3952	A=E? 0.4758	A=F? 0.1861	A=G? 0.3938	A=H? 0.3836	A=CD? 0.2027	A=EF? 0.2236	A=GH? 0.3983	HOMO. 0.3942	TREND. 0.1187

TABLE 9-18 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

TABLE 9-18

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	714	303	175	152	39	27	8	3	7		
TOTAL	EXP.		304.1	197.8	143.2	38.4	16.8	7.5	3.2	2.9		
	OBS./EXP.		0.996	0.885	1.061	1.015	1.609	1.070	0.934	2.374		
	RELATIVE RISK		1.000	0.888	1.065	1.019	1.615	1.074	0.938	2.383		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3809	0.4034	0.0332	0.4472	0.4394	0.0557	0.3675	0.0488	0.1261	0.0344	0.0036
1950-54	OBS.	89	35	16	21	6	5	2	1	3		
	EXP.		36.3	25.6	18.0	5.0	2.3	1.0	0.4	0.4		
	OBS./EXP.		0.965	0.625	1.167	1.205	2.178	2.082	2.312	6.674		
	RELATIVE RISK		1.000	0.647	1.209	1.248	2.257	2.157	2.396	6.915		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4834	0.4195	0.1921	0.4525	0.2933	0.0249	0.3935	0.1505	0.0344	0.0011	0.0000
1955-58	OBS.	117	49	34	20	8	4	1	0	1		
	EXP.		46.6	34.2	24.2	6.6	3.0	1.3	0.6	0.5		
	OBS./EXP.		1.052	0.993	0.826	1.215	1.321	0.775	0.000	1.931		
	RELATIVE RISK		1.000	0.944	0.786	1.155	1.256	0.737	0.000	1.836		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7411	0.4741	0.4413	0.6073	0.8109	0.3098	0.6835	0.4859	0.5715	0.9215	0.4182
1959-62	OBS.	144	56	36	32	13	6	0	1	0		
	EXP.		63.3	38.2	28.8	7.9	3.2	1.4	0.6	0.6		
	OBS./EXP.		0.885	0.941	1.110	1.655	1.904	0.000	1.569	0.000		
	RELATIVE RISK		1.000	1.064	1.255	1.871	2.152	0.000	1.774	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3468	0.0670	0.1042	0.8517	0.3086	0.8045	0.1727	0.2569	0.4365	0.2154	0.3164
1963-66	OBS.	126	54	26	33	3	6	1	1	2		
	EXP.		57.3	32.5	25.0	6.2	2.7	1.3	0.5	0.5		
	OBS./EXP.		0.942	0.800	1.320	0.486	2.246	0.765	1.846	4.272		
	RELATIVE RISK		1.000	0.849	1.401	0.516	2.385	0.812	1.960	4.536		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1715	0.7997	0.0889	0.5717	0.2958	0.1369	0.2870	0.1470	0.1124	0.0307	0.0122
1967-70	OBS.	97	42	25	21	5	0	3	0	1		
	EXP.		43.3	26.1	18.9	4.8	2.0	1.0	0.4	0.3		
	OBS./EXP.		0.970	0.957	1.110	1.036	0.000	2.873	0.000	3.031		
	RELATIVE RISK		1.000	0.986	1.144	1.068	0.000	2.962	0.000	3.124		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3610	0.4354	0.8752	0.1327	0.7886	0.2675	0.3634	0.4130	0.3084	0.3448	0.1808
1971-74	OBS.	90	42	25	15	2	5	1	0	0		
	EXP.		36.6	26.6	17.8	4.9	2.3	1.1	0.4	0.3		
	OBS./EXP.		1.148	0.938	0.843	0.406	2.198	0.935	0.000	0.000		
	RELATIVE RISK		1.000	0.817	0.735	0.353	1.914	0.814	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7948	0.8898	0.2693	0.6158	0.8074	0.7987	0.8754	0.3333	0.8346	0.4042	0.6802
1975-78	OBS.	51	25	13	10	2	1	0	0	0		
	EXP.		21.5	14.3	10.4	2.7	1.2	0.5	0.2	0.2		
	OBS./EXP.		1.163	0.906	0.964	0.743	0.846	0.000	0.000	0.000		
	RELATIVE RISK		1.000	0.779	0.829	0.639	0.728	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6732	0.6924	0.5510	0.8066	0.7783	0.7797	0.7068	0.6913	0.7945	0.9646	0.8565

TABLE 9-19 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-19

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	3659	1589	896	698	189	136	74	26	51		
	EXP.	1653.4	943.4	680.0	181.0	113.2	39.9	19.3	28.9			
	OBS./EXP.	0.961	0.950	1.027	1.044	1.201	1.856	1.347	1.764			
	RELATIVE RISK	1.000	0.988	1.068	1.087	1.250	1.931	1.402	1.836			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1545	0.2310	0.0412	0.0000	0.1255	0.0013	0.1236	0.0003	0.0010	0.0000	0.0000
1950-54	OBS.	360	166	83	66	21	14	4	3	3		
	EXP.	162.7	93.2	66.7	18.0	11.1	3.7	1.9	2.8			
	OBS./EXP.	1.020	0.891	0.990	1.170	1.264	1.068	1.614	1.064			
	RELATIVE RISK	1.000	0.873	0.970	1.146	1.239	1.047	1.582	1.042			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5705	0.3701	0.3453	0.4437	0.4336	0.4522	0.4813	0.3534	0.4399	0.8646	0.1765
1955-58	OBS.	419	199	106	70	20	12	7	2	3		
	EXP.	189.5	107.6	78.1	21.2	12.8	4.5	2.2	3.2			
	OBS./EXP.	1.050	0.985	0.896	0.942	0.939	1.573	0.930	0.947			
	RELATIVE RISK	1.000	0.938	0.853	0.897	0.894	1.498	0.885	0.901			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8103	0.6589	0.6288	0.2838	0.6036	0.5922	0.8123	0.4907	0.6080	0.8879	0.4660
1959-62	OBS.	523	212	139	100	29	27	5	4	7		
	EXP.	230.6	133.7	97.7	27.1	15.9	5.5	2.7	3.8			
	OBS./EXP.	0.896	1.040	1.024	1.070	1.699	0.902	1.490	1.847			
	RELATIVE RISK	1.000	1.160	1.142	1.195	1.897	1.007	1.663	2.061			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2294	0.2884	0.0150	0.4764	0.3311	0.1287	0.1929	0.0314	0.0947	0.0465	0.0047
1963-66	OBS.	560	241	137	111	30	17	12	2	10		
	EXP.	253.8	143.1	104.6	27.9	17.2	6.3	2.8	4.3			
	OBS./EXP.	0.950	0.957	1.061	1.076	0.988	1.905	0.705	2.312			
	RELATIVE RISK	1.000	1.008	1.117	1.133	1.041	2.006	0.743	2.434			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2574	0.3556	0.4647	0.0602	0.6745	0.0319	0.2333	0.1946	0.1028	0.0442	0.0020
1967-70	OBS.	558	243	136	111	27	16	14	2	9		
	EXP.	253.2	142.3	104.2	27.3	17.4	6.3	2.8	4.4			
	OBS./EXP.	0.960	0.956	1.065	0.989	0.921	2.230	0.712	2.024			
	RELATIVE RISK	1.000	0.996	1.110	1.031	0.960	2.324	0.742	2.109			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2747	0.4769	0.5866	0.0181	0.6710	0.0773	0.2903	0.1792	0.1731	0.0275	0.0051
1971-74	OBS.	595	267	132	119	27	25	11	6	8		
	EXP.	268.7	153.7	111.1	28.8	18.4	6.6	3.1	4.8			
	OBS./EXP.	0.994	0.859	1.071	0.939	1.362	1.677	1.956	1.683			
	RELATIVE RISK	1.000	0.864	1.078	0.945	1.371	1.688	1.969	1.694			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3275	0.5995	0.1617	0.1431	0.1631	0.1845	0.3822	0.0740	0.0742	0.0458	0.0010
1975-78	OBS.	644	261	163	121	35	25	21	7	11		
	EXP.	288.9	169.7	119.4	30.5	20.3	6.8	3.4	4.9			
	OBS./EXP.	0.903	0.960	1.014	1.147	1.232	3.073	2.032	2.245			
	RELATIVE RISK	1.000	1.063	1.122	1.270	1.363	3.401	2.249	2.485			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2416	0.1902	0.1696	0.0000	0.0944	0.0249	0.1706	0.0028	0.0073	0.0000	0.0000

TABLE 9-20 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-20

HIROSHIMA, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	39	13	13	3	1	2	5	0	2		
	EXP.	18.3	18.3	10.4	7.2	1.6	0.8	0.3	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.710 1.000	1.246 1.000	0.419 1.756	0.419 0.591	0.625 0.881	2.521 3.553	14.476 20.402	0.000 0.000	10.197 14.372		
	TEST PROB.	A=C? 0.7751	A=D? 0.6020	A=E? 0.2625	A=F? 0.0000	A=G? 0.7725	A=H? 0.0134	A=CD? 0.7595	A=EF? 0.0002	A=GH? 0.0670	HOMO, 0.0000	TREND, 0.0000
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1959-62	OBS. EXP.	3	1	0	0	0	2	0	0	0		
	EXP.	1.4	1.4	0.8	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.708 1.000	0.000 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	75.464 106.610	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8266	A=D? 0.7782	A=E? 0.7703	A=F? 0.0000	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.0150	A=GH? 0.7645	HOMO, 0.0000	TREND, 0.0000
1963-66	OBS. EXP.	1	0	0	0	0	0	0	0	1		
	EXP.	0.5	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	193.496 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? 0.2398	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO, 0.0000	TREND, 0.0000
1967-70	OBS. EXP.	5	2	1	0	0	1	0	0	1		
	EXP.	2.4	2.4	1.3	0.9	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.850 1.000	0.750 0.882	0.000 0.000	0.000 0.000	0.000 0.000	10.111 11.891	0.000 0.000	0.000 0.000	40.579 47.723		
	TEST PROB.	A=C? 0.8514	A=D? 0.7865	A=E? 0.2498	A=F? 0.7663	A=G? 0.7630	A=H? 0.2421	A=CD? 0.8651	A=EF? 0.2543	A=GH? 0.2439	HOMO, 0.0000	TREND, 0.0000
1971-74	OBS. EXP.	11	3	5	1	0	1	1	0	0		
	EXP.	3.2	3.2	2.9	2.0	0.5	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK	0.581 1.000	1.495 2.917	0.496 0.853	0.000 0.000	0.000 0.000	4.410 7.589	10.300 17.724	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.6145	A=D? 0.7942	A=E? 0.2553	A=F? 0.2461	A=G? 0.7638	A=H? 0.7648	A=CD? 0.6787	A=EF? 0.0742	A=GH? 0.7683	HOMO, 0.0440	TREND, 0.0874
1975-78	OBS. EXP.	19	7	7	2	1	0	2	0	0		
	EXP.	8.9	8.9	5.1	3.5	0.8	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.783 1.000	1.380 1.762	0.572 0.730	1.280 1.634	0.000 0.000	12.303 15.704	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.6808	A=D? 0.3296	A=E? 0.7942	A=F? 0.0132	A=G? 0.7673	A=H? 0.7692	A=CD? 0.6003	A=EF? 0.1936	A=GH? 0.7758	HOMO, 0.0016	TREND, 0.0872

TABLE 9-21 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-21

HIROSHIMA, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78 TOTAL	OBS.	140	54	34	22	4	6	6	7	7	
	EXP.		63.7	39.4	22.5	5.4	4.3	1.8	1.3	1.6	
	OBS./EXP. RELATIVE RISK		0.847 1.000	0.863 1.018	0.977 1.154	0.739 0.872	1.393 1.645	3.403 4.017	5.490 6.481	4.464 5.279	
	TEST PROB.	A=C? 0.3905	A=D? 0.6251	A=E? 0.2739	A=F? 0.0148	A=G? 0.0003	A=H? 0.0014	A=CD? 0.4366	A=EF? 0.0389	A=GH? 0.0000	HOMO, 0.0000
1950-54	OBS.	2	1	0	0	0	0	0	1	0	
	EXP.		0.9	0.5	0.4	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK		1.077 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 46.293 42.956	0.000 0.000	
	TEST PROB.	A=C? 0.8265	A=D? 0.7802	A=E? 0.7753	A=F? 0.7662	A=G? 0.2423	A=H? 0.7648	A=CD? 0.8391	A=EF? 0.7807	A=GH? 0.2447	HOMO, 0.0000
1955-58	OBS.	5	2	3	0	0	0	0	0	0	
	EXP.		2.3	1.3	0.9	0.2	0.2	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK		0.871 1.000	2.296 2.637	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	A=C? 0.8505	A=D? 0.7893	A=E? 0.7825	A=F? 0.7690	A=G? 0.7677	A=H? 0.7671	A=CD? 0.8658	A=EF? 0.7901	A=GH? 0.7742	HOMO, 0.8191
1959-62	OBS.	6	2	2	2	0	0	0	0	0	
	EXP.		2.8	1.6	1.0	0.3	0.2	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK		0.725 1.000	1.285 1.772	1.934 2.667	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	A=C? 0.4011	A=D? 0.7894	A=E? 0.7823	A=F? 0.7691	A=G? 0.7677	A=H? 0.7672	A=CD? 0.3643	A=EF? 0.7899	A=GH? 0.7742	HOMO, 0.9657
1963-66	OBS.	11	5	3	2	0	1	0	0	0	
	EXP.		5.0	3.1	1.8	0.4	0.3	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK		0.999 1.000	0.973 0.974	1.125 1.127	0.000 0.000	2.948 2.953	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	A=C? 0.4108	A=D? 0.8059	A=E? 0.2822	A=F? 0.7775	A=G? 0.7725	A=H? 0.7765	A=CD? 0.5920	A=EF? 0.3041	A=GH? 0.7873	HOMO, 0.9535
1967-70	OBS.	22	6	5	4	2	0	2	1	2	
	EXP.		10.1	6.0	3.7	0.9	0.7	0.3	0.2	0.2	
	OBS./EXP. RELATIVE RISK		0.595 1.000	0.840 1.411	1.095 1.839	2.230 3.746	0.000 0.000	7.208 12.107	4.676 7.854	8.403 14.115	
	TEST PROB.	A=C? 0.3754	A=D? 0.2831	A=E? 0.8059	A=F? 0.0333	A=G? 0.2552	A=H? 0.0176	A=CD? 0.2380	A=EF? 0.2926	A=GH? 0.0084	HOMO, 0.0001
1971-74	OBS.	34	15	8	6	0	2	1	2	0	
	EXP.		15.5	9.6	5.4	1.3	1.0	0.4	0.3	0.4	
	OBS./EXP. RELATIVE RISK		0.969 1.000	0.829 0.856	1.107 1.142	0.000 0.000	1.935 1.998	2.350 2.426	4.516 6.727	0.000 0.000	
	TEST PROB.	A=C? 0.4302	A=D? 0.8612	A=E? 0.4302	A=F? 0.2937	A=G? 0.0954	A=H? 0.7973	A=CD? 0.5992	A=EF? 0.3172	A=GH? 0.3028	HOMO, 0.0704
1975-78	OBS.	60	23	13	8	2	3	3	3	5	
	EXP.		27.3	17.4	9.4	2.2	1.8	0.7	0.5	0.7	
	OBS./EXP. RELATIVE RISK		0.844 1.000	0.747 0.886	0.852 1.009	0.895 1.061	1.675 1.986	4.033 4.781	5.855 6.940	7.641 9.058	
	TEST PROB.	A=C? 0.4695	A=D? 0.4296	A=E? 0.3376	A=F? 0.0666	A=G? 0.0227	A=H? 0.0004	A=CD? 0.4571	A=EF? 0.0812	A=GH? 0.0000	HOMO, 0.0000

TABLE 9-22 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-22

HIROSHIMA, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	480	192	120	100	20	18	16	3	11		
	EXP.		213.8	129.1	85.1	23.4	14.3	5.9	3.4	5.1		
	OBS./EXP.		0.898	0.929	1.175	0.856	1.261	2.718	0.893	2.149		
	RELATIVE RISK		1.000	1.035	1.308	0.953	1.404	3.026	0.994	2.393		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0656	0.5681	0.1985	0.0015	0.5387	0.0307	0.1079	0.0101	0.0764	0.0001	0.0000
1950-54	OBS.	24	10	8	5	0	1	0	0	0		
	EXP.		10.7	6.4	4.3	1.2	0.7	0.3	0.2	0.3		
	OBS./EXP.		0.938	1.249	1.162	0.000	1.415	0.000	0.000	0.000		
	RELATIVE RISK		1.000	1.332	1.239	0.000	1.509	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4251	0.9541	0.3413	0.7906	0.7783	0.7871	0.3569	0.4311	0.8021	0.9202	0.7995
1955-58	OBS.	25	10	6	5	2	0	1	0	1		
	EXP.		11.2	6.5	4.6	1.3	0.7	0.3	0.2	0.3		
	OBS./EXP.		0.897	0.918	1.095	1.526	0.000	3.539	0.000	3.741		
	RELATIVE RISK		1.000	1.024	1.221	1.702	0.000	3.947	0.000	4.173		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4234	0.3828	0.8214	0.2694	0.7773	0.2685	0.4464	0.4018	0.2899	0.6253	0.0933
1959-62	OBS.	37	16	8	4	1	3	0	1	4		
	EXP.		16.5	9.9	6.6	1.8	1.1	0.4	0.3	0.4		
	OBS./EXP.		0.971	0.812	0.603	0.541	2.768	0.000	3.904	10.124		
	RELATIVE RISK		1.000	0.836	0.622	0.557	2.852	0.000	4.021	10.430		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7744	0.7361	0.2045	0.8638	0.2698	0.0009	0.7972	0.3367	0.0015	0.0000	0.0000
1963-66	OBS.	74	25	22	17	2	1	4	0	3		
	EXP.		33.0	19.8	13.1	3.6	2.2	0.9	0.5	0.8		
	OBS./EXP.		0.757	1.110	1.294	0.553	0.459	4.366	0.000	3.791		
	RELATIVE RISK		1.000	1.466	1.709	0.730	0.606	5.766	0.000	5.007		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1354	0.6856	0.7174	0.0142	0.7994	0.0578	0.2026	0.1939	0.1730	0.0028	0.0051
1967-70	OBS.	76	29	18	20	6	3	0	0	0		
	EXP.		33.9	20.6	13.3	3.6	2.3	1.0	0.5	0.8		
	OBS./EXP.		0.855	0.875	1.504	1.665	1.302	0.000	0.000	0.000		
	RELATIVE RISK		1.000	1.023	1.758	1.946	1.523	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1016	0.1916	0.4533	0.8342	0.8065	0.8242	0.0733	0.4375	0.8545	0.2852	0.7582
1971-74	OBS.	108	40	27	26	3	6	3	1	2		
	EXP.		48.2	29.0	19.2	5.3	3.2	1.3	0.7	1.1		
	OBS./EXP.		0.829	0.932	1.357	0.570	1.878	2.319	1.336	1.753		
	RELATIVE RISK		1.000	1.124	1.637	0.687	2.265	2.796	1.612	2.114		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0961	0.7100	0.1360	0.2096	0.3361	0.4748	0.1661	0.0644	0.3536	0.1653	0.0329
1975-78	OBS.	136	62	31	23	6	4	8	1	1		
	EXP.		60.4	37.1	23.9	6.4	4.1	1.7	0.9	1.4		
	OBS./EXP.		1.026	0.835	0.961	0.937	0.977	4.830	1.054	0.705		
	RELATIVE RISK		1.000	0.814	0.936	0.913	0.952	4.707	1.027	0.687		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6008	0.5975	0.5754	0.0017	0.4709	0.6860	0.6139	0.0718	0.6428	0.0006	0.0675

TABLE 9-23 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-23

HIROSHIMA, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T=65 TOTAL DOSE IN RAD								TREND,	
			A	B	C	D	E	F	G	H		
1950-78	OBS.	1632	692	392	331	92	62	29	11	23		
	EXP.		732.9	411.6	310.2	79.7	57.1	18.4	8.3	13.7		
	OBS./EXP.		0.944	0.952	1.067	1.154	1.086	1.573	1.318	1.679		
	RELATIVE RISK		1.000	1.009	1.130	1.222	1.150	1.666	1.395	1.778		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.0977	0.1056	0.2550	0.0332	0.2585	0.0351	0.0558	0.0699	0.0289	0.0051	0.0000
1950-54	OBS.	120	44	28	27	11	5	3	1	1		
	EXP.		54.0	29.8	23.1	6.0	4.0	1.4	0.7	1.0		
	OBS./EXP.		0.815	0.940	1.169	1.832	1.235	2.165	1.454	0.998		
	RELATIVE RISK		1.000	1.153	1.435	2.248	1.516	2.656	1.784	1.225		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.1675	0.0560	0.3646	0.2106	0.3198	0.3871	0.0743	0.1868	0.3829	0.2499	0.0657
1955-58	OBS.	161	79	35	30	5	4	4	2	2		
	EXP.		72.3	40.3	30.7	8.0	5.5	1.8	0.9	1.4		
	OBS./EXP.		1.093	0.868	0.977	0.624	0.724	2.164	2.213	1.425		
	RELATIVE RISK		1.000	0.794	0.894	0.571	0.662	1.980	2.025	1.304		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.6751	0.8410	0.7556	0.2505	0.4923	0.3858	0.7710	0.4882	0.3574	0.4281	0.1772
1959-62	OBS.	199	76	50	46	13	9	2	1	2		
	EXP.		89.3	50.1	37.7	9.8	7.0	2.3	1.1	1.7		
	OBS./EXP.		0.851	0.999	1.219	1.323	1.291	0.883	0.937	1.154		
	RELATIVE RISK		1.000	1.174	1.434	1.555	1.518	1.038	1.102	1.357		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.0941	0.1802	0.2490	0.4486	0.4130	0.3851	0.0684	0.2756	0.4097	0.5962	0.2071
1963-66	OBS.	224	96	55	41	17	8	4	1	2		
	EXP.		100.7	56.5	42.3	10.8	8.0	2.5	1.1	2.0		
	OBS./EXP.		0.953	0.973	0.968	1.574	1.003	1.576	0.905	1.014		
	RELATIVE RISK		1.000	1.021	1.016	1.652	1.052	1.654	0.950	1.064		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.4736	0.1043	0.4509	0.3387	0.5622	0.4398	0.2992	0.3999	0.4632	0.6916	0.2142
1967-70	OBS.	282	127	72	53	10	8	6	1	5		
	EXP.		126.6	71.1	53.9	13.5	10.0	3.2	1.3	2.4		
	OBS./EXP.		1.003	1.012	0.984	0.739	0.801	1.898	0.760	2.116		
	RELATIVE RISK		1.000	1.009	0.981	0.737	0.798	1.892	0.758	2.110		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.5480	0.7721	0.7190	0.1903	0.6503	0.1865	0.6444	0.4599	0.2725	0.4337	0.0959
1971-74	OBS.	303	140	61	64	15	12	2	3	6		
	EXP.		135.6	77.2	57.6	14.6	10.7	3.4	1.4	2.4		
	OBS./EXP.		1.032	0.790	1.110	1.027	1.118	0.589	2.208	2.505		
	RELATIVE RISK		1.000	0.765	1.076	1.027	1.083	0.570	2.139	2.427		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.3832	0.5191	0.4682	0.7689	0.2826	0.0966	0.4018	0.5683	0.0549	0.0852	0.0142
1975-78	OBS.	343	130	91	70	21	16	8	2	5		
	EXP.		153.9	87.9	65.2	16.5	12.1	3.6	1.5	2.4		
	OBS./EXP.		0.845	1.035	1.074	1.276	1.319	2.234	1.376	2.082		
	RELATIVE RISK		1.000	1.226	1.271	1.510	1.562	2.644	1.629	2.464		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	
	PROB.	0.1348	0.1230	0.1485	0.0396	0.3941	0.1228	0.0802	0.0368	0.1120	0.0324	0.0006

TABLE 9-24 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-24

HIROSHIMA, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	1368	638	337	242	72	48	18	5	8		
TOTAL	EXP.		624.7	352.8	255.0	70.9	36.7	13.4	6.2	8.3		
	OBS./EXP.		1.021	0.955	0.949	1.016	1.306	1.339	0.811	0.961		
	RELATIVE RISK		1.000	0.935	0.929	0.995	1.279	1.311	0.794	0.941		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7630	0.5225	0.1314	0.2417	0.6872	0.5817	0.7327	0.0891	0.6569	0.4322	0.1858
1950-54	OBS.	214	111	47	34	10	8	1	1	2		
	EXP.		97.1	56.5	38.9	10.7	6.3	2.0	1.0	1.5		
	OBS./EXP.		1.143	0.832	0.873	0.938	1.279	0.489	1.018	1.298		
	RELATIVE RISK		1.000	0.728	0.764	0.821	1.119	0.428	0.891	1.136		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8503	0.6983	0.4488	0.7968	0.6036	0.4178	0.8572	0.5912	0.4590	0.6086	0.4982
1955-58	OBS.	228	108	62	35	13	8	2	0	0		
	EXP.		103.7	59.4	42.0	11.7	6.4	2.3	1.0	1.4		
	OBS./EXP.		1.041	1.043	0.833	1.112	1.255	0.887	0.000	0.000		
	RELATIVE RISK		1.000	1.002	0.800	1.068	1.205	0.852	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8108	0.4631	0.4218	0.6209	0.8467	0.8692	0.7531	0.4805	0.9102	0.7129	0.8716
1959-62	OBS.	278	117	79	48	15	15	1	2	1		
	EXP.		126.6	71.4	51.8	15.0	7.6	2.7	1.3	1.6		
	OBS./EXP.		0.924	1.106	0.927	0.998	1.979	0.367	1.551	0.631		
	RELATIVE RISK		1.000	1.197	1.003	1.080	2.141	0.397	1.678	0.683		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4842	0.4839	0.0310	0.3107	0.3963	0.6895	0.4836	0.1042	0.4192	0.1427	0.2980
1963-66	OBS.	250	115	57	51	11	7	4	1	4		
	EXP.		114.5	63.4	47.2	13.0	6.7	2.7	1.1	1.4		
	OBS./EXP.		1.004	0.899	1.081	0.846	1.048	1.483	0.902	2.791		
	RELATIVE RISK		1.000	0.896	1.077	0.843	1.044	1.477	0.899	2.780		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4030	0.6905	0.4489	0.4064	0.5966	0.1260	0.4913	0.4228	0.2099	0.4710	0.0405
1967-70	OBS.	173	79	40	34	9	4	6	0	1		
	EXP.		80.3	43.3	32.5	9.1	4.3	1.8	0.7	1.0		
	OBS./EXP.		0.984	0.923	1.046	0.994	0.934	3.272	0.000	0.996		
	RELATIVE RISK		1.000	0.937	1.063	1.009	0.949	3.324	0.000	1.011		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4517	0.4672	0.5705	0.0310	0.8236	0.4427	0.4563	0.1790	0.7173	0.1532	0.1422
1971-74	OBS.	139	69	31	22	9	4	4	0	0		
	EXP.		64.2	34.9	26.8	7.1	3.2	1.3	0.6	0.8		
	OBS./EXP.		1.075	0.887	0.820	1.262	1.265	2.970	0.000	0.000		
	RELATIVE RISK		1.000	0.825	0.763	1.174	1.176	2.763	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8059	0.4495	0.4234	0.1256	0.8197	0.8325	0.7298	0.2118	0.8688	0.2417	0.3643
1975-78	OBS.	86	39	21	18	5	2	0	1	0		
	EXP.		38.4	22.2	17.4	4.6	1.9	0.7	0.5	0.3		
	OBS./EXP.		1.016	0.944	1.036	1.079	1.052	0.000	2.188	0.000		
	RELATIVE RISK		1.000	0.929	1.019	1.062	1.035	0.000	2.153	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4643	0.4357	0.4283	0.8250	0.2935	0.7941	0.4628	0.6617	0.3587	0.9685	0.6055

TABLE 9-25 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 9-25

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	917	181	328	193	70	69	34	17	25	
	EXP.		194.4	329.3	191.7	73.1	64.1	32.6	14.1	17.7	
	OBS./EXP.		0.931	0.996	1.007	0.957	1.077	1.043	1.203	1.410	
	RELATIVE RISK		1.000	1.070	1.081	1.028	1.156	1.120	1.292	1.515	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.3185	0.4617	0.2554	0.3714	0.2778	0.1008	0.3349	0.2481	0.0884	0.6480	0.0268
1950-54	OBS.	80	15	26	21	4	5	4	1	4	
	EXP.		15.9	30.3	18.8	5.8	4.6	2.2	1.0	1.4	
	OBS./EXP.		0.941	0.857	1.119	0.691	1.096	1.802	1.024	2.838	
	RELATIVE RISK		1.000	0.910	1.189	0.734	1.164	1.914	1.087	3.014	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.4475	0.6991	0.4266	0.3004	0.4122	0.1274	0.4541	0.3385	0.1268	0.3535	0.0131
1955-58	OBS.	100	19	45	23	4	4	1	1	3	
	EXP.		19.3	38.4	23.3	7.4	5.9	2.9	1.2	1.7	
	OBS./EXP.		0.984	1.172	0.989	0.540	0.622	0.345	0.830	1.791	
	RELATIVE RISK		1.000	1.191	1.004	0.549	0.693	0.350	0.844	1.819	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.4673	0.8312	0.7336	0.8286	0.6205	0.3760	0.6078	0.8132	0.4821	0.5772	0.6615
1959-62	OBS.	97	11	42	24	5	9	0	4	2	
	EXP.		20.1	35.3	20.7	7.9	6.5	3.2	1.4	1.9	
	OBS./EXP.		0.547	1.190	1.160	0.631	1.392	0.000	2.790	1.048	
	RELATIVE RISK		1.000	2.176	2.120	1.154	2.545	0.000	5.101	1.915	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.1017	0.4220	0.0917	0.8861	0.0392	0.4014	0.1425	0.2490	0.0769	0.0259	0.3803
1963-66	OBS.	121	25	42	25	16	3	6	0	4	
	EXP.		26.0	42.8	25.5	9.8	8.3	4.2	1.9	2.5	
	OBS./EXP.		0.960	0.982	0.980	1.636	0.360	1.422	0.000	1.627	
	RELATIVE RISK		1.000	1.023	1.021	1.704	0.375	1.481	0.000	1.694	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.4846	0.1347	0.9129	0.3493	0.3883	0.3485	0.3322	0.7422	0.5736	0.1333	0.4162
1967-70	OBS.	160	27	55	39	14	10	9	3	3	
	EXP.		35.6	55.7	32.0	13.1	11.8	6.1	2.6	3.2	
	OBS./EXP.		0.759	0.988	1.220	1.067	0.850	1.470	1.153	0.944	
	RELATIVE RISK		1.000	1.303	1.609	1.406	1.121	1.938	1.520	1.244	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.1147	0.2691	0.4552	0.1634	0.4432	0.4080	0.1090	0.2647	0.4187	0.6067	0.2914
1971-74	OBS.	179	39	67	28	14	20	6	1	4	
	EXP.		39.1	63.5	35.7	14.5	13.2	6.8	2.9	3.3	
	OBS./EXP.		0.997	1.055	0.784	0.966	1.510	0.881	0.346	1.225	
	RELATIVE RISK		1.000	1.059	0.786	0.959	1.515	0.884	0.347	1.228	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.7908	0.5580	0.1756	0.6301	0.3354	0.4231	0.7505	0.2901	0.6704	0.4395	0.3688
1975-78	OBS.	180	45	51	33	13	18	8	7	5	
	EXP.		40.1	62.0	34.6	15.0	14.3	7.4	3.2	3.5	
	OBS./EXP.		1.122	0.823	0.953	0.869	1.257	1.084	2.214	1.446	
	RELATIVE RISK		1.000	0.733	0.849	0.775	1.121	0.966	1.973	1.289	
TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.	0.7076	0.7465	0.4230	0.5426	0.1519	0.4382	0.7587	0.4654	0.1676	0.2264	0.0255

TABLE 9-26 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-26

NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78 OBS. TOTAL	9	2	2	1	0	1	3	0	0		
EXP.	1.8	3.5	2.3	0.6	0.4	0.2	0.1	0	0		
OBS./EXP. RELATIVE RISK	1.114 1.000	0.567 0.509	0.441 0.396	0.000 0.000	2.700 2.424	14.139 12.694	0.000 0.000	0.000 0.000	0.000 0.000		
TEST PROB.	A=C? 0.8038	A=D? 0.8401	A=E? 0.2939	A=F? 0.0229	A=G? 0.7743	A=H? 0.7855	A=CD? 0.8481	A=EF? 0.0932	A=GH? 0.7974	HOMO. 0.0000	TREND. 0.0099
1950-54 OBS. EXP.	0	0	0	0	0	0	0	0	0		
OBS./EXP. RELATIVE R											
TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58 OBS. EXP.	1	0	0	0	0	0	1	0	0		
EXP.	0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0		
OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.026 X	0.000 X	0.000 X		
TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0047
1959-62 OBS. EXP.	0	0	0	0	0	0	0	0	0		
OBS./EXP. RELATIVE R											
TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1963-66 OBS. EXP.	1	0	0	0	0	0	1	0	0		
EXP.	0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0		
OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	37.887 X	0.000 X	0.000 X		
TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0119
1967-70 OBS. EXP.	3	1	1	0	0	1	0	0	0		
EXP.	0.6	1.2	0.8	0.2	0.1	0.1	0.1	0.0	0.0		
OBS./EXP. RELATIVE RISK	1.702 1.000	0.850 0.499	0.000 0.000	0.000 0.000	0.000 0.000	7.955 4.673	0.000 0.000	0.000 0.000	0.000 0.000		
TEST PROB.	A=C? 0.9060	A=D? 0.8183	A=E? 0.2648	A=F? 0.7824	A=G? 0.7698	A=H? 0.7774	A=CD? 0.9243	A=EF? 0.2814	A=GH? 0.7859	HOMO. 0.3779	TREND. 0.3865
1971-74 OBS. EXP.	2	0	1	1	0	0	0	0	0		
EXP.	0.4	0.8	0.5	0.1	0.1	0.1	0.0	0.0	0.0		
OBS./EXP. RELATIVE RISK	0.000 X	1.271 X	2.005 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.9891	TREND. 0.6478
1975-78 OBS. EXP.	2	1	0	0	0	0	1	0	0		
EXP.	0.4	0.8	0.5	0.1	0.1	0.1	0.0	0.0	0.0		
OBS./EXP. RELATIVE RISK	2.471 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	22.530 9.120	0.000 0.000	0.000 0.000		
TEST PROB.	A=C? 0.9058	A=D? 0.8187	A=E? 0.7986	A=F? 0.2523	A=G? 0.7699	A=H? 0.7775	A=CD? 0.9244	A=EF? 0.2784	A=GH? 0.7861	HOMO. 0.0017	TREND. 0.0662

TABLE 9-27 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-27

NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	81	12	31	10	7	10	5	4	2		
	EXP.	17.3	28.8	13.2	6.5	8.4	4.2	1.2	1.5			
	OBS./EXP. RELATIVE RISK	0.696 1.000	1.077 1.548	0.755 1.085	1.082 1.555	1.195 1.717	1.202 1.728	3.441 4.947	1.297 1.864			
	TEST PROB.	A=C? 0.4395	A=D? 0.3278	A=E? 0.2380	A=F? 0.3176	A=G? 0.0385	A=H? 0.4122	A=CD? 0.4035	A=EF? 0.2008	A=GH? 0.0686	HOMO. 0.1796	TREND. 0.0339
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	4	1 0.8	1 1.4	2 0.6	0 0.3	0 0.4	0 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	1.180 1.000	0.695 0.589	3.081 2.610	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3540	A=D? 0.8241	A=E? 0.8406	A=F? 0.8084	A=G? 0.7744	A=H? 0.7747	A=CD? 0.3437	A=EF? 0.8686	A=GH? 0.7875	HOMO. 0.7754	TREND. 0.7988
1959-62	OBS. EXP.	4	0 0.8	3 1.4	0 0.7	0 0.3	0 0.4	0 0.2	1 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	0.000 X	2.088 X	0.000 X	0.000 X	0.000 X	0.000 X	17.569 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0059	TREND. 0.2320
1963-66	OBS. EXP.	6	1 1.3	2 2.1	1 1.0	1 0.5	1 0.6	0 0.3	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	0.777 1.000	0.948 1.220	1.019 1.312	2.069 2.663	1.595 2.053	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3583	A=D? 0.2885	A=E? 0.3071	A=F? 0.8079	A=G? 0.7746	A=H? 0.7749	A=CD? 0.3441	A=EF? 0.3616	A=GH? 0.7879	HOMO. 0.9868	TREND. 0.6188
1967-70	OBS. EXP.	16	2 3.4	8 5.6	2 2.6	1 1.3	1 1.7	2 0.8	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK	0.585 1.000	1.416 2.421	0.762 1.303	0.779 1.331	0.601 1.027	2.410 4.119	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3788	A=D? 0.3621	A=E? 0.4552	A=F? 0.3152	A=G? 0.7811	A=H? 0.7887	A=CD? 0.3828	A=EF? 0.4221	A=GH? 0.8058	HOMO. 0.7531	TREND. 0.5801
1971-74	OBS. EXP.	20	3 4.3	9 7.1	0 3.3	2 1.6	3 2.1	2 1.0	1 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK	0.703 1.000	1.276 1.817	0.000 0.000	1.240 1.766	1.443 2.054	1.942 2.763	3.433 4.886	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9231	A=D? 0.3657	A=E? 0.4580	A=F? 0.4222	A=G? 0.2642	A=H? 0.7942	A=CD? 0.7541	A=EF? 0.3040	A=GH? 0.2998	HOMO. 0.3570	TREND. 0.1992
1975-78	OBS. EXP.	31	5 6.6	8 11.0	5 5.1	3 2.5	5 3.2	1 1.6	2 0.4	2 0.6		
	OBS./EXP. RELATIVE RISK	0.758 1.000	0.727 0.959	0.977 1.288	1.208 1.594	1.563 2.062	0.639 0.843	4.628 6.106	3.348 4.417			
	TEST PROB.	A=C? 0.4163	A=D? 0.4142	A=E? 0.2968	A=F? 0.6279	A=G? 0.1472	A=H? 0.2211	A=CD? 0.4538	A=EF? 0.3827	A=GH? 0.0605	HOMO. 0.1169	TREND. 0.0051

TABLE 9-28 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-28

NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	151	36	40	24	15	17	13	3	3		
	EXP.		33.3	50.5	28.2	12.8	12.7	7.2	3.2	3.1		
	OBS./EXP. RELATIVE RISK		1.080 1.000	0.792 0.733	0.850 0.787	1.175 1.088	1.335 1.236	1.815 1.681	0.950 0.880	0.978 0.906		
	TEST PROB.	A=C? 0.7844	A=D? 0.4718	A=E? 0.3498	A=F? 0.1603	A=G? 0.6132	A=H? 0.6026	A=CD? 0.6986	A=EF? 0.1976	A=GH? 0.6176	HOMO. 0.1990	TREND. 0.0559
1950-54	OBS. EXP.	5	0 1.0	3 1.8	1 1.0	0 0.4	0 0.4	1 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.000 X	1.687 X	1.014 X	0.000 X	0.000 X	4.719 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? 0.2398	A=EF? 0.2398	A=GH? X	HOMO. 0.5629	TREND. 0.4423
1955-58	OBS. EXP.	9	2 1.8	6 3.4	0 1.9	0 0.7	0 0.6	0 0.3	0 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK		1.138 1.000	1.774 1.559	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	5.334 4.686		
	TEST PROB.	A=C? 0.9262	A=D? 0.8502	A=E? 0.8477	A=F? 0.8112	A=G? 0.7869	A=H? 0.2652	A=CD? 0.9489	A=EF? 0.8758	A=GH? 0.2904	HOMO. 0.2343	TREND. 0.3863
1959-62	OBS. EXP.	9	3 1.9	4 3.2	1 1.8	0 0.7	1 0.7	0 0.4	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		1.586 1.000	1.263 0.796	0.567 0.358	0.000 0.000	1.395 0.879	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8522	A=D? 0.8701	A=E? 0.5973	A=F? 0.8255	A=G? 0.7953	A=H? 0.7995	A=CD? 0.9019	A=EF? 0.7210	A=GH? 0.8267	HOMO. 0.9051	TREND. 0.8181
1963-66	OBS. EXP.	17	6 3.6	7 5.9	1 3.3	3 1.4	0 1.4	0 0.7	0 0.3	0 0.3		
	OBS./EXP. RELATIVE RISK		1.675 1.000	1.178 0.704	0.300 0.179	2.190 1.307	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9240	A=D? 0.3960	A=E? 0.9124	A=F? 0.8699	A=G? 0.8199	A=H? 0.8173	A=CD? 0.8254	A=EF? 0.9467	A=GH? 0.8587	HOMO. 0.3170	TREND. 0.9287
1967-70	OBS. EXP.	28	6 6.2	4 9.2	8 5.2	2 2.4	3 2.4	3 1.4	1 0.6	1 0.6		
	OBS./EXP. RELATIVE RISK		0.964 1.000	0.433 0.450	1.531 1.588	0.834 0.865	1.254 1.301	2.197 2.279	1.691 1.755	1.748 1.813		
	TEST PROB.	A=C? 0.3328	A=D? 0.6152	A=E? 0.3962	A=F? 0.3560	A=G? 0.3217	A=H? 0.3158	A=CD? 0.4361	A=EF? 0.3707	A=GH? 0.3816	HOMO. 0.4009	TREND. 0.0553
1971-74	OBS. EXP.	34	8 7.5	9 11.3	3 6.3	4 2.9	6 2.9	4 1.6	0 0.7	0 0.7		
	OBS./EXP. RELATIVE RISK		1.064 1.000	0.793 0.745	0.475 0.446	1.376 1.293	2.068 1.943	2.489 2.339	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8790	A=D? 0.4154	A=E? 0.2591	A=F? 0.2332	A=G? 0.8323	A=H? 0.8352	A=CD? 0.7641	A=EF? 0.1755	A=GH? 0.8796	HOMO. 0.1342	TREND. 0.2356
1975-78	OBS. EXP.	49	11 11.3	7 15.7	10 8.8	6 4.4	7 4.2	5 2.4	2 1.1	1 1.0		
	OBS./EXP. RELATIVE RISK		0.976 1.000	0.446 0.457	1.133 1.161	1.351 1.384	1.656 1.697	2.092 2.143	1.780 1.824	0.995 1.019		
	TEST PROB.	A=C? 0.4512	A=D? 0.4248	A=E? 0.2847	A=F? 0.2267	A=G? 0.3951	A=H? 0.4333	A=CD? 0.4379	A=EF? 0.1833	A=GH? 0.4189	HOMO. 0.1355	TREND. 0.0231

TABLE 9-29 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-29

NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	434	87	167	95	32	23	8	9	13		
	EXP.		95.6	152.9	89.4	35.1	29.4	14.8	7.2	9.5		
	OBS./EXP.		0.910	1.092	1.063	0.911	0.782	0.541	1.244	1.365		
	RELATIVE RISK		1.000	1.200	1.167	1.000	0.859	0.594	1.366	1.500		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2271	0.5235	0.7128	0.8666	0.3249	0.2003	0.2766	0.8354	0.1635	0.2491	0.5591
1950-54	OBS. EXP.	29	7	13	6	1	0	1	0	1		
			5.8	10.9	6.4	2.1	1.8	0.9	0.4	0.6		
	OBS./EXP.		1.199	1.190	0.940	0.475	0.000	1.096	0.000	1.613		
	RELATIVE RISK		1.000	0.992	0.784	0.396	0.000	0.916	0.000	1.345		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6593	0.8067	0.9048	0.5857	0.8152	0.3613	0.7423	0.8549	0.6482	0.8120	0.6988
1955-58	OBS. EXP.	30	4	14	9	0	2	0	1	0		
			6.0	11.3	6.6	2.2	1.8	0.9	0.5	0.6		
	OBS./EXP.		0.664	1.235	1.365	0.000	1.103	0.000	2.166	0.000		
	RELATIVE RISK		1.000	1.860	2.057	0.000	1.662	0.000	3.263	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2018	0.3886	0.3685	0.8264	0.2840	0.8103	0.3540	0.4310	0.3708	0.4620	0.7977
1959-62	OBS. EXP.	53	5	23	12	3	5	0	3	2		
			11.6	18.7	10.7	4.4	3.7	1.8	0.9	1.2		
	OBS./EXP.		0.432	1.230	1.119	0.675	1.352	0.000	3.422	1.709		
	RELATIVE RISK		1.000	2.847	2.588	1.562	3.129	0.000	7.918	3.955		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1039	0.4067	0.1524	0.8380	0.0322	0.2599	0.1381	0.2548	0.0322	0.0620	0.1348
1963-66	OBS. EXP.	59	9	22	13	9	1	3	0	2		
			13.2	20.5	11.9	5.0	4.1	2.1	1.0	1.3		
	OBS./EXP.		0.679	1.075	1.096	1.808	0.243	1.451	0.000	1.526		
	RELATIVE RISK		1.000	1.583	1.613	2.661	0.358	2.136	0.000	2.245		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2848	0.0917	0.8279	0.3322	0.8240	0.4700	0.1469	0.5630	0.3846	0.2520	0.4371
1967-70	OBS. EXP.	88	16	29	22	9	5	3	2	2		
			20.5	29.8	17.6	7.4	6.2	3.1	1.5	2.0		
	OBS./EXP.		0.781	0.972	1.254	1.219	0.812	0.955	1.347	1.017		
	RELATIVE RISK		1.000	1.245	1.605	1.561	1.040	1.223	1.725	1.302		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2289	0.2829	0.4560	0.4053	0.3909	0.3849	0.1769	0.4380	0.4343	0.8911	0.4256
1971-74	OBS. EXP.	89	21	35	19	6	4	0	0	4		
			20.6	30.6	18.2	7.0	6.1	3.1	1.5	1.8		
	OBS./EXP.		1.021	1.143	1.042	0.854	0.654	0.000	0.000	2.190		
	RELATIVE RISK		1.000	1.120	1.021	0.837	0.640	0.000	0.000	2.145		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4549	0.6557	0.7716	0.9305	0.8740	0.2370	0.5520	0.9036	0.4187	0.2621	0.6872
1975-78	OBS. EXP.	86	25	31	14	4	6	1	3	2		
			19.6	29.7	17.7	7.0	6.0	3.0	1.4	1.7		
	OBS./EXP.		1.277	1.043	0.793	0.571	1.004	0.338	2.094	1.191		
	RELATIVE RISK		1.000	0.817	0.620	0.447	0.786	0.265	1.640	0.932		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8624	0.8929	0.6971	0.8825	0.4375	0.5704	0.9161	0.8307	0.4531	0.4534	0.5221

TABLE 9-30 ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA

TABLE 9-30

NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAO										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	242	44	88	63	16	18	5	1	7		
TOTAL	EXP.		46.4	93.6	58.5	18.1	13.2	6.3	2.5	3.4		
	OBS./EXP.		0.948	0.941	1.077	0.882	1.365	0.796	0.401	2.034		
	RELATIVE RISK		1.000	0.992	1.136	0.930	1.439	0.840	0.423	2.145		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3723	0.5701	0.2066	0.6485	0.7903	0.1422	0.4177	0.3069	0.3301	0.3578	0.1042
1950-54	OBS.	46	8	10	14	3	5	2	1	3		
	EXP.		9.1	17.6	11.4	3.3	2.4	1.1	0.4	0.7		
	OBS./EXP.		0.883	0.567	1.228	0.913	2.084	1.824	2.286	4.388		
	RELATIVE RISK		1.000	0.642	1.391	1.034	2.360	2.065	2.588	4.968		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4075	0.4411	0.2080	0.4178	0.2895	0.0795	0.4228	0.1811	0.0822	0.0223	0.0002
1955-58	OBS.	54	12	24	12	4	2	0	0	2		
	EXP.		10.5	21.8	13.9	4.1	3.0	1.4	0.5	0.8		
	OBS./EXP.		1.147	1.099	0.863	0.966	0.677	0.000	0.000	2.593		
	RELATIVE RISK		1.000	0.959	0.753	0.843	0.591	0.000	0.000	2.261		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7159	0.6339	0.7496	0.8793	0.8171	0.4906	0.7211	0.8546	0.3823	0.6678	0.5446
1959-62	OBS.	31	3	12	11	2	3	0	0	0		
	EXP.		5.8	12.0	7.5	2.4	1.6	0.8	0.3	0.5		
	OBS./EXP.		0.517	1.001	1.457	0.820	1.828	0.000	0.000	0.000		
	RELATIVE RISK		1.000	1.936	2.818	1.586	3.535	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2079	0.3641	0.2258	0.8091	0.7830	0.7939	0.2238	0.3568	0.8116	0.5683	0.7474
1963-66	OBS.	38	9	11	10	3	1	2	0	2		
	EXP.		7.7	13.9	9.1	2.9	2.2	1.1	0.5	0.7		
	OBS./EXP.		1.164	0.793	1.101	1.040	0.457	1.872	0.000	2.946		
	RELATIVE RISK		1.000	0.681	0.945	0.893	0.393	1.608	0.000	2.531		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5899	0.5612	0.3118	0.3786	0.8191	0.4523	0.5902	0.6610	0.3776	0.5974	0.1657
1967-70	OBS.	25	2	13	7	2	0	1	0	0		
	EXP.		4.9	9.8	5.8	1.9	1.4	0.7	0.3	0.3		
	OBS./EXP.		0.410	1.330	1.208	1.072	0.000	1.402	0.000	0.000		
	RELATIVE RISK		1.000	3.241	2.945	2.612	0.000	3.417	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2243	0.4280	0.8401	0.2762	0.7743	0.7817	0.2186	0.4063	0.7935	0.6344	0.8048
1971-74	OBS.	34	7	13	5	2	7	0	0	0		
	EXP.		6.4	13.7	7.4	2.8	2.1	1.0	0.4	0.4		
	OBS./EXP.		1.102	0.951	0.678	0.710	3.396	0.000	0.000	0.000		
	RELATIVE RISK		1.000	0.863	0.616	0.644	3.082	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7858	0.7242	0.0916	0.8578	0.8060	0.8039	0.7939	0.2259	0.8374	0.0364	0.4424
1975-78	OBS.	12	3	5	4	0	0	0	0	0		
	EXP.		2.3	4.8	2.5	0.9	0.8	0.4	0.2	0.1		
	OBS./EXP.		1.322	1.052	1.584	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000	0.796	1.198	0.000	0.000	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3944	0.8681	0.8681	0.8356	0.7877	0.7838	0.5778	0.9031	0.8057	0.8238	0.9033

TABLE 10-1 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2967	1180	793	572	164	113	68	27	48		
	EXP.	1202.4	824.3	562.4	164.1	115.4	46.6	21.4	30.4			
	OBS./EXP. RELATIVE RISK	0.981 1.000	0.962 0.980	1.017 1.036	1.011 1.031	0.979 0.997	1.458 1.486	1.264 1.288	1.581 1.611			
	TEST PROB.	A=C? 0.3231	A=0? 0.3852	A=E? 0.4359	A=F? 0.0082	A=G? 0.1668	A=H? 0.0083	A=CO? 0.3203	A=EF? 0.0814	A=GH? 0.0069	HOMO. 0.0013	TREND. 0.0000
1950-54	OBS. EXP.	305	137 123.7	70 85.9	51 58.6	18 16.5	15 11.2	7 4.2	3 2.0	4 3.1		
	OBS./EXP. RELATIVE RISK	1.108 1.000	0.815 0.736	0.871 0.786	1.094 0.988	1.337 1.207	1.678 1.515	1.523 1.375	1.309 1.182			
	TEST PROB.	A=C? 0.8648	A=0? 0.4648	A=E? 0.3101	A=F? 0.2694	A=G? 0.4640	A=H? 0.4254	A=CO? 0.8259	A=EF? 0.2237	A=GH? 0.3975	HOMO. 0.2111	TREND. 0.0477
1955-58	OBS. EXP.	357	148 144.5	105 100.1	67 69.1	19 19.6	6 13.0	6 5.0	3 2.3	3 3.4		
	OBS./EXP. RELATIVE RISK	1.024 1.000	1.049 1.024	0.970 0.947	0.959 0.947	0.462 0.451	1.200 1.172	1.306 1.275	0.877 0.857			
	TEST PROB.	A=C? 0.6221	A=0? 0.5873	A=E? 0.9268	A=F? 0.4735	A=G? 0.4103	A=H? 0.6336	A=CO? 0.6219	A=EF? 0.8403	A=GH? 0.4758	HOMO. 0.7023	TREND. 0.7025
1959-62	OBS. EXP.	406	159 170.1	114 109.6	74 76.9	25 22.8	21 14.6	3 5.6	4 2.6	6 3.7		
	OBS./EXP. RELATIVE RISK	0.935 1.000	1.040 1.113	0.962 1.029	1.096 1.173	1.438 1.538	0.535 0.573	1.521 1.628	1.622 1.735			
	TEST PROB.	A=C? 0.4586	A=0? 0.2713	A=E? 0.0755	A=F? 0.7523	A=G? 0.2967	A=H? 0.2063	A=CO? 0.3667	A=EF? 0.1636	A=GH? 0.1347	HOMO. 0.3778	TREND. 0.0746
1963-66	OBS. EXP.	453	187 185.2	119 124.0	86 86.2	26 25.3	12 17.4	11 7.2	1 3.2	11 4.6		
	OBS./EXP. RELATIVE RISK	1.010 1.000	0.960 0.950	0.998 0.988	1.028 1.018	0.691 0.684	1.534 1.519	0.310 0.307	2.377 2.354			
	TEST PROB.	A=C? 0.4914	A=0? 0.5426	A=E? 0.8344	A=F? 0.2110	A=G? 0.8561	A=H? 0.0329	A=CO? 0.5332	A=EF? 0.6055	A=GH? 0.1853	HOMO. 0.0455	TREND. 0.0333
1967-70	OBS. EXP.	452	177 183.9	126 123.6	86 85.3	24 25.2	16 18.2	13 7.7	2 3.3	8 4.8		
	OBS./EXP. RELATIVE RISK	0.962 1.000	1.019 1.059	1.008 1.047	0.953 0.990	0.879 0.913	1.696 1.742	0.606 0.630	1.683 1.749			
	TEST PROB.	A=C? 0.4622	A=0? 0.5175	A=E? 0.5779	A=F? 0.1085	A=G? 0.7288	A=H? 0.1532	A=CO? 0.4895	A=EF? 0.3069	A=GH? 0.3072	HOMO. 0.4119	TREND. 0.0759
1971-74	OBS. EXP.	483	192 192.7	125 135.7	92 91.2	28 26.7	22 19.7	12 8.3	5 3.7	7 5.0		
	OBS./EXP. RELATIVE RISK	0.996 1.000	0.921 0.925	1.009 1.012	1.044 1.052	1.117 1.122	1.451 1.457	1.365 1.371	1.398 1.403			
	TEST PROB.	A=C? 0.4675	A=0? 0.4812	A=E? 0.3729	A=F? 0.1977	A=G? 0.3577	A=H? 0.2778	A=CO? 0.4550	A=EF? 0.2300	A=GH? 0.1905	HOMO. 0.7529	TREND. 0.0363
1975-78	OBS. EXP.	511	180 203.3	134 144.5	116 95.8	26 28.0	21 21.4	16 8.8	9 4.0	9 5.2		
	OBS./EXP. RELATIVE RISK	0.885 1.000	0.927 1.047	1.211 1.368	0.924 1.048	0.982 1.109	1.828 2.065	2.229 2.518	1.741 1.967			
	TEST PROB.	A=C? 0.0411	A=0? 0.4468	A=E? 0.4114	A=F? 0.0189	A=G? 0.0373	A=H? 0.1025	A=CO? 0.0603	A=EF? 0.0844	A=GH? 0.0144	HOMO. 0.0015	TREND. 0.0002

TABLE 10-2 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR CLASS	T-65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	28	13	7	3	1	0	3	0	1		
	EXP.		11.5	8.2	5.5	1.3	0.7	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.126 1.000	0.850 0.755	0.541 0.480	0.771 0.685	0.000 0.000	9.032 8.023	0.000 0.000	4.712 4.186		
	TEST PROB.	A=C? 0.8561	A=D? 0.6961	A=E? 0.8398	A=F? 0.0688	A=G? 0.7813	A=H? 0.2696	A=CD? 0.8462	A=EF? 0.4064	A=GH? 0.2938	HOMO. 0.0004	TREND. 0.0045
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	RELATIVE RISK		0.2 0.000	0.4 0.000	0.3 0.000	0.1 0.000	0.0 0.000	0.0 44.026	0.0 0.000	0.0 0.000		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0051
1959-62	OBS. EXP.	1	1	0	0	0	0	0	0	0		
	RELATIVE RISK		0.5 1.139 1.000	0.3 0.000 0.000	0.2 0.000 0.000	0.0 0.000 0.000	0.0 0.000 0.000	0.0 0.000 0.000	0.0 0.000 0.000	0.0 0.000 0.000		
	TEST PROB.	A=C? 0.8266	A=D? 0.7782	A=E? 0.7703	A=F? 0.7645	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.7743	A=GH? 0.7645	HOMO. 0.9923	TREND. 0.5954
1963-66	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	RELATIVE RISK		0.2 0.000	0.4 0.000	0.3 0.000	0.1 0.000	0.0 0.000	0.0 37.887	0.0 0.000	0.0 0.000		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0134
1967-70	OBS. EXP.	5	3	1	0	0	0	0	0	1		
	RELATIVE RISK		2.1 1.437 1.000	1.5 0.688 0.478	1.0 0.000 0.000	0.2 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.0 0.000 0.000	0.0 27.501 19.140		
	TEST PROB.	A=C? 0.9107	A=D? 0.8229	A=E? 0.8007	A=F? 0.7834	A=G? 0.7704	A=H? 0.2457	A=CD? 0.9262	A=EF? 0.8175	A=GH? 0.2504	HOMO. 0.0003	TREND. 0.0007
1971-74	OBS. EXP.	8	2	4	2	0	0	0	0	0		
	RELATIVE RISK		3.5 0.573 1.000	2.3 1.765 3.080	1.5 1.302 2.273	0.4 0.000 0.000	0.2 0.000 0.000	0.1 0.000 0.000	0.0 0.000 0.000	0.0 0.000 0.000		
	TEST PROB.	A=C? 0.3541	A=D? 0.7865	A=E? 0.7738	A=F? 0.7663	A=G? 0.7629	A=H? 0.7636	A=CD? 0.3560	A=EF? 0.7792	A=GH? 0.7662	HOMO. 0.9001	TREND. 0.7178
1975-78	OBS. EXP.	12	7	2	1	1	0	1	0	0		
	RELATIVE RISK		5.1 1.370 1.000	3.5 0.579 0.423	2.3 0.427 0.312	0.5 1.837 1.340	0.3 0.000 0.000	0.1 7.707 5.625	0.1 0.000 0.000	0.1 0.000 0.000		
	TEST PROB.	A=C? 0.8585	A=D? 0.3704	A=E? 0.8112	A=F? 0.2704	A=G? 0.7728	A=H? 0.7803	A=CD? 0.7918	A=EF? 0.3710	A=GH? 0.7909	HOMO. 0.2715	TREND. 0.2995

TABLE 10-3 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	115	28	41	18	4	7	5	7	5		
	EXP.		41.1	36.8	18.2	6.1	6.7	3.1	1.2	1.7		
	OBS./EXP. RELATIVE RISK		0.681 1.000	1.115 1.638	0.987 1.451	0.653 0.960	1.051 1.544	1.611 2.368	5.670 8.331	2.890 4.247		
	TEST PROB.	A=C? 0.1840	A=D? 0.4354	A=E? 0.2412	A=F? 0.1212	A=G? 0.0000	A=H? 0.0119	A=CD? 0.2287	A=EF? 0.1288	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	5	1	4	0	0	0	0	0	0		
	RELATIVE RISK		2.0	1.4	0.8	0.2	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.491 1.000	2.775 5.651	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8267	A=D? 0.7803	A=E? 0.7755	A=F? 0.7662	A=G? 0.7652	A=H? 0.7648	A=CD? 0.8393	A=EF? 0.7808	A=GH? 0.7697	HOMO. 0.4657	TREND. 0.7787
1959-62	OBS. EXP.	2	0	1	0	0	0	0	1	0		
	RELATIVE RISK		0.4	0.7	0.3	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	1.392 X	0.000 X	0.000 X	0.000 X	0.000 X	35.138 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0173
1963-66	OBS. EXP.	10	3	4	1	0	2	0	0	0		
	RELATIVE RISK		3.8	3.0	1.6	0.5	0.5	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.783 1.000	1.331 1.701	0.614 0.785	0.000 0.000	3.772 4.819	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.5639	A=D? 0.7917	A=E? 0.2101	A=F? 0.7720	A=G? 0.7683	A=H? 0.7715	A=CD? 0.6513	A=EF? 0.3101	A=GH? 0.7789	HOMO. 0.5498	TREND. 0.4906
1967-70	OBS. EXP.	20	5	9	2	0	1	2	0	1		
	RELATIVE RISK		6.6	6.5	3.2	1.2	1.3	0.6	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.753 1.000	1.394 1.852	0.617 0.820	0.000 0.000	0.759 1.009	3.239 4.305	0.000 0.000	3.145 4.180		
	TEST PROB.	A=C? 0.6167	A=D? 0.8376	A=E? 0.4038	A=F? 0.2664	A=G? 0.7801	A=H? 0.2590	A=CD? 0.7155	A=EF? 0.4581	A=GH? 0.2781	HOMO. 0.3297	TREND. 0.1230
1971-74	OBS. EXP.	34	10	11	4	2	2	2	3	0		
	RELATIVE RISK		12.2	10.8	5.4	1.8	1.9	0.9	0.4	0.5		
	OBS./EXP. RELATIVE RISK		0.817 1.000	1.016 1.244	0.740 0.906	1.106 1.355	1.028 1.259	2.228 2.728	8.202 10.043	0.000 0.000		
	TEST PROB.	A=C? 0.4759	A=D? 0.3935	A=E? 0.3736	A=F? 0.4322	A=G? 0.0084	A=H? 0.8019	A=CD? 0.4386	A=EF? 0.4213	A=GH? 0.0952	HOMO. 0.0028	TREND. 0.0216
1975-78	OBS. EXP.	44	9	12	11	2	2	1	3	4		
	RELATIVE RISK		16.0	14.2	6.8	2.2	2.4	1.1	0.4	0.6		
	OBS./EXP. RELATIVE RISK		0.562 1.000	0.842 1.498	1.609 2.861	0.892 1.587	0.819 1.454	0.880 1.564	6.804 12.102	6.259 11.132		
	TEST PROB.	A=C? 0.0623	A=D? 0.3959	A=E? 0.3689	A=F? 0.2883	A=G? 0.0041	A=H? 0.0005	A=CD? 0.0773	A=EF? 0.4755	A=GH? 0.0000	HOMO. 0.0000	TREND. 0.0000

TABLE 10-4 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-4

HIROSHINA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR CLASS	TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. 362 EXP. 141.6	127 141.6	100 103.2	73 64.0	18 20.6	16 16.0	19 7.9	4 3.9	5 4.7			
	OBS./EXP. RELATIVE RISK	0.897 1.000	0.969 1.080	1.141 1.272	0.872 0.973	0.999 1.114	2.392 2.667	1.029 1.147	1.053 1.174			
	TEST PROB.	A=C? 0.1237	A=D? 0.6022	A=E? 0.4342	A=F? 0.0045	A=G? 0.4255	A=H? 0.4387	A=CD? 0.1988	A=EF? 0.0455	A=GH? 0.4569	HOMO. 0.0082	TREND. 0.0328
1950-54 TOTAL	OBS. 14 EXP. 5.8	6 5.8	6 3.9	1 2.5	0 0.6	0 0.5	1 0.3	0 0.1	0 0.2			
	OBS./EXP. RELATIVE RISK	1.038 1.000	1.544 1.688	0.401 0.387	0.000 0.000	0.000 0.000	3.980 3.835	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.7996	A=D? 0.8267	A=E? 0.8045	A=F? 0.2707	A=G? 0.7720	A=H? 0.7779	A=CD? 0.8460	A=EF? 0.3924	A=GH? 0.7884	HOMO. 0.5538	TREND. 0.6340
1955-58 TOTAL	OBS. 19 EXP. 7.5	6 7.5	6 5.4	4 3.6	2 1.1	0 0.7	1 0.3	0 0.2	0 0.2			
	OBS./EXP. RELATIVE RISK	0.804 1.000	1.101 1.370	1.128 1.401	1.861 2.316	0.000 0.000	3.143 3.912	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4363	A=D? 0.4514	A=E? 0.8328	A=F? 0.2672	A=G? 0.7822	A=H? 0.7886	A=CD? 0.3342	A=EF? 0.3761	A=GH? 0.8063	HOMO. 0.8009	TREND. 0.5331
1959-62 TOTAL	OBS. 26 EXP. 10.5	9 10.5	9 7.3	2 4.7	0 1.5	3 1.0	0 0.5	1 0.3	2 0.3			
	OBS./EXP. RELATIVE RISK	0.860 1.000	1.235 1.435	0.428 0.497	0.000 0.000	2.873 3.339	0.000 0.000	3.988 4.636	6.151 7.149			
	TEST PROB.	A=C? 0.8001	A=D? 0.8654	A=E? 0.1291	A=F? 0.8063	A=G? 0.2618	A=H? 0.0906	A=CD? 0.8611	A=EF? 0.2297	A=GH? 0.0372	HOMO. 0.0090	TREND. 0.0019
1963-66 TOTAL	OBS. 59 EXP. 23.6	21 23.6	19 16.8	11 10.6	2 3.2	1 2.4	3 1.2	0 0.6	2 0.7			
	OBS./EXP. RELATIVE RISK	0.891 1.000	1.134 1.272	1.042 1.168	0.616 0.691	0.418 0.469	2.598 2.914	0.000 0.000	2.672 2.998			
	TEST PROB.	A=C? 0.4396	A=D? 0.7894	A=E? 0.8282	A=F? 0.2774	A=G? 0.8292	A=H? 0.3604	A=CD? 0.4599	A=EF? 0.4189	A=GH? 0.3795	HOMO. 0.3752	TREND. 0.1446
1967-70 TOTAL	OBS. 59 EXP. 22.8	18 22.8	14 16.8	16 10.3	5 3.4	2 2.8	3 1.4	1 0.7	0 0.8			
	OBS./EXP. RELATIVE RISK	0.788 1.000	0.831 1.055	1.557 1.975	1.474 1.871	0.725 0.920	2.125 2.697	1.487 1.887	0.000 0.000			
	TEST PROB.	A=C? 0.1049	A=D? 0.2720	A=E? 0.4569	A=F? 0.3364	A=G? 0.3226	A=H? 0.8192	A=CD? 0.0988	A=EF? 0.4438	A=GH? 0.6367	HOMO. 0.2888	TREND. 0.3746
1971-74 TOTAL	OBS. 75 EXP. 29.0	26 29.0	19 21.5	15 13.2	5 4.3	6 3.4	4 1.7	0 0.8	0 1.0			
	OBS./EXP. RELATIVE RISK	0.896 1.000	0.884 0.987	1.135 1.267	1.156 1.290	1.752 1.956	2.367 2.643	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.2896	A=D? 0.4646	A=E? 0.2232	A=F? 0.1724	A=G? 0.8238	A=H? 0.8354	A=CD? 0.2758	A=EF? 0.1339	A=GH? 0.8739	HOMO. 0.3290	TREND. 0.3870
1975-78 TOTAL	OBS. 110 EXP. 42.4	41 42.4	27 31.6	24 19.2	4 6.4	4 5.1	7 2.5	2 1.3	1 1.5			
	OBS./EXP. RELATIVE RISK	0.967 1.000	0.854 0.883	1.249 1.292	0.625 0.646	0.788 0.815	2.775 2.871	1.565 1.619	0.682 0.706			
	TEST PROB.	A=C? 0.3060	A=D? 0.7739	A=E? 0.6357	A=F? 0.0321	A=G? 0.3918	A=H? 0.6686	A=CD? 0.4628	A=EF? 0.1879	A=GH? 0.4132	HOMO. 0.1132	TREND. 0.1856

TABLE 10-5 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1349	521	359	278	76	56	23	11	25		
	EXP.	542.8	368.6	258.9	74.6	57.1	21.6	10.1	15.3			
	OBS./EXP.	0.960	0.974	1.074	1.019	0.981	1.065	1.090	1.634			
	RELATIVE RISK	1.000	1.015	1.119	1.061	1.022	1.110	1.136	1.702			
	TEST PROB.	A=C? 0.1379	A=D? 0.3419	A=E? 0.4376	A=F? 0.3210	A=G? 0.3993	A=H? 0.0328	A=CD? 0.1424	A=EF? 0.3178	A=GH? 0.0464	HOMO. 0.2515	TREND. 0.0122
1950-54	OBS. EXP.	93	35 37.8	24 25.2	18 17.8	7 5.1	4 3.8	3 1.5	1 0.7	1 1.1		
	OBS./EXP.	0.927	0.927	0.951	1.010	1.375	1.045	2.060	1.365	0.927		
	RELATIVE RISK	1.000	1.000	1.026	1.089	1.484	1.127	2.223	1.473	1.000		
	TEST PROB.	A=C? 0.4382	A=D? 0.2879	A=E? 0.4217	A=F? 0.2732	A=G? 0.3336	A=H? 0.5522	A=CD? 0.3378	A=EF? 0.3010	A=GH? 0.3976	HOMO. 0.9051	TREND. 0.1944
1955-58	OBS. EXP.	130	54 53.8	33 35.0	28 24.8	5 6.9	4 5.2	2 1.9	3 0.9	1 1.4		
	OBS./EXP.	1.004	1.004	0.942	1.130	0.720	0.771	1.049	3.182	0.495		
	RELATIVE RISK	1.000	1.000	0.938	1.125	0.716	0.768	1.044	3.168	0.492		
	TEST PROB.	A=C? 0.4024	A=D? 0.7056	A=E? 0.6591	A=F? 0.4036	A=G? 0.1473	A=H? 0.6639	A=CD? 0.4739	A=EF? 0.5926	A=GH? 0.3198	HOMO. 0.5401	TREND. 0.3613
1959-62	OBS. EXP.	169	60 68.0	46 46.1	38 32.2	12 9.5	7 7.2	2 2.7	1 1.3	3 2.0		
	OBS./EXP.	0.882	0.882	0.999	1.179	1.262	0.972	0.736	0.777	1.532		
	RELATIVE RISK	1.000	1.000	1.133	1.337	1.431	1.102	0.834	0.881	1.737		
	TEST PROB.	A=C? 0.1606	A=D? 0.1919	A=E? 0.4430	A=F? 0.5662	A=G? 0.4901	A=H? 0.3790	A=CD? 0.1160	A=EF? 0.4473	A=GH? 0.4204	HOMO. 0.8332	TREND. 0.2790
1963-66	OBS. EXP.	184	72 73.4	47 50.4	35 34.9	16 10.4	5 8.2	5 3.1	0 1.4	4 2.2		
	OBS./EXP.	0.981	0.981	0.933	1.004	1.535	0.611	1.605	0.000	1.789		
	RELATIVE RISK	1.000	1.000	0.952	1.024	1.565	0.623	1.637	0.000	1.824		
	TEST PROB.	A=C? 0.4896	A=D? 0.1438	A=E? 0.7638	A=F? 0.2548	A=G? 0.8558	A=H? 0.2653	A=CD? 0.3137	A=EF? 0.5407	A=GH? 0.4241	HOMO. 0.2945	TREND. 0.2031
1967-70	OBS. EXP.	241	100 97.0	68 65.3	45 46.4	9 13.4	11 10.4	2 4.0	1 1.8	5 2.8		
	OBS./EXP.	1.031	1.031	1.041	0.970	0.671	1.060	0.503	0.569	1.814		
	RELATIVE RISK	1.000	1.000	1.009	0.941	0.650	1.028	0.488	0.552	1.759		
	TEST PROB.	A=C? 0.6595	A=D? 0.8450	A=E? 0.4562	A=F? 0.8093	A=G? 0.7367	A=H? 0.2544	A=CD? 0.7682	A=EF? 0.6396	A=GH? 0.4062	HOMO. 0.6696	TREND. 0.4554
1971-74	OBS. EXP.	254	101 101.7	65 69.9	53 49.0	13 13.9	11 10.9	2 4.2	2 1.8	7 2.7		
	OBS./EXP.	0.994	0.994	0.930	1.081	0.937	1.009	0.482	1.118	2.570		
	RELATIVE RISK	1.000	1.000	0.936	1.088	0.943	1.015	0.485	1.125	2.587		
	TEST PROB.	A=C? 0.3566	A=D? 0.5639	A=E? 0.4554	A=F? 0.7837	A=G? 0.3903	A=H? 0.0417	A=CD? 0.4101	A=EF? 0.5843	A=GH? 0.0634	HOMO. 0.2798	TREND. 0.0641
1975-78	OBS. EXP.	278	99 112.0	76 76.8	61 53.8	14 15.0	14 11.7	7 4.2	3 1.8	4 2.7		
	OBS./EXP.	0.884	0.884	0.990	1.134	0.930	1.196	1.664	1.635	1.506		
	RELATIVE RISK	1.000	1.000	1.120	1.283	1.053	1.353	1.882	1.849	1.704		
	TEST PROB.	A=C? 0.1566	A=D? 0.4592	A=E? 0.3145	A=F? 0.1617	A=G? 0.3842	A=H? 0.3461	A=CD? 0.1709	A=EF? 0.1473	A=GH? 0.2219	HOMO. 0.4825	TREND. 0.0258

TABLE 10-6 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1113	491	286	200	67	34	18	5	12		
	EXP.	465.3	307.5	215.7	61.5	35.0	13.7	6.0	8.4			
	OBS./EXP. RELATIVE RISK	1.055 1.000	0.930 0.882	0.927 0.879	1.090 1.033	0.972 0.921	1.317 1.248	0.831 0.787	1.435 1.360			
	TEST PROB.	A=C? 0.8953	A=D? 0.4619	A=E? 0.6387	A=F? 0.2900	A=G? 0.6918	A=H? 0.2862	A=CD? 0.8443	A=EF? 0.4839	A=GH? 0.4367	HOMO. 0.3491	TREND. 0.1282
1950-54	OBS. EXP.	198 80.1	96 56.8	40 38.3	32 10.6	11 6.9	11 2.5	3 1.1	2 1.8	3 1.8		
	OBS./EXP. RELATIVE RISK	1.198 1.000	0.705 0.588	0.836 0.698	1.037 0.866	1.603 1.338	1.218 1.017	1.801 1.504	1.662 1.387			
	TEST PROB.	A=C? 0.9179	A=D? 0.6394	A=E? 0.2977	A=F? 0.4480	A=G? 0.3869	A=H? 0.4269	A=CD? 0.9064	A=EF? 0.3360	A=GH? 0.3857	HOMO. 0.0613	TREND. 0.0629
1955-58	OBS. EXP.	202 81.1	87 57.8	62 39.6	35 11.3	12 6.8	2 2.7	0 1.1	2 1.7	2 1.7		
	OBS./EXP. RELATIVE RISK	1.073 1.000	1.072 0.999	0.883 0.823	1.065 0.992	0.294 0.274	0.753 0.701	0.000 0.000	1.210 1.127			
	TEST PROB.	A=C? 0.7838	A=D? 0.5640	A=E? 0.9375	A=F? 0.7109	A=G? 0.8583	A=H? 0.4502	A=CD? 0.7520	A=EF? 0.9263	A=GH? 0.7441	HOMO. 0.5197	TREND. 0.8964
1959-62	OBS. EXP.	208 90.7	89 55.3	58 39.5	34 11.6	13 6.1	11 2.3	1 1.1	1 1.4	1 1.4		
	OBS./EXP. RELATIVE RISK	0.981 1.000	1.049 1.069	0.861 0.877	1.116 1.138	1.794 1.828	0.438 0.447	0.945 0.963	0.729 0.743			
	TEST PROB.	A=C? 0.7169	A=D? 0.4189	A=E? 0.0957	A=F? 0.7729	A=G? 0.4629	A=H? 0.6466	A=CD? 0.6462	A=EF? 0.1984	A=GH? 0.6053	HOMO. 0.5598	TREND. 0.4422
1963-66	OBS. EXP.	199 84.1	91 53.5	49 38.9	39 11.0	8 6.2	4 2.6	2 1.1	5 1.5	5 1.5		
	OBS./EXP. RELATIVE RISK	1.081 1.000	0.916 0.847	1.004 0.928	0.725 0.670	0.643 0.595	0.761 0.703	0.891 0.824	3.349 3.097			
	TEST PROB.	A=C? 0.6397	A=D? 0.8281	A=E? 0.8169	A=F? 0.7186	A=G? 0.6387	A=H? 0.0798	A=CD? 0.7460	A=EF? 0.8352	A=GH? 0.1605	HOMO. 0.1346	TREND. 0.1409
1967-70	OBS. EXP.	127 55.4	51 33.6	34 24.4	23 7.0	10 3.6	6 1.6	0 0.6	1 0.8	1 0.8		
	OBS./EXP. RELATIVE RISK	0.921 1.000	1.013 1.100	0.942 1.022	1.435 1.557	0.550 0.597	3.743 4.063	0.000 0.000	1.189 1.290			
	TEST PROB.	A=C? 0.4641	A=D? 0.2067	A=E? 0.7127	A=F? 0.0088	A=G? 0.8076	A=H? 0.3429	A=CD? 0.3759	A=EF? 0.1658	A=GH? 0.6106	HOMO. 0.0317	TREND. 0.0806
1971-74	OBS. EXP.	112 46.3	53 31.2	26 22.0	18 6.4	8 3.2	4 1.4	0 0.6	0 0.7	0 0.7		
	OBS./EXP. RELATIVE RISK	1.144 1.000	0.833 0.728	0.816 0.714	1.257 1.099	0.928 0.812	2.769 2.421	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8605	A=D? 0.4469	A=E? 0.7046	A=F? 0.1951	A=G? 0.8328	A=H? 0.8378	A=CD? 0.7978	A=EF? 0.4272	A=GH? 0.8811	HOMO. 0.2507	TREND. 0.4753
1975-78	OBS. EXP.	67 27.8	24 18.4	17 13.6	19 13.6	5 3.8	1 1.9	0 0.8	1 0.4	0 0.3		
	OBS./EXP. RELATIVE RISK	0.863 1.000	0.922 1.068	1.397 1.618	1.321 1.529	0.534 0.618	0.000 0.000	2.340 2.710	0.000 0.000			
	TEST PROB.	A=C? 0.1760	A=D? 0.3154	A=E? 0.6732	A=F? 0.8226	A=G? 0.2762	A=H? 0.7868	A=CD? 0.1534	A=EF? 0.7581	A=GH? 0.3141	HOMO. 0.6020	TREND. 0.5934

TABLE 10-7 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS.	1690	687	454	303	88	74	38	15	31		
TOTAL	EXP.		681.8	471.2	305.2	94.6	74.8	28.9	13.1	20.2		
	OBS./EXP.		1.008	0.963	0.993	0.930	0.989	1.314	1.144	1.533		
	RELATIVE RISK		1.000	0.956	0.985	0.923	0.981	1.304	1.135	1.521		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5534	0.7027	0.5050	0.1328	0.3875	0.0547	0.6344	0.2976	0.0725	0.1817	0.0047
1950-54	OBS.	208	96	48	36	10	11	3	1	3		
	EXP.		84.9	58.4	38.7	11.1	8.3	2.9	1.4	2.3		
	OBS./EXP.		1.131	0.822	0.930	0.902	1.326	1.022	0.720	1.279		
	RELATIVE RISK		1.000	0.727	0.822	0.797	1.172	0.903	0.636	1.131		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7522	0.6842	0.3635	0.5462	0.6788	0.4124	0.7841	0.4092	0.5529	0.6787	0.3463
1955-58	OBS.	214	91	62	38	10	5	3	3	2		
	EXP.		87.7	59.4	39.7	11.7	8.6	3.1	1.4	2.4		
	OBS./EXP.		1.037	1.043	0.958	0.858	0.580	0.957	2.125	0.841		
	RELATIVE RISK		1.000	1.006	0.923	0.827	0.559	0.923	2.049	0.811		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6614	0.7012	0.3514	0.6012	0.3354	0.6686	0.6932	0.8148	0.4393	0.7864	0.5892
1959-62	OBS.	222	85	66	44	5	13	2	3	4		
	EXP.		91.1	61.0	40.0	12.9	9.5	3.4	1.6	2.5		
	OBS./EXP.		0.933	1.083	1.100	0.389	1.367	0.585	1.881	1.604		
	RELATIVE RISK		1.000	1.161	1.179	0.417	1.466	0.627	2.017	1.720		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2747	0.9277	0.1849	0.6837	0.2605	0.2939	0.5126	0.2684	0.1599	0.1816	0.1862
1963-66	OBS.	261	111	66	44	19	6	8	0	7		
	EXP.		104.0	72.6	47.8	15.2	11.6	4.6	2.0	3.2		
	OBS./EXP.		1.068	0.909	0.920	1.251	0.516	1.741	0.000	2.198		
	RELATIVE RISK		1.000	0.852	0.861	1.172	0.483	1.631	0.000	2.058		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7330	0.3976	0.9088	0.2413	0.8999	0.1343	0.6434	0.7277	0.4240	0.0463	0.1048
1967-70	OBS.	249	101	75	38	12	10	9	1	3		
	EXP.		99.4	68.8	44.8	14.4	11.7	4.8	2.0	3.1		
	OBS./EXP.		1.016	1.090	0.849	0.832	0.853	1.884	0.502	0.956		
	RELATIVE RISK		1.000	1.073	0.835	0.819	0.839	1.853	0.494	0.941		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7750	0.7242	0.6660	0.1614	0.7651	0.5481	0.8104	0.4156	0.6776	0.4769	0.4693
1971-74	OBS.	262	105	65	47	18	14	7	1	5		
	EXP.		105.2	72.7	47.1	14.7	12.2	4.9	2.2	3.2		
	OBS./EXP.		0.998	0.894	0.999	1.228	1.151	1.433	0.463	1.573		
	RELATIVE RISK		1.000	0.896	1.001	1.231	1.153	1.436	0.464	1.577		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4761	0.2926	0.4124	0.3146	0.7583	0.2821	0.3869	0.3272	0.4487	0.7198	0.1036
1975-78	OBS.	274	98	72	56	14	15	6	6	7		
	EXP.		109.5	77.7	48.1	15.1	13.1	5.1	2.4	3.0		
	OBS./EXP.		0.895	0.927	1.165	0.925	1.149	1.167	2.522	2.296		
	RELATIVE RISK		1.000	1.036	1.302	1.036	1.284	1.304	2.818	2.565		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1543	0.4582	0.3198	0.3950	0.0715	0.0711	0.1179	0.2476	0.0166	0.0446	0.0008

TABLE 10-8 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-8

HIROSHIMA + NAGASAKI, MALE, AGE ATB 0-9

YEAR	CLASS	7-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	12	5	5	0	0	0	1	0	1		
	EXP.		5.4	3.3	2.3	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP.		0.927	1.522	0.000	0.000	0.000	8.305	0.000	14.133		
	RELATIVE RISK		1.000	1.642	0.000	0.000	0.000	8.959	0.000	15.245		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9030	0.8088	0.7838	0.2564	0.7655	0.2456	0.9187	0.2991	0.2503	0.0019	0.0008
1950-54	OBS.	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP.											
	RELATIVE R											
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1955-58	OBS.	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP.											
	RELATIVE R											
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1959-62	OBS.	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP.											
	RELATIVE R											
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1963-66	OBS.	1	0	0	0	0	0	1	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP.		0.000	0.000	0.000	0.000	0.000	37.887	0.000	0.000		
	RELATIVE RISK		X	X	X	X	X	X	X	X		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	X	X	X	0.2398	X	X	X	0.2398	X	0.0000	0.0114
1967-70	OBS.	3	1	1	0	0	0	0	0	1		
	EXP.		1.4	0.8	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.705	1.266	0.000	0.000	0.000	0.000	0.000	68.702		
	RELATIVE RISK		1.000	1.796	0.000	0.000	0.000	0.000	0.000	97.433		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8281	0.7783	0.7685	0.7641	0.7620	0.2409	0.8393	0.7722	0.2418	0.0000	0.0000
1971-74	OBS.	3	1	2	0	0	0	0	0	0		
	EXP.		1.4	0.8	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.704	2.539	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000	3.606	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8281	0.7783	0.7686	0.7641	0.7619	0.7624	0.8393	0.7722	0.7641	0.9044	0.6692
1975-78	OBS.	5	3	2	0	0	0	0	0	0		
	EXP.		2.4	1.3	0.9	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP.		1.268	1.526	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000	1.204	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8724	0.7945	0.7765	0.7677	0.7636	0.7646	0.8874	0.7832	0.7678	0.9674	0.7072

TABLE 10-9 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-9

HIROSHIMA + NAGASAKI, MALE, AGE ATB 10-19

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	70	16	29	10	3	1	4	4	3		
	EXP.	24.9	23.9	10.5	3.4	3.7	1.7	0.7	1.2			
	OBS./EXP. RELATIVE RISK	0.643	1.212	0.951	0.884	0.268	2.369	5.977	2.534			
	TEST PROB.	1.000	1.885	1.479	1.375	0.417	3.685	9.297	3.943			
	A=C?	0.2514	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4376	0.7593	0.0767	0.0014	0.0825	0.2395	0.3918	0.0016	0.0001	0.0000	0.0007
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1955-58	OBS. EXP.	2	0	2	0	0	0	0	0	0		
	EXP.	0.6	0.7	0.3	0.1	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	2.849	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	X	X	X	X	X	X	X	X	X	HOMO.	TREND.
	PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	0.8120	0.6765
	PROB.	X	X	X	X	X	X	X	X	X		
1959-62	OBS. EXP.	1	0	0	0	0	0	0	1	0		
	EXP.	0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	0.000	0.000	0.000	0.000	0.000	0.000	74.803	0.000		
	TEST PROB.	X	X	X	X	X	X	X	X	X	HOMO.	TREND.
	PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	0.0000	0.0013
	PROB.	X	X	X	X	0.2398	X	X	X	0.2398		
1963-66	OBS. EXP.	4	2	2	0	0	0	0	0	0		
	EXP.	1.5	1.3	0.6	0.2	0.2	0.1	0.0	0.0	0.1		
	OBS./EXP. RELATIVE RISK	1.300	1.492	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	1.000	1.148	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8385	0.7819	0.7795	0.7691	0.7656	0.7695	0.8510	0.7873	0.7745	0.9776	0.7596
1967-70	OBS. EXP.	11	2	6	2	0	0	1	0	0		
	EXP.	3.4	3.9	1.7	0.6	0.7	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.581	1.552	1.176	0.000	0.000	0.000	3.045	0.000	0.000		
	TEST PROB.	1.000	2.672	2.025	0.000	0.000	0.000	5.243	0.000	0.000		
	PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3556	0.8254	0.8368	0.2718	0.7748	0.7849	0.3610	0.3904	0.7969	0.6736	0.6393
1971-74	OBS. EXP.	21	5	9	2	2	0	2	1	0		
	EXP.	7.4	7.2	3.2	1.0	1.1	0.5	0.2	0.2	0.4		
	OBS./EXP. RELATIVE RISK	0.673	1.258	0.631	1.928	0.000	3.888	4.902	0.000	0.000		
	TEST PROB.	1.000	1.868	0.936	2.863	0.000	5.774	7.280	0.000	0.000		
	PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4266	0.4089	0.8401	0.2535	0.2525	0.7899	0.4067	0.3648	0.2778	0.1133	0.1843
1975-78	OBS. EXP.	31	7	10	6	1	1	1	2	3		
	EXP.	11.7	10.4	4.6	1.4	1.5	0.7	0.3	0.3	0.5		
	OBS./EXP. RELATIVE RISK	0.600	0.962	1.294	0.718	0.670	1.507	7.271	6.326	6.326		
	TEST PROB.	1.000	1.604	2.157	1.197	1.117	2.513	12.123	10.547	10.547		
	PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2011	0.3077	0.3439	0.2625	0.0215	0.0044	0.2055	0.4233	0.0005	0.0003	0.0000

TABLE 10-10 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-10

HIROSHIMA + NAGASAKI, MALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	160	63	43	28	5	11	7	1	2		
	EXP.	62.5	45.6	25.7	8.9	8.3	4.6	2.1	2.2			
	OBS./EXP. RELATIVE RISK	1.008 1.000	0.942 0.935	1.089 1.080	0.560 0.555	1.323 1.312	1.518 1.506	0.483 0.479	0.905 0.898			
	TEST PROB.	A=C? 0.4465	A=D? 0.8546	A=E? 0.3516	A=F? 0.3598	A=G? 0.7763	A=H? 0.6053	A=CD? 0.5952	A=EF? 0.2983	A=GH? 0.7323	HOMO, 0.6874	TREND, 0.4095
1950-54	OBS. EXP.	5	2	3	0	0	0	0	0			
	EXP.	2.0	1.4	0.8	0.3	0.2	0.1	0.1	0.1			
	OBS./EXP. RELATIVE RISK	0.992 1.000	2.090 2.108	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8487	A=D? 0.7874	A=E? 0.7832	A=F? 0.7715	A=G? 0.7661	A=H? 0.7682	A=CD? 0.8631	A=EF? 0.7929	A=GH? 0.7738	HOMO, 0.8571	TREND, 0.7966
1955-58	OBS. EXP.	2	0	1	1	0	0	0	0			
	EXP.	0.9	0.6	0.3	0.1	0.1	0.0	0.0	0.0			
	OBS./EXP. RELATIVE RISK	0.000 X	1.721 X	3.069 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X			
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO, 0.9037	TREND, 0.6177
1959-62	OBS. EXP.	8	2	3	1	0	1	0	0			
	EXP.	3.2	2.3	1.3	0.4	0.4	0.2	0.1	0.1			
	OBS./EXP. RELATIVE RISK	0.630 1.000	1.319 2.093	0.775 1.229	0.000 0.000	2.484 3.941	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.3593	A=D? 0.7868	A=E? 0.2570	A=F? 0.7715	A=G? 0.7660	A=H? 0.2455	A=CD? 0.4195	A=EF? 0.2660	A=GH? 0.2496	HOMO, 0.2040	TREND, 0.0357
1963-66	OBS. EXP.	22	10	6	5	0	1	0	0			
	EXP.	9.0	6.3	3.6	1.1	1.0	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	1.110 1.000	0.957 0.863	1.407 1.268	0.000 0.000	1.010 0.910	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4236	A=D? 0.8889	A=E? 0.6878	A=F? 0.8511	A=G? 0.8070	A=H? 0.8043	A=CD? 0.5833	A=EF? 0.7910	A=GH? 0.8390	HOMO, 0.8870	TREND, 0.8700
1967-70	OBS. EXP.	32	12	10	5	1	1	3	0			
	EXP.	12.5	9.0	5.1	1.8	1.7	0.9	0.4	0.5			
	OBS./EXP. RELATIVE RISK	0.959 1.000	1.106 1.153	0.974 1.015	0.552 0.575	0.595 0.620	3.184 3.319	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.5500	A=D? 0.7369	A=E? 0.7185	A=F? 0.2922	A=G? 0.8090	A=H? 0.8096	A=CD? 0.6283	A=EF? 0.4130	A=GH? 0.8447	HOMO, 0.5217	TREND, 0.5312
1971-74	OBS. EXP.	34	14	6	5	2	5	2	0			
	EXP.	13.1	9.7	5.4	1.9	1.8	1.0	0.5	0.5			
	OBS./EXP. RELATIVE RISK	1.065 1.000	0.619 0.581	0.919 0.863	1.030 0.968	2.741 2.574	2.012 1.890	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.5962	A=D? 0.3918	A=E? 0.1486	A=F? 0.4526	A=G? 0.7983	A=H? 0.8041	A=CD? 0.5516	A=EF? 0.1665	A=GH? 0.8323	HOMO, 0.2407	TREND, 0.2866
1975-78	OBS. EXP.	57	23	14	11	2	3	2	1			
	EXP.	21.7	16.5	9.2	3.4	3.0	1.7	0.8	1			
	OBS./EXP. RELATIVE RISK	1.062 1.000	0.850 0.800	1.201 1.131	0.592 0.557	0.987 0.929	1.202 1.132	1.243 1.171	1.218 1.147			
	TEST PROB.	A=C? 0.4596	A=D? 0.7903	A=E? 0.5951	A=F? 0.4039	A=G? 0.4056	A=H? 0.4111	A=CD? 0.5738	A=EF? 0.5159	A=GH? 0.4241	HOMO, 0.9803	TREND, 0.4060

TABLE 10-11 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-11

HIROSHIMA + NAGASAKI, MALE, AGE ATB 35-49

		T-65 TOTAL DOSE IN RAD								
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
			A	B	C	D	E	F	G	H
1950-78	OBS.	777	315	192	149	41	40	15	7	18
	EXP.		313.3	212.6	139.4	44.0	37.8	13.4	6.3	10.2
	OBS./EXP.		1.005	0.903	1.069	0.931	1.057	1.120	1.118	1.765
	RELATIVE RISK		1.000	0.898	1.063	0.926	1.051	1.114	1.112	1.755
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.3411	0.6236	0.4016	0.3774	0.4695	0.0530	0.4159	0.3231	0.0764
				HOMO.	TREND.				0.2325	0.0112
1950-54	OBS.	55	22	33	11	3	3	2	0	1
	EXP.		22.5	14.9	9.9	3.1	2.5	0.9	0.5	0.7
	OBS./EXP.		0.978	0.872	1.116	0.981	1.180	2.193	0.000	1.355
	RELATIVE RISK		1.000	0.892	1.141	1.003	1.207	2.243	0.000	1.386
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4612	0.4227	0.4077	0.4336	0.8052	0.3605	0.4739	0.3478	0.6311
				HOMO.	TREND.				0.9383	0.2921
1955-58	OBS.	79	35	16	16	3	3	2	3	1
	EXP.		33.2	21.2	14.1	4.2	3.5	1.2	0.6	1.0
	OBS./EXP.		1.054	0.754	1.133	0.712	0.863	1.692	5.011	1.018
	RELATIVE RISK		1.000	0.716	1.075	0.676	0.819	1.606	4.755	0.966
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4573	0.7270	0.6435	0.3866	0.0792	0.5637	0.5716	0.4392	0.2017
				HOMO.	TREND.				0.0915	0.0754
1959-62	OBS.	97	36	24	25	2	6	1	1	2
	EXP.		38.8	26.7	17.2	5.6	4.8	1.7	0.8	1.3
	OBS./EXP.		0.929	0.898	1.451	0.354	1.252	0.582	1.241	1.509
	RELATIVE RISK		1.000	0.968	1.562	0.382	1.348	0.627	1.336	1.625
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.1227	0.8503	0.3731	0.6510	0.3251	0.3928	0.2613	0.4424	0.4353
				HOMO.	TREND.				0.3937	0.3437
1963-66	OBS.	117	45	26	21	12	4	5	0	4
	EXP.		46.3	32.3	20.9	6.8	5.9	2.2	1.0	1.6
	OBS./EXP.		0.971	0.806	1.006	1.755	0.673	2.311	0.000	2.450
	RELATIVE RISK		1.000	0.830	1.036	1.807	0.693	2.380	0.000	2.522
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4658	0.1042	0.6893	0.1046	0.8304	0.1419	0.2855	0.3879	0.3178
				HOMO.	TREND.				0.0502	0.0242
1967-70	OBS.	134	61	38	17	6	7	2	1	2
	EXP.		53.2	36.7	24.2	7.7	6.8	2.5	1.1	1.8
	OBS./EXP.		1.146	1.035	0.703	0.778	1.027	0.808	0.948	1.110
	RELATIVE RISK		1.000	0.903	0.613	0.679	0.896	0.705	0.827	0.968
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.9083	0.7926	0.6022	0.6795	0.6132	0.4502	0.9270	0.6469	0.5454
				HOMO.	TREND.				0.7932	0.6352
1971-74	OBS.	148	60	37	32	7	7	0	0	5
	EXP.		59.7	40.4	26.9	8.3	7.3	2.6	1.1	1.8
	OBS./EXP.		1.006	0.916	1.190	0.848	0.955	0.000	0.000	2.792
	RELATIVE RISK		1.000	0.911	1.183	0.844	0.950	0.000	0.000	2.777
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.3141	0.6463	0.5540	0.9113	0.8493	0.0767	0.3789	0.7515	0.2323
				HOMO.	TREND.				0.1387	0.2494
1975-78	OBS.	147	56	38	27	8	10	3	2	3
	EXP.		59.9	40.4	26.5	8.1	7.3	2.3	1.0	1.5
	OBS./EXP.		0.935	0.941	1.021	0.987	1.366	1.279	2.036	1.948
	RELATIVE RISK		1.000	1.006	1.091	1.056	1.461	1.367	2.178	2.083
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4485	0.4526	0.2884	0.4164	0.4444	0.3237	0.4406	0.2426	0.2127
				HOMO.	TREND.				0.7646	0.0276

TABLE 10-12 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-12

HIROSHIMA + NAGASAKI, MALE, AGE ATB 50+

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	671	288	185	116	39	22	11	3	7		
	EXP.	275.7	185.8	127.3	37.8	24.7	9.1	6.1	6.6			
	OBS./EXP. RELATIVE RISK	1.044 1.000	0.996 0.953	0.911 0.873	1.032 0.988	0.890 0.852	1.209 1.157	0.740 0.708	1.067 1.022			
	TEST PROB.	A=C? 0.8167	A=D? 0.5694	A=E? 0.7289	A=F? 0.4328	A=G? 0.7237	A=H? 0.5349	A=CD? 0.7935	A=EF? 0.6263	A=GH? 0.6543	HOMO. 0.9174	TREND. 0.5483
1950-54	OBS. EXP.	148	72	32	25	7	8	1	1	2		
	EXP.	60.3	42.0	28.0	7.8	5.5	1.9	0.9	1.5			
	OBS./EXP. RELATIVE RISK	1.193 1.000	0.761 0.638	0.892 0.747	0.900 0.754	1.449 1.215	0.527 0.442	1.165 0.976	1.296 1.086			
	TEST PROB.	A=C? 0.8005	A=D? 0.7167	A=E? 0.4039	A=F? 0.7714	A=G? 0.4451	A=H? 0.4112	A=CD? 0.8320	A=EF? 0.4526	A=GH? 0.4361	HOMO. 0.4407	TREND. 0.3850
1955-59	OBS. EXP.	131	56	43	21	7	2	1	0	1		
	EXP.	53.0	36.9	24.9	7.3	4.9	1.9	0.8	1.3			
	OBS./EXP. RELATIVE RISK	1.057 1.000	1.165 1.102	0.843 0.797	0.964 0.912	0.404 0.382	0.536 0.507	0.000 0.000	0.749 0.708			
	TEST PROB.	A=C? 0.7714	A=D? 0.6222	A=E? 0.8801	A=F? 0.7721	A=G? 0.8360	A=H? 0.7032	A=CD? 0.7505	A=EF? 0.8936	A=GH? 0.8045	HOMO. 0.6741	TREND. 0.9283
1959-62	OBS. EXP.	116	47	39	18	3	6	1	1	1		
	EXP.	49.0	31.6	21.3	6.7	4.2	1.4	0.7	1.0			
	OBS./EXP. RELATIVE RISK	0.959 1.000	1.234 1.287	0.844 0.880	0.447 0.466	1.423 1.484	0.697 0.727	1.477 1.540	0.966 1.007			
	TEST PROB.	A=C? 0.6580	A=D? 0.8719	A=E? 0.3368	A=F? 0.6632	A=G? 0.3353	A=H? 0.4524	A=CD? 0.7932	A=EF? 0.4028	A=GH? 0.3903	HOMO. 0.6028	TREND. 0.5355
1963-66	OBS. EXP.	117	54	32	18	7	1	2	0	3		
	EXP.	46.9	32.3	22.6	7.0	4.5	1.8	0.8	1.2			
	OBS./EXP. RELATIVE RISK	1.152 1.000	0.990 0.860	0.797 0.692	0.998 0.867	0.223 0.194	1.126 0.977	0.000 0.000	2.526 2.193			
	TEST PROB.	A=C? 0.8577	A=D? 0.6855	A=E? 0.9325	A=F? 0.6039	A=G? 0.8434	A=H? 0.3187	A=CD? 0.8566	A=EF? 0.9025	A=GH? 0.4071	HOMO. 0.2974	TREND. 0.4339
1967-70	OBS. EXP.	69	25	20	14	5	2	3	0	0		
	EXP.	28.8	18.4	13.2	4.2	2.5	1.0	0.4	0.7			
	OBS./EXP. RELATIVE RISK	0.869 1.000	1.089 1.254	1.062 1.222	1.203 1.385	0.813 0.936	2.978 3.428	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4034	A=D? 0.4170	A=E? 0.4502	A=F? 0.1072	A=G? 0.7942	A=H? 0.8130	A=CD? 0.3556	A=EF? 0.2478	A=GH? 0.8364	HOMO. 0.5367	TREND. 0.4690
1971-74	OBS. EXP.	56	25	11	8	7	2	3	0	0		
	EXP.	23.6	14.6	11.0	3.3	1.8	0.8	0.4	0.5			
	OBS./EXP. RELATIVE RISK	1.061 1.000	0.751 0.707	0.728 0.686	2.123 2.000	1.101 1.037	3.848 3.626	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.7768	A=D? 0.1615	A=E? 0.5976	A=F? 0.1275	A=G? 0.8042	A=H? 0.8184	A=CD? 0.4612	A=EF? 0.2934	A=GH? 0.8477	HOMO. 0.0627	TREND. 0.2284
1975-78	OBS. EXP.	34	9	8	12	3	1	0	1	0		
	EXP.	13.9	9.1	6.9	2.0	1.1	0.4	0.3	0.2			
	OBS./EXP. RELATIVE RISK	0.646 1.000	0.876 1.356	1.743 2.696	1.469 2.272	0.906 1.401	0.000 0.000	3.340 5.167	0.000 0.000			
	TEST PROB.	A=C? 0.0767	A=D? 0.3075	A=E? 0.3575	A=F? 0.8055	A=G? 0.2629	A=H? 0.7779	A=CD? 0.0692	A=EF? 0.5291	A=GH? 0.2804	HOMO. 0.2895	TREND. 0.3149

TABLE 10-13 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-13

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	1277	493	339	269	78	39	30	12	17	
	EXP.	520.6	353.0	257.2	69.5	40.6	17.7	8.3	10.1		
	OBS./EXP. RELATIVE RISK	0.947	0.960	1.046	1.123	0.961	1.692	1.453	1.678		
	TEST PROB.	1.000	1.014	1.105	1.185	1.015	1.787	1.535	1.772		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.2067	0.1500	0.3891	0.0078	0.1436	0.0365	0.1429	0.0563	0.0173	0.0087	0.0001
1950-54	OBS. TOTAL	97	41	22	15	8	4	4	2	1	
	EXP.	38.8	27.5	19.9	5.4	2.9	1.2	0.6	0.7		
	OBS./EXP. RELATIVE RISK	1.056	0.800	0.755	1.493	1.368	3.241	3.445	1.408		
	TEST PROB.	1.000	0.757	0.714	1.413	1.295	3.068	3.262	1.333		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.8561	0.3157	0.4432	0.1327	0.2522	0.3616	0.7245	0.1995	0.2750	0.0523	0.0077
1955-58	OBS. TOTAL	143	57	43	29	9	1	3	0	1	
	EXP.	56.8	40.7	29.4	7.9	4.4	1.9	0.9	1.0		
	OBS./EXP. RELATIVE RISK	1.003	1.056	0.987	1.133	0.229	1.609	0.000	0.959		
	TEST PROB.	1.000	1.053	0.983	1.130	0.229	1.603	0.000	0.956		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.4803	0.4729	0.3907	0.3735	0.3312	0.4229	0.4757	0.7237	0.7313	0.7257	0.7208
1959-62	OBS. TOTAL	184	74	48	30	20	8	1	1	2	
	EXP.	79.0	48.7	36.9	10.0	5.1	2.2	1.0	1.2		
	OBS./EXP. RELATIVE RISK	0.937	0.986	0.813	2.010	1.569	0.457	0.967	1.658		
	TEST PROB.	1.000	1.053	0.867	2.145	1.674	0.488	1.032	1.769		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.7134	0.0123	0.1554	0.7518	0.4214	0.4203	0.3091	0.2622	0.4755	0.0406	0.1291
1963-66	OBS. TOTAL	192	76	53	42	7	6	3	1	4	
	EXP.	81.2	51.4	38.3	10.1	5.7	2.6	1.2	1.4		
	OBS./EXP. RELATIVE RISK	0.936	1.031	1.096	0.693	1.046	1.164	0.831	2.774		
	TEST PROB.	1.000	1.101	1.171	0.740	1.118	1.243	0.888	2.964		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.2821	0.7570	0.4393	0.4208	0.5582	0.0875	0.4137	0.4140	0.1549	0.4931	0.0629
1967-70	OBS. TOTAL	203	76	51	48	12	6	4	1	5	
	EXP.	84.5	54.8	40.6	10.8	6.5	2.9	1.3	1.6		
	OBS./EXP. RELATIVE RISK	0.899	0.930	1.183	1.114	0.927	1.384	0.766	3.097		
	TEST PROB.	1.000	1.034	1.316	1.240	1.031	1.540	0.852	3.445		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.1894	0.3276	0.4472	0.3294	0.5714	0.0303	0.1800	0.3461	0.0944	0.1673	0.0113
1971-74	OBS. TOTAL	221	87	60	45	10	8	5	4	2	
	EXP.	87.5	63.0	44.2	12.1	7.5	3.4	1.5	1.8		
	OBS./EXP. RELATIVE RISK	0.994	0.953	1.019	0.328	1.063	1.478	2.661	1.093		
	TEST PROB.	1.000	0.958	1.025	0.833	1.070	1.487	2.678	1.099		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.4822	0.7199	0.4557	0.3130	0.1267	0.3935	0.5766	0.3133	0.1794	0.5963	0.0945
1975-78	OBS. TOTAL	237	82	62	60	12	6	10	3	2	
	EXP.	93.8	66.8	47.7	12.9	8.3	3.6	1.7	2.1		
	OBS./EXP. RELATIVE RISK	0.874	0.928	1.258	0.931	0.720	2.771	1.808	0.944		
	TEST PROB.	1.000	1.061	1.439	1.065	0.824	3.171	2.069	1.080		
	A=C?	A=0?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	0.0841	0.4847	0.6380	0.0040	0.2638	0.4006	0.1047	0.1123	0.2909	0.0103	0.0367

TABLE 10-14 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-14

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	16	8	2	3	1	0	2	0	0	
	EXP.		6.2	4.9	3.2	0.8	0.4	0.2	0.1	0.1	
	OBS./EXP.		1.300	0.404	0.927	1.286	0.000	9.445	0.000	0.000	
	RELATIVE RISK		1.000	0.311	0.713	0.989	0.000	7.265	0.000	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	0.7244	0.5696	0.8289	0.1895	0.7779	0.7894	0.6845	0.3752	0.8037	0.0112
	TREND.										0.1605
1950-54	OBS.	0	0	0	0	0	0	0	0	0	
	EXP.										
	OBS./EXP.										
	RELATIVE R										
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	X	X	X	X	X	X	X	X	X	X
	TREND.										X
1955-58	OBS.	1	0	0	0	0	0	1	0	0	
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	
	OBS./EXP.		0.000	0.000	0.000	0.000	0.000	44.026	0.000	0.000	
	RELATIVE RISK		X	X	X	X	X	X	X	X	X
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	X	X	X	0.2398	X	X	X	0.2398	X	0.0000
	TREND.										0.0065
1959-62	OBS.	1	1	0	0	0	0	0	0	0	
	EXP.		0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	
	OBS./EXP.		2.139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	0.8266	0.7782	0.7703	0.7645	0.7621	0.7627	0.8379	0.7743	0.7645	0.9923
	TREND.										0.5952
1963-66	OBS.	0	0	0	0	0	0	0	0	0	
	EXP.										
	OBS./EXP.										
	RELATIVE R										
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	X	X	X	X	X	X	X	X	X	X
	TREND.										X
1967-70	OBS.	2	2	0	0	0	0	0	0	0	
	EXP.		0.7	0.7	0.4	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP.		2.987	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	0.9036	0.8195	0.7992	0.7827	0.7700	0.7775	0.9197	0.8159	0.7861	0.7432
	TREND.										0.7612
1971-74	OBS.	5	1	2	2	0	0	0	0	0	
	EXP.		2.1	1.5	1.0	0.2	0.1	0.1	0.0	0.0	
	OBS./EXP.		0.483	1.352	2.054	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	2.800	4.252	0.000	0.000	0.000	0.000	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	0.3915	0.7782	0.7702	0.7644	0.7621	0.7626	0.3540	0.7741	0.7644	0.9398
	TREND.										0.6464
1975-78	OBS.	7	4	0	1	1	0	1	0	0	
	EXP.		2.7	2.1	1.4	0.3	0.2	0.1	0.0	0.0	
	OBS./EXP.		1.459	0.000	0.713	2.972	0.000	11.254	0.000	0.000	
	RELATIVE RISK		1.000	0.000	0.489	2.038	0.000	7.716	0.000	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.
	PROB.	0.7664	0.3067	0.8040	0.2619	0.7711	0.7785	0.6235	0.3231	0.7878	0.0550
	TREND.										0.1497

TABLE 10-15 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-15

HIROSHIMA • NAGASAKI, FEMALE, AGE ATB 10-19

YEAR CLASS	T=65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 45	12 16.3	12 12.8	8 7.7	1 2.7	6 2.9	1 1.4	3 0.6	2 0.5			
	OBS./EXP. RELATIVE RISK	0.738 1.000	0.934 1.265	1.037 1.404	0.367 0.497	2.047 2.772	0.707 0.958	5.307 7.187	3.661 4.958			
	TEST PROB.	A=C? 0.3508	A=D? 0.7422	A=E? 0.0949	A=F? 0.3962	A=G? 0.0246	A=H? 0.1193	A=CD? 0.4809	A=EF? 0.1544	A=GH? 0.0065	HOMO. 0.0052	TREND. 0.0004
1950-54	OBS. EXP. 0	0	0	0	0	0	0	0	0			
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP. 3	1 1.4	2 0.7	0 0.5	0 0.1	0 0.1	0 0.0	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.720 1.000	2.705 3.756	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8267	A=D? 0.7803	A=E? 0.7755	A=F? 0.7662	A=G? 0.7652	A=H? 0.7648	A=CD? 0.8393	A=EF? 0.7808	A=GH? 0.7697	HOMO. 0.8727	TREND. 0.7199
1959-62	OBS. EXP. 1	0 0.2	1 0.3	0 0.2	0 0.1	0 0.1	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.000 X	2.959 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X			
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. 0.9621	TREND. 0.6370
1963-66	OBS. EXP. 6	1 2.3	2 1.7	1 1.0	0 0.3	2 0.4	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.436 1.000	1.202 2.757	0.963 2.210	0.000 0.000	5.705 13.086	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.2896	A=D? 0.7802	A=E? 0.1378	A=F? 0.7662	A=G? 0.7653	A=H? 0.7649	A=CD? 0.3054	A=EF? 0.2077	A=GH? 0.7698	HOMO. 0.2207	TREND. 0.2701
1967-70	OBS. EXP. 9	3 3.2	3 2.6	0 1.5	0 0.6	1 0.6	1 0.3	0 0.1	1 0.1			
	OBS./EXP. RELATIVE RISK	0.937 1.000	1.158 1.236	0.000 0.000	0.000 0.000	1.667 1.778	3.460 3.692	0.000 0.000	9.013 9.615			
	TEST PROB.	A=C? 0.8697	A=D? 0.7977	A=E? 0.2902	A=F? 0.2577	A=G? 0.7702	A=H? 0.2469	A=CD? 0.8865	A=EF? 0.3924	A=GH? 0.2552	HOMO. 0.1171	TREND. 0.0109
1971-74	OBS. EXP. 13	5 4.8	2 3.7	2 2.2	0 0.8	2 0.8	0 0.4	2 0.2	0 0.2			
	OBS./EXP. RELATIVE RISK	1.038 1.000	0.545 0.525	0.895 0.863	0.000 0.000	2.479 2.389	0.000 0.000	12.366 11.917	0.000 0.000			
	TEST PROB.	A=C? 0.5694	A=D? 0.8384	A=E? 0.4687	A=F? 0.8089	A=G? 0.0446	A=H? 0.7802	A=CD? 0.6801	A=EF? 0.3658	A=GH? 0.1560	HOMO. 0.0008	TREND. 0.0286
1975-78	OBS. EXP. 13	2 4.3	2 3.9	5 2.2	1 0.8	1 1.0	0 0.5	1 0.2	1 0.2			
	OBS./EXP. RELATIVE RISK	0.461 1.000	0.519 1.124	2.271 4.924	1.179 2.556	1.050 2.276	0.000 0.000	6.030 13.075	6.067 13.155			
	TEST PROB.	A=C? 0.1407	A=D? 0.3106	A=E? 0.3274	A=F? 0.8074	A=G? 0.2506	A=H? 0.2464	A=CD? 0.1737	A=EF? 0.4140	A=GH? 0.0808	HOMO. 0.0404	TREND. 0.0085

TABLE 10-16 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-16

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	202	64	57	45	13	5	12	3	3		
	EXP.	79.1	57.6	38.3	11.7	7.7	3.3	1.8	2.5			
	OBS./EXP. RELATIVE RISK	0,809 1,000	0,990 1,223	1,175 1,452	1,111 1,373	0,649 0,802	3,601 4,449	1,651 2,040	1,182 1,460			
	TEST PROB.	A=C? 0.0904	A=D? 0.3278	A=E? 0.6207	A=F? 0.0002	A=G? 0.3079	A=H? 0.4738	A=CD? 0.1004	A=EF? 0.0314	A=GH? 0.2307	HOMO. 0.0001	TREND. 0.0067
1950-54	OBS. TOTAL	9	4	3	1	0	0	1	0	0		
	EXP.	3.8	2.5	1.7	0.5	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1,062 1,000	1,224 1,152	0,594 0,559	0,000 0,000	0,000 0,000	8,046 7,573	0,000 0,000	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0,7160	A=D? 0,8144	A=E? 0,7914	A=F? 0,2590	A=G? 0,7682	A=H? 0,7729	A=CD? 0,7739	A=EF? 0,3248	A=GH? 0,7802	HOMO. 0,3718	TREND. 0,3918
1955-58	OBS. TOTAL	17	6	5	3	2	0	1	0	0		
	EXP.	6.6	4.9	3.2	1.0	0.7	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0,911 1,000	1,027 1,128	0,929 1,021	2,008 2,205	0,000 0,000	3,484 3,825	0,000 0,000	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0,4279	A=D? 0,4514	A=E? 0,8328	A=F? 0,2672	A=G? 0,7822	A=H? 0,7886	A=CD? 0,4557	A=EF? 0,3761	A=GH? 0,8063	HOMO. 0,7917	TREND. 0,5256
1959-62	OBS. TOTAL	18	7	6	1	0	2	0	1	1		
	EXP.	7.3	5.0	3.4	1.0	0.6	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0,960 1,000	1,197 1,246	0,295 0,308	0,000 0,000	3,116 3,245	0,000 0,000	6,582 6,853	4,511 4,801			
	TEST PROB.	A=C? 0,8609	A=D? 0,8572	A=E? 0,3099	A=F? 0,8017	A=G? 0,2567	A=H? 0,2654	A=CD? 0,9020	A=EF? 0,4826	A=GH? 0,1583	HOMO. 0,0569	TREND. 0,0119
1963-66	OBS. TOTAL	37	11	13	6	2	0	3	0	2		
	EXP.	14.5	10.5	7.0	2.1	1.4	0.6	0.3	0.3	0.5		
	OBS./EXP. RELATIVE RISK	0,756 1,000	1,239 1,639	0,856 1,132	0,931 1,232	0,000 0,000	4,933 6,525	0,000 0,000	4,321 5,715			
	TEST PROB.	A=C? 0,4274	A=D? 0,5586	A=E? 0,8680	A=F? 0,0393	A=G? 0,7961	A=H? 0,1511	A=CD? 0,4334	A=EF? 0,3462	A=GH? 0,3036	HOMO. 0,0117	TREND. 0,0107
1967-70	OBS. TOTAL	27	6	4	11	4	1	0	1	0		
	EXP.	10.3	7.8	5.1	1.6	1.1	0.5	0.3	0.3	0.3		
	OBS./EXP. RELATIVE RISK	0,581 1,000	0,513 0,883	2,139 3,683	2,533 4,363	0,928 1,598	0,000 0,000	3,929 6,766	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0,0362	A=D? 0,0296	A=E? 0,2887	A=F? 0,7772	A=G? 0,2543	A=H? 0,7766	A=CD? 0,0271	A=EF? 0,3119	A=GH? 0,2791	HOMO. 0,0167	TREND. 0,2601
1971-74	OBS. TOTAL	41	12	13	10	3	1	2	0	0		
	EXP.	15.9	11.8	7.8	2.4	1.6	0.7	0.4	0.4	0.5		
	OBS./EXP. RELATIVE RISK	0,756 1,000	1,103 1,459	1,287 1,703	1,258 1,665	0,625 0,827	2,874 3,802	0,000 0,000	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0,1941	A=D? 0,4088	A=E? 0,6332	A=F? 0,3063	A=G? 0,7972	A=H? 0,8056	A=CD? 0,1999	A=EF? 0,4580	A=GH? 0,8325	HOMO. 0,5982	TREND. 0,5391
1975-78	OBS. TOTAL	53	18	13	13	2	1	5	1	0		
	EXP.	20.7	15.2	10.1	3.0	2.0	0.9	0.5	0.5	0.6		
	OBS./EXP. RELATIVE RISK	0,868 1,000	0,858 0,989	1,292 1,490	0,661 0,792	0,491 0,566	5,823 6,712	2,111 2,433	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0,3101	A=D? 0,6498	A=E? 0,6679	A=F? 0,0010	A=G? 0,2780	A=H? 0,8079	A=CD? 0,3978	A=EF? 0,0683	A=GH? 0,3669	HOMO. 0,0012	TREND. 0,0998

TABLE 10-17 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-17

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	572	206	167	129	35	16	8	4	7		
	EXP.	229.5	156.0	119.5	30.6	19.2	8.2	3.8	5.1			
	OBS./EXP.	0.897	1.070	1.080	1.144	0.832	0.975	1.046	1.372			
	RELATIVE RISK	1.000	1.193	1.203	1.275	0.927	1.087	1.165	1.529			
	TEST PROB.	A=C? 0.1253	A=D? 0.1666	A=E? 0.5596	A=F? 0.4378	A=G? 0.4326	A=H? 0.2427	A=CD? 0.0886	A=EF? 0.4835	A=GH? 0.2289	HOMO. 0.5350	TREND. 0.2326
1950-54	OBS. TOTAL	38	13	11	7	4	1	1	1	0		
	EXP.	15.3	10.3	8.0	2.0	1.3	0.5	0.3	0.3	0.3		
	OBS./EXP.	0.852	1.066	0.879	1.970	0.778	1.839	3.875	0.000	0.000		
	RELATIVE RISK	1.000	1.251	1.032	2.312	0.913	2.158	4.548	0.000	0.000		
	TEST PROB.	A=C? 0.4326	A=D? 0.2344	A=E? 0.5527	A=F? 0.2947	A=G? 0.2638	A=H? 0.7923	A=CD? 0.3568	A=EF? 0.3777	A=GH? 0.3024	HOMO. 0.6162	TREND. 0.2560
1955-58	OBS. TOTAL	51	19	17	12	2	1	0	0	0		
	EXP.	20.6	13.8	10.7	2.7	1.7	0.7	0.3	0.3	0.5		
	OBS./EXP.	0.924	1.231	1.126	0.731	0.584	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.331	1.218	0.791	0.632	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.3930	A=D? 0.5896	A=E? 0.6441	A=F? 0.3066	A=G? 0.7853	A=H? 0.7914	A=CD? 0.4359	A=EF? 0.7291	A=GH? 0.8118	HOMO. 0.8804	TREND. 0.9088
1959-62	OBS. TOTAL	72	24	22	13	10	1	1	0	1		
	EXP.	29.3	19.3	15.0	3.9	2.4	1.0	0.5	0.5	0.6		
	OBS./EXP.	0.820	1.137	0.867	2.588	0.415	0.999	0.000	1.580	1.580		
	RELATIVE RISK	1.000	1.387	1.058	3.156	0.506	1.219	0.000	1.927	1.927		
	TEST PROB.	A=C? 0.4504	A=D? 0.0140	A=E? 0.7567	A=F? 0.3776	A=G? 0.8015	A=H? 0.3101	A=CD? 0.1666	A=EF? 0.6795	A=GH? 0.4120	HOMO. 0.0741	TREND. 0.3413
1963-66	OBS. TOTAL	67	27	21	14	4	1	0	0	0		
	EXP.	27.1	18.1	14.0	3.6	2.2	1.0	0.4	0.4	0.6		
	OBS./EXP.	0.997	1.161	1.001	1.115	0.446	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.165	1.004	1.119	0.448	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.4560	A=D? 0.4356	A=E? 0.7757	A=F? 0.5405	A=G? 0.8037	A=H? 0.8165	A=CD? 0.4614	A=EF? 0.8429	A=GH? 0.8463	HOMO. 0.8649	TREND. 0.9353
1967-70	OBS. TOTAL	107	39	30	28	3	4	0	0	3		
	EXP.	43.8	29.6	22.2	5.7	3.6	1.5	0.7	0.7	1.0		
	OBS./EXP.	0.891	1.049	1.261	0.525	1.124	0.000	0.000	0.000	3.143		
	RELATIVE RISK	1.000	1.177	1.414	0.589	1.261	0.000	0.000	0.000	3.527		
	TEST PROB.	A=C? 0.2395	A=D? 0.7746	A=E? 0.4484	A=F? 0.8636	A=G? 0.5187	A=H? 0.1342	A=CD? 0.3439	A=EF? 0.5732	A=GH? 0.3251	HOMO. 0.1835	TREND. 0.2438
1971-74	OBS. TOTAL	106	41	28	21	6	4	2	2	2		
	EXP.	42.0	29.5	22.1	5.6	3.6	1.6	0.7	0.7	0.9		
	OBS./EXP.	0.977	0.950	0.949	1.067	1.119	1.265	2.878	2.144	2.144		
	RELATIVE RISK	1.000	0.973	0.972	1.092	1.146	1.296	2.947	2.196	2.196		
	TEST PROB.	A=C? 0.5147	A=D? 0.4356	A=E? 0.4396	A=F? 0.3905	A=G? 0.2324	A=H? 0.3469	A=CD? 0.5209	A=EF? 0.3712	A=GH? 0.1110	HOMO. 0.7746	TREND. 0.0455
1975-78	OBS. TOTAL	131	43	38	34	6	4	4	1	1		
	EXP.	52.1	36.4	27.3	6.9	4.4	1.9	0.9	0.9	1.1		
	OBS./EXP.	0.825	1.045	1.244	0.864	0.912	2.149	1.172	0.897	0.897		
	RELATIVE RISK	1.000	1.266	1.508	1.048	1.106	2.605	1.421	1.087	1.087		
	TEST PROB.	A=C? 0.1158	A=D? 0.4388	A=E? 0.4469	A=F? 0.1409	A=G? 0.3527	A=H? 0.4274	A=CD? 0.1326	A=EF? 0.2680	A=GH? 0.3898	HOMO. 0.5246	TREND. 0.2221

TABLE 10-18 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-18

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	442	203	101	84	28	12	7	2	5		
	EXP.	189.6	121.7	88.4	23.7	10.3	4.6	2.0	1.8			
	OBS./EXP. RELATIVE RISK	1.071 1.000	0.830 0.775	0.950 0.887	1.182 1.104	1.167 1.090	1.532 1.431	1.020 0.952	2.771 2.588			
	TEST PROB.	A=C? 0.8214	A=D? 0.3754	A=E? 0.4520	A=F? 0.3140	A=G? 0.5417	A=H? 0.1069	A=CD? 0.7389	A=EF? 0.3097	A=GH? 0.2013	HOMO. 0.0767	TREND. 0.0083
1950-54	OBS. EXP.	50	24 19.8	8 14.7	7 10.2	4 2.8	3 1.3	2 0.6	1 0.3	1 0.3		
	OBS./EXP. RELATIVE RISK	1.213 1.000	0.543 0.448	0.684 0.564	1.415 1.167	2.237 1.845	3.534 2.914	3.971 3.274	3.817 3.148			
	TEST PROB.	A=C? 0.9267	A=D? 0.4188	A=E? 0.4120	A=F? 0.3669	A=G? 0.2789	A=H? 0.2871	A=CD? 0.8616	A=EF? 0.2351	A=GH? 0.3237	HOMO. 0.0297	TREND. 0.0016
1955-58	OBS. EXP.	71	31 28.1	19 20.9	14 14.7	5 4.0	0 1.9	1 0.8	0 0.3	1 0.3		
	OBS./EXP. RELATIVE RISK	1.104 1.000	0.909 0.823	0.951 0.861	1.248 1.130	0.000 0.000	1.263 1.144	0.000 0.000	3.152 2.854			
	TEST PROB.	A=C? 0.6620	A=D? 0.4319	A=E? 0.8968	A=F? 0.3870	A=G? 0.8002	A=H? 0.2884	A=CD? 0.6273	A=EF? 0.8292	A=GH? 0.3733	HOMO. 0.7138	TREND. 0.4544
1959-62	OBS. EXP.	92	42 41.7	19 23.7	16 18.2	10 4.9	5 1.9	0 0.8	0 0.4	0 0.3		
	OBS./EXP. RELATIVE RISK	1.007 1.000	0.802 0.796	0.880 0.874	2.026 2.012	2.609 2.591	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.6880	A=D? 0.0821	A=E? 0.0857	A=F? 0.8273	A=G? 0.7947	A=H? 0.7916	A=CD? 0.4309	A=EF? 0.2091	A=GH? 0.8193	HOMO. 0.0725	TREND. 0.3519
1963-66	OBS. EXP.	82	37 37.3	17 21.2	21 16.3	1 4.0	3 1.7	0 0.9	1 0.4	2 0.3		
	OBS./EXP. RELATIVE RISK	0.993 1.000	0.803 0.808	1.290 1.299	0.249 0.250	1.722 1.734	0.000 0.000	2.829 2.850	6.554 6.601			
	TEST PROB.	A=C? 0.2910	A=D? 0.8752	A=E? 0.3771	A=F? 0.8259	A=G? 0.2756	A=H? 0.0678	A=CD? 0.4655	A=EF? 0.4078	A=GH? 0.0453	HOMO. 0.0179	TREND. 0.0188
1967-70	OBS. EXP.	58	26 26.6	14 15.2	9 11.2	5 2.8	0 1.2	3 0.6	0 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK	0.978 1.000	0.922 0.942	0.801 0.819	1.776 1.816	0.000 0.000	5.037 5.149	0.000 0.000	5.381 5.501			
	TEST PROB.	A=C? 0.6625	A=D? 0.2512	A=E? 0.8433	A=F? 0.0516	A=G? 0.7786	A=H? 0.2563	A=CD? 0.4578	A=EF? 0.3847	A=GH? 0.2782	HOMO. 0.0173	TREND. 0.0100
1971-74	OBS. EXP.	56	28 22.8	15 16.6	10 11.1	1 3.1	1 1.4	1 0.7	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK	1.229 1.000	0.906 0.737	0.904 0.735	0.326 0.265	0.707 0.575	1.504 1.224	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8106	A=D? 0.9046	A=E? 0.7507	A=F? 0.4128	A=G? 0.8021	A=H? 0.7924	A=CD? 0.8935	A=EF? 0.6762	A=GH? 0.8255	HOMO. 0.8047	TREND. 0.8313
1975-78	OBS. EXP.	33	15 13.9	9 9.3	7 6.7	2 1.7	0 0.8	0 0.3	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	1.081 1.000	0.967 0.894	1.042 0.964	1.147 1.061	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.5820	A=D? 0.3971	A=E? 0.8198	A=F? 0.7904	A=G? 0.7715	A=H? 0.7724	A=CD? 0.5492	A=EF? 0.8395	A=GH? 0.7821	HOMO. 0.9804	TREND. 0.8320

TABLE 10-19 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-19

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2393	1068	590	444	118	80	44	17	32		
	EXP.	1079.6	619.8	442.7	118.0	75.2	26.2	12.5	19.1			
	OBS./EXP. RELATIVE RISK	0.989 1.000	0.952 0.962	1.003 1.014	1.000 1.011	1.063 1.075	1.678 1.696	1.363 1.378	1.674 1.692			
	TEST PROB.	A=C? 0.4393	A=0? 0.4945	A=E? 0.3438	A=F? 0.0079	A=G? 0.1948	A=H? 0.0198	A=CD? 0.4395	A=EF? 0.0592	A=GH? 0.0145	HOMO. 0.0010	TREND. 0.0000
1950-54	OBS. EXP.	249	127 112.2	55 65.2	37 45.5	14 12.3	11 8.0	3 2.6	2 1.3	0 2.0		
	OBS./EXP. RELATIVE RISK	1.132 1.000	0.844 0.745	0.813 0.718	1.141 1.007	1.382 1.220	1.149 1.015	1.566 1.383	0.000 0.000			
	TEST PROB.	A=C? 0.9062	A=0? 0.4766	A=E? 0.3766	A=F? 0.4589	A=G? 0.3840	A=H? 0.9021	A=CD? 0.8689	A=EF? 0.3876	A=GH? 0.7865	HOMO. 0.2460	TREND. 0.6621
1955-58	OBS. EXP.	292	134 131.7	76 75.6	52 53.9	16 14.7	6 9.2	5 3.1	2 1.5	1 2.3		
	OBS./EXP. RELATIVE RISK	1.017 1.000	1.006 0.989	0.964 0.948	1.089 1.071	0.654 0.643	1.590 1.563	1.323 1.300	0.434 0.427			
	TEST PROB.	A=C? 0.6138	A=0? 0.4780	A=E? 0.8073	A=F? 0.3176	A=G? 0.3864	A=H? 0.7912	A=CD? 0.5700	A=EF? 0.6478	A=GH? 0.6723	HOMO. 0.8530	TREND. 0.6488
1959-62	OBS. EXP.	350	151 158.2	89 89.7	61 65.2	22 18.2	17 10.8	3 3.7	3 1.8	4 2.5		
	OBS./EXP. RELATIVE RISK	0.955 1.000	0.992 1.040	0.936 0.980	1.212 1.270	1.581 1.656	0.809 0.847	1.695 1.776	1.571 1.645			
	TEST PROB.	A=C? 0.5492	A=0? 0.2552	A=E? 0.0911	A=F? 0.6314	A=G? 0.3626	A=H? 0.3348	A=CD? 0.4343	A=EF? 0.1495	A=GH? 0.2143	HOMO. 0.4375	TREND. 0.0418
1963-66	OBS. EXP.	368	168 166.6	89 94.4	72 68.4	14 18.3	9 11.4	7 4.2	1 1.9	8 2.9		
	OBS./EXP. RELATIVE RISK	1.009 1.000	0.943 0.935	1.053 1.044	0.765 0.759	0.787 0.780	1.679 1.665	0.539 0.534	2.792 2.759			
	TEST PROB.	A=C? 0.4370	A=0? 0.7861	A=E? 0.7322	A=F? 0.2253	A=G? 0.7419	A=H? 0.0301	A=CD? 0.5484	A=EF? 0.4712	A=GH? 0.1155	HOMO. 0.0594	TREND. 0.0169
1967-70	OBS. EXP.	360	159 163.2	98 92.0	63 67.2	15 17.6	12 11.3	6 4.1	0 1.8	7 2.9		
	OBS./EXP. RELATIVE RISK	0.974 1.000	1.065 1.093	0.938 0.962	0.854 0.876	1.062 1.090	1.474 1.513	0.000 0.000	2.433 2.497			
	TEST PROB.	A=C? 0.5927	A=0? 0.6607	A=E? 0.4616	A=F? 0.3051	A=G? 0.2782	A=H? 0.0634	A=CD? 0.6338	A=EF? 0.3470	A=GH? 0.2624	HOMO. 0.1979	TREND. 0.0708
1971-74	OBS. EXP.	375	171 169.1	83 97.3	74 69.8	17 18.0	13 11.7	7 4.2	4 1.9	6 3.0		
	OBS./EXP. RELATIVE RISK	1.011 1.000	0.853 0.844	1.060 1.049	0.946 0.935	1.110 1.098	1.680 1.661	2.093 2.070	1.991 1.969			
	TEST PROB.	A=C? 0.4266	A=0? 0.6076	A=E? 0.4742	A=F? 0.2268	A=G? 0.2252	A=H? 0.1637	A=CD? 0.4733	A=EF? 0.2820	A=GH? 0.0794	HOMO. 0.2004	TREND. 0.0042
1975-78	OBS. EXP.	399	158 178.5	100 105.7	85 73.9	20 18.8	12 12.7	13 4.3	5 2.1	6 3.0		
	OBS./EXP. RELATIVE RISK	0.885 1.000	0.946 1.070	1.150 1.300	1.063 1.201	0.943 1.066	3.057 3.454	2.391 2.702	1.986 2.244			
	TEST PROB.	A=C? 0.0915	A=0? 0.3234	A=E? 0.4583	A=F? 0.0012	A=G? 0.0852	A=H? 0.1212	A=CD? 0.0906	A=EF? 0.0561	A=GH? 0.0272	HOMO. 0.0001	TREND. 0.0000

TABLE 10-20 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-20

HIROSHIMA, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	22	11	7	2	1	0	0	0	1		
	EXP.		10.3	5.9	4.0	0.9	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.064 1.000	1.191 1.119	0.495 0.465	1.108 1.041	0.000 0.000	0.000 0.000	0.000 0.000	9.055 8.511		
	TEST PROB.	A=C? 0.8191	A=D? 0.4437	A=E? 0.8084	A=F? 0.7832	A=G? 0.7708	A=H? 0.2533	A=CD? 0.7857	A=EF? 0.8250	A=GH? 0.2647	HOMO. 0.2393	TREND. 0.1177
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	1	1	0	0	0	0	0	0	0		
	RELATIVE RISK		2.139 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.82266	A=D? 0.7782	A=E? 0.7703	A=F? 0.7645	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.7743	A=GH? 0.7645	HOMO. 0.9923	TREND. 0.6271
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1967-70	OBS. EXP.	4	2	1	0	0	0	0	0	1		
	RELATIVE RISK		1.061 1.000	0.942 0.888	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	51.022 48.092		
	TEST PROB.	A=C? 0.8514	A=D? 0.7865	A=E? 0.7738	A=F? 0.7663	A=G? 0.7630	A=H? 0.2421	A=CD? 0.8651	A=EF? 0.7793	A=GH? 0.2439	HOMO. 0.0000	TREND. 0.0000
1971-74	OBS. EXP.	7	2	4	1	0	0	0	0	0		
	RELATIVE RISK		0.608 1.000	2.136 3.511	0.777 1.278	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3703	A=D? 0.7865	A=E? 0.7738	A=F? 0.7663	A=G? 0.7629	A=H? 0.7636	A=CD? 0.4406	A=EF? 0.7792	A=GH? 0.7662	HOMO. 0.8313	TREND. 0.7219
1975-78	OBS. EXP.	10	6	2	1	1	0	0	0	0		
	RELATIVE RISK		1.275 1.000	0.750 0.588	0.542 0.425	2.431 1.906	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7941	A=D? 0.3128	A=E? 0.7900	A=F? 0.7736	A=G? 0.7663	A=H? 0.7681	A=CD? 0.6970	A=EF? 0.8009	A=GH? 0.7738	HOMO. 0.9523	TREND. 0.6579

TABLE 10-21 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-21

HIROSHIMA, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	70	24	23	12	1	2	1	3	4		
	EXP.	31.7	20.5	10.9	2.6	2.1	0.9	0.6	0.8			
	OBS./EXP. RELATIVE RISK	0.758 1.000	1.121 1.480	1.105 1.459	0.391 0.516	0.955 1.261	1.138 1.503	5.001 6.601	4.889 6.453			
	TEST PROB.	A=C? 0.2741	A=D? 0.7544	A=E? 0.3911	A=F? 0.3412	A=G? 0.0264	A=H? 0.0088	A=CD? 0.3619	A=EF? 0.4099	A=GH? 0.0006	HOMO. 0.0007	TREND. 0.0000
1950-54	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. TOTAL	4	1	3	0	0	0	0	0	0		
	EXP.	1.8	1.1	0.7	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.545 1.000	2.930 5.191	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8267	A=D? 0.7803	A=E? 0.7755	A=F? 0.7662	A=G? 0.7652	A=H? 0.7648	A=CD? 0.8393	A=EF? 0.7808	A=GH? 0.7697	HOMO. 0.6518	TREND. 0.7272
1959-62	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1963-66	OBS. TOTAL	7	3	2	1	0	1	0	0	0		
	EXP.	3.2	1.9	1.1	0.3	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.941 1.000	1.026 1.091	0.879 0.934	0.000 0.000	4.612 4.903	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.5639	A=D? 0.7917	A=E? 0.2637	A=F? 0.7720	A=G? 0.7683	A=H? 0.7715	A=CD? 0.6513	A=EF? 0.2749	A=GH? 0.7789	HOMO. 0.8493	TREND. 0.4975
1967-70	OBS. TOTAL	10	4	4	1	0	0	0	0	1		
	EXP.	4.5	2.8	1.6	0.4	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.879 1.000	1.409 1.603	0.627 0.713	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	8.807 10.016		
	TEST PROB.	A=C? 0.6774	A=D? 0.8031	A=E? 0.7940	A=F? 0.7746	A=G? 0.7717	A=H? 0.2501	A=CD? 0.7324	A=EF? 0.8054	A=GH? 0.2609	HOMO. 0.2818	TREND. 0.0836
1971-74	OBS. TOTAL	21	8	6	4	0	1	0	2	0		
	EXP.	9.5	6.1	3.3	0.8	0.6	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.840 1.000	0.977 1.163	1.226 1.660	0.000 0.000	1.599 1.903	0.000 0.000	11.027 13.123	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4436	A=D? 0.8257	A=E? 0.3152	A=F? 0.7852	A=G? 0.0251	A=H? 0.7825	A=CD? 0.4145	A=EF? 0.3634	A=GH? 0.1436	HOMO. 0.0052	TREND. 0.0632
1975-78	OBS. TOTAL	28	8	8	6	1	0	1	1	3		
	EXP.	12.6	8.5	4.2	1.0	0.8	0.3	0.2	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.634 1.000	0.939 1.481	1.432 2.259	1.034 1.632	0.000 0.000	2.894 4.568	4.551 7.182	9.341 14.741			
	TEST PROB.	A=C? 0.1962	A=D? 0.3251	A=E? 0.8121	A=F? 0.2660	A=G? 0.2551	A=H? 0.0015	A=CD? 0.1973	A=EF? 0.3550	A=GH? 0.0011	HOMO. 0.0001	TREND. 0.0000

TABLE 10-22 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-22

HIROSHIMA, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	273	108	74	57	8	10	10	2	4		
	EXP.	121.3	74.3	47.8	12.9	8.3	3.5	2.0	2.9			
	OBS./EXP. RELATIVE RISK	0.890 1.000	0.996 1.119	1.192 1.339	0.621 0.698	1.211 1.361	2.861 3.214	1.021 1.147	1.360 1.528			
	TEST PROB.	A=C? 0.1121	A=D? 0.7818	A=E? 0.3114	A=F? 0.0077	A=G? 0.4100	A=H? 0.3844	A=CD? 0.2151	A=EF? 0.0368	A=GH? 0.3760	HOMO, 0.0121	TREND, 0.0298
1950-54	OBS. EXP.	12	6 5.3	5 3.2	1 2.1	0 0.6	0 0.4	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	1.127 1.000	1.546 1.372	0.469 0.416	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7996	A=D? 0.8267	A=E? 0.8045	A=F? 0.7805	A=G? 0.7720	A=H? 0.7779	A=CD? 0.8460	A=EF? 0.8196	A=GH? 0.7884	HOMO, 0.8885	TREND, 0.8424
1955-58	OBS. EXP.	15	5 6.7	3 3.9	4 2.7	2 0.8	0 0.4	1 0.2	0 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK	0.748 1.000	0.760 1.017	1.469 1.964	2.580 3.450	0.000 0.000	5.773 7.720	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3505	A=D? 0.3142	A=E? 0.7969	A=F? 0.2538	A=G? 0.7698	A=H? 0.7752	A=CD? 0.2316	A=EF? 0.2980	A=GH? 0.7838	HOMO, 0.3476	TREND, 0.3069
1959-62	OBS. EXP.	21	8 9.4	5 5.6	2 3.7	0 1.0	3 0.6	0 0.3	1 0.1	2 0.2		
	OBS./EXP. RELATIVE RISK	0.856 1.000	0.889 1.040	0.534 0.624	0.000 0.000	4.845 5.663	0.000 0.000	6.825 7.977	8.887 10.387			
	TEST PROB.	A=C? 0.7335	A=D? 0.8419	A=E? 0.0610	A=F? 0.7849	A=G? 0.2540	A=H? 0.0433	A=CD? 0.8037	A=EF? 0.1296	A=GH? 0.0123	HOMO, 0.0001	TREND, 0.0000
1963-66	OBS. EXP.	47	16 21.0	14 12.7	11 8.3	0 2.2	1 1.4	3 0.6	0 0.3	2 0.5		
	OBS./EXP. RELATIVE RISK	0.764 1.000	1.103 1.444	1.330 1.742	0.000 0.000	0.715 0.936	5.003 6.551	0.000 0.000	3.955 5.179			
	TEST PROB.	A=C? 0.1932	A=D? 0.8815	A=E? 0.5808	A=F? 0.0293	A=G? 0.7877	A=H? 0.1477	A=CD? 0.3361	A=EF? 0.1733	A=GH? 0.2918	HOMO, 0.0083	TREND, 0.0118
1967-70	OBS. EXP.	43	15 19.1	12 11.8	11 7.4	3 2.0	2 1.3	0 0.6	0 0.3	0 0.5		
	OBS./EXP. RELATIVE RISK	0.783 1.000	1.017 1.298	1.486 1.897	1.530 1.953	1.505 1.920	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.1633	A=D? 0.3480	A=E? 0.4130	A=F? 0.8064	A=G? 0.7875	A=H? 0.7986	A=CD? 0.1395	A=EF? 0.3836	A=GH? 0.8197	HOMO, 0.6701	TREND, 0.6900
1971-74	OBS. EXP.	55	23 24.5	13 15.0	14 9.6	2 2.6	2 1.7	1 0.7	0 0.4	0 0.6		
	OBS./EXP. RELATIVE RISK	0.939 1.000	0.867 0.923	1.459 1.553	0.780 0.830	1.201 1.278	1.420 1.512	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.2135	A=D? 0.6165	A=E? 0.3907	A=F? 0.3480	A=G? 0.7997	A=H? 0.8146	A=CD? 0.2685	A=EF? 0.4085	A=GH? 0.8421	HOMO, 0.8142	TREND, 0.7072
1975-78	OBS. EXP.	80	35 35.4	22 22.2	14 13.9	1 3.6	2 2.5	5 1.0	1 0.6	0 0.8		
	OBS./EXP. RELATIVE RISK	0.989 1.000	0.993 1.005	1.008 1.019	0.275 0.278	0.815 0.824	4.857 4.913	1.729 1.749	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4627	A=D? 0.8717	A=E? 0.6407	A=F? 0.0119	A=G? 0.3223	A=H? 0.8335	A=CD? 0.6609	A=EF? 0.1503	A=GH? 0.6765	HOMO, 0.0098	TREND, 0.2952

TABLE 10-23 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-23

MIYOSHIWA, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1074	468	251	215	55	41	19	8	17		
	EXP.	481.8	272.3	202.6	52.1	38.2	12.2	5.5	1.842	9.2		
	OBS./EXP.	0.971	0.922	1.061	1.055	1.072	1.562	1.467	1.842	1.842		
	RELATIVE RISK	1.000	0.949	1.092	1.086	1.104	1.608	1.511	1.897	1.897		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2280	0.3591	0.3717	0.0903	0.2549	0.0434	0.2147	0.1675	0.0324	0.0386	0.0002
1950-54	OBS.	76	32	16	15	6	4	2	1	0		
	EXP.	34.1	19.2	14.3	3.7	2.7	0.9	0.4	0.7	0.7		
	OBS./EXP.	0.938	0.835	1.051	1.605	1.487	2.252	2.285	0.000	0.000		
	RELATIVE RISK	1.000	0.890	1.120	1.712	1.586	2.401	2.436	0.000	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4623	0.2588	0.3803	0.3811	0.2935	0.8195	0.3313	0.2412	0.5641	0.5990	0.1968
1955-58	OBS.	111	51	25	21	5	4	2	2	1		
	EXP.	49.8	28.1	20.8	5.5	3.9	1.3	0.6	1.0	1.0		
	OBS./EXP.	1.025	0.888	1.011	0.917	1.014	1.557	3.207	0.980	0.980		
	RELATIVE RISK	1.000	0.867	0.986	0.895	0.989	1.520	3.129	0.956	0.956		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5365	0.6118	0.5347	0.3848	0.2750	0.5638	0.5643	0.4370	0.3768	0.7948	0.1797
1959-62	OBS.	135	55	31	30	11	4	2	1	1		
	EXP.	60.6	34.1	25.4	6.6	4.8	1.5	0.7	1.2	1.2		
	OBS./EXP.	0.908	0.908	1.181	1.660	0.833	1.297	1.391	0.832	0.832		
	RELATIVE RISK	1.000	1.000	1.301	1.828	0.917	1.428	1.532	0.916	0.916		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2235	0.1250	0.6025	0.3832	0.3374	0.5914	0.1334	0.4552	0.4095	0.6658	0.2906
1963-66	OBS.	142	65	32	27	9	4	3	0	2		
	EXP.	63.8	36.1	26.6	6.8	5.2	1.6	0.7	1.3	1.3		
	OBS./EXP.	1.019	0.887	1.015	1.326	0.774	1.860	0.000	1.555	1.555		
	RELATIVE RISK	1.000	0.871	0.996	1.301	0.760	1.826	0.000	1.526	1.526		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5185	0.3571	0.6982	0.3590	0.8230	0.3851	0.4601	0.4753	0.5272	0.8067	0.2819
1967-70	OBS.	189	88	52	32	4	8	1	0	4		
	EXP.	84.8	47.7	36.0	9.0	6.7	2.1	0.9	1.6	1.6		
	OBS./EXP.	1.037	1.089	0.888	0.442	1.189	0.472	0.000	2.511	2.511		
	RELATIVE RISK	1.000	1.050	0.856	0.426	1.147	0.455	0.000	2.421	2.421		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7238	0.9081	0.4592	0.7815	0.8359	0.1789	0.8413	0.5583	0.3755	0.2408	0.3466
1971-74	OBS.	199	91	41	41	8	8	2	2	6		
	EXP.	89.0	50.9	37.7	9.6	7.1	2.2	0.9	1.6	1.6		
	OBS./EXP.	1.023	0.806	1.087	0.837	1.120	0.896	2.266	3.757	3.757		
	RELATIVE RISK	1.000	0.788	1.063	0.819	1.095	0.876	2.216	3.674	3.674		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4380	0.6884	0.4488	0.6108	0.4120	0.0202	0.4749	0.4526	0.0177	0.0227	0.0015
1975-78	OBS.	222	86	54	49	12	9	7	2	3		
	EXP.	99.5	57.0	42.0	10.6	7.9	2.3	0.9	1.6	1.6		
	OBS./EXP.	0.864	0.947	1.165	1.130	1.133	3.017	2.147	1.910	1.910		
	RELATIVE RISK	1.000	1.096	1.349	1.308	1.312	3.492	2.484	2.211	2.211		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1314	0.3130	0.3618	0.0160	0.3531	0.2760	0.1188	0.0793	0.1449	0.0296	0.0013

TABLE 10-24 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-24

HIROSHIMA, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	954	457	235	158	53	27	14	4	6		
	EXP.		434.3	246.8	177.3	49.5	26.2	9.5	4.4	6.0		
	OBS./EXP. RELATIVE RISK		1.052 1.000	0.952 0.905	0.891 0.847	1.071 1.017	1.031 0.980	1.476 1.403	0.915 0.869	0.998 0.948		
	TEST PROB.	A=C? 0.9050	A=D? 0.4470	A=E? 0.5380	A=F? 0.2191	A=G? 0.6246	A=H? 0.5652	A=CD? 0.8596	A=EF? 0.3647	A=GH? 0.6045	HOMO. 0.5000	TREND. 0.3106
1950-54	OBS. TOTAL	161	89	34	21	8	7	1	1	0		
	EXP.		72.7	42.8	29.1	7.9	4.9	1.6	0.8	1.2		
	OBS./EXP. RELATIVE RISK		1.224 1.000	0.795 0.650	0.721 0.589	1.006 0.822	1.425 1.164	0.636 0.519	1.325 1.083	0.000 0.000		
	TEST PROB.	A=C? 0.9491	A=D? 0.6858	A=E? 0.4685	A=F? 0.7526	A=G? 0.4224	A=H? 0.8707	A=CD? 0.9410	A=EF? 0.4710	A=GH? 0.8020	HOMO. 0.1791	TREND. 0.7860
1955-58	OBS. TOTAL	162	77	45	27	9	2	2	0	0		
	EXP.		73.4	42.4	29.7	8.3	4.7	1.6	0.7	1.1		
	OBS./EXP. RELATIVE RISK		1.049 1.000	1.061 1.012	0.908 0.866	1.085 1.034	0.429 0.409	1.222 1.165	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7016	A=D? 0.4550	A=E? 0.8564	A=F? 0.4015	A=G? 0.3285	A=H? 0.8498	A=CD? 0.6645	A=EF? 0.7947	A=GH? 0.8872	HOMO. 0.7681	TREND. 0.9286
1959-62	OBS. TOTAL	193	87	53	29	11	10	1	1	1		
	EXP.		87.8	49.7	35.9	10.4	5.3	1.9	0.9	1.1		
	OBS./EXP. RELATIVE RISK		0.991 1.000	1.067 1.077	0.808 0.815	1.053 1.063	1.883 1.900	0.526 0.531	1.111 1.121	0.597 0.905		
	TEST PROB.	A=C? 0.7721	A=D? 0.4558	A=E? 0.1037	A=F? 0.7470	A=G? 0.4061	A=H? 0.5856	A=CD? 0.7167	A=EF? 0.1987	A=GH? 0.4759	HOMO. 0.3123	TREND. 0.3513
1963-66	OBS. TOTAL	172	84	41	33	5	3	1	1	4		
	EXP.		78.6	43.7	32.4	9.0	4.7	1.9	0.8	1.0		
	OBS./EXP. RELATIVE RISK		1.068 1.000	0.939 0.879	1.018 0.953	0.557 0.521	0.644 0.603	0.535 0.501	1.302 1.219	3.980 3.726		
	TEST PROB.	A=C? 0.5892	A=D? 0.8759	A=E? 0.7800	A=F? 0.7626	A=G? 0.3829	A=H? 0.0584	A=CD? 0.7303	A=EF? 0.8215	A=GH? 0.1022	HOMO. 0.0876	TREND. 0.1270
1967-70	OBS. TOTAL	114	50	29	19	8	2	5	0	1		
	EXP.		52.8	28.6	21.4	6.0	2.9	1.2	0.5	0.7		
	OBS./EXP. RELATIVE RISK		0.948 1.000	1.014 1.070	0.888 0.937	1.332 1.405	0.700 0.738	4.108 4.334	0.000 0.000	1.471 1.552		
	TEST PROB.	A=C? 0.5977	A=D? 0.3145	A=E? 0.6780	A=F? 0.0182	A=G? 0.8040	A=H? 0.3290	A=CD? 0.4691	A=EF? 0.1911	A=GH? 0.5645	HOMO. 0.0540	TREND. 0.0603
1971-74	OBS. TOTAL	93	47	19	14	7	2	4	0	0		
	EXP.		42.8	23.4	17.9	4.8	2.1	0.9	0.4	0.5		
	OBS./EXP. RELATIVE RISK		1.097 1.000	0.812 0.740	0.780 0.711	1.459 1.330	0.937 0.854	4.410 4.020	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8138	A=D? 0.3867	A=E? 0.6182	A=F? 0.0468	A=G? 0.3050	A=H? 0.3156	A=CD? 0.7122	A=EF? 0.2227	A=GH? 0.8461	HOMO. 0.0388	TREND. 0.2053
1975-78	OBS. TOTAL	59	23	14	15	5	1	0	1	0		
	EXP.		26.3	15.3	11.9	3.2	1.3	0.5	0.3	0.2		
	OBS./EXP. RELATIVE RISK		0.875 1.000	0.917 1.048	1.259 1.438	1.368 1.792	0.760 0.868	0.000 0.000	3.093 3.534	0.000 0.000		
	TEST PROB.	A=C? 0.2582	A=D? 0.2666	A=E? 0.5896	A=F? 0.8024	A=G? 0.2687	A=H? 0.7813	A=CD? 0.1971	A=EF? 0.6953	A=GH? 0.2969	HOMO. 0.7097	TREND. 0.3743

TABLE 10-25 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-25

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	574	112	203	128	48	33	24	10	16		
	EXP.	122.9	204.5	119.7	46.1	40.2	20.4	8.9	11.2			
	OBS./EXP. RELATIVE RISK	0.912 1.000	0.993 1.089	1.069 1.173	1.040 1.141	0.821 0.900	1.175 1.289	1.124 1.233	1.423 1.561			
	TEST PROB.	A=C? 0.2261	A=D? 0.3174	A=E? 0.6560	A=F? 0.2323	A=G? 0.3762	A=H? 0.1311	A=CD? 0.2194	A=EF? 0.4765	A=GH? 0.1363	HOMO. 0.5735	TREND. 0.1040
1950-54	OBS. EXP.	56	10 11.5	15 20.7	14 13.1	4 4.2	4 3.3	4 1.6	1 0.7	4 1.0		
	OBS./EXP. RELATIVE RISK	0.868 1.000	0.724 0.834	1.072 1.236	0.957 1.103	1.226 1.413	2.565 2.956	1.444 1.665	3.947 4.548			
	TEST PROB.	A=C? 0.4898	A=D? 0.4228	A=E? 0.4696	A=F? 0.1555	A=G? 0.3216	A=H? 0.0462	A=CD? 0.4806	A=EF? 0.2139	A=GH? 0.0736	HOMO. 0.0373	TREND. 0.0002
1955-58	OBS. EXP.	65	14 12.8	29 24.6	15 15.1	3 4.9	0 3.8	1 1.9	1 0.8	2 1.1		
	OBS./EXP. RELATIVE RISK	1.092 1.000	1.181 1.081	0.990 0.907	0.611 0.559	0.000 0.000	0.539 0.494	1.274 1.166	1.788 1.637			
	TEST PROB.	A=C? 0.5819	A=D? 0.8035	A=E? 0.9510	A=F? 0.7548	A=G? 0.3940	A=H? 0.3893	A=CD? 0.6892	A=EF? 0.9434	A=GH? 0.4270	HOMO. 0.4662	TREND. 0.7097
1959-62	OBS. EXP.	56	8 11.9	25 19.9	13 11.7	3 4.7	4 3.9	0 1.9	1 0.9	2 1.2		
	OBS./EXP. RELATIVE RISK	0.671 1.000	1.253 1.869	1.110 1.655	0.644 0.960	1.038 1.548	0.000 0.000	1.163 1.734	1.735 2.587			
	TEST PROB.	A=C? 0.2836	A=D? 0.5422	A=E? 0.4302	A=F? 0.8622	A=G? 0.3184	A=H? 0.4094	A=CD? 0.3450	A=EF? 0.4326	A=GH? 0.3351	HOMO. 0.5484	TREND. 0.5711
1963-66	OBS. EXP.	85	19 18.6	30 29.6	14 17.8	12 7.0	3 5.9	4 3.0	0 1.4	3 1.8		
	OBS./EXP. RELATIVE RISK	1.023 1.000	1.013 0.990	0.789 0.771	1.717 1.679	0.506 0.495	1.332 1.302	0.000 0.000	1.713 1.675			
	TEST PROB.	A=C? 0.7373	A=D? 0.1849	A=E? 0.8412	A=F? 0.4309	A=G? 0.8697	A=H? 0.4384	A=CD? 0.4608	A=EF? 0.7123	A=GH? 0.5861	HOMO. 0.2917	TREND. 0.3804
1967-70	OBS. EXP.	92	18 20.7	28 31.6	23 18.1	9 7.6	4 6.9	7 3.6	2 1.5	1 1.9		
	OBS./EXP. RELATIVE RISK	0.868 1.000	0.886 1.020	1.267 1.459	1.181 1.360	0.579 0.667	1.946 2.241	1.318 1.517	0.533 0.614			
	TEST PROB.	A=C? 0.2602	A=D? 0.3610	A=E? 0.7414	A=F? 0.1504	A=G? 0.3806	A=H? 0.7191	A=CD? 0.2437	A=EF? 0.4588	A=GH? 0.5136	HOMO. 0.3930	TREND. 0.3682
1971-74	OBS. EXP.	108	21 23.6	42 38.4	18 21.4	11 8.7	9 8.0	5 4.1	1 1.8	1 2.0		
	OBS./EXP. RELATIVE RISK	0.889 1.000	1.094 1.231	0.840 0.945	1.257 1.414	1.129 1.269	1.219 1.371	0.571 0.642	0.501 0.564			
	TEST PROB.	A=C? 0.6181	A=D? 0.3208	A=E? 0.4187	A=F? 0.4488	A=G? 0.6951	A=H? 0.7183	A=CD? 0.4597	A=EF? 0.3790	A=GH? 0.7338	HOMO. 0.8918	TREND. 0.6174
1975-78	OBS. EXP.	112	22 24.8	34 38.9	31 21.9	6 9.2	9 8.7	3 4.5	4 1.9	3 2.1		
	OBS./EXP. RELATIVE RISK	0.888 1.000	0.875 0.985	1.416 1.595	0.652 0.735	1.039 1.171	0.667 0.751	2.055 2.315	1.397 1.574			
	TEST PROB.	A=C? 0.1329	A=D? 0.7288	A=E? 0.4376	A=F? 0.6695	A=G? 0.2044	A=H? 0.4452	A=CD? 0.2627	A=EF? 0.4490	A=GH? 0.1819	HOMO. 0.2595	TREND. 0.2486

TABLE 10-26 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-26

NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR CLASS	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	6	2	0	1	0	0	3	0	0		
	EXP.		1.2	2.4	1.5	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.657 1.000	0.000 0.000	0.664 0.401	0.000 0.000	0.000 0.000	21.780 13.145	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8038	A=D? 0.8401	A=E? 0.8142	A=F? 0.0229	A=G? 0.7743	A=H? 0.7855	A=CD? 0.8481	A=EF? 0.1890	A=GH? 0.7974	HOMO. 0.0000	TREND. 0.0035
1950-54	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. TOTAL	1	0	0	0	0	0	1	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.026 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0047
1959-62	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1963-66	OBS. TOTAL	1	0	0	0	0	0	1	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	37.887 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0119
1967-70	OBS. TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		4.933 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9060	A=D? 0.8183	A=E? 0.7983	A=F? 0.7824	A=G? 0.7698	A=H? 0.7774	A=CD? 0.9243	A=EF? 0.8155	A=GH? 0.7859	HOMO. 0.7874	TREND. 0.6556
1971-74	OBS. TOTAL	1	0	0	1	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	4.910 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.8841	TREND. 0.5668
1975-78	OBS. TOTAL	2	1	0	0	0	0	1	0	0		
	EXP.		0.4	0.8	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		2.471 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	22.530 9.120	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9058	A=D? 0.8187	A=E? 0.7986	A=F? 0.2523	A=G? 0.7699	A=H? 0.7775	A=CD? 0.9244	A=EF? 0.2784	A=GH? 0.7861	HOMO. 0.0017	TREND. 0.0662

TABLE 10-27 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-27

NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	45	4	18	6	3	5	4	4	1		
	EXP.		9.5	16.3	7.4	3.6	4.6	2.2	0.6	0.9		
	OBS./EXP. RELATIVE RISK		0.423 1.000	1.107 2.618	0.814 1.925	0.842 1.991	1.094 2.589	1.798 4.254	6.302 14.909	1.097 2.594		
	TEST PROB.	A=C? 0.3225	A=D? 0.4283	A=E? 0.2298	A=F? 0.1084	A=G? 0.0012	A=H? 0.2902	A=CD? 0.2838	A=EF? 0.1162	A=GH? 0.0148	HOMO. 0.0017	TREND. 0.0059
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK		0.000 X	2.622 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. 0.9778	TREND. 0.6823
1959-62	OBS. EXP.	2	0	1	0	0	0	0	1	0		
	RELATIVE RISK		0.000 X	1.392 X	0.000 X	0.000 X	0.000 X	0.000 X	35.138 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0414
1963-66	OBS. EXP.	3	0	2	0	0	1	0	0	0		
	RELATIVE RISK		0.000 X	1.896 X	0.000 X	0.000 X	3.191 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? 0.2398	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.7816	TREND. 0.5174
1967-70	OBS. EXP.	10	1	5	1	0	1	2	0	0		
	RELATIVE RISK		0.477 1.000	1.382 2.895	0.608 1.274	0.000 0.000	0.987 2.068	4.065 8.516	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3815	A=D? 0.8259	A=E? 0.3059	A=F? 0.2041	A=G? 0.7742	A=H? 0.7841	A=CD? 0.6236	A=EF? 0.3198	A=GH? 0.7960	HOMO. 0.4170	TREND. 0.3002
1971-74	OBS. EXP.	13	2	5	0	2	1	2	1	0		
	RELATIVE RISK		0.734 1.000	1.066 1.452	0.000 0.000	1.932 2.631	0.758 1.032	3.148 4.287	5.424 7.386	0.000 0.000		
	TEST PROB.	A=C? 0.9019	A=D? 0.4040	A=E? 0.4554	A=F? 0.3014	A=G? 0.2556	A=H? 0.7887	A=CD? 0.6226	A=EF? 0.4278	A=GH? 0.2779	HOMO. 0.1801	TREND. 0.0900
1975-78	OBS. EXP.	16	1	4	5	1	2	0	2	1		
	RELATIVE RISK		0.296 1.000	0.699 2.363	1.889 6.388	0.784 2.653	1.221 4.129	0.000 0.000	9.043 30.589	3.146 10.640		
	TEST PROB.	A=C? 0.1426	A=D? 0.2878	A=E? 0.4519	A=F? 0.8079	A=G? 0.0195	A=H? 0.2497	A=CD? 0.1804	A=EF? 0.3577	A=GH? 0.0253	HOMO. 0.0038	TREND. 0.0165

TABLE 10-28 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM
NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 10-28

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	89	19	26	16	10	6	9	2	1		
	EXP.	20.2		28.9	16.2	7.8	7.8	4.4	1.9	1.8		
	OBS./EXP.	0.939	0.900	0.988	1.290	0.773	2.024	1.037	0.553			
	RELATIVE RISK	1.000	0.959	1.053	1.373	0.823	2.155	1.104	0.589			
	TEST PROB.	A=C? 0.4537	A=D? 0.3427	A=E? 0.6677	A=F? 0.1224	A=G? 0.4192	A=H? 0.7160	A=CD? 0.4271	A=EF? 0.3526	A=GH? 0.6234	HOMO, 0.4857	TREND, 0.2889
1950-54	OBS. TOTAL	2	0	1	0	0	0	1	0	0		
	EXP.	0.5		0.7	0.4	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP.	0.000	1.534	0.000	0.000	0.000	0.000	9.843	0.000	0.000		
	RELATIVE RISK	X	X	X	X	X	X	X	X	X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO, 0.2262	TREND, 0.1998
1955-58	OBS. TOTAL	4	1	3	0	0	0	0	0	0		
	EXP.	0.8		1.5	0.8	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.	1.281	1.996	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.559	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.8945	A=D? 0.2264	A=E? 0.8244	A=F? 0.7962	A=G? 0.7785	A=H? 0.7820	A=CD? 0.9186	A=EF? 0.8478	A=GH? 0.7978	HOMO, 0.8590	TREND, 0.8172
1959-62	OBS. TOTAL	5	1	4	0	0	0	0	0	0		
	EXP.	1.1		1.7	0.9	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP.	0.900	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	2.666	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.8943	A=D? 0.8255	A=E? 0.8250	A=F? 0.7966	A=G? 0.7788	A=H? 0.7812	A=CD? 0.9185	A=EF? 0.8486	A=GH? 0.7973	HOMO, 0.5934	TREND, 0.8682
1963-66	OBS. TOTAL	12	5	5	0	2	0	0	0	0		
	EXP.	2.6		4.1	2.3	1.0	1.0	0.6	0.2	0.2		
	OBS./EXP.	1.917	1.229	0.000	2.007	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.641	0.000	1.047	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.9538	A=D? 0.4416	A=E? 0.9006	A=F? 0.8608	A=G? 0.8132	A=H? 0.8093	A=CD? 0.8927	A=EF? 0.9363	A=GH? 0.8479	HOMO, 0.3543	TREND, 0.9050
1967-70	OBS. TOTAL	16	3	2	5	2	0	3	1	0		
	EXP.	3.7		5.0	2.9	1.4	1.4	0.8	0.4	0.3		
	OBS./EXP.	0.812	0.397	1.737	1.398	0.000	3.579	2.827	0.000	0.000		
	RELATIVE RISK	1.000	0.489	2.140	1.722	0.000	4.411	3.484	0.000	0.000		
	TEST PROB.	A=C? 0.3175	A=D? 0.3651	A=E? 0.8718	A=F? 0.1298	A=G? 0.2753	A=H? 0.7923	A=CD? 0.3403	A=EF? 0.3893	A=GH? 0.3172	HOMO, 0.0906	TREND, 0.1641
1971-74	OBS. TOTAL	20	3	6	1	3	4	3	0	0		
	EXP.	4.5		6.5	3.6	1.8	1.8	1.0	0.4	0.4		
	OBS./EXP.	0.661	0.924	0.276	1.704	2.273	3.043	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.399	0.418	2.579	3.441	4.607	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.2015	A=D? 0.3340	A=E? 0.1934	A=F? 0.1525	A=G? 0.7972	A=H? 0.7968	A=CD? 0.4255	A=EF? 0.1096	A=GH? 0.8259	HOMO, 0.1288	TREND, 0.1544
1975-78	OBS. TOTAL	30	6	5	10	3	2	2	1	1		
	EXP.	7.0		9.5	5.3	2.8	2.6	1.5	0.7	0.6		
	OBS./EXP.	0.857	0.528	1.878	1.044	0.763	1.340	1.430	1.423	1.623		
	RELATIVE RISK	1.000	0.616	2.192	1.265	0.890	1.564	1.668	1.894	1.894		
	TEST PROB.	A=C? 0.1903	A=D? 0.3976	A=E? 0.5988	A=F? 0.3732	A=G? 0.3281	A=H? 0.3078	A=CD? 0.2377	A=EF? 0.4164	A=GH? 0.3836	HOMO, 0.4193	TREND, 0.2194

TABLE 10-29 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM

TABLE 10-29

NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	
		A	B	C	D	E	F	G	H		
1950-78	OBS.	275	53	108	63	21	15	4	3	8	
TOTAL	EXP.	61.0	96.3	56.3	22.5	18.8	9.4	4.6	6.1		
	OBS./EXP.	0.869	1.121	1.119	0.935	0.796	0.424	0.647	1.317		
	RELATIVE RISK	1.000	1.290	1.288	1.075	0.916	0.488	0.744	1.515		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.1752	0.4927	0.6261	0.8708	0.6986	0.2733	0.2153	0.7852	0.4273	
	HOMO.									0.2823	
	TREND.									0.8055	
1950-54	OBS.	17	3	8	3	1	0	1	0	1	
	EXP.	3.6	6.1	3.5	1.4	1.1	0.6	0.3	0.4		
	OBS./EXP.	0.824	1.319	0.846	0.740	0.000	1.761	0.000	2.508		
	RELATIVE RISK	1.000	1.601	1.026	0.898	0.000	2.136	0.000	3.043		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.4019	0.5834	0.8558	0.3029	0.7923	0.2817	0.4523	0.6761	0.3236	
	HOMO.									0.8253	
	TREND.									0.3895	
1955-58	OBS.	19	3	8	7	0	0	0	1	0	
	EXP.	4.0	6.9	4.0	1.5	1.2	0.6	0.3	0.4		
	OBS./EXP.	0.749	1.161	1.750	0.000	0.000	0.000	3.132	0.000		
	RELATIVE RISK	1.000	1.551	2.337	0.000	0.000	0.000	4.183	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.2245	0.8718	0.8599	0.8154	0.2716	0.8016	0.3757	0.8875	0.3247	
	HOMO.									0.3313	
	TREND.									0.8081	
1959-62	OBS.	34	5	15	8	1	3	0	0	2	
	EXP.	7.5	11.9	6.8	2.9	2.4	1.2	0.6	0.8		
	OBS./EXP.	0.669	1.259	1.171	0.347	1.250	0.000	0.000	2.644		
	RELATIVE RISK	1.000	1.881	1.750	0.519	1.868	0.000	0.000	3.950		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.3059	0.7506	0.4496	0.8380	0.8026	0.2599	0.4361	0.3966	0.4324	
	HOMO.									0.4243	
	TREND.									0.4045	
1963-66	OBS.	42	7	15	8	7	1	2	0	2	
	EXP.	9.6	14.3	8.3	3.6	3.0	1.5	0.7	0.9		
	OBS./EXP.	0.728	1.049	0.968	1.925	0.331	1.331	0.000	2.106		
	RELATIVE RISK	1.000	1.442	1.330	2.645	0.455	1.829	0.000	2.894		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.4496	0.1319	0.7796	0.3881	0.8137	0.3467	0.2437	0.5938	0.3775	
	HOMO.									0.3994	
	TREND.									0.2774	
1967-70	OBS.	52	12	16	13	5	3	1	1	1	
	EXP.	12.1	17.6	10.4	4.4	3.6	1.9	0.9	0.9	1.2	
	OBS./EXP.	0.989	0.909	1.256	1.144	0.823	0.538	1.137	0.860		
	RELATIVE RISK	1.000	0.919	1.269	1.156	0.832	0.544	1.150	0.869		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.4755	0.4228	0.6454	0.7421	0.4007	0.6101	0.4324	0.7089	0.5293	
	HOMO.									0.9832	
	TREND.									0.6359	
1971-74	OBS.	55	10	24	12	5	3	0	0	1	
	EXP.	12.7	19.0	11.3	4.3	3.8	1.9	0.9	0.9	1.1	
	OBS./EXP.	0.790	1.263	1.061	1.158	0.798	0.000	0.000	0.888		
	RELATIVE RISK	1.000	1.599	1.343	1.466	1.010	0.000	0.000	1.124		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.3620	0.4224	0.5195	0.8765	0.8302	0.4033	0.3425	0.7337	0.7098	
	HOMO.									0.6466	
	TREND.									0.8904	
1975-78	OBS.	56	13	22	12	2	5	0	1	1	
	EXP.	12.5	19.7	11.7	4.4	3.8	1.9	0.9	0.9	1.1	
	OBS./EXP.	1.042	1.116	1.022	0.452	1.329	0.000	1.106	0.922		
	RELATIVE RISK	1.000	1.072	0.981	0.434	1.276	0.000	1.062	0.885		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	
	PROB.	0.5277	0.8416	0.4388	0.8947	0.4377	0.5943	0.6672	0.6416	0.5516	
	HOMO.									0.7830	
	TREND.									0.7384	

TABLE 10-30 MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM
NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 10-30

YEAR CLASS	TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 159	34 31.0	51 60.7	42 38.4	14 12.0	7 8.8	4 4.2	1 1.6	6 2.3			
	OBS./EXP. RELATIVE RISK	1.097 1.000	0.840 0.766	1.094 0.998	1.171 1.067	0.796 0.725	0.956 0.871	0.608 0.554	2.554 2.328			
	TEST PROB.	A=C? 0.5590	A=D? 0.4599	A=E? 0.7488	A=F? 0.6240	A=G? 0.7358	A=H? 0.1251	A=CD? 0.5127	A=EF? 0.7371	A=GH? 0.2729	HOMO, 0.2581	TREND, 0.0756
1950-54	OBS. EXP. 37	7 7.4	6 14.0	11 9.1	3 2.7	4 1.9	2 0.9	1 0.4	3 0.6			
	OBS./EXP. RELATIVE RISK	0.942 1.000	0.429 0.455	1.203 1.276	1.130 1.199	2.053 2.178	2.247 2.385	2.812 2.984	5.230 5.550			
	TEST PROB.	A=C? 0.4433	A=D? 0.4039	A=E? 0.2862	A=F? 0.4686	A=G? 0.2826	A=H? 0.0595	A=CD? 0.4667	A=EF? 0.2166	A=GH? 0.0623	HOMO, 0.0052	TREND, 0.0000
1955-58	OBS. EXP. 40	10 7.6	17 15.4	8 9.9	3 3.0	0 2.1	0 1.0	0 0.4	2 0.6			
	OBS./EXP. RELATIVE RISK	1.311 1.000	1.104 0.842	0.808 0.616	1.010 0.770	0.000 0.000	0.000 0.000	0.000 0.000	3.477 2.652			
	TEST PROB.	A=C? 0.8115	A=D? 0.6772	A=E? 0.9236	A=F? 0.8673	A=G? 0.8102	A=H? 0.3656	A=CD? 0.8075	A=EF? 0.9523	A=GH? 0.3795	HOMO, 0.2999	TREND, 0.5038
1959-62	OBS. EXP. 15	2 2.9	5 5.6	5 3.6	2 1.2	1 0.8	0 0.4	0 0.2	0 0.3			
	OBS./EXP. RELATIVE RISK	0.684 1.000	0.886 1.294	1.382 2.019	1.670 2.441	1.216 1.776	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4560	A=D? 0.4025	A=E? 0.3186	A=F? 0.7962	A=G? 0.7758	A=H? 0.7902	A=CD? 0.3615	A=EF? 0.3766	A=GH? 0.8028	HOMO, 0.9433	TREND, 0.6908
1963-66	OBS. EXP. 27	7 5.5	8 9.8	6 6.5	3 2.1	1 1.6	1 0.8	0 0.4	1 0.5			
	OBS./EXP. RELATIVE RISK	1.269 1.000	0.815 0.642	0.930 0.733	1.463 1.153	0.641 0.505	1.312 1.034	0.000 0.000	2.049 1.615			
	TEST PROB.	A=C? 0.7188	A=D? 0.3997	A=E? 0.7590	A=F? 0.4391	A=G? 0.8089	A=H? 0.3437	A=CD? 0.6515	A=EF? 0.7071	A=GH? 0.5991	HOMO, 0.9341	TREND, 0.3680
1967-70	OBS. EXP. 13	1 2.6	5 5.0	4 3.0	2 1.0	0 0.8	1 0.4	0 0.1	0 0.2			
	OBS./EXP. RELATIVE RISK	0.384 1.000	1.009 2.625	1.323 3.442	2.077 5.403	0.000 0.000	2.593 6.744	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.3290	A=D? 0.3294	A=E? 0.8181	A=F? 0.2565	A=G? 0.7695	A=H? 0.7746	A=CD? 0.2560	A=EF? 0.2959	A=GH? 0.7830	HOMO, 0.7209	TREND, 0.4982
1971-74	OBS. EXP. 19	6 3.5	7 7.8	4 4.1	1 1.6	1 1.1	0 0.5	0 0.2	0 0.2			
	OBS./EXP. RELATIVE RISK	1.717 1.000	0.896 0.522	0.976 0.569	0.638 0.372	0.913 0.532	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8034	A=D? 0.8244	A=E? 0.7526	A=F? 0.8465	A=G? 0.8019	A=H? 0.7971	A=CD? 0.8474	A=EF? 0.8337	A=GH? 0.8289	HOMO, 0.9799	TREND, 0.8529
1975-78	OBS. EXP. 8	1 1.5	3 3.2	4 1.7	0 0.6	0 0.6	0 0.3	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.661 1.000	0.947 1.433	2.375 3.594	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.3192	A=D? 0.8238	A=E? 0.8238	A=F? 0.8017	A=G? 0.7734	A=H? 0.7713	A=CD? 0.4708	A=EF? 0.8510	A=GH? 0.7835	HOMO, 0.6538	TREND, 0.8298

TABLE 11-1 MALIGNANT NEOPLASMS OF ESOPHAGUS

TABLE 11-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	156	68	26	36	10	5	8	0	3	
	EXP.		63.1	43.3	29.1	8.7	6.5	2.5	1.1	1.7	
	OBS./EXP. RELATIVE RISK		1.078 1.000	0.601	1.237 1.399	1.145 1.295	0.775 0.877	3.209 3.631	0.000 0.000	1.773 2.007	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.1303	0.3514	0.6358	0.0068	0.8421	0.3118	0.1222	0.1406	0.0297	0.0013 0.0329
1950-54	OBS. TOTAL	20	10	3	4	1	1	1	0	0	
	EXP.		8.0	5.7	3.9	1.1	0.7	0.3	0.1	0.2	
	OBS./EXP. RELATIVE RISK		1.249 1.000	0.522	1.035 1.095	0.931 0.985	1.369 1.448	3.822 4.042	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.4350	0.4857	0.3464	0.2679	0.7733	0.7824	0.4410	0.3857	0.3136	0.7394 0.4015
1955-58	OBS. TOTAL	17	5	5	4	0	0	3	0	0	
	EXP.		6.9	4.8	3.3	0.9	0.6	0.2	0.1	0.2	
	OBS./EXP. RELATIVE RISK		0.729 1.000	1.039	1.228 1.433	0.000 0.000	0.000 0.000	12.524 14.617	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.4422	0.8349	0.8182	0.0011	0.7727	0.7773	0.4271	0.1889	0.0297	0.0000 0.0476
1959-62	OBS. TOTAL	15	6	3	2	2	1	0	0	1	
	EXP.		6.3	4.1	2.8	0.9	0.6	0.2	0.1	0.2	
	OBS./EXP. RELATIVE RISK		0.958 1.000	0.739	0.722 0.828	2.350 2.695	1.679 1.925	0.000 0.000	0.000 0.000	6.439 7.385	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.6387	0.3406	0.3117	0.7808	0.7696	0.2555	0.4129	0.4653	0.2890	0.4030 0.0543
1963-66	OBS. TOTAL	30	14	5	6	3	0	0	0	2	
	EXP.		12.1	8.4	5.7	1.7	1.2	0.5	0.2	0.3	
	OBS./EXP. RELATIVE RISK		1.161 1.000	0.596	1.060 1.140	1.777 1.912	0.000 0.000	0.000 0.000	0.000 0.000	6.190 6.658	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.4319	0.3988	0.9594	0.8098	0.7846	0.1107	0.3929	0.5902	0.4333	0.0662 0.0761
1967-70	OBS. TOTAL	28	15	3	6	2	0	2	0	0	
	EXP.		10.8	7.7	5.1	1.7	1.4	0.6	0.2	0.4	
	OBS./EXP. RELATIVE RISK		1.383 1.000	0.388	1.167 1.205	1.178 1.216	0.000 0.000	3.359 3.468	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.4567	0.4026	0.8632	0.2528	0.7874	0.7961	0.4781	0.6377	0.3929	0.1844 0.6089
1971-74	OBS. TOTAL	24	12	1	6	1	2	2	0	0	
	EXP.		9.8	6.4	4.4	1.4	1.0	0.4	0.2	0.3	
	OBS./EXP. RELATIVE RISK		1.223 1.000	0.156	1.354 1.691	0.719 0.898	1.909 2.384	4.688 5.855	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.2923	0.5204	0.4212	0.0645	0.7742	0.7804	0.3305	0.1656	0.2304	0.0746 0.1893
1975-78	OBS. TOTAL	22	6	6	8	1	1	0	0	0	
	EXP.		9.3	6.0	4.1	1.1	0.8	0.3	0.1	0.2	
	OBS./EXP. RELATIVE RISK		0.647 1.000	0.995	1.947 2.484	0.903 1.152	1.186 1.512	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
		0.1084	0.3953	0.3364	0.7908	0.7736	0.7768	0.1360	0.6064	0.8137	0.5956 0.6805

TABLE 11-2 MALIGNANT NEOPLASMS OF ESOPHAGUS

TABLE 11-2

MIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	126	59	19	28	7	3	7	0	3
	EXP.	56.4	33.1	22.9	6.2	4.3	1.4	0.6	1.1	
	OBS./EXP. RELATIVE RISK	1.046	0.575	1.222	1.128	0.702	4.963	0.000	2.764	
	TEST PROB.	0.1556	0.3977	0.6618	0.0007	0.8129	0.1512	0.1467	0.0034	0.0000
1950-54	OBS. TOTAL	16	9	2	2	1	1	0	0	0
	EXP.	7.2	4.3	2.9	0.8	0.5	0.2	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	1.253	0.470	0.695	1.274	1.933	6.081	0.000	0.000	0.000
	TEST PROB.	0.6861	0.3630	0.3099	0.2579	0.7694	0.7755	0.6270	0.4240	0.2856
1955-58	OBS. TOTAL	14	5	3	3	0	0	3	0	0
	EXP.	6.3	3.7	2.6	0.7	0.5	0.2	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	0.795	0.821	1.175	0.000	0.000	19.570	0.000	0.000	0.000
	TEST PROB.	0.4099	0.8166	0.8009	0.0000	0.7672	0.7717	0.4111	0.0940	0.0062
1959-62	OBS. TOTAL	13	5	3	1	2	1	0	0	1
	EXP.	5.8	3.4	2.4	0.7	0.5	0.1	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	0.861	0.884	0.425	2.978	2.206	0.000	0.000	0.000	9.187
	TEST PROB.	0.7613	0.2747	0.2952	0.7755	0.7673	0.2516	0.4122	0.3493	0.2759
1963-66	OBS. TOTAL	24	11	3	6	2	0	0	0	2
	EXP.	10.7	6.3	4.3	1.2	0.8	0.3	0.1	0.1	0.2
	OBS./EXP. RELATIVE RISK	1.023	0.477	1.381	1.676	0.000	0.000	0.000	0.000	9.805
	TEST PROB.	0.2978	0.4356	0.3251	0.7856	0.7712	0.0270	0.2363	0.3860	0.2202
1967-70	OBS. TOTAL	20	12	2	5	0	0	1	0	0
	EXP.	8.9	5.2	3.7	1.0	0.7	0.2	0.1	0.1	0.2
	OBS./EXP. RELATIVE RISK	1.343	0.386	1.359	0.000	0.000	4.312	0.000	0.000	0.000
	TEST PROB.	0.4538	0.8452	0.8238	0.2677	0.7710	0.7798	0.4321	0.6167	0.3088
1971-74	OBS. TOTAL	19	12	0	4	1	0	2	0	0
	EXP.	8.5	4.9	3.5	0.9	0.6	0.2	0.1	0.1	0.2
	OBS./EXP. RELATIVE RISK	1.410	0.000	1.129	1.080	0.000	9.576	0.000	0.000	0.000
	TEST PROB.	0.4207	0.3944	0.3143	0.0332	0.7698	0.7760	0.4360	0.4602	0.1632
1975-78	OBS. TOTAL	20	5	6	7	1	1	0	0	0
	EXP.	8.9	5.3	3.7	1.0	0.7	0.2	0.1	0.1	0.2
	OBS./EXP. RELATIVE RISK	0.564	1.123	1.900	1.031	1.458	0.000	0.000	0.000	0.000
	TEST PROB.	0.1294	0.3536	0.3102	0.7801	0.7705	0.7745	0.1474	0.4086	0.8007

TABLE 11-3 MALIGNANT NEOPLASMS OF ESOPHAGUS
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 11-3

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	30	9	7	8	3	2	1	0	0	
	EXP.		6.7	10.2	6.2	2.5	2.2	1.1	0.5	0.6	
	OBS./EXP. RELATIVE RISK		1.343 1.000	0.685	1.291 1.366	1.184 1.253	0.917 0.970	0.923 0.977	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.3885	AB=D? 0.4049	AB=E? 0.5307	AB=F? 0.4499	AB=G? 0.8031	AB=H? 0.8140	AB=CD? 0.3706	AB=E-H? 0.6939	AB=FGH? HOMO. 0.7544 0.8317	TREND. 0.7918
1950-54	OBS. EXP.	4	1 0.8	1 1.5	2 1.0	0 0.3	0 0.2	0 0.1	0 0.0	0 0.1	
	OBS./EXP. RELATIVE RISK		1.219 1.000	0.671	2.027 2.342	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.3794	AB=D? 0.7974	AB=E? 0.7890	AB=F? 0.7741	AB=G? 0.7660	AB=H? 0.7706	AB=CD? 0.3576	AB=E-H? 0.8123	AB=FGH? HOMO. 0.7883 0.9628	TREND. 0.7253
1955-58	OBS. EXP.	3	0 0.6	2 1.2	1 0.7	0 0.2	0 0.2	0 0.1	0 0.0	0 0.0	
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.726	1.419 1.224	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.3805	AB=D? 0.7967	AB=E? 0.7910	AB=F? 0.7762	AB=G? 0.7678	AB=H? 0.7688	AB=CD? 0.5760	AB=E-H? 0.8153	AB=FGH? HOMO. 0.7902 0.9657	TREND. 0.7177
1959-62	OBS. EXP.	2	1 0.5	0 0.7	1 0.4	0 0.2	0 0.1	0 0.1	0 0.0	0 0.0	
	OBS./EXP. RELATIVE RISK		2.189 1.000	0.000	2.412 2.707	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.2866	AB=D? 0.7895	AB=E? 0.7820	AB=F? 0.7703	AB=G? 0.7644	AB=H? 0.7685	AB=CD? 0.3136	AB=E-H? 0.8006	AB=FGH? HOMO. 0.7816 0.9191	TREND. 0.6945
1963-66	OBS. EXP.	6	3 1.3	2 2.1	0 1.3	1 0.5	0 0.4	0 0.2	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK		2.298 1.000	0.955	0.000 0.000	2.021 1.374	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.9040	AB=D? 0.3558	AB=E? 0.8191	AB=F? 0.7920	AB=G? 0.7762	AB=H? 0.7814	AB=CD? 0.8190	AB=E-H? 0.8602	AB=FGH? HOMO. 0.8203 0.6791	TREND. 0.7962
1967-70	OBS. EXP.	8	3 1.9	1 2.5	1 1.5	2 0.7	0 0.7	1 0.4	0 0.1	0 0.2	
	OBS./EXP. RELATIVE RISK		1.569 1.000	0.393	0.684 0.762	2.823 3.145	0.000 0.000	2.751 3.065	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.6358	AB=D? 0.3486	AB=E? 0.8275	AB=F? 0.2804	AB=G? 0.7798	AB=H? 0.7816	AB=CD? 0.3952	AB=E-H? 0.6412	AB=FGH? HOMO. 0.3336 0.5142	TREND. 0.4748
1971-74	OBS. EXP.	5	0 1.3	1 1.5	2 0.9	0 0.5	2 0.4	0 0.2	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK		0.000 1.000	0.672	2.251 6.277	0.000 0.000	4.693 13.085	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.2924	AB=D? 0.7919	AB=E? 0.1258	AB=F? 0.7748	AB=G? 0.7678	AB=H? 0.7686	AB=CD? 0.4533	AB=E-H? 0.2877	AB=FGH? HOMO. 0.7889 0.2145	TREND. 0.3680
1975-78	OBS. EXP.	2	1 0.4	0 0.7	1 0.4	0 0.2	0 0.2	0 0.1	0 0.0	0 0.0	
	OBS./EXP. RELATIVE RISK		2.369 1.000	0.000	2.360 2.617	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.2892	AB=D? 0.7908	AB=E? 0.7908	AB=F? 0.7794	AB=G? 0.7660	AB=H? 0.7650	AB=CD? 0.3126	AB=E-H? 0.8139	AB=FGH? HOMO. 0.7884 0.9086	TREND. 0.6945

TABLE 12-1 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD								TREND.	
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G		400+ H
1950-78	OBS.	1754	708	473	340	91	64	32	17	29	
	EXP.	718.0	484.3	331.8	96.2	67.0	26.7	12.2	17.6		
	OBS./EXP.	0.936	0.977	1.025	0.946	0.955	1.198	1.389	1.650		
	RELATIVE RISK	1.000	0.990	1.039	0.959	0.968	1.214	1.409	1.673		
	TEST PROB.	A=C? 0.3349	A=0? 0.5772	A=E? 0.5233	A=F? 0.2100	A=G? 0.1783	A=H? 0.0266	A=CD? 0.3877	A=EF? 0.3388	A=GH? 0.0182	HOMO. 0.1203
1950-54	OBS.	183	80	42	28	15	11	2	2	3	
	EXP.	74.8	51.3	35.0	9.8	6.7	2.5	1.2	1.8		
	OBS./EXP.	1.069	0.819	0.800	1.531	1.645	0.810	1.722	1.670		
	RELATIVE RISK	1.000	0.766	0.748	1.432	1.538	0.757	1.610	1.562		
	TEST PROB.	A=C? 0.8297	A=0? 0.1577	A=E? 0.1581	A=F? 0.5895	A=G? 0.4762	A=H? 0.3764	A=CD? 0.6595	A=EF? 0.2296	A=GH? 0.2470	HOMO. 0.1598
1955-58	OBS.	241	93	75	49	12	5	2	2	3	
	EXP.	93.2	67.3	46.4	13.2	8.7	3.4	1.6	2.3		
	OBS./EXP.	0.947	1.114	1.057	0.912	0.573	0.595	1.289	1.291		
	RELATIVE RISK	1.000	1.176	1.115	0.963	0.604	0.628	1.360	1.362		
	TEST PROB.	A=C? 0.3474	A=0? 0.5572	A=E? 0.3106	A=F? 0.7439	A=G? 0.3838	A=H? 0.4132	A=CD? 0.3701	A=EF? 0.8315	A=GH? 0.4281	HOMO. 0.7924
1959-62	OBS.	257	107	66	48	15	13	3	3	2	
	EXP.	109.1	68.8	48.5	14.2	9.0	3.5	1.6	2.3		
	OBS./EXP.	0.980	0.960	0.989	1.055	1.438	0.868	1.856	0.888		
	RELATIVE RISK	1.000	0.979	1.009	1.076	1.466	0.885	1.893	0.905		
	TEST PROB.	A=C? 0.4762	A=0? 0.4371	A=E? 0.1449	A=F? 0.4697	A=G? 0.3074	A=H? 0.4670	A=CD? 0.4853	A=EF? 0.1752	A=GH? 0.3786	HOMO. 0.8623
1963-66	OBS.	265	107	68	55	14	9	4	1	7	
	EXP.	110.1	71.6	50.1	14.7	10.1	4.1	1.8	2.7		
	OBS./EXP.	0.972	0.950	1.098	0.956	0.894	0.982	0.547	2.628		
	RELATIVE RISK	1.000	0.977	1.130	0.983	0.919	1.010	0.563	2.703		
	TEST PROB.	A=C? 0.3144	A=0? 0.4890	A=E? 0.5672	A=F? 0.4298	A=G? 0.7216	A=H? 0.0477	A=CD? 0.3496	A=EF? 0.4694	A=GH? 0.1466	HOMO. 0.3017
1967-70	OBS.	274	111	77	54	8	9	7	2	6	
	EXP.	112.6	74.6	51.7	15.1	10.8	4.5	1.9	2.8		
	OBS./EXP.	0.986	1.032	1.044	0.529	0.836	1.570	1.030	2.114		
	RELATIVE RISK	1.000	1.047	1.059	0.536	0.848	1.592	1.045	2.144		
	TEST PROB.	A=C? 0.4456	A=0? 0.8952	A=E? 0.6260	A=F? 0.2001	A=G? 0.4230	A=H? 0.1086	A=CD? 0.6398	A=EF? 0.4107	A=GH? 0.1673	HOMO. 0.2629
1971-74	OBS.	273	119	69	51	12	9	6	3	4	
	EXP.	110.6	76.1	51.5	14.9	10.8	4.4	2.0	2.7		
	OBS./EXP.	1.076	0.906	0.991	0.807	0.836	1.352	1.535	1.472		
	RELATIVE RISK	1.000	0.842	0.921	0.751	0.777	1.257	1.427	1.368		
	TEST PROB.	A=C? 0.6596	A=0? 0.8129	A=E? 0.7841	A=F? 0.4369	A=G? 0.4116	A=H? 0.4474	A=CD? 0.7368	A=EF? 0.7081	A=GH? 0.3806	HOMO. 0.7909
1975-78	OBS.	261	91	76	55	15	8	8	4	4	
	EXP.	103.2	74.2	48.9	14.4	11.1	4.5	2.0	2.7		
	OBS./EXP.	0.382	1.025	1.124	1.044	0.721	1.766	1.974	1.503		
	RELATIVE RISK	1.000	1.162	1.274	1.184	0.818	2.003	2.239	1.704		
	TEST PROB.	A=C? 0.1574	A=0? 0.3694	A=E? 0.7141	A=F? 0.1245	A=G? 0.2291	A=H? 0.3485	A=CD? 0.1476	A=EF? 0.4190	A=GH? 0.1660	HOMO. 0.2840

TABLE 12-2 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	21	10	6	2	0	0	2	0	1		
	EXP.	8.5	6.2	4.2	1.0	0.5	0.3	0.1	0.2			
	OBS./EXP. RELATIVE RISK	1.172 0.8777	0.962 0.8690	0.477 0.8327	0.000 0.2090	0.000 0.7792	0.000 0.2647	7.903 0.9160	0.000 0.3734	6.051 0.2840	5.164 0.0073	0.0121
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	0
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1955-58	OBS. EXP.	1	0	0	0	0	0	1	0	0	0	0
	EXP.	0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.026 X	0.000 X	0.000 X	0.000 X	0.000 X
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1959-62	OBS. EXP.	1	1	0	0	0	0	0	0	0	0	0
	EXP.	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK	2.139 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	0
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1967-70	OBS. EXP.	4	2	1	0	0	0	0	0	0	1	1
	EXP.	1.6	1.2	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK	1.234 1.000	0.845 0.685	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	31.930 0.000	25.878
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1971-74	OBS. EXP.	6	1	3	2	0	0	0	0	0	0	0
	EXP.	2.5	1.7	1.2	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK	0.393 1.000	1.723 4.382	1.723 1.431	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
1975-78	OBS. EXP.	9	6	2	0	0	0	1	0	0	0	0
	EXP.	3.7	2.6	1.8	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.1
	OBS./EXP. RELATIVE RISK	1.621 1.000	0.755 0.466	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	9.635 5.942	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.

TABLE 12-3 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	65	17	24	9	3	5	1	3	3		
	EXP.	22.9	20.7	10.4	3.6	3.9	1.8	0.7	1.0	1.0		
	OBS./EXP. RELATIVE RISK	0.741 1.000	1.160 1.565	0.867 1.170	0.843 1.137	1.279 1.726	0.546 0.736	4.192 5.656	3.086 4.164			
	TEST PROB.	A=C? 0.4167	A=D? 0.4055	A=E? 0.3002	A=F? 0.4440	A=G? 0.0457	A=H? 0.0627	A=CD? 0.3921	A=EF? 0.3964	A=GH? 0.0099	HOMO. 0.0395	TREND. 0.0042
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	5	1	4	0	0	0	0	0	0		
	RELATIVE RISK	2.0	1.4	0.8	0.2	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.491 1.000	2.775 5.651	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8267	A=D? 0.7803	A=E? 0.7755	A=F? 0.7662	A=G? 0.7652	A=H? 0.7648	A=CD? 0.8393	A=EF? 0.7808	A=GH? 0.7697	HOMO. 0.4657	TREND. 0.7757
1959-62	OBS. EXP.	2	0	1	0	0	0	0	1	0		
	RELATIVE RISK	0.4	0.7	0.3	0.2	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000 X	1.392 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	35.138 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0173
1963-66	OBS. EXP.	6	2	3	0	0	1	0	0	0		
	RELATIVE RISK	2.3	1.8	1.0	0.3	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.885 1.000	1.657 1.872	0.000 0.000	0.000 0.000	2.944 3.326	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8446	A=D? 0.7857	A=E? 0.2726	A=F? 0.7691	A=G? 0.7667	A=H? 0.7684	A=CD? 0.8586	A=EF? 0.2928	A=GH? 0.7744	HOMO. 0.8123	TREND. 0.5890
1967-70	OBS. EXP.	13	3	6	2	0	1	0	0	1		
	RELATIVE RISK	4.7	4.0	2.1	0.7	0.7	0.8	0.4	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.635 1.000	1.512 2.381	0.938 1.477	0.000 0.000	1.303 2.051	0.000 0.000	0.000 0.000	0.000 0.000	5.505 8.666		
	TEST PROB.	A=C? 0.3639	A=D? 0.7977	A=E? 0.2902	A=F? 0.7719	A=G? 0.7702	A=H? 0.2469	A=CD? 0.3935	A=EF? 0.3214	A=GH? 0.2552	HOMO. 0.4589	TREND. 0.1656
1971-74	OBS. EXP.	18	8	4	2	1	1	1	1	0		
	RELATIVE RISK	6.5	5.7	2.9	1.0	1.0	0.5	0.2	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.239 1.000	0.697 0.562	0.700 0.565	1.041 0.840	0.961 0.775	2.070 1.670	5.149 4.155	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.7498	A=D? 0.6599	A=E? 0.6861	A=F? 0.3429	A=G? 0.2724	A=H? 0.7989	A=CD? 0.7447	A=EF? 0.6092	A=GH? 0.3304	HOMO. 0.6195	TREND. 0.2484
1975-78	OBS. EXP.	21	3	6	5	2	2	0	1	2		
	RELATIVE RISK	7.1	7.0	3.3	1.2	1.2	1.3	0.6	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.425 1.000	0.861 2.027	1.520 3.577	1.709 4.024	1.497 3.524	0.000 0.000	4.489 10.566	6.084 14.321			
	TEST PROB.	A=C? 0.1279	A=D? 0.2038	A=E? 0.3462	A=F? 0.7718	A=G? 0.2485	A=H? 0.0252	A=CD? 0.0897	A=EF? 0.4054	A=GH? 0.0119	HOMO. 0.0213	TREND. 0.0010

TABLE 12-4 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	211	79	54	45	9	7	11	3	3		
	EXP.	84.1	59.8	37.6	11.8	8.8	4.2	2.1	2.7			
	OBS./EXP. RELATIVE RISK	0.939 1.000	0.903 0.962	1.198 0.962	0.766 0.815	0.798 0.850	2.604 2.773	1.417 1.509	1.117 1.190			
	TEST PROB.	A=C? 0.1847	A=D? 0.7514	A=E? 0.6955	A=F? 0.0498	A=G? 0.4128	A=H? 0.4235	A=CD? 0.2866	A=EF? 0.2503	A=GH? 0.4698	HOMO. 0.0394	TREND. 0.0567
1950-54	OBS. EXP.	7	1 2.7	5 2.0	0 1.2	0 0.4	0 0.3	1 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	0.374 1.000	2.488 6.651	0.000 0.000	0.000 0.000	0.000 0.000	6.043 16.152	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8303	A=D? 0.7844	A=E? 0.7735	A=F? 0.2452	A=G? 0.7635	A=H? 0.7654	A=CD? 0.8452	A=EF? 0.2623	A=GH? 0.7686	HOMO. 0.1007	TREND. 0.4468
1955-58	OBS. EXP.	14	5 5.7	2 3.9	4 2.6	2 0.8	0 0.5	1 0.2	0 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK	0.872 1.000	0.510 0.585	1.547 1.775	2.617 3.002	0.000 0.000	4.698 5.389	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4097	A=D? 0.4064	A=E? 0.8298	A=F? 0.2631	A=G? 0.7812	A=H? 0.7269	A=CD? 0.2688	A=EF? 0.3482	A=GH? 0.8039	HOMO. 0.3779	TREND. 0.3345
1959-62	OBS. EXP.	17	5 6.6	6 4.9	1 3.0	0 0.9	3 0.7	0 0.3	1 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK	0.755 1.000	1.214 1.608	0.328 0.435	0.000 0.000	4.192 5.553	0.000 0.000	5.814 7.702	4.516 5.982			
	TEST PROB.	A=C? 0.7973	A=D? 0.8414	A=E? 0.0612	A=F? 0.8005	A=G? 0.2532	A=H? 0.2596	A=CD? 0.5439	A=EF? 0.1267	A=GH? 0.1239	HOMO. 0.0144	TREND. 0.0051
1963-66	OBS. EXP.	33	14 13.6	8 9.2	6 5.9	1 1.8	1 1.2	2 0.6	0 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK	1.029 1.000	0.873 0.848	1.017 0.987	0.559 0.543	0.800 0.778	3.397 3.300	0.000 0.000	2.494 2.423			
	TEST PROB.	A=C? 0.5476	A=D? 0.8027	A=E? 0.7247	A=F? 0.3998	A=G? 0.8092	A=H? 0.3076	A=CD? 0.6638	A=EF? 0.4010	A=GH? 0.4190	HOMO. 0.6411	TREND. 0.1425
1967-70	OBS. EXP.	35	12 14.2	9 9.9	11 6.2	1 1.9	0 1.4	1 0.6	1 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK	0.843 1.000	0.910 1.079	1.769 2.097	0.535 0.634	0.000 0.000	1.550 1.838	3.020 3.581	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.1366	A=D? 0.6907	A=E? 0.8570	A=F? 0.3410	A=G? 0.2792	A=H? 0.7974	A=CD? 0.2021	A=EF? 0.7576	A=GH? 0.3539	HOMO. 0.3438	TREND. 0.5599
1971-74	OBS. EXP.	49	20 19.3	11 14.0	11 8.8	3 2.7	2 2.1	2 1.0	0 0.5	0 0.6		
	OBS./EXP. RELATIVE RISK	1.034 1.000	0.786 0.760	1.257 1.215	1.097 1.060	0.971 0.939	2.043 1.975	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3787	A=D? 0.5352	A=E? 0.6221	A=F? 0.3776	A=G? 0.8170	A=H? 0.8260	A=CD? 0.4009	A=EF? 0.4474	A=GH? 0.8625	HOMO. 0.8387	TREND. 0.6459
1975-78	OBS. EXP.	56	22 21.9	13 15.9	12 9.8	2 3.3	1 2.5	4 1.2	1 0.6	1 0.7		
	OBS./EXP. RELATIVE RISK	1.003 1.000	0.817 0.815	1.225 1.221	0.614 0.612	0.398 0.397	3.242 3.232	1.589 1.584	1.371 1.367			
	TEST PROB.	A=C? 0.4113	A=D? 0.7621	A=E? 0.8119	A=F? 0.1415	A=G? 0.3385	A=H? 0.3701	A=CD? 0.4509	A=EF? 0.4569	A=GH? 0.3805	HOMO. 0.2545	TREND. 0.1479

TABLE 12-5 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL OOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	779	305	210	158	45	29	10	9	13		
	TOTAL EXP.		316.2	211.8	148.7	42.7	32.9	12.2	5.7	8.8		
	OBS./EXP.		0.965	0.991	1.063	1.054	0.882	0.817	1.579	1.484		
	RELATIVE RISK		1.000	1.028	1.102	1.092	0.915	0.847	1.637	1.538		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.2514	0.3212	0.6164	0.6270	0.1738	0.1579	0.2254	0.6195	0.0706	0.5409	0.0978
1950-54	OBS.	55	20	15	9	7	2	1	1	0		
	TOTAL EXP.		22.6	14.8	10.5	3.0	2.2	0.8	0.4	0.6		
	OBS./EXP.		0.886	1.011	0.854	2.357	0.901	1.197	2.391	0.000		
	RELATIVE RISK		1.000	1.141	0.963	2.659	1.016	1.351	2.698	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.4859	0.0653	0.4104	0.5323	0.2790	0.8093	0.2998	0.4050	0.3713	0.3769	0.3828
1955-58	OBS.	88	33	24	20	4	4	0	2	1		
	TOTAL EXP.		36.1	23.9	16.7	4.7	3.6	1.3	0.6	1.0		
	OBS./EXP.		0.914	1.003	1.194	0.849	1.123	0.000	3.087	1.004		
	RELATIVE RISK		1.000	1.097	1.306	0.928	1.228	0.000	3.376	1.098		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.3110	0.5200	0.4512	0.8508	0.2272	0.3889	0.3485	0.5092	0.2812	0.6344	0.3622
1959-62	OBS.	107	39	29	25	8	2	2	1	1		
	TOTAL EXP.		43.9	28.8	20.4	5.9	4.4	1.6	0.8	1.2		
	OBS./EXP.		0.888	1.009	1.227	1.353	0.451	1.218	1.284	0.840		
	RELATIVE RISK		1.000	1.136	1.382	1.524	0.508	1.371	1.446	0.946		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.2037	0.2516	0.8051	0.3822	0.3365	0.5167	0.1592	0.6934	0.3918	0.7944	0.5072
1963-66	OBS.	115	42	27	27	9	5	2	0	3		
	TOTAL EXP.		46.7	31.1	21.6	6.4	5.1	1.9	0.8	1.4		
	OBS./EXP.		0.899	0.869	1.247	1.398	0.989	1.061	0.000	2.199		
	RELATIVE RISK		1.000	0.966	1.387	1.555	1.100	1.180	0.000	2.445		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.1991	0.1809	0.4952	0.3850	0.8145	0.2048	0.1424	0.3713	0.4009	0.5161	0.1377
1967-70	OBS.	142	60	40	26	3	7	2	1	3		
	TOTAL EXP.		56.7	38.7	27.2	8.0	6.3	2.4	1.1	1.7		
	OBS./EXP.		1.058	1.035	0.956	0.375	1.114	0.827	0.936	1.789		
	RELATIVE RISK		1.000	0.978	0.904	0.354	1.052	0.781	0.885	1.691		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.6582	0.9201	0.4408	0.6357	0.5808	0.3789	0.8126	0.4610	0.4346	0.7016	0.3954
1971-74	OBS.	133	60	34	24	5	4	0	2	4		
	TOTAL EXP.		55.0	35.9	25.5	7.0	5.5	2.0	0.8	1.3		
	OBS./EXP.		1.092	0.948	0.942	0.710	0.727	0.000	2.360	2.991		
	RELATIVE RISK		1.000	0.869	0.863	0.650	0.666	0.000	2.162	2.740		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.6944	0.7893	0.7514	0.9017	0.4498	0.1415	0.7630	0.8633	0.0923	0.1592	0.1384
1975-78	OBS.	139	51	41	27	9	5	3	2	1		
	TOTAL EXP.		55.6	38.7	26.7	7.5	6.0	2.1	0.9	1.4		
	OBS./EXP.		0.917	1.058	1.009	1.202	0.834	1.412	2.191	0.734		
	RELATIVE RISK		1.000	1.154	1.101	1.311	0.909	1.540	2.390	0.801		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.4147	0.3782	0.6654	0.4377	0.4541	0.6601	0.3375	0.4724	0.4090	0.9024	0.2975

TABLE 12-6 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	678	297	179	126	34	23	8	2	9		
	EXP.	286.2	185.8	131.0	37.2	21.0	8.2	3.6	5.0			
	OBS./EXP. RELATIVE RISK	1.038 1.000	0.963 0.929	0.962 0.927	0.913 0.880	1.097 1.058	0.979 0.944	0.556 0.536	1.803 1.738			
	TEST PROB.	A=C? 0.7030	A=D? 0.6884	A=E? 0.4206	A=F? 0.4723	A=G? 0.7743	A=H? 0.1552	A=CD? 0.7403	A=EF? 0.4155	A=GH? 0.3566	HOMO. 0.6242	TREND. 0.2076
1950-54	OBS. TOTAL	121	59	22	19	8	9	0	1	3		
	EXP.	49.6	34.4	23.2	6.4	4.1	1.5	0.7	1.1			
	OBS./EXP. RELATIVE RISK	1.190 1.000	0.639 0.537	0.819 0.688	1.247 1.048	2.173 1.826	0.000 0.000	1.502 1.262	2.773 2.330			
	TEST PROB.	A=C? 0.8590	A=D? 0.4652	A=E? 0.1311	A=F? 0.8652	A=G? 0.3382	A=H? 0.2278	A=CD? 0.8086	A=EF? 0.2940	A=GH? 0.2346	HOMO. 0.0105	TREND. 0.0309
1955-58	OBS. TOTAL	133	54	45	25	6	1	0	0	2		
	EXP.	54.1	37.6	26.0	7.4	4.4	1.7	0.7	1.1			
	OBS./EXP. RELATIVE RISK	0.998 1.000	1.196 1.198	0.963 0.965	0.814 0.815	0.227 0.227	0.000 0.000	0.000 0.000	1.862 1.865			
	TEST PROB.	A=C? 0.5351	A=D? 0.6886	A=E? 0.9086	A=F? 0.8861	A=G? 0.8279	A=H? 0.3899	A=CD? 0.5820	A=EF? 0.9484	A=GH? 0.5304	HOMO. 0.3648	TREND. 0.8705
1959-62	OBS. TOTAL	130	62	30	22	7	8	1	0	0		
	EXP.	57.7	34.1	24.6	7.2	3.7	1.4	0.6	0.8			
	OBS./EXP. RELATIVE RISK	1.074 1.000	0.881 0.820	0.895 0.833	0.976 0.908	2.182 2.031	0.735 0.684	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.7384	A=D? 0.5878	A=E? 0.0877	A=F? 0.6569	A=G? 0.8175	A=H? 0.8272	A=CD? 0.7372	A=EF? 0.1476	A=GH? 0.8641	HOMO. 0.3534	TREND. 0.6221
1963-66	OBS. TOTAL	111	49	30	22	4	2	0	1	3		
	EXP.	47.5	29.5	21.6	6.1	3.4	1.4	0.6	0.8			
	OBS./EXP. RELATIVE RISK	1.031 1.000	1.016 0.985	1.021 0.989	0.655 0.635	0.584 0.566	0.000 0.000	1.635 1.586	3.651 3.540			
	TEST PROB.	A=C? 0.4843	A=D? 0.7794	A=E? 0.7612	A=F? 0.8708	A=G? 0.3310	A=H? 0.1380	A=CD? 0.6239	A=EF? 0.8552	A=GH? 0.1472	HOMO. 0.2603	TREND. 0.2264
1967-70	OBS. TOTAL	80	34	21	15	4	1	4	0	1		
	EXP.	35.3	20.9	15.3	4.3	2.2	1.0	0.4	0.5			
	OBS./EXP. RELATIVE RISK	0.963 1.000	1.005 1.044	0.977 1.015	0.923 0.958	0.445 0.463	4.043 4.198	0.000 0.000	1.943 2.018			
	TEST PROB.	A=C? 0.4647	A=D? 0.4963	A=E? 0.7341	A=F? 0.0201	A=G? 0.7909	A=H? 0.2905	A=CD? 0.5229	A=EF? 0.2220	A=GH? 0.3457	HOMO. 0.1461	TREND. 0.1040
1971-74	OBS. TOTAL	67	30	17	12	3	2	3	0	0		
	EXP.	27.3	18.8	13.2	3.9	2.0	0.9	0.4	0.4			
	OBS./EXP. RELATIVE RISK	1.097 1.000	0.904 0.824	0.906 0.826	0.778 0.709	0.989 0.901	3.299 3.006	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.7265	A=D? 0.7470	A=E? 0.6963	A=F? 0.2217	A=G? 0.8123	A=H? 0.8150	A=CD? 0.7438	A=EF? 0.4380	A=GH? 0.8510	HOMO. 0.4914	TREND. 0.4498
1975-78	OBS. TOTAL	36	9	14	11	2	0	0	0	0		
	EXP.	14.9	9.9	7.3	2.0	1.0	0.4	0.2	0.2			
	OBS./EXP. RELATIVE RISK	0.604 1.000	1.416 2.342	1.502 2.485	0.982 1.625	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.0915	A=D? 0.4013	A=E? 0.8033	A=F? 0.7793	A=G? 0.7703	A=H? 0.7687	A=CD? 0.0998	A=EF? 0.8174	A=GH? 0.7779	HOMO. 0.3479	TREND. 0.8256

TABLE 12-7 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR CLASS	T-65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 997	407 405.5	281 276.9	177 180.4	46 55.2	42 43.4	17 16.4	7 7.5	20 11.7			
	OBS./EXP. RELATIVE RISK	1.004 1.000	1.015 1.011	0.981 0.978	0.833 0.830	0.968 0.964	1.035 1.031	0.940 0.936	1.709 1.703			
	TEST PROB.	A=C? 0.5752	A=D? 0.8196	A=E? 0.5613	A=F? 0.4672	A=G? 0.6081	A=H? 0.0643	A=CD? 0.6970	A=EF? 0.5110	A=GH? 0.1446	HOMO. 0.3628	TREND. 0.0703
1950-54	OBS. EXP. 126	57 52.0	29 35.1	20 23.3	8 6.6	9 5.0	1 1.7	0 0.8	2 1.4			
	OBS./EXP. RELATIVE RISK	1.095 1.000	0.826 0.734	0.859 0.784	1.205 1.100	1.815 1.657	0.576 0.525	0.000 0.000	1.447 1.321			
	TEST PROB.	A=C? 0.7392	A=D? 0.4456	A=E? 0.1567	A=F? 0.6887	A=G? 0.8256	A=H? 0.3831	A=CD? 0.6824	A=EF? 0.2379	A=GH? 0.5738	HOMO. 0.4272	TREND. 0.3349
1955-58	OBS. EXP. 146	56 59.9	49 40.5	28 27.0	5 7.9	4 5.9	0 2.1	2 1.0	2 1.6			
	OBS./EXP. RELATIVE RISK	0.935 1.000	1.209 1.292	1.037 1.110	0.630 0.674	0.678 0.725	0.000 0.000	2.064 2.208	1.227 1.312			
	TEST PROB.	A=C? 0.4211	A=D? 0.7797	A=E? 0.7323	A=F? 0.9002	A=G? 0.4568	A=H? 0.3980	A=CD? 0.4701	A=EF? 0.8514	A=GH? 0.3842	HOMO. 0.4184	TREND. 0.6717
1959-62	OBS. EXP. 135	56 56.1	37 36.9	27 24.2	4 7.6	6 5.7	2 2.0	2 0.9	1 1.5			
	OBS./EXP. RELATIVE RISK	0.998 1.000	1.002 1.006	1.117 1.120	0.523 0.524	1.056 1.059	0.989 0.991	2.120 2.125	0.675 0.676			
	TEST PROB.	A=C? 0.3905	A=D? 0.5484	A=E? 0.4373	A=F? 0.4136	A=G? 0.4180	A=H? 0.6650	A=CD? 0.5501	A=EF? 0.4583	A=GH? 0.4100	HOMO. 0.8414	TREND. 0.5055
1963-66	OBS. EXP. 154	59 62.0	43 42.6	29 28.1	10 8.9	6 6.8	2 2.6	0 1.2	5 1.9			
	OBS./EXP. RELATIVE RISK	0.952 1.000	1.010 1.061	1.031 1.083	1.127 1.184	0.881 0.925	0.758 0.796	0.000 0.000	2.693 2.829			
	TEST PROB.	A=C? 0.4207	A=D? 0.4030	A=E? 0.5403	A=F? 0.6286	A=G? 0.8479	A=H? 0.0888	A=CD? 0.3777	A=EF? 0.5570	A=GH? 0.2764	HOMO. 0.4200	TREND. 0.1325
1967-70	OBS. EXP. 149	60 60.0	45 41.0	25 26.9	4 8.5	6 6.8	5 2.7	1 1.1	3 1.8			
	OBS./EXP. RELATIVE RISK	1.000 1.000	1.096 1.096	0.928 0.927	0.469 0.468	0.880 0.880	1.855 1.854	0.877 0.877	1.625 1.624			
	TEST PROB.	A=C? 0.6363	A=D? 0.8809	A=E? 0.6086	A=F? 0.2327	A=G? 0.6038	A=H? 0.3842	A=CD? 0.7783	A=EF? 0.4188	A=GH? 0.4407	HOMO. 0.5673	TREND. 0.2289
1971-74	OBS. EXP. 143	64 58.2	36 39.5	22 25.8	7 7.8	7 6.4	4 2.5	0 1.1	3 1.7			
	OBS./EXP. RELATIVE RISK	1.100 1.000	0.910 0.827	0.853 0.776	0.900 0.818	1.089 0.990	1.590 1.446	0.000 0.000	1.793 1.630			
	TEST PROB.	A=C? 0.7860	A=D? 0.7067	A=E? 0.5863	A=F? 0.4305	A=G? 0.8626	A=H? 0.4671	A=CD? 0.7930	A=EF? 0.4544	A=GH? 0.5715	HOMO. 0.7058	TREND. 0.2464
1975-78	OBS. EXP. 144	55 57.4	42 40.8	26 25.4	8 8.0	4 7.0	3 2.7	2 1.2	4 1.6			
	OBS./EXP. RELATIVE RISK	0.959 1.000	1.030 1.074	1.025 1.069	1.004 1.047	0.571 0.596	1.099 1.146	1.650 1.721	2.500 2.607			
	TEST PROB.	A=C? 0.4709	A=D? 0.5409	A=E? 0.8358	A=F? 0.4932	A=G? 0.3813	A=H? 0.2069	A=CD? 0.4783	A=EF? 0.7769	A=GH? 0.2064	HOMO. 0.5864	TREND. 0.0776

TABLE 12-8 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-8

HIROSHIMA + NAGASAKI, MALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS., TOTAL	8	3	4	0	0	0	0	0	1		
	EXP.	3.8	2.1	1.5	0.3	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.793 1.000	1.901 2.396	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	25.493 32.140		
	TEST PROB.	A=C? 0.8721	A=D? 0.7944	A=E? 0.7763	A=F? 0.7680	A=G? 0.7638	A=H? 0.2432	A=CD? 0.8871	A=EF? 0.7833	A=GH? 0.2460	HOMO, 0.0003	TREND, 0.0009
1950-54	OBS., TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1955-58	OBS., TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1959-62	OBS., TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1963-66	OBS., TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, X	TREND, X
1967-70	OBS., TOTAL	3	1	1	0	0	0	0	0	1		
	EXP.	1.4	0.8	0.6	0.1	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.705 1.000	1.266 1.796	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	68.702 97.433		
	TEST PROB.	A=C? 0.8281	A=D? 0.7783	A=E? 0.7685	A=F? 0.7641	A=G? 0.7620	A=H? 0.2409	A=CD? 0.8393	A=EF? 0.7722	A=GH? 0.2418	HOMO, 0.0000	TREND, 0.0000
1971-74	OBS., TOTAL	1	0	1	0	0	0	0	0	0		
	EXP.	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000 X	3.808 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO, 0.9021	TREND, 0.6039
1975-78	OBS., TOTAL	4	2	2	0	0	0	0	0	0		
	EXP.	1.7	1.0	0.8	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1.056 1.000	1.908 1.806	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8524	A=D? 0.7867	A=E? 0.7726	A=F? 0.7658	A=G? 0.7627	A=H? 0.7635	A=CD? 0.8661	A=EF? 0.7778	A=GH? 0.7659	HOMO, 0.9637	TREND, 0.6894

TABLE 12-9 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-9

HIROSHIMA + NAGASAKI, MALE, AGE ATB 10-19

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	36	8	16	5	2	1	1	1	2		
	EXP.		12.6	12.3	5.4	1.8	2.0	0.9	0.3	0.6		
	OBS./EXP. RELATIVE RISK		0.633 1.000	1.296 2.049	0.922 1.458	1.127 1.782	0.510 0.806	1.126 1.780	2.873 4.543	3.249 5.136		
	TEST PROB.	A=C? 0.4042	A=D? 0.4196	A=E? 0.5758	A=F? 0.3053	A=G? 0.2642	A=H? 0.1481	A=CD? 0.3262	A=EF? 0.4020	A=GH? 0.0900	HOMO. 0.3502	TREND. 0.0425
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	2	0 0.4	2 0.7	0 0.3	0 0.1	0 0.1	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	2.849 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. 0.8120	TREND. 0.6765
1959-62	OBS. EXP.	1	0 0.2	0 0.4	0 0.2	0 0.1	0 0.1	0 0.0	1 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	74.803 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0013
1963-66	OBS. EXP.	2	1 0.9	1 0.6	0 0.3	0 0.1	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.122 1.000	1.560 1.391	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8171	A=D? 0.7750	A=E? 0.7734	A=F? 0.7662	A=G? 0.7638	A=H? 0.7665	A=CD? 0.8271	A=EF? 0.7788	A=GH? 0.7699	HOMO. 0.9985	TREND. 0.6569
1967-70	OBS. EXP.	5	0 1.7	3 1.7	2 0.8	0 0.2	0 0.3	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		0.000 X	1.749 X	2.646 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2466	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.3161	A=EF? X	A=GH? X	HOMO. 0.5905	TREND. 0.6998
1971-74	OBS. EXP.	11	5 3.9	4 3.7	0 1.7	1 0.5	0 0.6	1 0.3	0 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK		1.270 1.000	1.070 0.842	0.000 0.000	1.870 1.472	0.000 0.000	3.796 2.989	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9067	A=D? 0.3687	A=E? 0.8401	A=F? 0.2883	A=G? 0.7782	A=H? 0.7899	A=CD? 0.8451	A=EF? 0.6308	A=GH? 0.8042	HOMO. 0.6227	TREND. 0.5657
1975-78	OBS. EXP.	15	2 5.2	6 5.1	3 2.3	1 0.7	1 0.8	0 0.4	0 0.1	2 0.2		
	OBS./EXP. RELATIVE RISK		0.381 1.000	1.172 3.076	1.313 3.445	1.334 3.501	1.193 3.130	0.000 0.000	0.000 0.000	8.071 21.175		
	TEST PROB.	A=C? 0.2463	A=D? 0.2562	A=E? 0.2703	A=F? 0.7490	A=G? 0.7654	A=H? 0.0178	A=CD? 0.1767	A=EF? 0.2885	A=GH? 0.0557	HOMO. 0.0286	TREND. 0.0045

TABLE 12-10 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-10

HIROSHIMA + NAGASAKI, MALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	82	38	22	12	2	3	3	0	2		
	EXP.		32.7	23.5	13.2	4.4	4.0	2.2	1.0	1.1		
	OBS./EXP. RELATIVE RISK		1.163 1.000	0.938 0.806	0.908 0.781	0.459 0.394	0.747 0.642	1.367 1.175	0.000 0.000	1.816 1.561		
	TEST PROB.	A=C? 0.7392	A=D? 0.8968	A=E? 0.7854	A=F? 0.5786	A=G? 0.8634	A=H? 0.3821	A=CD? 0.8412	A=EF? 0.7508	A=GH? 0.6836	HOMO. 0.6947	TREND. 0.5305
1950-54	OBS. EXP.	3	0 1.1	3 0.9	0 0.5	0 0.2	0 0.2	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	3.505 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. 0.3771	TREND. 0.7399
1955-58	OBS. EXP.	2	0 0.9	1 0.6	1 0.3	0 0.1	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	1.721 X	3.069 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.9037	TREND. 0.6177
1959-62	OBS. EXP.	7	2 2.9	2 2.0	1 1.1	0 0.3	1 0.3	0 0.2	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK		0.687 1.000	0.998 1.452	0.881 0.811	0.000 0.000	3.340 4.859	0.000 0.000	0.000 0.000	11.333 16.488		
	TEST PROB.	A=C? 0.3593	A=D? 0.7868	A=E? 0.2570	A=F? 0.7715	A=G? 0.7660	A=H? 0.2455	A=CD? 0.4195	A=EF? 0.2660	A=GH? 0.2496	HOMO. 0.1019	TREND. 0.0137
1963-66	OBS. EXP.	11	6 4.5	3 3.1	1 1.8	0 0.5	1 0.5	0 0.3	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.332 1.000	0.957 0.719	0.563 0.423	0.000 0.000	2.020 1.517	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8127	A=D? 0.9611	A=E? 0.4016	A=F? 0.8300	A=G? 0.7943	A=H? 0.7913	A=CD? 0.8692	A=EF? 0.6671	A=GH? 0.8187	HOMO. 0.9291	TREND. 0.7370
1967-70	OBS. EXP.	14	6 5.8	5 4.0	2 2.3	0 0.7	0 0.6	1 0.3	0 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK		1.030 1.000	1.251 1.215	0.887 0.862	0.000 0.000	0.000 0.000	3.140 3.050	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.6226	A=D? 0.8424	A=E? 0.8385	A=F? 0.3075	A=G? 0.7852	A=H? 0.7863	A=CD? 0.7167	A=EF? 0.6699	A=GH? 0.8068	HOMO. 0.8498	TREND. 0.6349
1971-74	OBS. EXP.	18	11 7.2	2 5.2	2 2.9	1 0.9	1 0.9	1 0.5	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		1.530 1.000	0.388 0.254	0.691 0.452	1.059 0.692	1.143 0.747	2.135 1.396	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8164	A=D? 0.6797	A=E? 0.6554	A=F? 0.3484	A=G? 0.7935	A=H? 0.7975	A=CD? 0.8125	A=EF? 0.5961	A=GH? 0.8232	HOMO. 0.6196	TREND. 0.5937
1975-78	OBS. EXP.	27	13 10.2	6 7.8	5 4.3	1 1.6	0 1.5	1 0.8	0 0.4	1 0.4		
	OBS./EXP. RELATIVE RISK		1.277 1.000	0.770 0.603	1.154 0.903	0.612 0.479	0.000 0.000	1.238 0.969	0.000 0.000	2.543 1.991		
	TEST PROB.	A=C? 0.6097	A=D? 0.8060	A=E? 0.9036	A=F? 0.6417	A=G? 0.8187	A=H? 0.3223	A=CD? 0.6989	A=EF? 0.8673	A=GH? 0.6182	HOMO. 0.7208	TREND. 0.5319

TABLE 12-11 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-11

HIROSHIMA + NAGASAKI, MALE, AGE ATB 35-49

		T=65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	471	192	120	88	24	23	8	6	10		
TOTAL	EXP.	191.6	128.4	84.5	26.3	22.6	7.9	3.7	6.1			
	OBS./EXP.	1.002	0.934	1.042	0.913	1.018	1.014	1.637	1.651			
	RELATIVE RISK	1.000	0.933	1.039	0.912	1.016	1.012	1.634	1.648			
	TEST PROB.	A=C? 0.4684	A=D? 0.6453	A=E? 0.4681	A=F? 0.4654	A=G? 0.2807	A=H? 0.1792	A=CD? 0.5076	A=EF? 0.4689	A=GH? 0.1104	HOMO. 0.6615	TREND. 0.0439
1950-54	OBS.	32	12	8	6	3	2	1	0	0		
	EXP.	13.3	8.6	5.7	1.7	1.4	0.5	0.3	0.4	0.4		
	OBS./EXP.	0.905	0.927	1.047	1.722	1.382	1.961	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.025	1.157	1.903	1.528	2.167	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.4289	A=D? 0.3332	A=E? 0.3820	A=F? 0.2941	A=G? 0.7874	A=H? 0.8000	A=CD? 0.4109	A=EF? 0.3772	A=GH? 0.8203	HOMO. 0.9298	TREND. 0.5189
1955-58	OBS.	56	22	14	12	2	3	0	2	1		
	EXP.	23.6	15.0	10.0	3.0	2.5	0.8	0.4	0.4	0.7		
	OBS./EXP.	0.934	0.931	1.199	0.671	1.219	0.000	4.728	1.438			
	RELATIVE RISK	1.000	0.997	1.284	0.718	1.305	0.000	5.063	1.540			
	TEST PROB.	A=C? 0.4012	A=D? 0.6894	A=E? 0.4079	A=F? 0.8352	A=G? 0.1517	A=H? 0.3402	A=CD? 0.4730	A=EF? 0.4875	A=GH? 0.1883	HOMO. 0.3427	TREND. 0.1560
1959-62	OBS.	60	24	14	16	2	2	1	1	0		
	EXP.	24.3	16.4	10.7	3.4	2.9	1.0	0.5	0.5	0.8		
	OBS./EXP.	0.987	0.852	1.502	0.586	0.691	0.980	2.103	0.000			
	RELATIVE RISK	1.000	0.863	1.521	0.594	0.700	0.993	2.131	0.000			
	TEST PROB.	A=C? 0.2141	A=D? 0.7629	A=E? 0.7110	A=F? 0.4529	A=G? 0.2994	A=H? 0.8321	A=CD? 0.3230	A=EF? 0.6737	A=GH? 0.6300	HOMO. 0.6226	TREND. 0.7277
1963-66	OBS.	75	25	18	16	7	4	2	0	3		
	EXP.	29.9	20.6	13.4	4.3	3.8	1.4	0.6	1.0	1.0		
	OBS./EXP.	0.835	0.873	1.196	1.620	1.064	1.478	0.000	2.913			
	RELATIVE RISK	1.000	1.045	1.432	1.940	1.274	1.770	0.000	3.489			
	TEST PROB.	A=C? 0.2366	A=D? 0.1165	A=E? 0.3952	A=F? 0.3392	A=G? 0.7936	A=H? 0.1046	A=CD? 0.1451	A=EF? 0.2408	A=GH? 0.2254	HOMO. 0.3203	TREND. 0.0300
1967-70	OBS.	85	38	23	11	3	5	2	1	2		
	EXP.	33.5	23.4	15.3	5.0	4.4	1.6	0.7	1.2	1.2		
	OBS./EXP.	1.134	0.985	0.717	0.605	1.141	1.242	1.447	1.720			
	RELATIVE RISK	1.000	0.868	0.632	0.533	1.006	1.095	1.276	1.516			
	TEST PROB.	A=C? 0.8565	A=D? 0.8146	A=E? 0.4494	A=F? 0.4038	A=G? 0.3641	A=H? 0.3894	A=CD? 0.8958	A=EF? 0.4410	A=GH? 0.4633	HOMO. 0.8294	TREND. 0.2627
1971-74	OBS.	80	35	21	15	2	4	0	0	3		
	EXP.	33.0	21.7	14.5	4.3	3.8	1.3	0.5	0.9	0.9		
	OBS./EXP.	1.059	0.969	1.033	0.468	1.056	0.000	0.000	3.284			
	RELATIVE RISK	1.000	0.915	0.975	0.442	0.997	0.000	0.000	3.101			
	TEST PROB.	A=C? 0.5633	A=D? 0.8463	A=E? 0.5380	A=F? 0.8734	A=G? 0.8220	A=H? 0.1755	A=CD? 0.6827	A=EF? 0.7069	A=GH? 0.3489	HOMO. 0.3337	TREND. 0.2466
1975-78	OBS.	83	36	22	12	5	3	2	2	1		
	EXP.	34.1	22.7	14.9	4.5	4.1	1.3	0.5	0.8	0.8		
	OBS./EXP.	1.054	0.968	0.803	1.115	0.739	1.570	3.809	1.180			
	RELATIVE RISK	1.000	0.918	0.762	1.058	0.701	1.490	3.613	1.120			
	TEST PROB.	A=C? 0.7776	A=D? 0.5761	A=E? 0.7569	A=F? 0.3910	A=G? 0.3529	A=H? 0.5693	A=CD? 0.7396	A=EF? 0.6598	A=GH? 0.4233	HOMO. 0.5781	TREND. 0.1695

TABLE 12-12 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-12

HIROSHIMA + NAGASAKI, MALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	400	166	119	72	18	15	5	0	5		
	EXP.	164.8	110.6	75.8	22.5	14.7	5.4	2.4	3.9			
	OBS./EXP. RELATIVE RISK	1.007 1.000	1.076 1.068	0.950 0.943	0.801 0.795	1.022 1.015	0.927 0.921	0.000 0.000	1.285 1.276			
	TEST PROB.	A=C? 0.5953	A=D? 0.7537	A=E? 0.4610	A=F? 0.5297	A=G? 0.9030	A=H? 0.4771	A=CD? 0.6814	A=EF? 0.4657	A=GH? 0.6925	HOMO, 0.7198	TREND, 0.6836
1950-54	OBS. TOTAL	91	45	18	14	5	7	0	0	2		
	EXP.	37.6	25.6	17.1	4.7	3.3	1.1	0.5	0.9			
	OBS./EXP. RELATIVE RISK	1.196 1.000	0.702 0.587	0.820 0.686	1.059 0.886	2.094 1.752	0.000 0.000	0.000 0.000	2.161 1.807			
	TEST PROB.	A=C? 0.7939	A=D? 0.5627	A=E? 0.1869	A=F? 0.8458	A=G? 0.8080	A=H? 0.4569	A=CD? 0.7891	A=EF? 0.3460	A=GH? 0.3875	HOMO, 0.1271	TREND, 0.2027
1955-58	OBS. TOTAL	86	34	32	15	3	1	0	0	1		
	EXP.	34.8	24.2	16.4	4.8	3.2	1.2	0.5	0.9			
	OBS./EXP. RELATIVE RISK	0.977 1.000	1.321 1.352	0.917 0.939	0.630 0.645	0.308 0.315	0.000 0.000	0.000 0.000	1.142 1.169			
	TEST PROB.	A=C? 0.5774	A=D? 0.7663	A=E? 0.8658	A=F? 0.8662	A=G? 0.8136	A=H? 0.5319	A=CD? 0.6361	A=EF? 0.9150	A=GH? 0.7066	HOMO, 0.4699	TREND, 0.9074
1959-62	OBS. TOTAL	67	30	21	10	2	3	0	0	0		
	EXP.	28.7	18.1	12.2	3.8	2.4	1.8	0.4	0.6			
	OBS./EXP. RELATIVE RISK	1.045 1.000	1.160 1.110	0.819 0.783	0.523 0.500	1.256 1.202	1.249 1.195	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.7071	A=D? 0.8032	A=E? 0.4089	A=F? 0.3609	A=G? 0.7974	A=H? 0.8107	A=CD? 0.7904	A=EF? 0.4405	A=GH? 0.8370	HOMO, 0.8876	TREND, 0.8052
1963-66	OBS. TOTAL	66	27	21	12	3	1	0	0	2		
	EXP.	26.6	18.2	12.7	3.9	2.5	1.0	0.4	0.7			
	OBS./EXP. RELATIVE RISK	1.014 1.000	1.156 1.141	0.946 0.933	0.762 0.751	0.400 0.394	0.000 0.000	0.000 0.000	3.037 2.996			
	TEST PROB.	A=C? 0.5691	A=D? 0.7049	A=E? 0.8140	A=F? 0.8493	A=G? 0.8068	A=H? 0.3375	A=CD? 0.6250	A=EF? 0.8732	A=GH? 0.3870	HOMO, 0.5641	TREND, 0.4760
1967-70	OBS. TOTAL	42	15	13	10	1	1	2	0	0		
	EXP.	17.5	11.2	8.0	2.5	1.5	0.6	0.2	0.4			
	OBS./EXP. RELATIVE RISK	0.858 1.000	1.162 1.354	1.245 1.451	0.395 0.461	0.666 0.776	3.247 3.785	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.3366	A=D? 0.7596	A=E? 0.5610	A=F? 0.1608	A=G? 0.7800	A=H? 0.7920	A=CD? 0.4655	A=EF? 0.3273	A=GH? 0.8076	HOMO, 0.5364	TREND, 0.5617
1971-74	OBS. TOTAL	33	13	8	5	3	2	2	0	0		
	EXP.	13.5	8.7	6.5	2.0	1.2	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	0.960 1.000	0.917 0.955	0.767 0.799	1.508 1.571	1.721 1.793	3.965 4.130	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.6754	A=D? 0.4293	A=E? 0.3753	A=F? 0.2505	A=G? 0.7893	A=H? 0.7999	A=CD? 0.4841	A=EF? 0.2539	A=GH? 0.8217	HOMO, 0.4636	TREND, 0.2377
1975-78	OBS. TOTAL	15	2	6	6	1	0	0	0	0		
	EXP.	5.9	4.1	3.1	0.9	0.6	0.2	0.1	0.1			
	OBS./EXP. RELATIVE RISK	0.339 1.000	1.468 4.324	1.965 5.789	1.070 3.152	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.0857	A=D? 0.2717	A=E? 0.7786	A=F? 0.7660	A=G? 0.7664	A=H? 0.7639	A=CD? 0.0937	A=EF? 0.7836	A=GH? 0.7698	HOMO, 0.3890	TREND, 0.7198

TABLE 12-13 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-13

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS., TOTAL	757	301	192	163	45	22	15	10	9		
	EXP.	312.5		207.4	151.5	41.0	23.6	10.3	4.8	5.9		
	OBS./EXP. RELATIVE RISK	0.963 1.000	0.926 1.000	0.926 0.961	1.076 1.117	1.097 1.139	0.931 0.966	1.458 1.514	2.089 2.169	1.533 1.591		
	TEST PROB.	A=C? 0.2071	A=D? 0.2412	A=E? 0.4687	A=F? 0.1014	A=G? 0.0398	A=H? 0.1501	A=CD? 0.1666	A=EF? 0.2391	A=GH? 0.0228	HOMO. 0.0841	TREND. 0.0032
1950-54	OBS., EXP.	57 22.8	23 22.8	13 16.2	8 11.7	7 3.2	2 1.7	1 0.7	2 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK	1.010 1.000	0.804 1.000	0.804 0.796	0.684 0.677	2.219 2.196	1.157 1.145	1.367 1.353	5.843 5.784	2.417 2.393		
	TEST PROB.	A=C? 0.8128	A=D? 0.1050	A=E? 0.3856	A=F? 0.3476	A=G? 0.0734	A=H? 0.2837	A=CD? 0.5364	A=EF? 0.4033	A=GH? 0.0708	HOMO. 0.0301	TREND. 0.0088
1955-58	OBS., EXP.	95 38.3	37 38.3	26 26.8	21 19.4	7 5.2	1 2.8	2 1.2	0 0.6	1 0.7		
	OBS./EXP. RELATIVE RISK	0.967 1.000	0.967 1.000	0.971 1.004	1.083 1.120	1.340 1.386	0.353 0.365	1.648 1.705	0.000 0.000	1.441 1.491		
	TEST PROB.	A=C? 0.4052	A=D? 0.3245	A=E? 0.8040	A=F? 0.4162	A=G? 0.8098	A=H? 0.3275	A=CD? 0.3280	A=EF? 0.6300	A=GH? 0.6037	HOMO. 0.8638	TREND. 0.4773
1959-62	OBS., EXP.	122 53.0	51 53.0	29 31.8	21 24.3	11 6.6	7 3.4	1 1.4	1 0.7	1 0.8		
	OBS./EXP. RELATIVE RISK	0.962 1.000	0.962 1.000	0.911 0.947	0.863 0.897	1.673 1.739	2.082 2.164	0.697 0.725	1.486 1.544	1.297 1.349		
	TEST PROB.	A=C? 0.6611	A=D? 0.1174	A=E? 0.0682	A=F? 0.6169	A=G? 0.3205	A=H? 0.3301	A=CD? 0.4417	A=EF? 0.1141	A=GH? 0.3945	HOMO. 0.3231	TREND. 0.1197
1963-66	OBS., EXP.	111 48.1	48 48.1	25 29.0	26 21.9	4 5.8	3 3.3	2 1.4	1 0.7	2 0.8		
	OBS./EXP. RELATIVE RISK	0.998 1.000	0.998 1.000	0.861 0.863	1.185 1.187	0.692 0.693	0.921 0.923	1.392 1.395	1.501 1.503	2.479 2.483		
	TEST PROB.	A=C? 0.3502	A=D? 0.7369	A=E? 0.5919	A=F? 0.3832	A=G? 0.3339	A=H? 0.3441	A=CD? 0.4539	A=EF? 0.4315	A=GH? 0.2816	HOMO. 0.7757	TREND. 0.1061
1967-70	OBS., EXP.	125 52.6	51 52.6	32 33.5	29 24.8	4 6.6	3 4.0	2 1.8	1 0.8	3 1.0		
	OBS./EXP. RELATIVE RISK	0.969 1.000	0.969 1.000	0.954 0.984	1.172 1.208	0.607 0.626	0.759 0.783	1.134 1.170	1.248 1.287	3.023 3.118		
	TEST PROB.	A=C? 0.3120	A=D? 0.7562	A=E? 0.6149	A=F? 0.3839	A=G? 0.3495	A=H? 0.1249	A=CD? 0.4299	A=EF? 0.4393	A=GH? 0.1742	HOMO. 0.5100	TREND. 0.0867
1971-74	OBS., EXP.	130 52.5	55 52.5	33 36.6	29 25.7	5 7.1	2 4.3	2 1.9	3 0.9	1 1.0		
	OBS./EXP. RELATIVE RISK	1.049 1.000	1.049 1.000	0.902 0.860	1.129 1.076	0.706 0.673	0.461 0.439	1.041 0.993	3.445 3.305	0.957 0.912		
	TEST PROB.	A=C? 0.4624	A=D? 0.7996	A=E? 0.8666	A=F? 0.6069	A=G? 0.1694	A=H? 0.6079	A=CD? 0.5511	A=EF? 0.8356	A=GH? 0.2876	HOMO. 0.3254	TREND. 0.3271
1975-78	OBS., EXP.	117 45.9	36 45.9	34 33.4	29 23.4	7 6.4	4 4.1	5 1.8	2 0.8	0 1.1		
	OBS./EXP. RELATIVE RISK	0.785 1.000	0.785 1.000	1.019 1.298	1.229 1.566	1.093 1.392	0.976 1.243	2.775 3.534	2.457 3.129	0.000 0.000		
	TEST PROB.	A=C? 0.0877	A=D? 0.2795	A=E? 0.4714	A=F? 0.0193	A=G? 0.2128	A=H? 0.8211	A=CD? 0.0791	A=EF? 0.1077	A=GH? 0.3916	HOMO. 0.0944	TREND. 0.1280

TABLE 12-14 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-14

MIYOSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	13	7	2	2	0	0	2	0	0		
	EXP.	4.8	4.1	2.7	0.7	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.473 1.000	0.484 0.329	0.743 0.504	0.000 0.000	0.000 0.000	10.843 7.361	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8135	A=D? 0.8574	A=E? 0.8261	A=F? 0.1785	A=G? 0.7773	A=H? 0.7887	A=CD? 0.8628	A=EF? 0.3795	A=GH? 0.8025	HOMO. 0.0031	TREND. 0.1975
1950-54	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. TOTAL	1	0	0	0	0	0	1	0	0		
	EXP.	0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.026 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0065
1959-62	OBS. TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	2.139 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8266	A=D? 0.7782	A=E? 0.7703	A=F? 0.7645	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.7743	A=GH? 0.7645	HOMO. 0.9923	TREND. 0.5952
1963-66	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1967-70	OBS. TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.	0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	4.933 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9060	A=D? 0.8183	A=E? 0.7983	A=F? 0.7824	A=G? 0.7698	A=H? 0.7774	A=CD? 0.9243	A=EF? 0.8155	A=GH? 0.7859	HOMO. 0.7874	TREND. 0.8021
1971-74	OBS. TOTAL	5	1	2	2	0	0	0	0	0		
	EXP.	2.1	1.5	1.0	0.2	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.483 1.000	1.352 2.800	2.054 4.252	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3915	A=D? 0.7782	A=E? 0.7702	A=F? 0.7644	A=G? 0.7621	A=H? 0.7626	A=CD? 0.3540	A=EF? 0.7741	A=GH? 0.7644	HOMO. 0.9398	TREND. 0.6464
1975-78	OBS. TOTAL	5	4	0	0	0	0	1	0	0		
	EXP.	1.8	1.6	1.0	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK	2.213 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	14.071 6.358	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9186	A=D? 0.8274	A=E? 0.8040	A=F? 0.2619	A=G? 0.7711	A=H? 0.7785	A=CD? 0.9340	A=EF? 0.3231	A=GH? 0.7878	HOMO. 0.0114	TREND. 0.2508

TABLE 12-15 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-15

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	29	9	8	4	1	4	0	2	1		
	EXP.		10.3	8.3	5.0	1.8	1.9	0.9	0.4	0.4		
	OBS./EXP.		0.875	0.958	0.806	0.560	2.056	0.000	5.440	2.806		
	RELATIVE RISK		1.000	1.096	0.922	0.640	2.350	0.000	6.220	3.208		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.4480	0.6507	0.2485	0.8146	0.1156	0.2669	0.5650	0.4201	0.0751	0.0917	0.0212
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		X	X	X	X	X	X	X	X	X	X	X
1955-58	OBS. EXP.	3	1	2	0	0	0	0	0	0		
			1.4	0.7	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.720	2.705	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000	3.756	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.8267	0.7803	0.7755	0.7662	0.7652	0.7648	0.8393	0.7808	0.7697	0.8727	0.7199
1959-62	OBS. EXP.	1	0	1	0	0	0	0	0	0		
			0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.000	2.959	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		X	X	X	X	X	X	X	X		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		X	X	X	X	X	X	X	X	X	0.9621	0.6370
1963-66	OBS. EXP.	4	1	2	0	0	1	0	0	0		
			1.4	1.2	0.7	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.731	1.709	0.000	0.000	3.522	0.000	0.000	0.000		
	RELATIVE RISK		1.000	2.338	0.000	0.000	4.817	0.000	0.000	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.8266	0.7802	0.2580	0.7662	0.7653	0.7649	0.8392	0.2684	0.7698	0.8095	0.5022
1967-70	OBS. EXP.	8	3	3	0	0	1	0	0	1		
			3.0	2.3	1.4	0.5	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.007	1.332	0.000	0.000	2.036	0.000	0.000	10.464		
	RELATIVE RISK		1.000	1.323	0.000	0.000	2.022	0.000	0.000	10.394		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.8697	0.7977	0.2902	0.7719	0.7702	0.2469	0.8865	0.3214	0.2552	0.1170	0.0444
1971-74	OBS. EXP.	7	3	0	2	0	1	0	1	0		
			2.5	2.0	1.2	0.4	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.191	0.000	1.668	0.000	2.185	0.000	11.299	0.000		
	RELATIVE RISK		1.000	0.000	1.401	0.000	1.835	0.000	9.490	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.3649	0.8292	0.3513	0.8074	0.2544	0.7770	0.3989	0.5651	0.2703	0.0627	0.1107
1975-78	OBS. EXP.	6	1	0	2	1	1	0	1	0		
			1.8	1.8	1.0	0.4	0.5	0.3	0.1	0.1		
	OBS./EXP.		0.551	0.000	1.988	2.378	2.010	0.000	12.546	0.000		
	RELATIVE RISK		1.000	0.000	3.607	4.314	3.646	0.000	22.761	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.4440	0.2600	0.2576	0.7661	0.2436	0.7646	0.3235	0.2679	0.2674	0.0302	0.0392

TABLE 12-16 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-16

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR	CLASS	Y=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	129	41	32	33	7	4	8	3	1		
	EXP.	51.4	36.3	24.4	7.4	4.8	2.0	1.1	1.6			
	OBS./EXP.	0.797	0.881	1.355	0.947	0.842	3.943	2.684	0.632			
	RELATIVE RISK	1.000	1.105	1.700	1.188	1.056	4.947	3.367	0.792			
	TEST PROB.	A=C? 0.0560	A=D? 0.4444	A=E? 0.4306	A=F? 0.0044	A=G? 0.1663	A=H? 0.6565	A=CD? 0.0759	A=EF? 0.0596	A=GH? 0.3186	HOMO. 0.0003	TREND. 0.0133
1950-54	OBS. TOTAL	4	1	2	0	0	0	1	0	0		
	EXP.	1.5	1.2	0.8	0.2	0.2	0.1	0.0	0.1	0.1		
	OBS./EXP.	0.652	1.734	0.000	0.000	0.000	14.370	0.000	0.000	0.000		
	RELATIVE RISK	1.000	2.658	0.000	0.000	0.000	22.030	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.8303	A=D? 0.7844	A=E? 0.7735	A=F? 0.2452	A=G? 0.7635	A=H? 0.7654	A=CD? 0.8452	A=EF? 0.2623	A=GH? 0.7686	HOMO. 0.0411	TREND. 0.1931
1955-58	OBS. TOTAL	12	5	1	3	2	0	1	0	0		
	EXP.	4.9	3.3	2.3	0.7	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP.	1.029	0.299	1.328	2.918	0.000	5.501	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.291	1.290	2.835	0.000	5.344	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.3938	A=D? 0.4064	A=E? 0.8298	A=F? 0.2631	A=G? 0.7812	A=H? 0.7869	A=CD? 0.3894	A=EF? 0.3482	A=GH? 0.8039	HOMO. 0.2698	TREND. 0.3103
1959-62	OBS. TOTAL	10	3	4	0	0	2	0	1	0		
	EXP.	3.7	2.9	1.9	0.6	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.808	1.360	0.000	0.000	4.805	0.000	10.103	0.000	0.000		
	RELATIVE RISK	1.000	1.684	0.000	0.000	5.948	0.000	12.506	0.000	0.000		
	TEST PROB.	A=C? 0.9064	A=D? 0.3334	A=E? 0.1758	A=F? 0.7971	A=G? 0.2478	A=H? 0.7830	A=CD? 0.9270	A=EF? 0.2638	A=GH? 0.2611	HOMO. 0.0131	TREND. 0.0853
1963-66	OBS. TOTAL	22	8	5	5	1	0	2	0	1		
	EXP.	9.1	6.0	4.1	1.2	0.8	0.3	0.2	0.2	0.3		
	OBS./EXP.	0.880	0.829	1.212	0.807	0.000	6.340	0.000	3.874	0.000		
	RELATIVE RISK	1.000	0.942	1.378	0.917	0.000	7.208	0.000	4.404	0.000		
	TEST PROB.	A=C? 0.4792	A=D? 0.6656	A=E? 0.8396	A=F? 0.1098	A=G? 0.7846	A=H? 0.2687	A=CD? 0.4255	A=EF? 0.4193	A=GH? 0.2928	HOMO. 0.0812	TREND. 0.0309
1967-70	OBS. TOTAL	21	6	4	9	1	0	0	1	0		
	EXP.	8.4	5.9	4.0	1.2	0.8	0.3	0.2	0.2	0.3		
	OBS./EXP.	0.714	0.678	2.269	0.834	0.000	0.000	5.515	0.000	0.000		
	RELATIVE RISK	1.000	0.950	3.178	1.169	0.000	0.000	7.724	0.000	0.000		
	TEST PROB.	A=C? 0.0742	A=D? 0.3521	A=E? 0.8022	A=F? 0.7772	A=G? 0.2543	A=H? 0.7766	A=CD? 0.1019	A=EF? 0.8149	A=GH? 0.2791	HOMO. 0.0777	TREND. 0.4418
1971-74	OBS. TOTAL	31	9	9	9	2	1	1	0	0		
	EXP.	12.1	8.8	5.9	1.8	1.2	0.5	0.3	0.3	0.4		
	OBS./EXP.	0.741	1.017	1.536	1.116	0.844	1.958	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.373	2.073	1.507	1.139	2.643	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.1561	A=D? 0.3879	A=E? 0.5424	A=F? 0.3262	A=G? 0.7942	A=H? 0.8008	A=CD? 0.1756	A=EF? 0.3894	A=GH? 0.3263	HOMO. 0.8116	TREND. 0.5980
1975-78	OBS. TOTAL	29	9	7	7	1	1	3	1	0		
	EXP.	11.8	8.1	5.5	1.6	1.0	0.4	0.2	0.2	0.3		
	OBS./EXP.	0.766	0.863	1.281	0.616	0.958	7.040	4.169	0.000	0.000		
	RELATIVE RISK	1.000	1.127	1.674	0.805	1.252	9.197	5.446	0.000	0.000		
	TEST PROB.	A=C? 0.3084	A=D? 0.5638	A=E? 0.3201	A=F? 0.0088	A=G? 0.2538	A=H? 0.7824	A=CD? 0.3559	A=EF? 0.0741	A=GH? 0.2797	HOMO. 0.0055	TREND. 0.0327

TABLE 12-17 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-17

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	308	113	90	70	21	6	2	3	3		
	EXP.		124.6	83.4	64.2	16.4	10.3	4.4	2.0	2.7		
	OBS./EXP. RELATIVE RISK		0.907 1.000	1.079 1.190	1.090 1.202	1.278 1.409	0.583 0.643	0.459 0.507	1.474 1.625	1.109 1.223		
	TEST PROB.	A=C? 0.1872	A=D? 0.1221	A=E? 0.7579	A=F? 0.7422	A=G? 0.3294	A=H? 0.4294	A=CD? 0.1172	A=EF? 0.8013	A=GH? 0.2740	HOMO, 0.4294	TREND, 0.5663
1950-54	OBS. EXP.	23	8 9.3	7 6.2	3 4.8	4 1.2	0 0.8	0 0.3	1 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		0.860 1.000	1.128 1.311	0.624 0.725	3.260 3.789	0.000 0.000	0.000 0.000	6.461 7.511	0.000 0.000		
	TEST PROB.	A=C? 0.6357	A=D? 0.0929	A=E? 0.8144	A=F? 0.7830	A=G? 0.2512	A=H? 0.7749	A=CD? 0.4007	A=EF? 0.8301	A=GH? 0.2667	HOMO, 0.0682	TREND, 0.3159
1955-58	OBS. EXP.	32	11 12.5	10 8.9	8 6.7	2 1.7	1 1.1	0 0.5	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK		0.878 1.000	1.124 1.280	1.187 1.352	1.157 1.317	0.910 1.036	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4099	A=D? 0.3798	A=E? 0.3583	A=F? 0.7298	A=G? 0.7758	A=H? 0.7798	A=CD? 0.3728	A=EF? 0.5274	A=GH? 0.7934	HOMO, 0.9779	TREND, 0.7846
1959-62	OBS. EXP.	47	15 19.6	15 12.3	9 9.7	6 2.5	0 1.5	1 0.6	0 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK		0.765 1.000	1.218 1.591	0.926 1.210	2.398 3.134	0.000 0.000	1.609 2.102	0.000 0.000	2.541 3.321		
	TEST PROB.	A=C? 0.4678	A=D? 0.0468	A=E? 0.8458	A=F? 0.2866	A=G? 0.7809	A=H? 0.2677	A=CD? 0.1995	A=EF? 0.6671	A=GH? 0.2952	HOMO, 0.2065	TREND, 0.2312
1963-66	OBS. EXP.	40	17 16.8	9 10.4	11 8.3	2 2.1	1 1.3	0 0.5	0 0.3	0 0.3		
	OBS./EXP. RELATIVE RISK		1.014 1.000	0.862 0.849	1.330 1.311	0.946 0.933	0.772 0.761	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.3911	A=D? 0.5650	A=E? 0.6493	A=F? 0.8147	A=G? 0.7885	A=H? 0.7973	A=CD? 0.4150	A=EF? 0.7379	A=GH? 0.8191	HOMO, 0.9405	TREND, 0.8279
1967-70	OBS. EXP.	57	22 23.2	17 15.3	15 11.8	0 3.0	2 1.9	0 0.8	0 0.4	1 0.5		
	OBS./EXP. RELATIVE RISK		0.948 1.000	1.111 1.171	1.266 1.335	0.000 0.000	1.051 1.108	0.000 0.000	0.000 0.000	1.947 2.053		
	TEST PROB.	A=C? 0.3276	A=D? 0.9171	A=E? 0.3903	A=F? 0.8230	A=G? 0.7934	A=H? 0.3041	A=CD? 0.4519	A=EF? 0.5990	A=GH? 0.3850	HOMO, 0.5633	TREND, 0.6481
1971-74	OBS. EXP.	53	25 21.9	13 14.2	9 10.9	3 2.8	0 1.7	0 0.7	2 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK		1.141 1.000	0.917 0.804	0.823 0.721	1.081 0.948	0.000 0.000	0.000 0.000	6.154 5.395	2.359 2.068		
	TEST PROB.	A=C? 0.7552	A=D? 0.5584	A=E? 0.8852	A=F? 0.8276	A=G? 0.1058	A=H? 0.3045	A=CD? 0.7423	A=EF? 0.9115	A=GH? 0.1233	HOMO, 0.0776	TREND, 0.1830
1975-78	OBS. EXP.	56	15 21.5	19 16.0	15 11.8	4 3.0	2 1.9	1 0.9	0 0.4	0 0.5		
	OBS./EXP. RELATIVE RISK		0.698 1.000	1.186 1.699	1.270 1.819	1.332 1.908	1.031 1.476	1.175 1.682	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.1170	A=D? 0.2364	A=E? 0.3777	A=F? 0.2971	A=G? 0.7848	A=H? 0.7914	A=CD? 0.0876	A=EF? 0.6443	A=GH? 0.8110	HOMO, 0.6868	TREND, 0.6133

TABLE 12-18 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-18

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	278	131	60	54	16	8	3	2	4		
	EXP.	121.5	75.2	55.3	14.7	6.3	2.8	1.2	1.1	1.1		
	OBS./EXP. RELATIVE RISK	1,079 1,000	0,798 0,740	0,977 0,906	1,085 1,006	1,273 1,180	1,080 1,001	1,681 1,558	3,633 3,368			
	TEST PROB.	A=C? 0.7201	A=D? 0.4655	A=E? 0.4204	A=F? 0.4430	A=G? 0.3910	A=H? 0.0825	A=CD? 0.6873	A=EF? 0.4065	A=GH? 0.1009	HOMO, 0.0798	TREND, 0.0073
1950-54	OBS. EXP.	30 11.9	14 11.9	4 8.8	5 6.1	3 1.7	2 0.8	0 0.3	1 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK	1,173 1,000	0,454 0,387	0,816 0,696	1,772 1,511	2,503 2,134	0,000 0,000	6,659 5,677	6,403 5,459			
	TEST PROB.	A=C? 0.8122	A=D? 0.4340	A=E? 0.4467	A=F? 0.7996	A=G? 0.2569	A=H? 0.2624	A=CD? 0.6870	A=EF? 0.3746	A=GH? 0.1468	HOMO, 0.0275	TREND, 0.0027
1955-58	OBS. EXP.	47 19.3	20 19.3	13 13.4	10 9.6	3 2.6	0 1.2	0 0.5	0 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK	1,036 1,000	0,969 0,935	1,041 1,005	1,150 1,109	0,000 0,000	0,000 0,000	0,000 0,000	5,033 4,857			
	TEST PROB.	A=C? 0.4482	A=D? 0.4166	A=E? 0.8520	A=F? 0.8074	A=G? 0.7831	A=H? 0.2650	A=CD? 0.4496	A=EF? 0.8756	A=GH? 0.2990	HOMO, 0.6304	TREND, 0.4026
1959-62	OBS. EXP.	63 29.0	32 29.0	9 16.0	12 12.4	5 3.4	5 1.3	0 0.6	0 0.3	0 0.2		
	OBS./EXP. RELATIVE RISK	1,103 1,000	0,564 0,511	0,970 0,880	1,492 1,353	3,915 3,549	0,000 0,000	0,000 0,000	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0.6774	A=D? 0.4071	A=E? 0.0374	A=F? 0.8143	A=G? 0.7874	A=H? 0.7848	A=CD? 0.5770	A=EF? 0.1144	A=GH? 0.8076	HOMO, 0.0241	TREND, 0.2539
1963-66	OBS. EXP.	65 20.9	22 20.9	9 11.4	10 8.9	1 2.2	1 0.9	0 0.5	1 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK	1,054 1,000	0,791 0,751	1,128 1,070	0,461 0,437	1,082 1,027	0,000 0,000	5,405 5,127	6,132 5,817			
	TEST PROB.	A=C? 0.4461	A=D? 0.7774	A=E? 0.4089	A=F? 0.8035	A=G? 0.2600	A=H? 0.2580	A=CD? 0.5800	A=EF? 0.6575	A=GH? 0.1113	HOMO, 0.2058	TREND, 0.0460
1967-70	OBS. EXP.	38 17.8	19 17.8	8 9.7	5 7.3	3 1.8	0 0.7	2 0.4	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK	1,066 1,000	0,825 0,774	0,684 0,641	1,664 1,560	0,000 0,000	5,356 5,024	0,000 0,000	8,692 8,153			
	TEST PROB.	A=C? 0.7609	A=D? 0.4317	A=E? 0.8261	A=F? 0.1267	A=G? 0.7740	A=H? 0.2516	A=CD? 0.6766	A=EF? 0.4101	A=GH? 0.2668	HOMO, 0.0192	TREND, 0.0059
1971-74	OBS. EXP.	34 13.8	17 13.8	9 10.1	7 6.7	0 1.9	0 0.9	1 0.4	0 0.2	0 0.1		
	OBS./EXP. RELATIVE RISK	1,232 1,000	0,893 0,725	1,042 0,845	0,000 0,000	0,000 0,000	2,469 2,004	0,000 0,000	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0.6990	A=D? 0.9211	A=E? 0.8679	A=F? 0.3239	A=G? 0.7921	A=H? 0.7836	A=CD? 0.8178	A=EF? 0.7389	A=GH? 0.8101	HOMO, 0.6718	TREND, 0.7910
1975-78	OBS. EXP.	21 9.0	7 9.0	8 5.8	5 4.3	1 1.1	0 0.5	0 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK	0,778 1,000	1,379 1,772	1,171 1,505	0,908 1,167	0,000 0,000	0,000 0,000	0,000 0,000	0,000 0,000	0,000 0,000		
	TEST PROB.	A=C? 0.3875	A=D? 0.3702	A=E? 0.7930	A=F? 0.7760	A=G? 0.7659	A=H? 0.7664	A=CD? 0.3867	A=EF? 0.8054	A=GH? 0.7715	HOMO, 0.9439	TREND, 0.7667

TABLE 12-19 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-19

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	Y=65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1443	647	356	272	71	47	22	11	17		
TOTAL	EXP.		651.4	373.6	266.9	71.2	45.2	15.7	7.5	11.5		
	OBS./EXP.		0.993	0.953	1.019	0.997	1.039	1.399	1.474	1.482		
	RELATIVE RISK		1.000	0.959	1.026	1.003	1.046	1.409	1.484	1.492		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4119	0.4851	0.4355	0.1486	0.2099	0.1381	0.4257	0.2415	0.0764	0.3414	0.0057
1950-54	OBS.	152	78	33	19	12	7	1	2	0		
	EXP.		68.5	39.8	27.8	7.5	4.9	1.6	0.8	1.2		
	OBS./EXP.		1.139	0.829	0.684	1.603	1.438	0.629	2.581	0.000		
	RELATIVE RISK		1.000	0.728	0.600	1.407	1.262	0.552	2.265	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9334	0.2607	0.4117	0.7348	0.3876	0.8646	0.8260	0.4473	0.6032	0.0897	0.4830
1955-58	OBS.	199	84	55	40	11	5	1	2	1		
	EXP.		89.8	51.6	36.7	10.0	6.3	2.1	1.0	1.6		
	OBS./EXP.		0.936	1.067	1.091	1.102	0.800	0.466	1.928	0.634		
	RELATIVE RISK		1.000	1.140	1.166	1.178	0.855	0.498	2.061	0.677		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3135	0.4231	0.6375	0.7579	0.4442	0.6806	0.2938	0.7107	0.4098	0.8863	0.5976
1959-62	OBS.	227	103	52	40	13	12	3	2	2		
	EXP.		102.7	58.1	42.4	11.7	6.9	2.4	1.1	1.6		
	OBS./EXP.		1.003	0.895	0.944	1.109	1.738	1.248	1.750	1.228		
	RELATIVE RISK		1.000	0.893	0.942	1.106	1.733	1.245	1.746	1.225		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6072	0.4684	0.1124	0.4104	0.4094	0.3910	0.5551	0.1234	0.4103	0.5902	0.0820
1963-66	OBS.	222	99	51	46	10	7	4	1	4		
	EXP.		100.4	56.9	41.3	11.0	7.0	2.5	1.1	1.8		
	OBS./EXP.		0.986	0.896	1.114	0.906	1.006	1.594	0.896	2.250		
	RELATIVE RISK		1.000	0.909	1.130	0.919	1.020	1.618	0.909	2.313		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3411	0.6027	0.4572	0.3476	0.5841	0.1794	0.3909	0.4117	0.2492	0.6524	0.0527
1967-70	OBS.	222	102	59	40	5	6	5	0	5		
	EXP.		100.8	56.8	41.4	10.8	6.9	2.5	1.1	1.8		
	OBS./EXP.		1.012	1.039	0.967	0.462	0.868	2.008	0.000	2.825		
	RELATIVE RISK		1.000	1.027	0.955	0.456	0.857	1.984	0.000	2.791		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5945	0.9112	0.6559	0.2010	0.8476	0.0811	0.7586	0.4395	0.2621	0.0726	0.0771
1971-74	OBS.	220	103	51	44	8	6	3	2	3		
	EXP.		99.2	57.1	40.9	10.6	6.8	2.4	1.1	1.8		
	OBS./EXP.		1.038	0.893	1.076	0.757	0.877	1.232	1.788	1.692		
	RELATIVE RISK		1.000	0.860	1.036	0.730	0.845	1.187	1.722	1.630		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4765	0.7585	0.6628	0.4129	0.3995	0.4194	0.5618	0.5965	0.2894	0.8413	0.1678
1975-78	OBS.	201	78	55	43	12	4	5	2	2		
	EXP.		90.0	53.3	37.2	9.5	6.5	2.1	1.0	1.5		
	OBS./EXP.		0.867	1.033	1.157	1.267	0.619	2.354	1.984	1.316		
	RELATIVE RISK		1.000	1.191	1.334	1.461	0.714	2.715	2.288	1.519		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1557	0.2235	0.7374	0.0986	0.3839	0.3843	0.1185	0.4364	0.2936	0.2366	0.0649

TABLE 12-20 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-20

HIROSHIMA, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS, TOTAL	16	8	6	1	0	0	0	0	1		
	EXP.	7.5	4.3	2.9	0.7	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.064 1.000	1.404 1.319	0.340 0.320	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	12.450 11.703		
	TEST PROB.	A=C? 0.8482	A=D? 0.8276	A=E? 0.7984	A=F? 0.7779	A=G? 0.7683	A=H? 0.2495	A=CD? 0.8822	A=EF? 0.8120	A=GH? 0.2575	HQHQ, 0.0563	TREND, 0.0786
1950-54	OBS, TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HQHQ, X	TREND, X
1955-58	OBS, TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HQHQ, X	TREND, X
1959-62	OBS, TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	2.139 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.8266	A=D? 0.7782	A=E? 0.7703	A=F? 0.7645	A=G? 0.7621	A=H? 0.7627	A=CD? 0.8379	A=EF? 0.7743	A=GH? 0.7645	HQHQ, 0.9923	TREND, 0.6271
1963-66	OBS, TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HQHQ, X	TREND, X
1967-70	OBS, TOTAL	3	1	1	0	0	0	0	0	1		
	EXP.	1.4	0.8	0.6	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.705 1.000	1.266 1.796	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	68.702 97.433		
	TEST PROB.	A=C? 0.8281	A=D? 0.7783	A=E? 0.7685	A=F? 0.7641	A=G? 0.7620	A=H? 0.2409	A=CD? 0.8393	A=EF? 0.7722	A=GH? 0.2418	HQHQ, 0.0000	TREND, 0.0000
1971-74	OBS, TOTAL	5	1	3	1	0	0	0	0	0		
	EXP.	2.3	1.3	0.9	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.427 1.000	2.226 5.211	1.097 2.568	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.2900	A=D? 0.7782	A=E? 0.7702	A=F? 0.7644	A=G? 0.7621	A=H? 0.7626	A=CD? 0.3042	A=EF? 0.7741	A=GH? 0.7644	HQHQ, 0.8657	TREND, 0.6703
1975-78	OBS, TOTAL	7	5	2	0	0	0	0	0	0		
	EXP.	3.3	1.9	1.3	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1.517 1.000	1.074 0.708	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.9021	A=D? 0.8087	A=E? 0.7865	A=F? 0.7719	A=G? 0.7656	A=H? 0.7670	A=CD? 0.9179	A=EF? 0.7962	A=GH? 0.7721	HQHQ, 0.9085	TREND, 0.7857

TABLE 12-21 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-21

HIROSHIMA, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	38	15	14	6	1	0	0	0	2		
	EXP.		17.2	11.0	6.0	1.4	1.1	0.5	0.3	0.4		
	OBS./EXP. RELATIVE RISK		0.871 1.000	1.273 1.462	1.006 1.156	0.707 0.813	0.000 0.000	0.000 0.000	0.000 0.000	4.563 5.242		
	TEST PROB.	A=C? 0.4303	A=D? 0.6399	A=E? 0.8461	A=F? 0.8021	A=G? 0.7917	A=H? 0.1388	A=CD? 0.4376	A=EF? 0.8693	A=GH? 0.3081	HOMO. 0.2695	TREND. 0.2011
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	4	1	3	0	0	0	0	0	0		
	RELATIVE RISK		1.8 1.000	1.1 5.191	0.7 0.000	0.2 0.000	0.1 0.000	0.1 0.000	0.1 0.000	0.0 0.000		
	TEST PROB.	A=C? 0.8267	A=D? 0.7803	A=E? 0.7755	A=F? 0.7662	A=G? 0.7652	A=H? 0.7648	A=CD? 0.8393	A=EF? 0.7808	A=GH? 0.7697	HOMO. 0.6518	TREND. 0.7272
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	4	2	2	0	0	0	0	0	0		
	RELATIVE RISK		1.8 1.100 1.000	1.1 1.762 1.602	0.6 0.000 0.000	0.2 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.0 0.000 0.000		
	TEST PROB.	A=C? 0.8446	A=D? 0.7857	A=E? 0.7809	A=F? 0.7691	A=G? 0.7667	A=H? 0.7684	A=CD? 0.8586	A=EF? 0.7886	A=GH? 0.7744	HOMO. 0.9729	TREND. 0.7281
1967-70	OBS. EXP.	8	3	3	1	0	0	0	0	1		
	RELATIVE RISK		3.7 0.820 1.000	2.2 1.365 1.664	1.3 0.762 0.929	0.3 0.000 0.000	0.2 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.1 11.378 13.870		
	TEST PROB.	A=C? 0.5873	A=D? 0.7977	A=E? 0.7886	A=F? 0.7719	A=G? 0.7702	A=H? 0.2469	A=CD? 0.6660	A=EF? 0.7982	A=GH? 0.2552	HOMO. 0.1516	TREND. 0.0339
1971-74	OBS. EXP.	11	6	3	2	0	0	0	0	0		
	RELATIVE RISK		5.0 1.204 1.000	3.2 0.929 0.772	1.7 1.175 0.976	0.4 0.000 0.000	0.3 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000		
	TEST PROB.	A=C? 0.5616	A=D? 0.8114	A=E? 0.8033	A=F? 0.7801	A=G? 0.7740	A=H? 0.7787	A=CD? 0.6617	A=EF? 0.8181	A=GH? 0.7908	HOMO. 0.9867	TREND. 0.8032
1975-78	OBS. EXP.	11	3	3	3	1	0	0	0	1		
	RELATIVE RISK		5.0 0.606 1.000	3.4 0.889 1.468	1.6 1.336 3.031	0.4 2.666 4.402	0.3 0.000 0.000	0.1 0.000 0.000	0.1 0.000 0.000	0.1 7.863 12.984		
	TEST PROB.	A=C? 0.2867	A=D? 0.2675	A=E? 0.7863	A=F? 0.7718	A=G? 0.7681	A=H? 0.2483	A=CD? 0.2111	A=EF? 0.7960	A=GH? 0.2546	HOMO. 0.2171	TREND. 0.0522

TABLE 12-22 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-22

HIROSHIMA, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	167	66	41	40.	5	6	2	2	2		
	EXP.	74.3	45.2	29.4	8.0	5.0	2.1	1.2	1.8			
	OBS./EXP.	0.888	0.907	1.360	0.626	1.197	2.384	1.688	1.117			
	RELATIVE RISK	1.000	1.021	1.531	0.704	1.347	2.684	1.900	1.257			
	TEST PROB.	A=C? 0.0744	A=D? 0.7390	A=E? 0.3999	A=F? 0.1050	A=G? 0.4242	A=H? 0.3921	A=CD? 0.1482	A=EF? 0.1673	A=GH? 0.3982	HOMO. 0.1364	TREND. 0.0890
1950-54	OBS. EXP.	5	1	4	0	0	0	0	0	0		
	EXP.	2.2	1.4	0.9	0.2	0.2	0.1	0.0	0.1			
	OBS./EXP.	0.451	2.946	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	6.529	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.8303	A=D? 0.7844	A=E? 0.7735	A=F? 0.7655	A=G? 0.7635	A=H? 0.7654	A=CD? 0.8452	A=EF? 0.7784	A=GH? 0.7686	HOMO. 0.4038	TREND. 0.7461
1955-58	OBS. EXP.	12	4	1	4	2	0	1	0	0		
	EXP.	5.3	3.2	2.2	0.6	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP.	0.748	0.316	1.844	3.254	0.000	7.122	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.422	2.464	4.349	0.000	9.518	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.2769	A=D? 0.2576	A=E? 0.7914	A=F? 0.2509	A=G? 0.7682	A=H? 0.7728	A=CD? 0.1738	A=EF? 0.2844	A=GH? 0.7801	HOMO. 0.0905	TREND. 0.2059
1959-62	OBS. EXP.	13	4	3	1	0	3	0	1	1		
	EXP.	5.8	3.5	2.3	0.6	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP.	0.593	0.846	0.441	0.000	7.621	0.000	10.687	7.072			
	RELATIVE RISK	1.000	1.221	0.636	0.000	11.004	0.000	15.430	10.211			
	TEST PROB.	A=C? 0.6996	A=D? 0.8085	A=E? 0.0144	A=F? 0.7759	A=G? 0.2469	A=H? 0.2510	A=CD? 0.7547	A=EF? 0.0435	A=GH? 0.0422	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. EXP.	28	11	7	6	0	1	2	0	1		
	EXP.	12.5	7.5	5.0	1.4	0.8	0.3	0.2	0.2	0.3		
	OBS./EXP.	0.881	0.932	1.208	0.000	1.210	5.743	0.000	3.337			
	RELATIVE RISK	1.000	1.059	1.372	0.000	1.374	6.522	0.000	3.789			
	TEST PROB.	A=C? 0.4355	A=D? 0.8581	A=E? 0.3588	A=F? 0.1049	A=G? 0.7798	A=H? 0.2720	A=CD? 0.4356	A=EF? 0.2124	A=GH? 0.2978	HOMO. 0.1178	TREND. 0.0404
1967-70	OBS. EXP.	29	11	8	9	1	0	0	0	0		
	EXP.	12.9	7.9	5.1	1.4	0.9	0.4	0.2	0.2	0.3		
	OBS./EXP.	0.850	1.019	1.775	0.729	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.198	2.087	0.857	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.1628	A=D? 0.6124	A=E? 0.8302	A=F? 0.7944	A=G? 0.7804	A=H? 0.7893	A=CD? 0.2142	A=EF? 0.8514	A=GH? 0.8059	HOMO. 0.6339	TREND. 0.8456
1971-74	OBS. EXP.	38	17	8	11	1	1	0	0	0		
	EXP.	16.9	10.3	6.7	1.8	1.1	0.5	0.3	0.3	0.4		
	OBS./EXP.	1.003	0.778	1.646	0.552	0.879	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.776	1.641	0.550	0.876	0.000	0.000	0.000	0.000		
	TEST PROB.	A=C? 0.2222	A=D? 0.7248	A=E? 0.6190	A=F? 0.8115	A=G? 0.7910	A=H? 0.8031	A=CD? 0.3073	A=EF? 0.7231	A=GH? 0.8262	HOMO. 0.6806	TREND. 0.8290
1975-78	OBS. EXP.	42	18	10	9	1	1	2	1	0		
	EXP.	18.6	11.5	7.3	1.9	1.3	0.5	0.3	0.3	0.4		
	OBS./EXP.	0.966	0.866	1.225	0.514	0.784	3.807	3.354	0.000	0.000		
	RELATIVE RISK	1.000	0.896	1.268	0.532	0.811	3.939	3.470	0.000	0.000		
	TEST PROB.	A=C? 0.4110	A=D? 0.7427	A=E? 0.6372	A=F? 0.2202	A=G? 0.2760	A=H? 0.8035	A=CD? 0.4495	A=EF? 0.4115	A=GH? 0.3551	HOMO. 0.3920	TREND. 0.2749

TABLE 12-23 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-23

HIROSKIMA, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	632	276	150	121	37	23	9	7	9		
	EXP.	283.4	160.7	118.8	30.6	22.7	7.2	3.2	5.5			
	OBS./EXP. RELATIVE RISK	0.974 1.000	0.934 0.959	1.019 1.046	1.210 1.242	1.013 1.040	1.255 1.289	2.191 2.249	1.638 1.682			
	TEST PROB.	A=C? 0.4011	A=D? 0.2098	A=E? 0.4714	A=F? 0.3552	A=G? 0.0922	A=H? 0.1787	A=CD? 0.2930	A=EF? 0.3970	A=GH? 0.0496	HOMO. 0.2158	TREND. 0.0050
1950-54	OBS. TOTAL	46	19	10	7	6	2	1	1	0		
	EXP.	20.7	11.6	8.6	2.3	1.6	0.5	0.3	0.4			
	OBS./EXP. RELATIVE RISK	0.920 1.000	0.862 0.937	0.809 0.880	2.651 2.881	1.230 1.337	1.861 2.023	3.775 4.104	0.000 0.000			
	TEST PROB.	A=C? 0.6266	A=D? 0.0786	A=E? 0.3841	A=F? 0.3076	A=G? 0.2692	A=H? 0.7985	A=CD? 0.3625	A=EF? 0.4374	A=GH? 0.3306	HOMO. 0.2015	TREND. 0.1534
1955-58	OBS. TOTAL	74	31	18	14	4	4	0	2	1		
	EXP.	33.2	18.8	13.8	3.6	2.7	0.9	0.4	0.7			
	OBS./EXP. RELATIVE RISK	0.935 1.000	0.956 1.023	1.016 1.087	1.105 1.182	1.506 1.610	0.000 0.000	4.810 5.145	1.448 1.549			
	TEST PROB.	A=C? 0.4619	A=D? 0.4209	A=E? 0.3646	A=F? 0.8306	A=G? 0.1400	A=H? 0.3364	A=CD? 0.4697	A=EF? 0.4231	A=GH? 0.1853	HOMO. 0.3375	TREND. 0.0984
1959-62	OBS. TOTAL	89	36	21	20	7	1	2	1	1		
	EXP.	39.9	22.5	16.8	4.4	3.2	1.0	0.5	0.8			
	OBS./EXP. RELATIVE RISK	0.901 1.000	0.934 1.037	1.192 1.323	1.599 1.774	0.317 0.352	1.969 2.185	2.106 2.337	1.270 1.409			
	TEST PROB.	A=C? 0.2662	A=D? 0.2144	A=E? 0.8344	A=F? 0.4298	A=G? 0.2958	A=H? 0.3535	A=CD? 0.1887	A=EF? 0.6665	A=GH? 0.4007	HOMO. 0.5688	TREND. 0.2049
1963-66	OBS. TOTAL	92	40	18	20	7	4	2	0	1		
	EXP.	41.3	23.4	17.2	4.4	3.4	1.0	0.4	0.8			
	OBS./EXP. RELATIVE RISK	0.968 1.000	0.770 0.796	1.162 1.200	1.593 1.646	1.193 1.233	1.914 1.977	0.000 0.000	1.197 1.237			
	TEST PROB.	A=C? 0.3627	A=D? 0.2506	A=E? 0.4267	A=F? 0.4479	A=G? 0.8025	A=H? 0.3775	A=CD? 0.2653	A=EF? 0.3692	A=GH? 0.6351	HOMO. 0.6888	TREND. 0.2197
1967-70	OBS. TOTAL	109	53	29	18	1	5	1	0	2		
	EXP.	48.9	27.6	20.7	5.2	3.9	1.2	0.5	0.9			
	OBS./EXP. RELATIVE RISK	1.084 1.000	1.050 0.968	0.869 0.802	0.193 0.178	1.273 1.175	0.818 0.755	0.000 0.000	2.145 1.979			
	TEST PROB.	A=C? 0.7457	A=D? 0.9356	A=E? 0.4329	A=F? 0.6572	A=G? 0.8107	A=H? 0.4395	A=CD? 0.8696	A=EF? 0.4416	A=GH? 0.3888	HOMO. 0.5131	TREND. 0.4568
1971-74	OBS. TOTAL	112	54	25	20	4	4	0	2	3		
	EXP.	50.1	28.7	21.2	5.4	4.0	1.3	0.5	0.9			
	OBS./EXP. RELATIVE RISK	1.079 1.000	0.872 0.808	0.944 0.875	0.745 0.690	0.990 0.918	0.000 0.000	4.043 3.749	3.317 3.076			
	TEST PROB.	A=C? 0.6712	A=D? 0.7426	A=E? 0.5900	A=F? 0.8626	A=G? 0.2222	A=H? 0.1575	A=CD? 0.7230	A=EF? 0.7337	A=GH? 0.0517	HOMO. 0.1029	TREND. 0.0402
1975-78	OBS. TOTAL	110	43	29	22	8	3	3	1	1		
	EXP.	49.2	28.5	20.6	5.2	4.1	1.2	0.4	0.8			
	OBS./EXP. RELATIVE RISK	0.874 1.000	1.018 1.165	1.066 1.220	1.535 1.756	0.738 0.844	2.602 2.978	2.230 2.552	1.249 1.428			
	TEST PROB.	A=C? 0.3345	A=D? 0.1923	A=E? 0.6479	A=F? 0.1724	A=G? 0.2892	A=H? 0.3523	A=CD? 0.2268	A=EF? 0.4308	A=GH? 0.4122	HOMO. 0.4977	TREND. 0.0813

TABLE 12-24 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-24

HIROSHIMA, MALE + FEMALE, AGE ATB 50+

YEAR CLASS	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	590	282	145	104	28	18	8	2	3		
	EXP.	268.9	152.4	109.8	30.6	16.1	5.8	2.7	3.7			
	OBS./EXP.	1.049	0.951	0.947	0.915	1.121	1.370	0.745	0.818			
	RELATIVE RISK	1.000	0.907	0.903	0.873	1.069	1.307	0.710	0.780			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7473	0.7057	0.4596	0.3567	0.6933	0.6666	0.7782	0.3531	0.7088	0.8972	0.5342
1950-54	OBS.	101	58	19	12	6	5	0	1	0		
	EXP.	45.6	26.8	18.3	5.0	3.1	1.0	0.5	0.8			
	OBS./EXP.	1.272	0.708	0.657	1.204	1.617	0.000	2.109	0.000			
	RELATIVE RISK	1.000	0.556	0.517	0.946	1.271	0.000	1.657	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9443	0.5749	0.4801	0.8579	0.3276	0.8428	0.9191	0.5622	0.7069	0.1152	0.6799
1955-58	OBS.	109	48	33	22	5	1	0	0	0		
	EXP.	49.4	28.5	20.0	5.6	3.1	1.1	0.5	0.7			
	OBS./EXP.	0.971	1.158	1.098	0.895	0.321	0.000	0.000	0.000			
	RELATIVE RISK	1.000	1.193	1.131	0.922	0.331	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4100	0.5909	0.8405	0.8461	0.8063	0.8217	0.4480	0.8913	0.8523	0.6868	0.9636
1959-62	OBS.	124	62	28	19	6	8	1	0	0		
	EXP.	56.6	31.8	23.1	6.7	3.3	1.2	0.6	0.7			
	OBS./EXP.	1.096	0.880	0.821	0.896	2.397	0.827	0.000	0.000			
	RELATIVE RISK	1.000	0.803	0.749	0.817	2.186	0.754	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8069	0.6722	0.0877	0.6569	0.8175	0.8272	0.8109	0.1476	0.8641	0.2088	0.5743
1963-66	OBS.	98	46	24	20	3	2	0	1	2		
	EXP.	44.8	24.9	18.5	5.1	2.7	1.1	0.4	0.6			
	OBS./EXP.	1.027	0.964	1.084	0.586	0.752	0.000	2.284	3.485			
	RELATIVE RISK	1.000	0.939	1.055	0.570	0.733	0.000	2.224	3.393			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4666	0.7946	0.6786	0.8485	0.2987	0.2431	0.5841	0.7892	0.1735	0.4714	0.2209
1967-70	OBS.	73	34	18	12	3	1	4	0	1		
	EXP.	33.9	18.3	13.7	3.8	1.8	0.8	0.3	0.4			
	OBS./EXP.	1.004	0.984	0.875	0.785	0.554	5.172	0.000	2.344			
	RELATIVE RISK	1.000	0.980	0.872	0.782	0.552	5.152	0.000	2.355			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6508	0.6618	0.7341	0.0201	0.7909	0.2905	0.6750	0.2220	0.3457	0.0314	0.0501
1971-74	OBS.	54	25	12	10	3	1	3	0	0		
	EXP.	24.9	13.6	10.4	2.8	1.2	0.5	0.2	0.3			
	OBS./EXP.	1.004	0.884	0.959	1.080	0.811	5.718	0.000	0.000			
	RELATIVE RISK	1.000	0.880	0.956	1.076	0.808	5.697	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5656	0.4297	0.6304	0.0388	0.7850	0.7912	0.5407	0.2089	0.8109	0.0834	0.1758
1975-78	OBS.	31	9	11	9	2	0	0	0	0		
	EXP.	13.9	8.0	6.3	1.7	0.7	0.3	0.2	0.1			
	OBS./EXP.	0.647	1.376	1.436	1.209	0.000	0.000	0.000	0.000			
	RELATIVE RISK	1.000	2.126	2.218	1.868	0.000	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1500	0.4013	0.8033	0.7793	0.7703	0.7687	0.1449	0.8174	0.7779	0.6195	0.7284

TABLE 12-25 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-25

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	311	61	117	68	20	17	10	6	12		
TOTAL	EXP.		66.6	110.8	64.9	25.0	21.8	11.0	4.8	6.1		
	OBS./EXP.		0.915	1.056	1.047	0.801	0.780	0.909	1.256	1.965		
	RELATIVE RISK		1.000	1.154	1.144	0.874	0.852	0.993	1.372	2.147		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3036	0.6826	0.7000	0.5447	0.4079	0.0494	0.4086	0.6709	0.0704	0.2412	0.1062
1950-54	OBS.	31	2	9	9	3	4	1	0	3		
	EXP.		6.4	11.5	7.2	2.3	1.8	0.9	0.4	0.6		
	OBS./EXP.		0.315	0.783	1.250	1.299	2.199	1.138	0.000	5.410		
	RELATIVE RISK		1.000	2.486	3.968	4.124	6.983	3.613	0.000	17.180		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1389	0.2244	0.0668	0.2796	0.7823	0.0057	0.1268	0.0833	0.0362	0.0119	0.0012
1955-58	OBS.	42	9	20	9	1	0	1	0	2		
	EXP.		8.4	15.8	9.7	3.2	2.5	1.2	0.5	0.7		
	OBS./EXP.		1.074	1.268	0.926	0.315	0.000	0.823	0.000	2.681		
	RELATIVE RISK		1.000	1.181	0.862	0.293	0.000	0.766	0.000	2.496		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6044	0.8667	0.9210	0.6386	0.8155	0.3818	0.7343	0.8832	0.3767	0.3413	0.5909
1959-62	OBS.	30	4	14	8	2	1	0	1	0		
	EXP.		6.4	10.6	6.1	2.5	2.1	1.1	0.5	0.6		
	OBS./EXP.		0.623	1.315	1.301	0.801	0.468	0.000	2.110	0.000		
	RELATIVE RISK		1.000	2.109	2.087	1.254	0.750	0.000	3.384	0.000		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2783	0.3846	0.6712	0.8306	0.2796	0.8080	0.3130	0.7656	0.3597	0.5904	0.8722
1963-66	OBS.	43	8	17	9	4	2	0	0	3		
	EXP.		9.6	14.7	8.8	3.6	3.1	1.6	0.7	0.9		
	OBS./EXP.		0.830	1.159	1.024	1.106	0.643	0.000	0.000	3.300		
	RELATIVE RISK		1.000	1.396	1.233	1.332	0.774	0.000	0.000	3.974		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4464	0.4228	0.6786	0.8724	0.8222	0.1331	0.4536	0.8080	0.3275	0.3131	0.3549
1967-70	OBS.	52	9	18	14	3	3	2	2	1		
	EXP.		11.8	17.8	10.3	4.3	3.9	2.0	0.8	1.1		
	OBS./EXP.		0.762	1.010	1.354	0.698	0.778	1.016	2.372	0.936		
	RELATIVE RISK		1.000	1.324	1.776	0.916	1.021	1.332	3.111	1.228		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2194	0.5997	0.4420	0.3802	0.3258	0.3868	0.2925	0.4215	0.3645	0.7601	0.3960
1971-74	OBS.	53	16	18	7	4	3	3	1	1		
	EXP.		11.4	19.0	10.6	4.3	3.9	2.0	0.8	0.9		
	OBS./EXP.		1.405	0.946	0.662	0.930	0.764	1.499	1.197	1.058		
	RELATIVE RISK		1.000	0.673	0.471	0.662	0.544	1.067	0.852	0.753		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9180	0.7587	0.8168	0.4438	0.6115	0.6442	0.9106	0.7594	0.6349	0.7864	0.4357
1975-78	OBS.	60	13	21	12	3	4	3	2	2		
	EXP.		13.2	20.9	11.8	4.9	4.6	2.4	1.0	1.1		
	OBS./EXP.		0.982	1.005	1.019	0.613	0.863	1.247	1.965	1.750		
	RELATIVE RISK		1.000	1.024	1.038	0.624	0.879	1.269	2.001	1.782		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4513	0.7650	0.5895	0.4071	0.4131	0.4025	0.5464	0.4377	0.3093	0.9214	0.1829

TABLE 12-26 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-26

NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	5	.2	0	1	0	2	0	0			
	EXP.	1.0	2.0	1.2	0.3	0.2	0.1	0.0	0.1			
	OBS./EXP. RELATIVE RISK	1.972	0.000	0.801	0.000	0.000	17.906	0.000	0.000			
	TEST PROB.	A=C? 0.8038	A=0? 0.8401	A=E? 0.8142	A=F? 0.1224	A=G? 0.7743	A=H? 0.7855	A=CD? 0.8481	A=EF? 0.4196	A=GH? 0.7974	HOMO. 0.0000	TREND. 0.0298
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0			
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=0? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	1	0	0	0	0	1	0	0			
	RELATIVE RISK	0.000	0.000	0.000	0.000	0.000	44.026	0.000	0.000			
	TEST PROB.	A=C? X	A=0? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0047
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0			
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=0? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0			
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=0? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1967-70	OBS. EXP.	1	1	0	0	0	0	0	0			
	RELATIVE RISK	4.933	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
	TEST PROB.	A=C? 0.9060	A=0? 0.8183	A=E? 0.7983	A=F? 0.7824	A=G? 0.7698	A=H? 0.7774	A=CD? 0.9243	A=EF? 0.8155	A=GH? 0.7859	HOMO. 0.7874	TREND. 0.6556
1971-74	OBS. EXP.	1	0	0	1	0	0	0	0			
	RELATIVE RISK	0.000	0.000	0.000	4.010	0.000	0.000	0.000	0.000			
	TEST PROB.	A=C? 0.2398	A=0? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.3841	TREND. 0.5668
1975-78	OBS. EXP.	2	1	0	0	0	1	0	0			
	RELATIVE RISK	2.471	0.000	0.000	0.000	0.000	22.530	0.000	0.000			
	TEST PROB.	A=C? 0.9058	A=0? 0.8187	A=E? 0.7984	A=F? 0.2523	A=G? 0.7699	A=H? 0.7775	A=CD? 0.9244	A=EF? 0.2784	A=GH? 0.7861	HOMO. 0.0017	TREND. 0.0662

TABLE 12-27 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-27

NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T=65 TOTAL OOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	27	2	10	3	2	5	1	3	1		
	EXP.		5.7	9.7	4.4	2.1	2.8	1.4	0.4	0.5		
	OBS./EXP. RELATIVE RISK		0.350 1.000	1.032 2.944	0.679 1.937	0.932 2.659	1.811 5.167	0.738 2.105	7.822 22.321	1.874 5.347		
	TEST PROB.	A=C? 0.4006	A=D? 0.4088	A=E? 0.1105	A=F? 0.3016	A=G? 0.0029	A=H? 0.2634	A=CD? 0.3832	A=EF? 0.1472	A=GH? 0.0140	HOMO. 0.0017	TREND. 0.0044
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK		0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	2.622 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. 0.9778	TREND. 0.6823
1959-62	OBS. EXP.	2	0	1	0	0	0	0	1	0		
	RELATIVE RISK		0.4	0.7	0.3	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	1.392 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	35.138 X	0.000 X	
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? 0.2398	A=H? X	A=CD? X	A=EF? X	A=GH? 0.2398	HOMO. 0.0000	TREND. 0.0414
1963-66	OBS. EXP.	2	0	1	0	0	1	0	0	0		
	RELATIVE RISK		0.4	0.7	0.3	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	1.479 X	0.000 X	0.000 X	4.602 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? 0.2398	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.7704	TREND. 0.4002
1967-70	OBS. EXP.	5	0	3	1	0	1	0	0	0		
	RELATIVE RISK		1.1	1.8	0.8	0.4	0.5	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000 X	1.695 X	1.219 X	0.000 X	1.928 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? 0.2398	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? 0.2398	A=GH? X	HOMO. 0.8625	TREND. 0.6527
1971-74	OBS. EXP.	7	2	1	0	1	1	1	1	0		
	RELATIVE RISK		1.5	2.5	1.2	0.6	0.7	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.358 1.000	0.398 0.293	0.000 0.000	1.789 1.317	1.400 1.031	2.892 2.128	10.018 7.374	0.000 0.000		
	TEST PROB.	A=C? 0.9019	A=D? 0.3650	A=E? 0.4554	A=F? 0.3017	A=G? 0.2556	A=H? 0.7887	A=CD? 0.7941	A=EF? 0.3688	A=GH? 0.2779	HOMO. 0.0932	TREND. 0.0428
1975-78	OBS. EXP.	10	0	3	2	1	2	0	1	1		
	RELATIVE RISK		2.1	3.6	1.7	0.8	1.0	0.5	0.1	0.2		
	OBS./EXP. RELATIVE RISK		0.000 X	0.835 X	1.208 X	1.258 X	1.960 X	0.000 X	7.264 X	4.952 X		
	TEST PROB.	A=C? 0.3529	A=D? 0.2398	A=E? 0.2330	A=F? X	A=G? 0.2398	A=H? 0.2398	A=CD? 0.2696	A=EF? 0.3294	A=GH? 0.0506	HOMO. 0.0901	TREND. 0.0087

TABLE 12-28 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-28

NAGASAKI, MALE + FEMALE, AGE ATB 20-34

		T=65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	44	13	13	5	4	1	6	1	1		
TOTAL	EXP.		9.8	14.6	8.2	3.8	3.8	2.1	0.9	0.9		
	OBS./EXP.	1.324	0.893	0.613	1.064	0.266	2.821	1.073	1.119			
	RELATIVE RISK	1.000	0.674	0.463	0.803	0.201	2.131	0.810	0.845			
TEST	PROB.	A=C? 0.8805	A=D? 0.6636	A=E? 0.9214	A=F? 0.1972	A=G? 0.6353	A=H? 0.6014	A=CD? 0.8508	A=EF? 0.6166	A=GH? 0.6307	HOMO. 0.1144	TREND. 0.2069
1950-54	OBS.	2	0	1	0	0	0	1	0	0		
	EXP.		0.5	0.7	0.4	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP.	0.000	1.534	0.000	0.000	0.000	9.843	0.000	0.000	0.000		
	RELATIVE RISK	X	X	X	X	X	X	X	X	X		
TEST	PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.2282	TREND. 0.1998
1955-58	OBS.	2	1	1	0	0	0	0	0	0		
	EXP.		0.4	0.8	0.4	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.	2.561	1.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
TEST	PROB.	A=C? 0.8945	A=D? 0.8264	A=E? 0.8244	A=F? 0.7962	A=G? 0.7785	A=H? 0.7820	A=CD? 0.9186	A=EF? 0.8478	A=GH? 0.7978	HOMO. 0.9656	TREND. 0.7525
1959-62	OBS.	4	1	3	0	0	0	0	0	0		
	EXP.		0.8	1.4	0.8	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP.	1.179	2.149	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	1.823	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
TEST	PROB.	A=C? 0.8943	A=D? 0.8265	A=E? 0.8250	A=F? 0.7966	A=G? 0.7788	A=H? 0.7812	A=CD? 0.9185	A=EF? 0.8486	A=GH? 0.7973	HOMO. 0.8199	TREND. 0.8318
1963-66	OBS.	5	3	1	0	1	0	0	0	0		
	EXP.		1.1	1.7	0.9	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP.	2.705	0.603	0.000	2.360	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.223	0.000	0.872	0.000	0.000	0.000	0.000	0.000		
TEST	PROB.	A=C? 0.9212	A=D? 0.6065	A=E? 0.8700	A=F? 0.8361	A=G? 0.7978	A=H? 0.7942	A=CD? 0.8727	A=EF? 0.9055	A=GH? 0.8243	HOMO. 0.5259	TREND. 0.7861
1967-70	OBS.	6	1	1	2	0	0	1	1	0		
	EXP.		1.3	2.0	1.1	0.5	0.5	0.3	0.1	0.1		
	OBS./EXP.	0.771	0.490	1.741	0.000	0.000	3.608	8.164	0.000	0.000		
	RELATIVE RISK	1.000	0.636	2.257	0.000	0.000	4.678	10.585	0.000	0.000		
TEST	PROB.	A=C? 0.3423	A=D? 0.8276	A=E? 0.8277	A=F? 0.2697	A=G? 0.2506	A=H? 0.7771	A=CD? 0.3505	A=EF? 0.3358	A=GH? 0.2618	HOMO. 0.1607	TREND. 0.1024
1971-74	OBS.	11	3	3	0	2	1	2	0	0		
	EXP.		2.4	3.7	2.1	0.9	0.9	0.5	0.2	0.2		
	OBS./EXP.	1.252	0.805	0.000	2.162	1.084	3.938	0.000	0.000	0.000		
	RELATIVE RISK	1.000	0.643	0.000	1.727	0.866	3.145	0.000	0.000	0.000		
TEST	PROB.	A=C? 0.9359	A=D? 0.3652	A=E? 0.6109	A=F? 0.3739	A=G? 0.7972	A=H? 0.7968	A=CD? 0.7724	A=EF? 0.3980	A=GH? 0.8259	HOMO. 0.2864	TREND. 0.2650
1975-78	OBS.	14	4	3	3	1	0	2	0	1		
	EXP.		3.3	4.4	2.5	1.3	1.2	0.7	0.3	0.3		
	OBS./EXP.	1.209	0.688	1.224	0.762	0.000	2.822	0.000	3.474			
	RELATIVE RISK	1.000	0.569	1.012	0.631	0.000	2.335	0.000	2.874			
TEST	PROB.	A=C? 0.4385	A=D? 0.7110	A=E? 0.8841	A=F? 0.4236	A=G? 0.8077	A=H? 0.2792	A=CD? 0.5948	A=EF? 0.6234	A=GH? 0.3548	HOMO. 0.4867	TREND. 0.1551

TABLE 12-29 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-29

		NAGASAKI, MALE + FEMALE, AGE ATB 35-49										
		7-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	147	29	60	37	8	6	1	2	4		
TOTAL	EXP.	32.8	51.2	29.9	12.1	10.2	5.1	2.5	3.3			
	OBS./EXP.	0.884	1.172	1.238	0.660	0.590	0.197	0.798	1.224			
	RELATIVE RISK	1.000	1.326	1.400	0.747	0.667	0.223	0.903	1.384			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1600	0.7472	0.7902	0.9068	0.6135	0.4840	0.2905	0.8977	0.4396	0.1628	0.9026
1950-54	OBS.	9	1	5	2	1	0	0	0	0		
	EXP.	1.9	3.2	1.9	0.7	0.6	0.3	0.2	0.2			
	OBS./EXP.	0.524	1.544	1.056	1.417	0.000	0.000	0.000	0.000			
	RELATIVE RISK	1.000	2.947	2.016	2.704	0.000	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3515	0.2861	0.8185	0.7909	0.7786	0.7836	0.3795	0.8393	0.7993	0.9019	0.8398
1955-58	OBS.	14	2	6	6	0	0	0	0	0		
	EXP.	2.9	5.1	3.0	1.1	0.9	0.5	0.2	0.3			
	OBS./EXP.	0.683	1.174	2.021	0.000	0.000	0.000	0.000	0.000			
	RELATIVE RISK	1.000	1.719	2.960	0.000	0.000	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2193	0.8519	0.8413	0.8035	0.7866	0.7923	0.3450	0.8662	0.8136	0.4650	0.9144
1959-62	OBS.	18	3	8	5	1	1	0	0	0		
	EXP.	4.0	6.3	3.6	1.5	1.3	0.6	0.3	0.4			
	OBS./EXP.	0.755	1.275	1.390	0.651	0.780	0.000	0.000	0.000			
	RELATIVE RISK	1.000	1.689	1.843	0.863	1.034	0.000	0.000	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3774	0.6254	0.5450	0.8170	0.7922	0.7997	0.4841	0.6916	0.8243	0.8947	0.8923
1963-66	OBS.	23	2	9	7	2	1	0	0	2		
	EXP.	5.4	7.7	4.4	2.0	1.7	0.8	0.4	0.5			
	OBS./EXP.	0.372	1.171	1.580	0.980	0.587	0.000	0.000	3.781			
	RELATIVE RISK	1.000	3.143	4.241	2.631	1.577	0.000	0.000	10.150			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1447	0.4079	0.3302	0.8041	0.7819	0.1025	0.1542	0.4240	0.2233	0.2174	0.2218
1967-70	OBS.	33	7	11	8	2	2	1	1	1		
	EXP.	7.8	11.0	6.5	2.8	2.4	1.2	0.6	0.7			
	OBS./EXP.	0.897	0.997	1.233	0.710	0.848	0.836	1.761	1.344			
	RELATIVE RISK	1.000	1.112	1.375	0.791	0.945	0.932	1.962	1.497			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4496	0.6545	0.5805	0.5766	0.3110	0.3418	0.4395	0.5822	0.3795	0.9912	0.4002
1971-74	OBS.	21	6	9	4	1	0	0	0	1		
	EXP.	4.9	7.2	4.3	1.7	1.5	0.7	0.4	0.4			
	OBS./EXP.	1.227	1.254	0.935	0.598	0.000	0.000	0.000	2.310			
	RELATIVE RISK	1.000	1.022	0.762	0.487	0.000	0.000	0.000	1.882			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6652	0.7664	0.8948	0.8453	0.8088	0.3136	0.7352	0.9263	0.4472	0.7412	0.7144
1975-78	OBS.	29	8	12	5	1	2	0	1	0		
	EXP.	6.4	10.3	6.1	2.3	1.9	1.0	0.5	0.6			
	OBS./EXP.	1.244	1.170	0.818	0.439	1.035	0.000	2.154	0.000			
	RELATIVE RISK	1.000	0.941	0.658	0.353	0.832	0.000	1.731	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7042	0.8393	0.6433	0.8620	0.3285	0.8250	0.7859	0.7758	0.6417	0.8065	0.8103

TABLE 12-30 MALIGNANT NEOPLASMS OF STOMACH

TABLE 12-30

NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR CLASS	T-65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 88	15 17.3	34 33.4	22 21.2	6 6.6	5 4.9	0 2.3	0 0.9	6 1.3			
	OBS./EXP. RELATIVE RISK	0.867 1.000	1.019 1.174	1.037 1.195	0.905 1.043	1.019 1.175	0.000 0.000	0.000 0.000	4.528 5.220			
	TEST PROB.	A=C? 0.4417	A=D? 0.4507	A=E? 0.4253	A=F? 0.8959	A=G? 0.2324	A=H? 0.0075	A=CD? 0.4564	A=EF? 0.6753	A=GH? 0.0676	HOMO. 0.0051	TREND. 0.0378
1950-54 TOTAL	OBS. EXP. 20	1 4.0	3 7.6	7 4.9	2 1.4	4 1.0	0 0.5	0 0.2	3 0.3			
	OBS./EXP. RELATIVE RISK	0.251 1.000	0.394 1.572	1.414 5.638	1.396 5.565	3.812 15.193	0.000 0.000	0.000 0.000	9.831 39.184			
	TEST PROB.	A=C? 0.1798	A=D? 0.3243	A=E? 0.0318	A=F? 0.7872	A=G? 0.7715	A=H? 0.0009	A=CD? 0.1579	A=EF? 0.0757	A=GH? 0.0107	HOMO. 0.0000	TREND. 0.0000
1955-58 TOTAL	OBS. EXP. 24	6 4.7	12 9.1	3 5.9	1 1.8	0 1.3	0 0.6	0 0.2	2 0.4			
	OBS./EXP. RELATIVE RISK	1.289 1.000	1.314 1.019	0.506 0.393	0.559 0.434	0.000 0.000	0.000 0.000	0.000 0.000	5.590 4.336			
	TEST PROB.	A=C? 0.8816	A=D? 0.7897	A=E? 0.8870	A=F? 0.8370	A=G? 0.7929	A=H? 0.2274	A=CD? 0.8984	A=EF? 0.9174	A=GH? 0.3939	HOMO. 0.0769	TREND. 0.2433
1959-62 TOTAL	OBS. EXP. 6	0 1.2	2 2.3	3 1.4	1 0.5	0 0.3	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.000 X	0.886 X	2.073 X	2.088 X	0.000 X	0.000 X	0.000 X	0.000 X			
	TEST PROB.	A=C? 0.3297	A=D? 0.2398	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2771	A=EF? X	A=GH? X	HOMO. 0.7688	TREND. 0.6694
1963-66 TOTAL	OBS. EXP. 13	3 2.7	6 4.6	2 3.1	1 1.0	0 0.8	0 0.4	0 0.2	1 0.2			
	OBS./EXP. RELATIVE RISK	1.106 1.000	1.293 1.170	0.646 0.584	1.012 0.916	0.000 0.000	0.000 0.000	0.000 0.000	4.036 3.651			
	TEST PROB.	A=C? 0.7553	A=D? 0.5590	A=E? 0.8494	A=F? 0.8108	A=G? 0.7862	A=H? 0.2753	A=CD? 0.7234	A=EF? 0.8766	A=GH? 0.3048	HOMO. 0.7283	TREND. 0.4639
1967-70 TOTAL	OBS. EXP. 7	0 1.4	3 2.6	3 1.6	1 0.5	0 0.4	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.000 X	1.156 X	1.836 X	1.945 X	0.000 X	0.000 X	0.000 X	0.000 X			
	TEST PROB.	A=C? 0.2542	A=D? 0.2398	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2375	A=EF? X	A=GH? X	HOMO. 0.7855	TREND. 0.7128
1971-74 TOTAL	OBS. EXP. 13	5 2.4	5 5.2	2 2.8	0 1.1	1 0.8	0 0.4	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	2.058 1.000	0.957 0.445	0.710 0.345	0.000 0.000	1.267 0.616	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.8861	A=D? 0.9130	A=E? 0.7174	A=F? 0.8385	A=G? 0.7958	A=H? 0.7934	A=CD? 0.9391	A=EF? 0.8044	A=GH? 0.8213	HOMO. 0.6855	TREND. 0.8307
1975-78 TOTAL	OBS. EXP. 5	0 1.0	3 1.9	2 1.1	0 0.4	0 0.4	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.000 X	1.582 X	1.895 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X			
	TEST PROB.	A=C? 0.4212	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.3681	A=EF? X	A=GH? X	HOMO. 0.8211	TREND. 0.8040

TABLE 13-1 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	157	63	40	27	8	7	5	1	6		
	EXP.		65.1	43.1	29.9	8.4	5.7	2.3	1.0	1.5		
	OBS./EXP. RELATIVE RISK		0.967 1.000	0.929	0.905 0.950	0.948 0.996	1.224 1.286	2.200 2.312	0.961 1.010	4.104 4.312		
	TEST PROB.	AB=C? 0.6028	AB=0? 0.5333	AB=E? 0.3852	AB=F? 0.1517	AB=G? 0.4721	AB=H? 0.0083	AB=CD? 0.5920	AB=E-H? 0.0384	AB=FGH? 0.0153	HOMO. 0.0104	TREND. 0.0001
1950-54	OBS. EXP.	11	4 4.7	4 3.0	3 2.1	0 0.6	0 0.4	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.856 1.000	1.323	1.436 1.382	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4017	AB=0? 0.8197	AB=E? 0.3018	AB=F? 0.7780	AB=G? 0.7689	AB=H? 0.7735	AB=CD? 0.4256	AB=E-H? 0.8295	AB=FGH? 0.7968	HOMO. 0.9583	TREND. 0.7839
1955-58	OBS. EXP.	10	7 4.3	1 2.6	1 1.9	1 0.5	0 0.3	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.621 1.000	0.380	0.516 0.449	1.390 1.642	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7874	AB=0? 0.3306	AB=E? 0.3023	AB=F? 0.7782	AB=G? 0.7681	AB=H? 0.7726	AB=CD? 0.6962	AB=E-H? 0.8287	AB=FGH? 0.7954	HOMO. 0.7560	TREND. 0.7342
1959-62	OBS. EXP.	10	3 4.5	3 2.6	2 1.8	1 0.5	1 0.3	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.670 1.000	1.158	1.091 1.286	1.929 2.273	3.050 3.595	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3824	AB=0? 0.3000	AB=E? 0.2737	AB=F? 0.7714	AB=G? 0.7659	AB=H? 0.7687	AB=CD? 0.4063	AB=E-H? 0.3053	AB=FGH? 0.7842	HOMO. 0.9157	TREND. 0.4704
1963-66	OBS. EXP.	25	11 11.0	4 6.4	6 4.9	1 1.3	2 0.8	0 0.3	0 0.1	1 0.2		
	OBS./EXP. RELATIVE RISK		1.003 1.000	0.621	1.235 1.433	0.779 0.905	2.552 2.962	0.000 0.000	0.000 0.000	4.967 5.766		
	TEST PROB.	AB=C? 0.3818	AB=0? 0.5903	AB=E? 0.2767	AB=F? 0.7857	AB=G? 0.7723	AB=H? 0.2571	AB=CD? 0.4316	AB=E-H? 0.2219	AB=FGH? 0.3075	HOMO. 0.4516	TREND. 0.0781
1967-70	OBS. EXP.	24	11 9.6	6 6.7	2 4.7	1 1.3	0 0.9	2 0.4	0 0.2	2 0.2		
	OBS./EXP. RELATIVE RISK		1.145 1.000	0.890	0.429 0.412	0.762 0.732	0.000 0.000	5.200 4.999	0.000 0.000	9.481 9.114		
	TEST PROB.	AB=C? 0.8506	AB=0? 0.6413	AB=E? 0.8364	AB=F? 0.1614	AB=G? 0.7753	AB=H? 0.0346	AB=CD? 0.8374	AB=E-H? 0.2037	AB=FGH? 0.0248	HOMO. 0.0008	TREND. 0.0004
1971-74	OBS. EXP.	37	11 14.8	13 10.6	9 7.1	3 2.0	1 1.4	0 0.6	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK		0.744 1.000	1.230	1.276 1.348	1.499 1.585	0.712 0.752	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3669	AB=0? 0.4533	AB=E? 0.6546	AB=F? 0.8192	AB=G? 0.7877	AB=H? 0.7929	AB=CD? 0.3051	AB=E-H? 0.8023	AB=FGH? 0.8563	HOMO. 0.7909	TREND. 0.7986
1975-78	OBS. EXP.	40	16 16.4	9 11.1	4 7.4	1 2.2	3 1.6	3 0.6	1 0.3	3 0.4		
	OBS./EXP. RELATIVE RISK		0.976 1.000	0.812	0.539 0.592	0.452 0.497	1.889 2.076	4.926 5.413	3.195 3.511	7.921 8.705		
	TEST PROB.	AB=C? 0.8095	AB=0? 0.7684	AB=E? 0.3420	AB=F? 0.0509	AB=G? 0.2753	AB=H? 0.0114	AB=CD? 0.8402	AB=E-H? 0.0069	AB=FGH? 0.0015	HOMO. 0.0000	TREND. 0.0000

TABLE 13-2 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1967-70	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1971-74	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1975-78	OBS. EXP.	0	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X

TABLE 13-3 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-45 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	8	1	1	0	1	1	2	1	1		
	EXP.		3.1	2.5	1.2	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.319 1.000	0.401	0.000 0.000	2.665 7.497	2.609 7.340	11.355 31.942	12.640 35.557	9.086 25.560		
	TEST PROB.	AB=C? 0.8111	AB=0? 0.2536	AB=E? 0.2487	AB=F? 0.0068	AB=G? 0.2419	AB=H? 0.2432	AB=CD? 0.3196	AB=E-H? 0.0004	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=0? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=0? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=0? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	1	0	0	0	0	1	0	0	0		
	RELATIVE RISK		0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000	0.000	0.000	30.013	0.000	0.000	0.000		
	TEST PROB.	AB=C? X	AB=0? X	AB=E? 0.2398	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.2398	AB=FGH? X	HOMO. 0.0001	TREND. 0.0357
1967-70	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	RELATIVE RISK		0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000	0.000	0.000	0.000	17.758	0.000	0.000		
	TEST PROB.	AB=C? X	AB=0? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO. 0.0190	TREND. 0.1054
1971-74	OBS. EXP.	2	0	1	0	1	0	0	0	0		
	RELATIVE RISK		0.6	0.7	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	1.439	0.000	9.110	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7961	AB=0? 0.2472	AB=E? 0.7680	AB=F? 0.7638	AB=G? 0.7624	AB=H? 0.7638	AB=CD? 0.2778	AB=E-H? 0.7765	AB=FGH? 0.7692	HOMO. 0.2760	TREND. 0.4352
1975-78	OBS. EXP.	4	1	0	0	0	0	1	1	1		
	RELATIVE RISK		1.8	1.2	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.554	0.000	0.000	0.000	0.000	20.243	31.368	21.986		
	TEST PROB.	AB=C? 0.7962	AB=0? 0.7691	AB=E? 0.7680	AB=F? 0.2415	AB=G? 0.2408	AB=H? 0.2413	AB=CD? 0.8031	AB=E-H? 0.0020	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000

TABLE 13-4 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR CLASS	TOTAL	Y-65 TOTAL DOSE IN RAD								TREND.	
		A	B	C	D	E	F	G	H		
1950-78 OBS. TOTAL	19	6	6	4	1	0	1	0	1	0	1
EXP.		7.3	5.5	3.4	1.1	0.8	0.4	0.2	0.2	0.2	0.3
OBS./EXP. RELATIVE RISK		0.818	1.100	1.174	0.911	0.000	2.428	0.000	3.977	0.000	3.977
TEST PROB.	AB=C? 0.4158	AB=D? 0.5932	AB=E? 0.8467	AB=F? 0.3010	AB=G? 0.7872	AB=H? 0.2710	AB=CD? 0.4225	AB=E-H? 0.4009	AB=FGH? 0.4582	HOMO. 0.7163	TREND. 0.1530
1950-54 OBS. TOTAL	1	1	0	0	0	0	0	0	0	0	0
EXP.		0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
OBS./EXP. RELATIVE RISK		2.240	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TEST PROB.	AB=C? 0.8085	AB=D? 0.7760	AB=E? 0.7688	AB=F? 0.7636	AB=G? 0.7623	AB=H? 0.7636	AB=CD? 0.8199	AB=E-H? 0.7769	AB=FGH? 0.7688	HOMO. 0.9900	TREND. 0.6125
1955-58 OBS. TOTAL	0	0	0	0	0	0	0	0	0	0	0
EXP.											
OBS./EXP. RELATIVE RISK											
TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62 OBS. TOTAL	2	0	1	1	0	0	0	0	0	0	0
EXP.		0.9	0.5	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0
OBS./EXP. RELATIVE RISK		0.000	1.929	2.714	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TEST PROB.	AB=C? 0.2716	AB=D? 0.7760	AB=E? 0.7688	AB=F? 0.7636	AB=G? 0.7623	AB=H? 0.7635	AB=CD? 0.2823	AB=E-H? 0.7768	AB=FGH? 0.7687	HOMO. 0.9160	TREND. 0.6122
1963-66 OBS. TOTAL	2	1	0	0	0	0	0	0	0	0	1
EXP.		0.9	0.5	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0
OBS./EXP. RELATIVE RISK		1.123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	46.021
TEST PROB.	AB=C? 0.8023	AB=D? 0.7715	AB=E? 0.7697	AB=F? 0.7650	AB=G? 0.7626	AB=H? 0.2414	AB=CD? 0.8107	AB=E-H? 0.2494	AB=FGH? 0.2446	HOMO. 0.0000	TREND. 0.0000
1967-70 OBS. TOTAL	3	1	0	1	1	0	0	0	0	0	0
EXP.		1.1	0.9	0.6	0.2	0.1	0.1	0.1	0.0	0.0	0.0
OBS./EXP. RELATIVE RISK		0.921	0.000	1.805	6.035	0.000	0.000	0.000	0.000	0.000	0.000
TEST PROB.	AB=C? 0.2744	AB=D? 0.2468	AB=E? 0.7699	AB=F? 0.7649	AB=G? 0.7627	AB=H? 0.7637	AB=CD? 0.3231	AB=E-H? 0.7796	AB=FGH? 0.7706	HOMO. 0.5668	TREND. 0.4944
1971-74 OBS. TOTAL	4	0	3	1	0	0	0	0	0	0	0
EXP.		1.3	1.2	0.7	0.3	0.2	0.2	0.1	0.1	0.1	0.1
OBS./EXP. RELATIVE RISK		0.000	2.439	1.455	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TEST PROB.	AB=C? 0.3806	AB=D? 0.8083	AB=E? 0.8078	AB=F? 0.7889	AB=G? 0.7739	AB=H? 0.7730	AB=CD? 0.5974	AB=E-H? 0.8435	AB=FGH? 0.8095	HOMO. 0.6793	TREND. 0.7170
1975-78 OBS. TOTAL	7	3	2	1	0	0	1	0	0	0	0
EXP.		2.7	2.0	1.3	0.4	0.3	0.2	0.2	0.1	0.1	0.1
OBS./EXP. RELATIVE RISK		1.114	1.007	0.791	0.000	0.000	6.620	0.000	0.000	0.000	0.000
TEST PROB.	AB=C? 0.6680	AB=D? 0.8180	AB=E? 0.8100	AB=F? 0.2595	AB=G? 0.7753	AB=H? 0.7755	AB=CD? 0.7447	AB=E-H? 0.3573	AB=FGH? 0.2868	HOMO. 0.5653	TREND. 0.4243

TABLE 13-5 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49. C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	69	26	19	11	4	4	1	0	4		
	EXP.	29.4	18.1	13.2	3.6	2.6	0.9	0.4	0.7			
	OBS./EXP. RELATIVE RISK	0.885	1.049	0.832	1.114	1.511	1.066	0.000	5.924	6.253		
	TEST PROB.	AB=C? 0.6514	AB=D? 0.4223	AB=E? 0.3710	AB=F? 0.4039	AB=G? 0.8009	AB=H? 0.0091	AB=CD? 0.5873	AB=E-H? 0.1203	AB=FGH? 0.1187	HOMO, 0.0101	TREND, 0.0011
1950-54	OBS. TOTAL	3	0	2	1	0	0	0	0	0		
	EXP.	1.1	0.9	0.6	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	2.241	1.548	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3392	AB=D? 0.7869	AB=E? 0.7807	AB=F? 0.7711	AB=G? 0.7651	AB=H? 0.7672	AB=CD? 0.3831	AB=E-H? 0.7992	AB=FGH? 0.7817	HOMO, 0.8682	TREND, 0.6277
1955-58	OBS. TOTAL	5	3	0	1	1	0	0	0	0		
	EXP.	2.2	1.3	0.9	0.2	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1.338	0.000	1.066	4.064	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3804	AB=D? 0.2644	AB=E? 0.7812	AB=F? 0.7673	AB=G? 0.7637	AB=H? 0.7660	AB=CD? 0.3744	AB=E-H? 0.7949	AB=FGH? 0.7760	HOMO, 0.7626	TREND, 0.5639
1959-62	OBS. TOTAL	4	1	0	1	1	1	0	0	0		
	EXP.	1.8	1.0	0.7	0.2	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.558	0.000	1.364	5.193	6.682	18.840	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2701	AB=D? 0.2477	AB=E? 0.2460	AB=F? 0.7638	AB=G? 0.7618	AB=H? 0.7634	AB=CD? 0.2981	AB=E-H? 0.2505	AB=FGH? 0.7684	HOMO, 0.2003	TREND, 0.1793
1963-66	OBS. TOTAL	10	6	2	2	0	0	0	0	0		
	EXP.	4.5	2.5	1.9	0.5	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.330	0.809	1.027	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.5988	AB=D? 0.8177	AB=E? 0.9003	AB=F? 0.7754	AB=G? 0.7675	AB=H? 0.7709	AB=CD? 0.6898	AB=E-H? 0.8241	AB=FGH? 0.7911	HOMO, 0.9765	TREND, 0.7831
1967-70	OBS. TOTAL	12	5	5	0	0	0	0	0	2		
	EXP.	5.4	3.0	2.3	0.6	0.4	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.926	1.667	0.000	0.000	0.000	0.000	0.000	0.000	20.647		
	TEST PROB.	AB=C? 0.9215	AB=D? 0.8256	AB=E? 0.8110	AB=F? 0.7784	AB=G? 0.7682	AB=H? 0.0073	AB=CD? 0.9385	AB=E-H? 0.4131	AB=FGH? 0.1320	HOMO, 0.0000	TREND, 0.0001
1971-74	OBS. TOTAL	14	3	3	5	2	1	0	0	0		
	EXP.	5.7	3.9	2.7	0.7	0.6	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.524	0.766	1.848	2.897	1.796	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.1560	AB=D? 0.2047	AB=E? 0.2828	AB=F? 0.7765	AB=G? 0.7670	AB=H? 0.7715	AB=CD? 0.0865	AB=E-H? 0.3258	AB=FGH? 0.7921	HOMO, 0.4572	TREND, 0.4184
1975-78	OBS. TOTAL	21	8	7	1	0	2	1	0	2		
	EXP.	8.6	5.6	3.9	1.2	0.9	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.925	1.252	0.254	0.000	2.124	3.006	0.000	9.908	9.405		
	TEST PROB.	AB=C? 0.8959	AB=D? 0.8595	AB=E? 0.4352	AB=F? 0.2784	AB=G? 0.7778	AB=H? 0.0470	AB=CD? 0.9305	AB=E-H? 0.1097	AB=FGH? 0.0961	HOMO, 0.0020	TREND, 0.0005

TABLE 13-6 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE 178-50+

YEAR CLASS	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. EXP.	61	30	14	12	2	2	1	0	0		
TOTAL			25.3	17.0	12.0	3.4	1.8	0.7	0.3	0.4		
	OBS./EXP.		1.184	0.824	1.002	0.592	1.082	1.341	0.000	0.000		
	RELATIVE RISK		1.000		0.963	0.569	1.040	1.289	0.000	0.000		
	TEST PROB.	AB=C? 0.5579	AB=D? 0.7661	AB=E? 0.4219	AB=F? 0.3647	AB=G? 0.7930	AB=H? 0.8023	AB=CD? 0.6544	AB=E-H? 0.6022	AB=FGH? 0.6951	HOMO. 0.8951	TREND. 0.7789
1950-54	OBS. EXP.	7	3	2	2	0	0	0	0	0		
			3.1	1.9	1.3	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP.		0.954	1.069	1.589	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.595	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3716	AB=D? 0.7996	AB=E? 0.7864	AB=F? 0.7691	AB=G? 0.7646	AB=H? 0.7674	AB=CD? 0.3867	AB=E-H? 0.8027	AB=FGH? 0.7796	HOMO. 0.9914	TREND. 0.7288
1955-58	OBS. EXP.	5	4	1	0	0	0	0	0	0		
			2.1	1.4	1.0	0.3	0.2	0.1	0.0	0.0		
	OBS./EXP.		1.925	0.733	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8807	AB=D? 0.8078	AB=E? 0.7895	AB=F? 0.7738	AB=G? 0.7656	AB=H? 0.7689	AB=CD? 0.8998	AB=E-H? 0.8104	AB=FGH? 0.7861	HOMO. 0.8272	TREND. 0.7971
1959-62	OBS. EXP.	4	2	2	0	0	0	0	0	0		
			1.8	1.0	0.7	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP.		1.113	1.916	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8576	AB=D? 0.7974	AB=E? 0.7823	AB=F? 0.7681	AB=G? 0.7641	AB=H? 0.7654	AB=CD? 0.8762	AB=E-H? 0.7963	AB=FGH? 0.7765	HOMO. 0.9564	TREND. 0.7378
1963-66	OBS. EXP.	12	4	2	4	1	1	0	0	0		
			5.1	3.2	2.4	0.7	0.4	0.2	0.1	0.1		
	OBS./EXP.		0.783	0.629	1.676	1.538	2.787	0.000	0.000	0.000		
	RELATIVE RISK		1.000		2.314	2.124	3.848	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2564	AB=D? 0.3035	AB=E? 0.2627	AB=F? 0.7710	AB=G? 0.7647	AB=H? 0.7656	AB=CD? 0.2454	AB=E-H? 0.2846	AB=FGH? 0.7799	HOMO. 0.8419	TREND. 0.4101
1967-70	OBS. EXP.	8	5	1	1	0	0	1	0	0		
			2.9	2.5	1.6	0.5	0.3	0.1	0.1	0.1		
	OBS./EXP.		1.725	0.404	0.613	0.000	0.000	7.672	0.000	0.000		
	RELATIVE RISK		1.000		0.549	0.000	0.000	6.874	0.000	0.000		
	TEST PROB.	AB=C? 0.7354	AB=D? 0.8161	AB=E? 0.7976	AB=F? 0.2573	AB=G? 0.7677	AB=H? 0.7689	AB=CD? 0.7906	AB=E-H? 0.3238	AB=FGH? 0.2734	HOMO. 0.2192	TREND. 0.4205
1971-74	OBS. EXP.	17	8	6	3	0	0	0	0	0		
			7.1	4.7	3.4	0.9	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.129	1.268	0.895	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.755	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6863	AB=D? 0.8538	AB=E? 0.8193	AB=F? 0.7904	AB=G? 0.7721	AB=H? 0.7743	AB=CD? 0.7806	AB=E-H? 0.8528	AB=FGH? 0.8104	HOMO. 0.9370	TREND. 0.8722
1975-78	OBS. EXP.	8	4	0	2	1	1	0	0	0		
			3.3	2.3	1.6	0.4	0.2	0.1	0.1	0.0		
	OBS./EXP.		1.229	0.000	1.234	2.241	4.666	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.713	3.110	6.476	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3701	AB=D? 0.2774	AB=E? 0.2547	AB=F? 0.7664	AB=G? 0.7647	AB=H? 0.7634	AB=CD? 0.4219	AB=E-H? 0.2676	AB=FGH? 0.7734	HOMO. 0.5022	TREND. 0.2848

TABLE 13-7 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD									
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	77	29	20	13	5	5	2	1	2		
EXP.		31.7	21.4	13.9	4.1	3.3	1.2	0.5	0.9		
OBS./EXP. RELATIVE RISK		0.915	0.934	0.939	1.216	1.528	1.627	1.825	2.265		
		1.000		1.017	1.317	1.656	1.764	1.978	2.454		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.4710	0.4818	0.3121	0.3963	0.3145	0.3815	0.4794	0.1445	0.2154	0.7989	0.0300
1950-54	6	3	1	2	0	0	0	0	0		
EXP.		2.7	1.6	1.1	0.3	0.2	0.1	0.0	0.1		
OBS./EXP. RELATIVE RISK		1.121	0.618	1.871	0.000	0.000	0.000	0.000	0.000		
		1.000		2.009	0.000	0.000	0.000	0.000	0.000		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.3871	0.7933	0.7840	0.7680	0.7640	0.7668	0.3686	0.7989	0.7776	0.9736	0.6940
1955-58	5	3	1	0	1	0	0	0	0		
EXP.		2.0	1.4	1.0	0.3	0.2	0.1	0.0	0.1		
OBS./EXP. RELATIVE RISK		1.499	0.714	0.000	3.710	0.000	0.000	0.000	0.000		
		1.000		0.000	3.155	0.000	0.000	0.000	0.000		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.8674	0.2797	0.7927	0.7741	0.7659	0.7705	0.6829	0.8150	0.7881	0.7860	0.6541
1959-62	6	2	2	1	0	1	0	0	0		
EXP.		2.7	1.6	1.1	0.3	0.2	0.1	0.0	0.1		
OBS./EXP. RELATIVE RISK		0.751	1.262	0.936	0.000	4.512	0.000	0.000	0.000		
		1.000		0.995	0.000	4.793	0.000	0.000	0.000		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.5232	0.7967	0.2642	0.7687	0.7643	0.7667	0.6509	0.2841	0.7784	0.8378	0.4721
1963-66	9	4	1	3	1	0	0	0	0		
EXP.		3.5	2.5	1.7	0.5	0.4	0.1	0.1	0.1		
OBS./EXP. RELATIVE RISK		1.129	0.393	1.744	2.012	0.000	0.000	0.000	0.000		
		1.000		2.124	2.450	0.000	0.000	0.000	0.000		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.3513	0.2905	0.7903	0.7715	0.7652	0.7688	0.3030	0.8095	0.7837	0.8694	0.6936
1967-70	9	5	3	1	0	0	0	0	0		
EXP.		3.8	2.5	1.7	0.5	0.4	0.1	0.0	0.1		
OBS./EXP. RELATIVE RISK		1.326	1.219	0.598	0.000	0.000	0.000	0.000	0.000		
		1.000		0.465	0.000	0.000	0.000	0.000	0.000		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.7776	0.8190	0.8126	0.7817	0.7681	0.7751	0.8255	0.8410	0.8006	0.9645	0.8098
1971-74	20	5	6	5	3	1	0	0	0		
EXP.		8.2	5.5	3.6	1.1	0.9	0.3	0.1	0.2		
OBS./EXP. RELATIVE RISK		0.609	1.087	1.386	2.809	1.138	0.000	0.000	0.000		
		1.000		1.731	3.507	1.421	0.000	0.000	0.000		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.3250	0.1802	0.3535	0.7985	0.7775	0.7818	0.1668	0.6582	0.8263	0.5273	0.6001
1975-78	22	7	6	1	0	3	2	1	2		
EXP.		8.8	6.2	3.9	1.3	1.0	0.4	0.2	0.2		
OBS./EXP. RELATIVE RISK		0.797	0.966	0.257	0.000	2.921	5.111	4.997	8.253		
		1.000		0.297	0.000	3.369	5.895	5.763	9.517		
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	0.8660	0.8577	0.1822	0.1324	0.2605	0.0587	0.9103	0.0059	0.0051	0.0001	0.0000

TABLE 13-8 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 13-8

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	80	34	20	14	3	2	3	0	4		
	EXP.		33.5	21.7	16.0	4.3	2.4	1.0	0.5	0.6		
	OBS./EXP. RELATIVE RISK		1.016 1.000	0.924	0.875 0.893	0.691 0.707	0.817 0.834	2.876 2.935	0.000 0.000	6.910 7.052		
	TEST PROB.	AB=C? 0.6484	AB=D? 0.7071	AB=E? 0.6035	AB=F? 0.1809	AB=G? 0.8040	AB=H? 0.0034	AB=CD? 0.6921	AB=E-H? 0.1009	AB=FGH? 0.0201	HOMO. 0.0007	TREND. 0.0002
1950-54	OBS. TOTAL	5	1	3	1	0	0	0	0	0		
	EXP.		2.0	1.4	1.0	0.3	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.501 1.000	2.138	0.981 0.834	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.6259	AB=D? 0.7993	AB=E? 0.7859	AB=F? 0.7730	AB=G? 0.7663	AB=H? 0.7689	AB=CD? 0.6959	AB=E-H? 0.8074	AB=FGH? 0.7861	HOMO. 0.8894	TREND. 0.7142
1955-58	OBS. TOTAL	5	4	0	1	0	0	0	0	0		
	EXP.		2.3	1.2	1.0	0.3	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.725 1.000	0.000	1.019 0.904	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5913	AB=D? 0.7955	AB=E? 0.7767	AB=F? 0.7668	AB=G? 0.7634	AB=H? 0.7636	AB=CD? 0.6725	AB=E-H? 0.7881	AB=FGH? 0.7730	HOMO. 0.8919	TREND. 0.6708
1959-62	OBS. TOTAL	4	1	1	1	1	0	0	0	0		
	EXP.		1.8	1.0	0.8	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.551 1.000	0.994	1.307 1.845	4.731 6.676	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3136	AB=D? 0.2571	AB=E? 0.7710	AB=F? 0.7647	AB=G? 0.7627	AB=H? 0.7637	AB=CD? 0.4469	AB=E-H? 0.7803	AB=FGH? 0.7703	HOMO. 0.8264	TREND. 0.5204
1963-66	OBS. TOTAL	16	7	3	3	0	2	0	0	1		
	EXP.		7.4	3.9	3.1	0.8	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.943 1.000	0.770	0.956 1.082	0.000 0.000	4.911 5.561	0.000 0.000	0.000 0.000	10.747 12.170		
	TEST PROB.	AB=C? 0.4334	AB=D? 0.8269	AB=E? 0.1461	AB=F? 0.7772	AB=G? 0.7684	AB=H? 0.2493	AB=CD? 0.6264	AB=E-H? 0.0996	AB=FGH? 0.2776	HOMO. 0.0219	TREND. 0.0043
1967-70	OBS. TOTAL	15	6	3	1	1	0	2	0	2		
	EXP.		5.8	4.3	3.0	0.9	0.6	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.029 1.000	0.701	0.334 0.375	1.163 1.307	0.000 0.000	7.866 8.838	0.000 0.000	17.095 19.206		
	TEST PROB.	AB=C? 0.8195	AB=D? 0.3443	AB=E? 0.7987	AB=F? 0.0630	AB=G? 0.7688	AB=H? 0.0010	AB=CD? 0.7488	AB=E-H? 0.0495	AB=FGH? 0.0021	HOMO. 0.0000	TREND. 0.0000
1971-74	OBS. TOTAL	17	6	7	4	0	0	0	0	0		
	EXP.		6.6	5.1	3.4	0.9	0.5	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.912 1.000	1.385	1.160 1.038	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4532	AB=D? 0.8479	AB=E? 0.8179	AB=F? 0.7911	AB=G? 0.7736	AB=H? 0.7752	AB=CD? 0.6586	AB=E-H? 0.8536	AB=FGH? 0.8128	HOMO. 0.9011	TREND. 0.8345
1975-78	OBS. TOTAL	18	9	3	3	1	0	1	0	1		
	EXP.		7.6	4.9	3.5	1.0	0.6	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.182 1.000	0.616	0.848 0.882	1.052 1.094	0.000 0.000	4.592 4.777	0.000 0.000	7.331 7.626		
	TEST PROB.	AB=C? 0.6200	AB=D? 0.4195	AB=E? 0.3150	AB=F? 0.2644	AB=G? 0.7730	AB=H? 0.2544	AB=CD? 0.5951	AB=E-H? 0.4322	AB=FGH? 0.1933	HOMO. 0.1874	TREND. 0.0228

TABLE 13-9 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 13-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	133	61	29	22	6	6	3	1	5	
TOTAL	EXP.		60.2	34.3	24.7	6.5	4.1	1.4	0.7	1.0	
	OBS./EXP.		1.013	0.846	0.890	0.916	1.469	2.083	1.452	4.845	
	RELATIVE RISK		1.000		0.934	0.962	1.542	2.186	1.524	5.087	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.6144	0.5655	0.2928	0.2729	0.3353	0.0064	0.6130	0.0281	0.0161	0.0076
1950-54	OBS.	10	4	3	3	0	0	0	0	0	
	EXP.		4.5	2.6	1.8	0.5	0.3	0.1	0.1	0.1	
	OBS./EXP.		0.890	1.150	1.624	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000		1.648	0.000	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.4463	0.8118	0.7938	0.7724	0.7665	0.7700	0.3979	0.8150	0.7868	0.9662
1955-58	OBS.	9	7	0	1	1	0	0	0	0	
	EXP.		4.1	2.3	1.7	0.5	0.3	0.1	0.0	0.1	
	OBS./EXP.		1.707	0.000	0.590	2.210	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000		0.538	2.015	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.7453	0.3072	0.7922	0.7721	0.7660	0.7684	0.6234	0.8119	0.7846	0.5686
1959-62	OBS.	10	3	3	2	1	1	0	0	0	
	EXP.		4.5	2.6	1.8	0.5	0.3	0.1	0.1	0.1	
	OBS./EXP.		0.670	1.158	1.091	1.929	3.050	0.000	0.000	0.000	
	RELATIVE RISK		1.000		1.286	2.273	3.595	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.3824	0.3000	0.2737	0.7714	0.7659	0.7687	0.4063	0.3053	0.7842	0.9157
1963-66	OBS.	23	11	4	5	0	2	0	0	1	
	EXP.		10.5	5.8	4.4	1.1	0.7	0.3	0.1	0.2	
	OBS./EXP.		1.044	0.695	1.140	0.000	3.029	0.000	0.000	6.299	
	RELATIVE RISK		1.000		1.238	0.000	3.290	0.000	0.000	6.841	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.4329	0.8482	0.2767	0.7857	0.7723	0.2571	0.5412	0.2219	0.3075	0.2294
1967-70	OBS.	19	10	5	1	1	0	0	0	2	
	EXP.		8.6	4.8	3.6	0.9	0.6	0.2	0.1	0.1	
	OBS./EXP.		1.158	1.043	0.277	1.076	0.000	0.000	0.000	13.848	
	RELATIVE RISK		1.000		0.248	0.963	0.000	0.000	0.000	12.395	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.8895	0.5376	0.8228	0.7856	0.7714	0.0188	0.8589	0.3919	0.2122	0.0004
1971-74	OBS.	29	10	9	7	2	1	0	0	0	
	EXP.		13.2	7.5	5.4	1.4	0.9	0.3	0.1	0.2	
	OBS./EXP.		0.757	1.198	1.295	1.453	1.170	0.000	0.000	0.000	
	RELATIVE RISK		1.000		1.412	1.585	1.276	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.3671	0.3838	0.3538	0.7291	0.7732	0.7788	0.3194	0.6460	0.8139	0.9274
1975-78	OBS.	33	16	5	3	1	2	3	1	2	
	EXP.		14.8	8.7	6.1	1.6	1.0	0.3	0.2	0.2	
	OBS./EXP.		1.083	0.573	0.489	0.632	1.944	8.370	5.651	8.186	
	RELATIVE RISK		1.000		0.547	0.707	2.177	9.923	6.321	9.158	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.8135	0.6806	0.4574	0.0054	0.2572	0.0419	0.8160	0.0030	0.0002	0.0000

TABLE 13-10 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 13-10

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	24	2	11	5	2	1	2	0	1		
TOTAL	EXP.		4.9	8.8	5.1	1.9	1.6	0.8	0.4	0.4		
	OBS./EXP.		0.404	1.253	0.975	1.056	0.611	2.405	0.000	2.326		
	RELATIVE RISK		1.000		1.030	1.115	0.646	2.539	0.000	2.456		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4728	0.4193	0.7059	0.3987	0.7980	0.2973	0.4465	0.4176	0.3742	0.6189	0.1938
1950-54	OBS.	1	0	1	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	2.421	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8296	0.7810	0.7780	0.7703	0.7645	0.7667	0.8425	0.7956	0.7801	0.9849	0.6423
1955-58	OBS.	1	0	1	0	0	0	0	0	0		
	EXP.		0.2	0.3	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	2.877	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8322	0.7873	0.7814	0.7708	0.7640	0.7674	0.8487	0.7993	0.7808	0.9863	0.6699
1959-62	OBS.	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP.											
	RELATIVE R											
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1963-66	OBS.	2	0	0	1	1	0	0	0	0		
	EXP.		0.4	0.7	0.5	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.000	0.000	2.112	6.573	0.000	0.000	0.000	0.000		
	RELATIVE RISK			X	X	X	X	X	X	X		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2398	0.2398	X	X	X	X	0.2645	X	X	0.4619	0.4900
1967-70	OBS.	5	1	1	1	0	0	2	0	0		
	EXP.		1.0	1.9	1.1	0.4	0.3	0.2	0.1	0.1		
	OBS./EXP.		1.031	0.514	0.942	0.000	0.000	11.601	0.000	0.000		
	RELATIVE RISK		1.000		1.373	0.000	0.000	16.913	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3671	0.7971	0.7899	0.0328	0.7660	0.7669	0.5451	0.2706	0.1002	0.0041	0.0795
1971-74	OBS.	8	1	4	2	1	0	0	0	0		
	EXP.		1.6	3.1	1.6	0.6	0.6	0.3	0.1	0.1		
	OBS./EXP.		0.629	1.308	1.214	1.600	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.128	1.487	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4180	0.3506	0.8275	0.8003	0.7779	0.7784	0.3984	0.8699	0.8260	0.9636	0.8041
1975-78	OBS.	7	0	4	1	0	1	0	0	1		
	EXP.		1.6	2.4	1.3	0.6	0.6	0.3	0.1	0.1		
	OBS./EXP.		0.000	1.698	0.774	0.000	1.785	0.000	0.000	7.438		
	RELATIVE RISK		1.000		0.772	0.000	1.777	0.000	0.000	7.405		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6507	0.8309	0.3280	0.7980	0.7799	0.2568	0.7508	0.3694	0.3271	0.1975	0.0824

TABLE 13-11 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-11

HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS.	65	28	14	12	3	4	2	1	1		
TOTAL	EXP.		28.9	17.5	11.5	3.1	2.3	0.8	0.3	0.6		
	OBS./EXP.		0.969	0.800	1.047	0.977	1.709	2.628	2.861	1.598		
	RELATIVE RISK		1.000		1.157	1.079	1.888	2.903	3.160	1.766		
	TEST PROB.	AB=C? 0.4462	AB=0? 0.4324	AB=E? 0.2814	AB=F? 0.3034	AB=G? 0.2799	AB=H? 0.3199	AB=C0? 0.4429	AB=E-H? 0.1037	AB=FGH? 0.1625	HOMO, 0.5125	TREND, 0.0394
1950-54	OBS.	6	3	1	2	0	0	0	0	0		
	EXP.		2.7	1.6	1.1	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP.		1.121	0.618	1.871	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		2.009	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3871	AB=0? 0.7933	AB=E? 0.7840	AB=F? 0.7680	AB=G? 0.7640	AB=H? 0.7668	AB=C0? 0.3686	AB=E-H? 0.7989	AB=FGH? 0.7776	HOMO, 0.9736	TREND, 0.6904
1955-58	OBS.	4	3	0	0	1	0	0	0	0		
	EXP.		1.8	1.1	0.7	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP.		1.682	0.000	0.000	5.184	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	4.900	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8417	AB=0? 0.2641	AB=E? 0.7816	AB=F? 0.7673	AB=G? 0.7636	AB=H? 0.7662	AB=C0? 0.4630	AB=E-H? 0.7952	AB=FGH? 0.7760	HOMO, 0.5130	TREND, 0.5711
1959-62	OBS.	6	2	2	1	0	1	0	0	0		
	EXP.		2.7	1.6	1.1	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP.		0.751	1.262	0.936	0.000	4.512	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.995	0.000	4.793	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.5232	AB=0? 0.7967	AB=E? 0.2642	AB=F? 0.7687	AB=G? 0.7643	AB=H? 0.7667	AB=C0? 0.6509	AB=E-H? 0.2841	AB=FGH? 0.7784	HOMO, 0.8378	TREND, 0.4686
1963-66	OBS.	7	4	1	2	0	0	0	0	0		
	EXP.		3.1	1.9	1.2	0.3	0.3	0.1	0.0	0.1		
	OBS./EXP.		1.288	0.537	1.604	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.594	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3716	AB=0? 0.7996	AB=E? 0.7903	AB=F? 0.7715	AB=G? 0.7652	AB=H? 0.7688	AB=C0? 0.3873	AB=E-H? 0.8095	AB=FGH? 0.7837	HOMO, 0.9652	TREND, 0.7277
1967-70	OBS.	8	4	3	1	0	0	0	0	0		
	EXP.		3.5	2.1	1.4	0.4	0.3	0.1	0.0	0.1		
	OBS./EXP.		1.127	1.416	0.696	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.563	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7333	AB=0? 0.8085	AB=E? 0.8012	AB=F? 0.7744	AB=G? 0.7661	AB=H? 0.7722	AB=C0? 0.7351	AB=E-H? 0.8240	AB=FGH? 0.7901	HOMO, 0.9840	TREND, 0.7821
1971-74	OBS.	17	5	4	5	2	1	0	0	0		
	EXP.		7.5	4.6	3.1	0.8	0.6	0.2	0.1	0.2		
	OBS./EXP.		0.663	0.878	1.634	2.496	1.693	0.000	0.000	0.000		
	RELATIVE RISK		1.000		2.195	3.354	2.274	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2251	AB=0? 0.2873	AB=E? 0.2938	AB=F? 0.7773	AB=G? 0.7692	AB=H? 0.7745	AB=C0? 0.1429	AB=E-H? 0.3629	AB=FGH? 0.7972	HOMO, 0.6970	TREND, 0.4955
1975-78	OBS.	17	7	3	1	0	2	2	1	1		
	EXP.		7.5	4.7	3.0	0.8	0.6	0.2	0.1	0.1		
	OBS./EXP.		0.934	0.637	0.332	0.000	3.358	11.201	10.612	7.153		
	RELATIVE RISK		1.000		0.405	0.000	4.099	13.672	12.953	8.731		
	TEST PROB.	AB=C? 0.8100	AB=0? 0.8223	AB=E? 0.2279	AB=F? 0.0192	AB=G? 0.2482	AB=H? 0.2527	AB=C0? 0.8527	AB=E-H? 0.0025	AB=FGH? 0.0008	HOMO, 0.0000	TREND, 0.0000

TABLE 13-12 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-12

HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	68	33	15	10	3	2	1	0	4		
	EXP.		31.3	16.8	13.3	3.5	1.7	0.7	0.3	0.4		
	OBS./EXP. RELATIVE RISK		1.054 1.000	0.894	0.754 0.755	0.863 0.865	1.147 1.149	1.472 1.474	0.000 0.000	9.843 9.862		
	TEST PROB.	AB=C? 0.7538	AB=D? 0.6236	AB=E? 0.4016	AB=F? 0.3417	AB=G? 0.7922	AB=H? 0.3004	AB=I? 0.7496	AB=J? 0.1099	AB=K? 0.0420	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP.	4	1 1.8	2 1.0	1 0.8	0 0.2	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.549 1.000	2.020	1.284 1.203	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3857	AB=D? 0.7898	AB=E? 0.7758	AB=F? 0.7664	AB=G? 0.7636	AB=H? 0.7649	AB=I? 0.5663	AB=J? 0.7882	AB=K? 0.7740	HOMO. 0.9665	TREND. 0.6690
1955-58	OBS. EXP.	5	4 2.3	0 1.2	1 1.0	0 0.3	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.726 1.000	0.000	1.019 0.904	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5913	AB=D? 0.7955	AB=E? 0.7767	AB=F? 0.7668	AB=G? 0.7634	AB=H? 0.7436	AB=I? 0.6725	AB=J? 0.7881	AB=K? 0.7730	HOMO. 0.8919	TREND. 0.6900
1959-62	OBS. EXP.	4	1 1.8	1 1.0	1 0.8	1 0.2	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.551 1.000	0.994	1.307 1.845	4.731 6.676	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3136	AB=D? 0.2571	AB=E? 0.7710	AB=F? 0.7647	AB=G? 0.7627	AB=H? 0.7637	AB=I? 0.4469	AB=J? 0.7803	AB=K? 0.7703	HOMO. 0.8264	TREND. 0.4775
1963-66	OBS. EXP.	16	7 7.4	3 3.9	3 3.1	0 0.8	2 0.4	0 0.2	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK		0.943 1.000	0.770	0.956 1.082	0.000 0.000	4.911 5.561	0.000 0.000	0.000 0.000	10.747 12.170		
	TEST PROB.	AB=C? 0.4334	AB=D? 0.8269	AB=E? 0.1461	AB=F? 0.7772	AB=G? 0.7684	AB=H? 0.2493	AB=I? 0.6264	AB=J? 0.0996	AB=K? 0.2776	HOMO. 0.0219	TREND. 0.0042
1967-70	OBS. EXP.	11	6 5.1	2 2.7	0 2.2	1 0.5	0 0.3	0 0.1	0 0.1	2 0.1		
	OBS./EXP. RELATIVE RISK		1.180 1.000	0.748	0.000 0.000	1.825 1.770	0.000 0.000	0.000 0.000	0.000 0.000	30.481 29.557		
	TEST PROB.	AB=C? 0.9075	AB=D? 0.3196	AB=E? 0.7926	AB=F? 0.7742	AB=G? 0.7665	AB=H? 0.0004	AB=I? 0.8271	AB=J? 0.2556	AB=K? 0.0697	HOMO. 0.0000	TREND. 0.0000
1971-74	OBS. EXP.	12	5 5.7	5 3.0	2 2.3	0 0.6	0 0.3	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.883 1.000	1.689	0.852 0.735	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.6806	AB=D? 0.8239	AB=E? 0.7928	AB=F? 0.7751	AB=G? 0.7653	AB=H? 0.7659	AB=I? 0.7526	AB=J? 0.8122	AB=K? 0.7844	HOMO. 0.9220	TREND. 0.7434
1975-78	OBS. EXP.	16	9 7.3	2 4.0	2 3.1	1 0.8	0 0.4	1 0.2	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK		1.237 1.000	0.498	0.641 0.658	1.230 1.262	0.000 0.000	6.263 6.427	0.000 0.000	9.568 9.818		
	TEST PROB.	AB=C? 0.7223	AB=D? 0.3749	AB=E? 0.8035	AB=F? 0.2577	AB=G? 0.7689	AB=H? 0.2509	AB=I? 0.6717	AB=J? 0.3709	AB=K? 0.1285	HOMO. 0.0432	TREND. 0.0073

TABLE 13-13 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM

TABLE 13-13

NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	12	1	6	1	2	1	0	0	1		
	EXP.		2.8	3.9	2.4	1.0	0.9	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.356 1.000	1.538	0.418 0.400	1.921 1.841	1.074 1.029	0.000 0.000	0.000 0.000	3.883 3.722		
	TEST PROB.	AB=C? 0.8104	AB=D? 0.3901	AB=E? 0.4766	AB=F? 0.8153	AB=G? 0.7864	AB=H? 0.2728	AB=CD? 0.6374	AB=E-H? 0.4901	AB=FGH? 0.5281	HOMO. 0.4491	TREND. 0.2349
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK		0.000 1.000	2.877	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8322	AB=D? 0.7873	AB=E? 0.7814	AB=F? 0.7708	AB=G? 0.7640	AB=H? 0.7674	AB=CD? 0.8487	AB=E-H? 0.7993	AB=FGH? 0.7808	HOMO. 0.9663	TREND. 0.6603
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	2	0	0	1	1	0	0	0	0		
	RELATIVE RISK		0.000	0.000	2.112 X	6.573 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? 0.2398	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2645	AB=E-H? X	AB=FGH? X	HOMO. 0.4619	TREND. 0.4980
1967-70	OBS. EXP.	1	1	0	0	0	0	0	0	0		
	RELATIVE RISK		4.531 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8312	AB=D? 0.7859	AB=E? 0.7859	AB=F? 0.7731	AB=G? 0.7639	AB=H? 0.7661	AB=CD? 0.8470	AB=E-H? 0.8040	AB=FGH? 0.7817	HOMO. 0.8320	TREND. 0.6648
1971-74	OBS. EXP.	3	0	2	0	1	0	0	0	0		
	RELATIVE RISK		0.000 1.000	2.071	0.000 0.000	3.745 3.075	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.9459	AB=D? 0.2805	AB=E? 0.3098	AB=F? 0.7891	AB=G? 0.7718	AB=H? 0.7710	AB=CD? 0.4696	AB=E-H? 0.8433	AB=FGH? 0.8066	HOMO. 0.6728	TREND. 0.6786
1975-78	OBS. EXP.	5	0	3	0	0	1	0	0	1		
	RELATIVE RISK		0.000 1.000	2.000	0.000 0.000	0.000 0.000	2.318 2.153	0.000 0.000	0.000 0.000	9.751 9.057		
	TEST PROB.	AB=C? 0.8548	AB=D? 0.8230	AB=E? 0.3031	AB=F? 0.7927	AB=G? 0.7770	AB=H? 0.2524	AB=CD? 0.8878	AB=E-H? 0.3892	AB=FGH? 0.3016	HOMO. 0.0702	TREND. 0.0296

TABLE 13-14 MALIGNANT NEOPLASMS OF LARGE INTESTINE, EXCEPT RECTUM
NAGASAKI, FEMALE, ALL AGES

TABLE 13-14

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	12	1	5	4	0	0	2	0	0		
TOTAL	EXP.		2.1	4.9	2.7	0.9	0.7	0.4	0.2	0.2		
	OBS./EXP.		0.467	1.025	1.463	0.000	0.000	5.500	0.000	0.000		
	RELATIVE RISK		1.000		1.712	0.000	0.000	6.434	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4143	0.8309	0.8201	0.1372	0.7769	0.7799	0.4085	0.3738	0.3091	0.1647	0.3116
1950-54	OBS.	1	0	1	0	0	0	0	0	0		
TOTAL	EXP.		0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	2.421	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8296	0.7810	0.7780	0.7703	0.7643	0.7667	0.8425	0.7956	0.7801	0.9849	0.6490
1955-58	OBS.	0	0	0	0	0	0	0	0	0		
TOTAL	EXP.											
	OBS./EXP.											
	RELATIVE RISK											
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1959-62	OBS.	0	0	0	0	0	0	0	0	0		
TOTAL	EXP.											
	OBS./EXP.											
	RELATIVE RISK											
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1963-66	OBS.	0	0	0	0	0	0	0	0	0		
TOTAL	EXP.											
	OBS./EXP.											
	RELATIVE RISK											
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	X	X	X	X	X	X	X	X	X	X	X
1967-70	OBS.	4	0	1	1	0	0	2	0	0		
TOTAL	EXP.		0.7	1.6	0.8	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.000	0.623	1.211	0.000	0.000	14.478	0.000	0.000		
	RELATIVE RISK		1.000		2.851	0.000	0.000	34.083	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2870	0.7858	0.7741	0.0119	0.7643	0.7631	0.3078	0.1656	0.0497	0.0004	0.0317
1971-74	OBS.	5	1	2	2	0	0	0	0	0		
TOTAL	EXP.		0.9	2.1	1.1	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP.		1.096	0.956	1.815	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.818	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3674	0.8055	0.7973	0.7811	0.7702	0.7715	0.3728	0.8275	0.7988	0.9769	0.7681
1975-78	OBS.	2	0	1	1	0	0	0	0	0		
TOTAL	EXP.		0.3	0.9	0.4	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.000	1.169	2.393	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		2.861	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2843	0.7859	0.7863	0.7742	0.7673	0.7679	0.3025	0.8091	0.7872	0.9798	0.6684

TABLE 14-1 MALIGNANT NEOPLASMS OF RECTUM AND RECTOSIGMOID JUNCTION

TABLE 14-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=45 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	157	63	43	33	10	5	3	0	0		
	EXP.	63.6	43.7	30.0	8.6	6.0	2.4	1.1	1.6			
	OBS./EXP. RELATIVE RISK	0.991	0.983	1.100	1.164	0.833	1.232	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3837	AB=D? 0.4287	AB=E? 0.6309	AB=F? 0.4112	AB=G? 0.8459	AB=H? 0.8720	AB=CD? 0.3647	AB=E-H? 0.7530	AB=FGH? 0.7784	HOMO. 0.8335	TREND. 0.8849
1950-54	OBS. EXP.	16	10	1	1	0	3	1	0	0		
	RELATIVE RISK	1.481	0.228	0.329	0.000	5.515	4.917	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8362	AB=D? 0.8327	AB=E? 0.0493	AB=F? 0.2659	AB=G? 0.7713	AB=H? 0.7777	AB=CD? 0.8774	AB=E-H? 0.0724	AB=FGH? 0.3058	HOMO. 0.0040	TREND. 0.1065
1955-58	OBS. EXP.	20	10	3	6	1	0	0	0	0		
	RELATIVE RISK	1.211	0.546	1.531	0.915	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3277	AB=D? 0.5648	AB=E? 0.8256	AB=F? 0.7898	AB=G? 0.7736	AB=H? 0.7817	AB=CD? 0.3560	AB=E-H? 0.8625	AB=FGH? 0.8170	HOMO. 0.7913	TREND. 0.8141
1959-62	OBS. EXP.	17	6	6	5	0	0	0	0	0		
	RELATIVE RISK	0.884	1.234	1.513	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4134	AB=D? 0.8467	AB=E? 0.3211	AB=F? 0.7862	AB=G? 0.7732	AB=H? 0.7768	AB=CD? 0.4240	AB=E-H? 0.5544	AB=FGH? 0.8099	HOMO. 0.3574	TREND. 0.8347
1963-66	OBS. EXP.	21	9	7	4	1	0	0	0	0		
	RELATIVE RISK	1.093	1.178	0.940	0.865	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6439	AB=D? 0.6671	AB=E? 0.8450	AB=F? 0.8057	AB=G? 0.7826	AB=H? 0.7916	AB=CD? 0.6557	AB=E-H? 0.8923	AB=FGH? 0.8426	HOMO. 0.9697	TREND. 0.8750
1967-70	OBS. EXP.	23	6	9	5	3	0	0	0	0		
	RELATIVE RISK	0.600	1.481	1.135	2.570	2.753	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4314	AB=D? 0.2219	AB=E? 0.8257	AB=F? 0.7283	AB=G? 0.7720	AB=H? 0.7801	AB=CD? 0.3082	AB=E-H? 0.8601	AB=FGH? 0.8132	HOMO. 0.3927	TREND. 0.7438
1971-74	OBS. EXP.	30	10	12	4	1	2	1	0	0		
	RELATIVE RISK	0.859	1.439	0.707	0.569	1.455	1.686	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7686	AB=D? 0.7470	AB=E? 0.3806	AB=F? 0.3294	AB=G? 0.7896	AB=H? 0.7980	AB=CD? 0.8016	AB=E-H? 0.4258	AB=FGH? 0.6443	HOMO. 0.7940	TREND. 0.6508
1975-78	OBS. EXP.	30	12	5	8	4	0	1	0	0		
	RELATIVE RISK	1.004	0.585	1.413	2.497	0.000	1.977	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2381	AB=D? 0.1231	AB=E? 0.8292	AB=F? 0.2752	AB=G? 0.7775	AB=H? 0.7814	AB=CD? 0.1242	AB=E-H? 0.6690	AB=FGH? 0.3328	HOMO. 0.3091	TREND. 0.5870

TABLE 15-1 MALIGNANT NEOPLASMS OF PANCREAS

TABLE 15-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	148	59	48	26	4	6	3	1	1		
	EXP.	59.8	41.1	28.3	8.1	5.8	2.3	1.1	1.6			
	OBS./EXP. RELATIVE RISK	0.986 1.000	1.168	0.920 0.867	0.493 0.465	1.041 0.981	1.293 1.219	0.942 0.889	0.643 0.606			
	TEST PROB.	AB=C? 0.6977	AB=D? 0.8831	AB=E? 0.5474	AB=F? 0.4119	AB=G? 0.5886	AB=H? 0.7056	AB=CD? 0.8186	AB=E-H? 0.5592	AB=FGH? 0.5187	HOMO. 0.7955	TREND. 0.6747
1950-54	OBS. TOTAL	5	1	1	3	0	0	0	0	0		
	EXP.	2.3	1.3	0.9	0.2	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.444 1.000	0.756	3.327 5.950	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.1335	AB=D? 0.7818	AB=E? 0.7724	AB=F? 0.7644	AB=G? 0.7623	AB=H? 0.7633	AB=CD? 0.1910	AB=E-H? 0.7806	AB=FGH? 0.7693	HOMO. 0.5187	TREND. 0.6341
1955-58	OBS. TOTAL	12	6	4	1	0	0	0	1	0		
	EXP.	4.2	3.5	2.4	0.8	0.5	0.2	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	1.412 1.000	1.131	0.415 0.323	0.000 0.000	0.000 0.000	0.000 0.000	9.059 7.052	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8488	AB=D? 0.8426	AB=E? 0.8219	AB=F? 0.7907	AB=G? 0.2562	AB=H? 0.7819	AB=CD? 0.8925	AB=E-H? 0.6544	AB=FGH? 0.3349	HOMO. 0.1607	TREND. 0.5162
1959-62	OBS. TOTAL	21	9	6	5	0	1	0	0	0		
	EXP.	8.9	5.6	3.9	1.2	0.8	0.3	0.1	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1.010 1.000	1.063	1.279 1.241	0.000 0.000	1.309 1.270	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4369	AB=D? 0.8547	AB=E? 0.3749	AB=F? 0.7887	AB=G? 0.7749	AB=H? 0.7815	AB=CD? 0.5474	AB=E-H? 0.6859	AB=FGH? 0.3169	HOMO. 0.9496	TREND. 0.7846
1963-66	OBS. TOTAL	25	11	10	1	1	0	2	0	0		
	EXP.	10.6	6.7	4.8	1.4	0.9	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1.041 1.000	1.493	0.210 0.172	0.730 0.600	0.000 0.000	5.760 4.736	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.9351	AB=D? 0.7201	AB=E? 0.8468	AB=F? 0.1597	AB=G? 0.7797	AB=H? 0.7880	AB=CD? 0.9328	AB=E-H? 0.4351	AB=FGH? 0.4047	HOMO. 0.0538	TREND. 0.4437
1967-70	OBS. TOTAL	21	10	7	2	0	2	0	0	0		
	EXP.	8.7	5.7	3.9	1.1	0.8	0.3	0.1	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1.143 1.000	1.225	0.508 0.432	0.000 0.000	2.412 2.052	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8404	AB=D? 0.8606	AB=E? 0.4202	AB=F? 0.7994	AB=G? 0.7777	AB=H? 0.7879	AB=CD? 0.8922	AB=E-H? 0.4275	AB=FGH? 0.3320	HOMO. 0.6769	TREND. 0.7318
1971-74	OBS. TOTAL	30	12	8	5	2	1	1	0	1		
	EXP.	11.8	8.5	5.9	1.6	1.2	0.5	0.2	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.016 1.000	0.940	0.847 0.861	1.232 1.251	0.259 0.873	2.056 2.089	0.000 0.000	3.294 3.347	0.000 0.000		
	TEST PROB.	AB=C? 0.6376	AB=D? 0.3911	AB=E? 0.6295	AB=F? 0.3050	AB=G? 0.7825	AB=H? 0.2750	AB=CD? 0.5776	AB=E-H? 0.4153	AB=FGH? 0.4970	HOMO. 0.9170	TREND. 0.1568
1975-78	OBS. TOTAL	34	10	12	9	1	2	0	0	0		
	EXP.	13.3	9.6	6.5	1.9	1.4	0.6	0.3	0.4	0.4		
	OBS./EXP. RELATIVE RISK	0.749 1.000	1.250	1.380 1.440	0.532 0.555	1.392 1.452	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3214	AB=D? 0.7287	AB=E? 0.3804	AB=F? 0.8095	AB=G? 0.7871	AB=H? 0.7943	AB=CD? 0.4143	AB=E-H? 0.6508	AB=FGH? 0.8499	HOMO. 0.7489	TREND. 0.7911

TABLE 16-1 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS.	595	219	163	110	43	26	17	8	9		
	EXP.	232.7	168.8	113.3	43	34.0	24.5	10.4	4.8	6.5		
	OBS./EXP.		0.941	0.966	0.971	1.254	1.063	1.635	1.666	1.382		
	RELATIVE RISK		1.000		1.020	1.328	1.117	1.718	1.751	1.452		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4612	0.1072	0.3435	0.0649	0.1486	0.2513	0.2746	0.0472	0.0223	0.1311	0.0033
1950-54	OBS.	70	32	19	12	2	0	3	1	1		
	EXP.	27.2	20.1	13.7	4.0	2.7	1.1	0.5	0.8	0.8		
	OBS./EXP.		1.177	0.945	0.874	0.506	0.000	2.846	1.978	1.300		
	RELATIVE RISK		1.000		0.812	0.469	0.000	2.638	1.834	1.206		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6996	0.8157	0.9190	0.2048	0.3112	0.3818	0.7830	0.6038	0.2190	0.2513	0.3348
1955-58	OBS.	57	27	17	6	5	1	1	0	0		
	EXP.	22.7	16.3	11.2	3.1	2.1	0.8	0.4	0.4	0.5		
	OBS./EXP.		1.191	1.042	0.538	1.595	0.486	1.272	0.000	0.000		
	RELATIVE RISK		1.000		0.476	1.414	0.430	1.127	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.9118	0.3856	0.7819	0.3857	0.7984	0.8113	0.8244	0.8018	0.7309	0.5528	0.8245
1959-62	OBS.	86	28	30	12	7	5	0	1	3		
	EXP.	34.5	23.7	16.6	5.1	3.3	1.3	0.6	0.6	0.9		
	OBS./EXP.		0.811	1.255	0.723	1.375	1.528	0.000	1.607	3.503		
	RELATIVE RISK		1.000		0.726	1.380	1.532	0.000	1.613	3.517		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7908	0.3349	0.3430	0.8623	0.3276	0.1330	0.6606	0.2817	0.4509	0.0734	0.0307
1963-66	OBS.	87	35	25	14	6	1	5	0	1		
	EXP.	33.3	25.0	16.6	5.1	3.7	1.6	0.7	0.7	1.0		
	OBS./EXP.		1.052	1.001	0.842	1.168	0.274	3.072	0.000	1.010		
	RELATIVE RISK		1.000		0.817	1.133	0.266	2.981	0.000	0.980		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7021	0.4374	0.8792	0.0759	0.8259	0.4543	0.6494	0.5279	0.2321	0.1714	0.3908
1967-70	OBS.	82	24	24	17	10	5	2	0	0		
	EXP.	32.1	22.8	15.5	4.8	3.5	1.6	0.7	0.7	0.9		
	OBS./EXP.		0.747	1.053	1.098	2.083	1.417	1.243	0.000	0.000		
	RELATIVE RISK		1.000		1.256	2.384	1.622	1.422	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3332	0.0477	0.2953	0.3857	0.8156	0.8322	0.1282	0.4781	0.7194	0.1645	0.4948
1971-74	OBS.	89	28	22	17	9	7	2	2	2		
	EXP.	34.1	25.7	16.7	5.1	3.9	1.7	0.8	0.8	1.0		
	OBS./EXP.		0.322	0.857	1.018	1.769	1.783	1.158	2.521	1.940		
	RELATIVE RISK		1.000		1.217	2.113	2.130	1.383	3.012	2.317		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3527	0.1041	0.1368	0.3858	0.2846	0.4053	0.1802	0.0587	0.1721	0.1810	0.0077
1975-78	OBS.	124	45	26	32	4	7	4	4	2		
	EXP.	49.1	35.1	23.1	6.9	5.2	2.2	1.0	1.0	1.3		
	OBS./EXP.		0.916	0.741	1.384	0.584	1.341	1.804	3.833	1.540		
	RELATIVE RISK		1.000		1.642	0.693	1.592	2.140	4.548	1.828		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0593	0.7132	0.2335	0.1689	0.0214	0.4334	0.1263	0.0228	0.0172	0.0109	0.0064

TABLE 16-2 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

		T-65 TOTAL DOSE IN RAD									
YEAR	CLASS	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	4	2	1	1	0	0	0	0	0	
	EXP.		1.9	1.1	0.7	0.2	0.1	0.0	0.0	0.0	
	OBS./EXP.		1.064	0.936	1.360	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	1.000	1.337	0.000	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.3613	0.7829	0.7715	0.7654	0.7625	0.7632	0.4184	0.7809	0.7704	0.9997
	TREND.										0.6446
1950-54	OBS.	0	0	0	0	0	0	0	0	0	
	EXP.										
	OBS./EXP.										
	RELATIVE R										
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	X	X	X	X	X	X	X	X	X	X
	TREND.										X
1955-58	OBS.	0	0	0	0	0	0	0	0	0	
	EXP.										
	OBS./EXP.										
	RELATIVE R										
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	X	X	X	X	X	X	X	X	X	X
	TREND.										X
1959-62	OBS.	0	0	0	0	0	0	0	0	0	
	EXP.										
	OBS./EXP.										
	RELATIVE R										
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	X	X	X	X	X	X	X	X	X	X
	TREND.										X
1963-66	OBS.	0	0	0	0	0	0	0	0	0	
	EXP.										
	OBS./EXP.										
	RELATIVE R										
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	X	X	X	X	X	X	X	X	X	X
	TREND.										X
1967-70	OBS.	1	1	0	0	0	0	0	0	0	
	EXP.		0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	
	OBS./EXP.		2.142	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.8059	0.7719	0.7667	0.7630	0.7614	0.7617	0.8144	0.7717	0.7656	0.9922
	TREND.										0.5952
1971-74	OBS.	1	0	1	0	0	0	0	0	0	
	EXP.		0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	
	OBS./EXP.		0.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.8075	0.7721	0.7656	0.7625	0.7613	0.7616	0.8161	0.7704	0.7652	0.9921
	TREND.										0.6046
1975-78	OBS.	2	1	0	1	0	0	0	0	0	
	EXP.		0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	
	OBS./EXP.		1.063	0.000	2.712	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000	1.000	3.998	0.000	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.2702	0.7722	0.7657	0.7627	0.7613	0.7617	0.2779	0.7704	0.7651	0.9712
	TREND.										0.5659

TABLE 16-3 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	30	7	13	5	0	1	0	3	1		
	EXP.		11.1	9.7	4.7	1.5	1.6	0.7	0.3	0.5		
	OBS./EXP. RELATIVE RISK		0.631 1.000	1.340	1.074 1.116	0.000 0.000	0.631 0.656	0.000 0.000	9.931 10.324	2.202 2.289		
	TEST PROB.	AB=C? 0.4301	AB=D? 0.8777	AB=E? 0.7286	AB=F? 0.8364	AB=G? 0.0061	AB=H? 0.3062	AB=CD? 0.6561	AB=E-H? 0.3321	AB=FGH? 0.1724	HOMO. 0.0001	TREND. 0.0210
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	3	1	1	1	0	0	0	0	0		
	EXP.		1.1	0.9	0.5	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.901 1.000	1.057	2.062 2.120	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3042	AB=D? 0.7884	AB=E? 0.7934	AB=F? 0.7765	AB=G? 0.7658	AB=H? 0.7700	AB=CD? 0.3326	AB=E-H? 0.8163	AB=FGH? 0.7896	HOMO. 0.9943	TREND. 0.7013
1967-70	OBS. EXP.	4	2	2	0	0	0	0	0	0		
	EXP.		1.3	1.4	0.6	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.542 1.000	1.433	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8518	AB=D? 0.8032	AB=E? 0.8101	AB=F? 0.7855	AB=G? 0.7693	AB=H? 0.7758	AB=CD? 0.8738	AB=E-H? 0.8421	AB=FGH? 0.8053	HOMO. 0.9572	TREND. 0.8095
1971-74	OBS. EXP.	9	0	5	1	0	1	0	2	0		
	EXP.		3.3	2.9	1.4	0.5	0.5	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.747	0.706 0.875	0.000 0.000	2.084 2.585	0.000 0.000	21.469 26.635	0.000 0.000		
	TEST PROB.	AB=C? 0.6168	AB=D? 0.8160	AB=E? 0.3087	AB=F? 0.7955	AB=G? 0.0034	AB=H? 0.7783	AB=CD? 0.7097	AB=E-H? 0.1700	AB=FGH? 0.2067	HOMO. 0.0000	TREND. 0.0048
1975-78	OBS. EXP.	14	4	5	3	0	0	0	1	1		
	EXP.		5.4	4.5	2.2	0.7	0.7	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		0.747 1.000	1.117	1.393 1.522	0.000 0.000	0.000 0.000	0.000 0.000	7.482 8.175	5.190 5.670		
	TEST PROB.	AB=C? 0.4209	AB=D? 0.8202	AB=E? 0.8242	AB=F? 0.7943	AB=G? 0.2542	AB=H? 0.2596	AB=CD? 0.4087	AB=E-H? 0.3767	AB=FGH? 0.2892	HOMO. 0.1209	TREND. 0.0502

TABLE 16-4 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 16-4

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS.	82	25	22	17	4	6	6	1	1
TOTAL	EXP.		31.0	23.5	14.3	4.9	4.1	2.1	1.0	1.1
	OBS./EXP.		0.807	0.935	1.192	0.814	1.471	2.823	1.002	0.880
	RELATIVE RISK		1.000		1.382	0.944	1.706	3.273	1.161	1.020
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.2482	0.5335	0.2178	0.0326	0.3843	0.4308	0.2977	0.0604	0.0910
									0.1739	0.0762
1950-54	OBS.	3	1	1	1	0	0	0	0	0
TOTAL	EXP.		1.3	0.8	0.6	0.2	0.1	0.0	0.0	0.0
	OBS./EXP.		0.747	1.285	1.809	0.000	0.000	0.000	0.000	0.000
	RELATIVE RISK		1.000		1.915	0.000	0.000	0.000	0.000	0.000
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.3125	0.7833	0.7729	0.7653	0.7633	0.7652	0.3431	0.7845	0.7729
									0.9970	0.6554
1955-58	OBS.	2	1	1	0	0	0	0	0	0
TOTAL	EXP.		0.6	0.6	0.4	0.1	0.1	0.0	0.0	0.0
	OBS./EXP.		1.558	1.576	0.000	0.000	0.000	0.000	0.000	0.000
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.8377	0.7914	0.7871	0.7741	0.7672	0.7690	0.8557	0.8098	0.7878
									0.9919	0.7260
1959-62	OBS.	3	1	1	0	0	0	0	0	1
TOTAL	EXP.		1.2	0.8	0.5	0.2	0.2	0.1	0.0	0.0
	OBS./EXP.		0.865	1.268	0.000	0.000	0.000	0.000	0.000	24.413
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	23.743
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.8305	0.7994	0.7980	0.7846	0.7708	0.2442	0.8542	0.2741	0.2553
									0.0014	0.0008
1963-66	OBS.	17	4	7	4	1	0	1	0	0
TOTAL	EXP.		6.2	5.0	3.1	1.0	0.8	0.4	0.2	0.2
	OBS./EXP.		0.644	1.401	1.296	0.973	0.000	2.399	0.000	0.000
	RELATIVE RISK		1.000		1.321	0.991	0.000	2.444	0.000	0.000
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.4258	0.6259	0.8493	0.3041	0.7885	0.7901	0.4242	0.7476	0.4475
									0.7823	0.6515
1967-70	OBS.	13	3	3	2	1	2	2	0	0
TOTAL	EXP.		4.8	3.6	2.1	0.8	0.8	0.4	0.2	0.2
	OBS./EXP.		0.619	0.837	0.940	1.177	1.655	4.577	0.000	0.000
	RELATIVE RISK		1.000		1.322	1.655	3.671	6.434	0.000	0.000
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.3813	0.3126	0.2235	0.1919	0.7785	0.7782	0.4002	0.1332	0.3825
									0.2330	0.1371
1971-74	OBS.	14	4	4	3	2	2	1	0	0
TOTAL	EXP.		6.0	4.6	2.8	0.9	0.8	0.4	0.2	0.2
	OBS./EXP.		0.662	0.862	1.091	2.140	2.503	2.430	0.000	0.000
	RELATIVE RISK		1.000		1.456	2.857	3.342	3.244	0.000	0.000
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.4120	0.2846	0.2409	0.2702	0.7731	0.7771	0.3074	0.2659	0.3158
									0.6223	0.2504
1975-78	OBS.	28	11	5	7	0	2	2	1	0
TOTAL	EXP.		10.7	8.1	4.8	1.6	1.3	0.7	0.3	0.4
	OBS./EXP.		1.028	0.615	1.448	0.000	1.504	2.971	2.960	0.000
	RELATIVE RISK		1.000		1.703	0.000	1.770	3.495	3.482	0.000
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?
	PROB.	0.2702	0.8536	0.4437	0.1320	0.2669	0.7881	0.4521	0.1309	0.1573
									0.2936	0.2375

TABLE 16-5 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	284	101	75	59	20	14	8	1	6		
	EXP.	109.4	79.2	55.4	16.6	12.5	5.0	2.4	3.4			
	OBS./EXP. RELATIVE RISK	0.923	1.000	0.946	1.064	1.208	1.121	1.588	0.417	1.744		
	TEST PROB.	AB=C? 0.2840	AB=D? 0.2492	AB=E? 0.3527	AB=F? 0.1850	AB=G? 0.7780	AB=H? 0.1977	AB=CD? 0.2155	AB=E-H? 0.1625	AB=FGH? 0.1730	HOMO. 0.4743	TREND. 0.0443
1950-54	OBS. EXP.	28	13	6	6	0	0	2	0	1		
	RELATIVE RISK	1.184	1.000	0.777	1.123	0.000	0.000	4.099	0.000	2.757		
	TEST PROB.	AB=C? 0.4323	AB=D? 0.8761	AB=E? 0.8580	AB=F? 0.2113	AB=G? 0.7862	AB=H? 0.2881	AB=CD? 0.6362	AB=E-H? 0.4050	AB=FGH? 0.2382	HOMO. 0.2022	TREND. 0.2269
1955-58	OBS. EXP.	20	10	6	3	0	0	1	0	0		
	RELATIVE RISK	1.177	1.000	1.139	0.785	0.000	0.000	3.668	0.000	0.000		
	TEST PROB.	AB=C? 0.7324	AB=D? 0.8550	AB=E? 0.8339	AB=F? 0.2756	AB=G? 0.7760	AB=H? 0.7841	AB=CD? 0.8166	AB=E-H? 0.6877	AB=FGH? 0.3377	HOMO. 0.7040	TREND. 0.6946
1959-62	OBS. EXP.	38	11	12	8	2	3	0	0	2		
	RELATIVE RISK	0.782	1.000	1.104	1.083	0.861	1.690	0.000	0.000	3.980		
	TEST PROB.	AB=C? 0.4613	AB=D? 0.5416	AB=E? 0.3690	AB=F? 0.8239	AB=G? 0.7933	AB=H? 0.2160	AB=CD? 0.4555	AB=E-H? 0.3610	AB=FGH? 0.3887	HOMO. 0.3942	TREND. 0.0806
1963-66	OBS. EXP.	32	12	11	2	4	0	3	0	0		
	RELATIVE RISK	1.069	1.000	1.164	0.324	1.965	0.000	4.315	0.000	0.000		
	TEST PROB.	AB=C? 0.9184	AB=D? 0.3141	AB=E? 0.8792	AB=F? 0.0929	AB=G? 0.7924	AB=H? 0.8069	AB=CD? 0.7852	AB=E-H? 0.5810	AB=FGH? 0.3389	HOMO. 0.0343	TREND. 0.4851
1967-70	OBS. EXP.	45	12	14	11	6	2	0	0	0		
	RELATIVE RISK	0.691	1.000	1.123	1.233	2.288	1.037	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3014	AB=D? 0.1022	AB=E? 0.3923	AB=F? 0.3222	AB=G? 0.7920	AB=H? 0.8045	AB=CD? 0.1452	AB=E-H? 0.7095	AB=FGH? 0.8679	HOMO. 0.2942	TREND. 0.6822
1971-74	OBS. EXP.	51	18	11	11	5	4	0	0	2		
	RELATIVE RISK	0.918	1.000	0.771	1.103	1.705	1.756	0.000	0.000	3.423		
	TEST PROB.	AB=C? 0.3583	AB=D? 0.2462	AB=E? 0.2706	AB=F? 0.8371	AB=G? 0.8008	AB=H? 0.2207	AB=CD? 0.2423	AB=E-H? 0.2821	AB=FGH? 0.4029	HOMO. 0.2859	TREND. 0.0665
1975-78	OBS. EXP.	70	25	15	18	3	5	2	1	1		
	RELATIVE RISK	0.894	1.000	0.782	1.310	0.762	1.726	1.801	1.974	1.494		
	TEST PROB.	AB=C? 0.1694	AB=D? 0.5965	AB=E? 0.2185	AB=F? 0.4352	AB=G? 0.2940	AB=H? 0.3238	AB=CD? 0.2206	AB=E-H? 0.1049	AB=FGH? 0.2230	HOMO. 0.5734	TREND. 0.0664

TABLE 16-6 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	195	84	52	28	19	5	3	3	1		
	EXP.	79.4	79.4	55.2	38.2	10.9	6.2	2.5	1.1	1.5		
	OBS./EXP. RELATIVE RISK	1.058	1.000	0.942	0.732	1.742	0.803	1.214	2.756	0.684		
	TEST PROB.	AB=C? 0.8737	AB=D? 0.0603	AB=E? 0.6567	AB=F? 0.4117	AB=G? 0.1719	AB=H? 0.6686	AB=I? 0.6055	AB=J? 0.4948	AB=K? 0.3084	HOMO. 0.0701	TREND. 0.2027
1950-54	OBS. EXP.	39	18	12	5	2	0	1	1	0		
	EXP.	14.9	14.9	11.6	7.8	2.2	1.4	0.5	0.2	0.4		
	OBS./EXP. RELATIVE RISK	1.211	1.000	1.034	0.641	0.919	0.000	1.874	4.257	0.000		
	TEST PROB.	AB=C? 0.8291	AB=D? 0.6384	AB=E? 0.8730	AB=F? 0.3238	AB=G? 0.2716	AB=H? 0.8009	AB=I? 0.8201	AB=J? 0.7020	AB=K? 0.3839	HOMO. 0.4895	TREND. 0.5963
1955-58	OBS. EXP.	35	16	10	3	5	1	0	0	0		
	EXP.	13.5	13.5	10.4	6.9	2.0	1.2	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.182	1.000	0.960	0.432	2.551	0.833	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8952	AB=D? 0.1536	AB=E? 0.6309	AB=F? 0.8059	AB=G? 0.7822	AB=H? 0.7885	AB=I? 0.6793	AB=J? 0.7768	AB=K? 0.8404	HOMO. 0.2939	TREND. 0.7247
1959-62	OBS. EXP.	45	16	17	4	5	2	0	1	0		
	EXP.	19.3	19.3	12.1	8.7	2.6	1.3	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.829	1.000	1.410	0.461	1.952	1.490	0.000	4.258	0.000		
	TEST PROB.	AB=C? 0.8950	AB=D? 0.2442	AB=E? 0.3821	AB=F? 0.8098	AB=G? 0.2681	AB=H? 0.7930	AB=I? 0.7326	AB=J? 0.4092	AB=K? 0.5693	HOMO. 0.1328	TREND. 0.3414
1963-66	OBS. EXP.	35	18	6	7	1	1	1	0	1		
	EXP.	14.7	14.7	9.6	6.9	1.9	1.0	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1.223	1.000	0.627	1.015	0.521	0.970	2.239	0.000	4.410		
	TEST PROB.	AB=C? 0.4477	AB=D? 0.7301	AB=E? 0.4212	AB=F? 0.2910	AB=G? 0.7765	AB=H? 0.2615	AB=I? 0.5826	AB=J? 0.4078	AB=K? 0.3490	HOMO. 0.5304	TREND. 0.1335
1967-70	OBS. EXP.	19	6	5	4	3	1	0	0	0		
	EXP.	8.2	8.2	5.1	3.6	1.1	0.6	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.734	1.000	0.985	1.098	2.803	1.778	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4215	AB=D? 0.1574	AB=E? 0.3048	AB=F? 0.7847	AB=G? 0.7696	AB=H? 0.7741	AB=I? 0.2610	AB=J? 0.4025	AB=K? 0.8035	HOMO. 0.6672	TREND. 0.4221
1971-74	OBS. EXP.	12	6	1	2	2	0	1	0	0		
	EXP.	4.6	4.6	3.6	2.4	0.7	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.308	1.000	0.274	0.845	2.761	0.000	6.302	0.000	0.000		
	TEST PROB.	AB=C? 0.5123	AB=D? 0.2995	AB=E? 0.7913	AB=F? 0.2530	AB=G? 0.7680	AB=H? 0.7688	AB=I? 0.4732	AB=J? 0.3106	AB=K? 0.2695	HOMO. 0.2058	TREND. 0.2179
1975-78	OBS. EXP.	10	4	1	3	1	0	0	1	0		
	EXP.	4.2	4.2	2.8	2.0	0.5	0.3	0.1	0.1	0.0		
	OBS./EXP. RELATIVE RISK	0.959	1.000	0.356	1.481	1.823	0.000	0.000	17.268	0.000		
	TEST PROB.	AB=C? 0.3861	AB=D? 0.2867	AB=E? 0.7769	AB=F? 0.7680	AB=G? 0.2424	AB=H? 0.7632	AB=I? 0.3071	AB=J? 0.2698	AB=K? 0.2520	HOMO. 0.0131	TREND. 0.0672

TABLE 16-7 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	320	122	88	52	21	15	11	6	5
	EXP.	124.5	90.7	57.1	18.9	15.4	6.4	2.9	4.2	
	OBS./EXP. RELATIVE RISK	0.980	1.000	0.970	0.911	1.112	0.977	1.724	2.046	1.188
	TEST PROB.	0.6298	0.3511	0.4614	0.1039	0.1145	0.4825	0.5372	0.1377	0.0519
1950-54	OBS. EXP.	45	19	14	8	1	0	1	1	1
		17.5	12.8	8.5	2.6	2.0	0.7	0.4	0.6	
	OBS./EXP. RELATIVE RISK	1.088	1.000	1.090	0.939	0.391	0.000	1.380	2.848	1.733
	TEST PROB.	0.6316	0.8216	0.8930	0.3635	0.2839	0.3286	0.7363	0.6857	0.4292
1955-58	OBS. EXP.	33	16	8	4	3	1	1	0	0
		14.0	9.0	6.0	1.7	1.3	0.4	0.2	0.3	
	OBS./EXP. RELATIVE RISK	1.141	1.000	0.891	0.663	1.725	0.799	2.292	0.000	0.000
	TEST PROB.	0.7685	0.4017	0.6194	0.2898	0.7795	0.7917	0.6453	0.5499	0.4006
1959-62	OBS. EXP.	44	14	16	6	1	4	0	1	2
		16.8	12.4	8.1	2.8	2.1	0.8	0.4	0.6	
	OBS./EXP. RELATIVE RISK	0.833	1.000	1.290	0.745	0.355	1.881	0.000	2.586	3.469
	TEST PROB.	0.7281	0.8291	0.2823	0.8318	0.2850	0.2519	0.8146	0.2178	0.4149
1963-66	OBS. EXP.	45	21	10	7	3	0	4	0	0
		17.1	12.7	8.1	2.8	2.3	1.0	0.4	0.6	
	OBS./EXP. RELATIVE RISK	1.225	1.000	0.786	0.868	1.066	0.000	4.148	0.000	0.000
	TEST PROB.	0.6515	0.4693	0.9051	0.0580	0.8030	0.8166	0.6241	0.6019	0.2795
1967-70	OBS. EXP.	44	15	15	4	6	2	2	0	0
		16.6	12.4	7.7	2.8	2.3	1.1	0.5	0.6	
	OBS./EXP. RELATIVE RISK	0.904	1.000	1.210	0.519	2.153	0.854	1.841	0.000	0.000
	TEST PROB.	0.8593	0.1688	0.6197	0.3877	0.8054	0.8207	0.6062	0.6365	0.6296
1971-74	OBS. EXP.	50	18	11	10	4	3	2	1	1
		19.5	14.2	8.8	2.9	2.5	1.1	0.5	0.7	
	OBS./EXP. RELATIVE RISK	0.923	1.000	0.777	1.141	1.385	1.216	1.883	2.042	1.505
	TEST PROB.	0.3585	0.5722	0.4095	0.4846	0.2933	0.3252	0.2791	0.2499	0.2408
1975-78	OBS. EXP.	59	19	14	13	3	5	1	3	1
		23.0	17.1	10.1	3.3	2.9	1.2	0.6	0.6	
	OBS./EXP. RELATIVE RISK	0.826	1.000	0.819	1.293	0.897	1.707	0.804	5.039	1.354
	TEST PROB.	0.1936	0.4071	0.1A29	0.3900	0.0197	0.3190	0.2201	0.0644	0.1133

TABLE 16-8 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-8

HIROSHIMA - NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	275	97	75	58	22	11	6	2	4		
	EXP.		108.3	78.1	56.2	15.1	9.1	4.0	1.9	2.3		
	OBS./EXP. RELATIVE RISK		0.896 1.000	0.961 1.000	1.031 1.117	1.453 1.574	1.209 1.309	1.492 1.617	1.070 1.159	1.737 1.882		
	TEST PROB.	AB=C? 0.3314	AB=0? 0.0932	AB=E? 0.2965	AB=F? 0.2635	AB=G? 0.4016	AB=H? 0.2690	AB=CD? 0.1786	AB=E-H? 0.1095	AB=FGH? 0.1502	HOMO. 0.4031	TREND. 0.0248
1950-54	OBS. EXP.	25	13 9.7	5 7.3	4 5.2	1 1.4	0 0.8	2 0.3	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		1.338 1.000	0.689 1.000	0.772 0.728	0.719 0.678	0.000 0.000	6.063 5.717	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7115	AB=0? 0.6848	AB=E? 0.8339	AB=F? 0.1334	AB=G? 0.7786	AB=H? 0.7833	AB=CD? 0.7253	AB=E-H? 0.3875	AB=FGH? 0.3420	HOMO. 0.1052	TREND. 0.3963
1955-58	OBS. EXP.	24	11 8.6	9 7.3	2 5.1	2 1.4	0 0.8	0 0.4	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		1.272 1.000	1.227 1.000	0.390 0.312	1.434 1.146	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.9109	AB=0? 0.4088	AB=E? 0.3471	AB=F? 0.8056	AB=G? 0.7823	AB=H? 0.7858	AB=CD? 0.8644	AB=E-H? 0.8914	AB=FGH? 0.3337	HOMO. 0.6684	TREND. 0.8758
1959-62	OBS. EXP.	42	14 17.7	14 11.3	6 8.5	6 2.3	1 1.2	0 0.5	0 0.2	1 0.3		
	OBS./EXP. RELATIVE RISK		0.791 1.000	1.237 1.000	0.704 0.729	2.641 2.738	0.870 0.901	0.000 0.000	0.000 0.000	3.573 3.704		
	TEST PROB.	AB=C? 0.7447	AB=0? 0.0813	AB=E? 0.6068	AB=F? 0.8121	AB=G? 0.7859	AB=H? 0.2766	AB=CD? 0.4661	AB=E-H? 0.5882	AB=FGH? 0.5715	HOMO. 0.1401	TREND. 0.2001
1963-66	OBS. EXP.	42	14 16.1	15 12.2	7 8.6	3 2.3	1 1.4	1 0.7	0 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK		0.868 1.000	1.225 1.000	0.817 0.799	1.291 1.263	0.718 0.702	1.507 1.474	0.000 0.000	2.675 2.617		
	TEST PROB.	AB=C? 0.6805	AB=0? 0.4073	AB=E? 0.6775	AB=F? 0.3375	AB=G? 0.7925	AB=H? 0.2880	AB=CD? 0.6250	AB=E-H? 0.4169	AB=FGH? 0.3824	HOMO. 0.8763	TREND. 0.2588
1967-70	OBS. EXP.	38	9 15.5	9 10.4	13 7.8	4 2.0	3 1.2	0 0.5	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK		0.579 1.000	0.866 1.000	1.671 2.409	1.988 2.865	2.529 3.645	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.0584	AB=0? 0.1151	AB=E? 0.1008	AB=F? 0.7921	AB=G? 0.7755	AB=H? 0.7794	AB=CD? 0.0336	AB=E-H? 0.2873	AB=FGH? 0.8185	HOMO. 0.0884	TREND. 0.4088
1971-74	OBS. EXP.	39	10 14.6	11 11.5	7 7.9	5 2.2	4 1.5	0 0.7	1 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK		0.687 1.000	0.954 1.000	0.883 1.097	2.273 2.822	2.741 3.404	0.000 0.000	3.295 4.092	2.726 3.386		
	TEST PROB.	AB=C? 0.4371	AB=0? 0.1206	AB=E? 0.0859	AB=F? 0.9159	AB=G? 0.2689	AB=H? 0.2760	AB=CD? 0.2894	AB=E-H? 0.0776	AB=FGH? 0.4124	HOMO. 0.0683	TREND. 0.0140
1975-78	OBS. EXP.	65	26 26.1	12 18.0	19 13.1	1 3.5	2 2.3	3 1.0	1 0.4	1 0.6		
	OBS./EXP. RELATIVE RISK		0.994 1.000	0.666 1.000	1.454 1.689	0.285 0.331	0.873 1.015	3.082 3.581	2.231 2.592	1.756 2.075		
	TEST PROB.	AB=C? 0.1168	AB=0? 0.8421	AB=E? 0.4286	AB=F? 0.1089	AB=G? 0.2869	AB=H? 0.3060	AB=CD? 0.2331	AB=E-H? 0.1390	AB=FGH? 0.0682	HOMO. 0.1075	TREND. 0.0647

TABLE 16-9 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	Y=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	444	188	118	75	25	18	9	5	6		
	EXP.	200.3		115.1	82.2	21.8	13.8	4.9	2.4	3.5		
	OBS./EXP. RELATIVE RISK	0.939	1.000	1.025	0.912	1.149	1.306	1.831	2.108	1.691		
	TEST PROB.	AB=C? 0.6663	AB=0? 0.3145	AB=E? 0.2197	AB=F? 0.1154	AB=G? 0.1535	AB=H? 0.2217	AB=CD? 0.5338	AB=E-H? 0.0307	AB=FGH? 0.0271	HOMO. 0.1270	TREND. 0.0019
1950-54	OBS. EXP.	52	26	15	9	1	0	1	0	0		
	RELATIVE RISK	1.109	1.000	1.111	0.941	0.388	0.000	1.821	0.000	0.000		
	TEST PROB.	AB=C? 0.6619	AB=0? 0.8325	AB=E? 0.8855	AB=F? 0.3284	AB=G? 0.7904	AB=H? 0.8057	AB=CD? 0.7584	AB=E-H? 0.8539	AB=FGH? 0.6676	HOMO. 0.7575	TREND. 0.8787
1955-58	OBS. EXP.	46	25	13	3	3	1	1	0	0		
	RELATIVE RISK	1.207	1.000	1.092	0.352	1.291	0.684	2.008	0.000	0.000		
	TEST PROB.	AB=C? 0.9486	AB=0? 0.4222	AB=E? 0.7227	AB=F? 0.3235	AB=G? 0.7884	AB=H? 0.8014	AB=CD? 0.9109	AB=E-H? 0.7153	AB=FGH? 0.6457	HOMO. 0.5381	TREND. 0.7536
1959-62	OBS. EXP.	67	25	22	9	6	3	0	1	1		
	RELATIVE RISK	0.822	1.000	1.291	0.714	1.714	1.511	0.000	3.036	2.197		
	TEST PROB.	AB=C? 0.7701	AB=0? 0.2455	AB=E? 0.4703	AB=F? 0.8216	AB=G? 0.2801	AB=H? 0.3001	AB=CD? 0.5907	AB=E-H? 0.3777	AB=FGH? 0.3838	HOMO. 0.2930	TREND. 0.1112
1963-66	OBS. EXP.	61	30	17	10	1	0	2	0	1		
	RELATIVE RISK	1.083	1.000	1.083	0.886	0.333	0.000	2.907	0.000	2.123		
	TEST PROB.	AB=C? 0.6954	AB=0? 0.8590	AB=E? 0.5914	AB=F? 0.3245	AB=G? 0.7929	AB=H? 0.3076	AB=CD? 0.7953	AB=E-H? 0.6340	AB=FGH? 0.3369	HOMO. 0.4261	TREND. 0.4313
1967-70	OBS. EXP.	60	20	18	10	7	5	0	0	0		
	RELATIVE RISK	0.737	1.000	1.171	0.891	2.382	2.706	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.5110	AB=0? 0.0599	AB=E? 0.0784	AB=F? 0.5173	AB=G? 0.7884	AB=H? 0.8028	AB=CD? 0.2745	AB=E-H? 0.3042	AB=FGH? 0.8618	HOMO. 0.0365	TREND. 0.4134
1971-74	OBS. EXP.	63	24	12	13	4	5	1	2	2		
	RELATIVE RISK	0.849	1.000	0.727	1.119	1.347	2.495	1.367	5.656	3.707		
	TEST PROB.	AB=C? 0.2736	AB=0? 0.3443	AB=E? 0.0670	AB=F? 0.3229	AB=G? 0.0743	AB=H? 0.1584	AB=CD? 0.2189	AB=E-H? 0.0077	AB=FGH? 0.0325	HOMO. 0.0095	TREND. 0.0001
1975-78	OBS. EXP.	95	38	21	21	3	4	4	2	2		
	RELATIVE RISK	0.891	1.000	0.835	1.197	0.678	1.361	3.827	3.827	2.730		
	TEST PROB.	AB=C? 0.2124	AB=0? 0.6688	AB=E? 0.3770	AB=F? 0.0356	AB=G? 0.1664	AB=H? 0.2840	AB=CD? 0.2825	AB=E-H? 0.0190	AB=FGH? 0.0054	HOMO. 0.0146	TREND. 0.0005

TABLE 16-10 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	TOTAL	T-65 TOTAL DOSE IN RAD								TREND,		
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	151	31	45	35	18	8	8	3	3		
	EXP.	32.4	53.7	31.1	12.3	10.7	5.5	2.4	3.0			
	OBS./EXP. RELATIVE RISK	0.956	0.838	1.126	1.467	0.749	1.459	1.234	1.012			
		1.000		1.276	1.662	0.848	1.653	1.398	1.146			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.2206	0.0895	0.6652	0.2233	0.4357	0.4192	0.1097	0.3982	0.2258	0.4689	0.2190
1950-54	OBS. TOTAL	18	6	4	3	1	0	2	1	1		
	EXP.	3.7	6.6	4.1	1.4	1.1	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	1.606	0.605	0.726	0.729	0.000	3.959	4.257	2.947			
		1.000		0.751	0.754	0.000	4.095	4.404	3.048			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.6862	0.6455	0.8474	0.2165	0.2646	0.2815	0.6941	0.3116	0.0857	0.0947	0.0205
1955-58	OBS. TOTAL	11	2	4	3	2	0	0	0	0		
	EXP.	2.0	4.4	2.6	0.8	0.6	0.3	0.1	0.2			
	OBS./EXP. RELATIVE RISK	1.016	0.906	1.133	2.469	0.000	0.000	0.000	0.000			
		1.000		1.205	2.626	0.000	0.000	0.000	0.000			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.4002	0.3776	0.8156	0.7904	0.7741	0.7756	0.4298	0.8525	0.8131	0.8850	0.7733
1959-62	OBS. TOTAL	19	3	8	3	1	2	0	0	2		
	EXP.	4.1	6.7	4.0	1.6	1.3	0.6	0.3	0.4			
	OBS./EXP. RELATIVE RISK	0.730	1.197	0.753	0.628	1.548	0.000	0.000	4.985			
		1.000		0.739	0.617	1.520	0.000	0.000	4.893			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.6918	0.6971	0.3791	0.8235	0.7918	0.1706	0.7225	0.4537	0.3779	0.2730	0.0954
1963-66	OBS. TOTAL	26	5	8	4	5	1	3	0	0		
	EXP.	5.5	9.3	5.3	2.1	1.8	0.9	0.4	0.5			
	OBS./EXP. RELATIVE RISK	0.901	0.863	0.749	2.342	0.549	3.192	0.000	0.000			
		1.000		0.854	2.669	0.625	3.638	0.000	0.000			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.6231	0.1357	0.7224	0.1640	0.8025	0.8092	0.3690	0.4164	0.4557	0.1733	0.3481
1967-70	OBS. TOTAL	22	4	6	7	3	0	2	0	0		
	EXP.	5.0	7.4	4.3	1.9	1.7	0.9	0.4	0.5			
	OBS./EXP. RELATIVE RISK	0.798	0.808	1.643	1.612	0.000	2.188	0.000	0.000			
		1.000		2.044	2.005	0.000	2.721	0.000	0.000			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.2107	0.3814	0.8757	0.4262	0.7946	0.8013	0.1672	0.7298	0.3875	0.4530	0.6775
1971-74	OBS. TOTAL	26	4	10	4	5	2	1	0	0		
	EXP.	5.8	9.2	5.1	2.1	1.9	1.0	0.4	0.5			
	OBS./EXP. RELATIVE RISK	0.692	1.090	0.788	2.358	1.041	1.004	0.000	0.000			
		1.000		0.842	2.519	1.112	1.073	0.000	0.000			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.6353	0.1372	0.4367	0.4438	0.8009	0.8084	0.3876	0.6690	0.7440	0.5742	0.6607
1975-78	OBS. TOTAL	29	7	5	11	1	3	0	2	0		
	EXP.	6.5	9.9	5.6	2.4	2.3	1.2	0.5	0.6			
	OBS./EXP. RELATIVE RISK	1.075	0.503	1.975	0.412	1.316	0.000	3.839	0.000			
		1.000		2.709	0.565	1.806	0.000	5.266	0.000			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.0604	0.7157	0.3703	0.8323	0.1276	0.8018	0.1342	0.3797	0.3873	0.0383	0.5250

TABLE 16-11 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-11

HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	233	106	63	36	11	8	4	3	2		
	EXP.	103.5		63.1	40.9	11.0	8.2	2.8	1.3	2.2		
	OBS./EXP. RELATIVE RISK	1.024	1.000	0.998	0.880	1.003	0.976	1.447	2.319	0.895		
	TEST PROB.	AB=C? 0.7305	AB=D? 0.5431	AB=E? 0.5637	AB=F? 0.4169	AB=G? 0.2499	AB=H? 0.6045	AB=CD? 0.7084	AB=E-H? 0.3810	AB=FGH? 0.2829	HOMO. 0.8366	TREND. 0.2560
1950-54	OBS. TOTAL	33	16	11	6	0	0	0	0	0		
	EXP.	14.7		8.8	5.9	1.6	1.2	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.086	1.000	1.252	1.021	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6180	AB=D? 0.8851	AB=E? 0.8635	AB=F? 0.8012	AB=G? 0.7814	AB=H? 0.7959	AB=CD? 0.7546	AB=E-H? 0.9041	AB=FGH? 0.8416	HOMO. 0.7470	TREND. 0.9272
1955-58	OBS. TOTAL	30	16	8	2	2	1	1	0	0		
	EXP.	13.3		8.0	5.4	1.5	1.1	0.3	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.199	1.000	1.004	0.373	1.341	0.948	2.917	0.000	0.000		
	TEST PROB.	AB=C? 0.8995	AB=D? 0.3988	AB=E? 0.6194	AB=F? 0.2898	AB=G? 0.7795	AB=H? 0.7917	AB=CD? 0.8464	AB=E-H? 0.5499	AB=FGH? 0.4006	HOMO. 0.7196	TREND. 0.6015
1959-62	OBS. TOTAL	31	13	11	4	0	2	0	1	0		
	EXP.	13.8		8.2	5.5	1.6	1.1	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.945	1.000	1.342	0.724	0.000	1.777	0.000	6.145	0.000		
	TEST PROB.	AB=C? 0.7552	AB=D? 0.2837	AB=E? 0.3878	AB=F? 0.7987	AB=G? 0.2606	AB=H? 0.7908	AB=CD? 0.3499	AB=E-H? 0.4276	AB=FGH? 0.3939	HOMO. 0.2781	TREND. 0.4440
1963-66	OBS. TOTAL	31	17	7	5	1	0	1	0	0		
	EXP.	13.7		8.3	5.5	1.5	1.1	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.236	1.000	0.844	0.910	0.656	0.000	2.617	0.000	0.000		
	TEST PROB.	AB=C? 0.6509	AB=D? 0.7243	AB=E? 0.8566	AB=F? 0.2925	AB=G? 0.7785	AB=H? 0.7922	AB=CD? 0.6934	AB=E-H? 0.7716	AB=FGH? 0.4049	HOMO. 0.8074	TREND. 0.7534
1967-70	OBS. TOTAL	29	12	9	3	3	2	0	0	0		
	EXP.	12.9		7.8	5.1	1.4	1.0	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.933	1.000	1.150	0.588	2.153	1.998	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7868	AB=D? 0.2996	AB=E? 0.4282	AB=F? 0.7972	AB=G? 0.7776	AB=H? 0.7912	AB=CD? 0.6023	AB=E-H? 0.4276	AB=FGH? 0.8328	HOMO. 0.6879	TREND. 0.6130
1971-74	OBS. TOTAL	36	15	6	8	3	1	1	1	1		
	EXP.	16.0		9.9	6.3	1.6	1.2	0.4	0.2	0.4		
	OBS./EXP. RELATIVE RISK	0.939	1.000	0.609	1.266	1.864	0.809	2.253	4.890	2.791		
	TEST PROB.	AB=C? 0.2863	AB=D? 0.2796	AB=E? 0.4971	AB=F? 0.2844	AB=G? 0.2589	AB=H? 0.2750	AB=CD? 0.1954	AB=E-H? 0.2248	AB=FGH? 0.1187	HOMO. 0.3120	TREND. 0.0168
1975-78	OBS. TOTAL	43	17	11	8	2	2	1	1	1		
	EXP.	19.0		12.2	7.3	1.8	1.5	0.5	0.3	0.4		
	OBS./EXP. RELATIVE RISK	0.896	1.000	0.900	1.091	1.113	1.337	1.925	3.878	2.473		
	TEST PROB.	AB=C? 0.4435	AB=D? 0.3895	AB=E? 0.3819	AB=F? 0.3051	AB=G? 0.2662	AB=H? 0.2884	AB=CD? 0.4190	AB=E-H? 0.2071	AB=FGH? 0.1976	HOMO. 0.7746	TREND. 0.0367

TABLE 16-12 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-12

HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	A	B	C	D	E	F	G	H		
1950-78	OBS.	211	82	55	39	14	10	5	2	4		
TOTAL	EXP.	96.8		51.9	41.3	10.8	5.6	2.2	1.1	1.3		
	OBS./EXP.	0.847	1.059	0.944	1.298	1.791	2.323	1.856	3.045			
	RELATIVE RISK	1.000		1.024	1.409	1.945	2.523	2.015	3.307			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4777	0.2273	0.0904	0.1070	0.4487	0.0711	0.3547	0.0074	0.0163	0.0167	0.0001
1950-54	OBS.	19	10	4	3	1	0	1	0	0		
	EXP.	8.7		4.7	3.7	1.0	0.5	0.2	0.1	0.1		
	OBS./EXP.	1.148	0.849	0.813	1.001	0.000	5.356	0.000	0.000	0.000		
	RELATIVE RISK	1.000		0.780	0.960	0.000	5.134	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6692	0.5557	0.8092	0.2625	0.7714	0.7739	0.6534	0.4169	0.2937	0.6997	0.4916
1955-58	OBS.	16	9	5	1	1	0	0	0	0		
	EXP.	7.4		3.9	3.1	0.8	0.4	0.2	0.1	0.1		
	OBS./EXP.	1.223	1.272	0.318	1.201	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000		0.256	0.968	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8865	0.5501	0.8105	0.7815	0.7712	0.7733	0.8547	0.8403	0.8015	0.8949	0.7970
1959-62	OBS.	36	12	11	5	6	1	0	0	1		
	EXP.	16.6		8.8	7.1	1.9	0.9	0.3	0.2	0.2		
	OBS./EXP.	0.721	1.244	0.707	3.185	1.163	0.000	0.000	0.000	5.451		
	RELATIVE RISK	1.000		0.783	3.530	1.289	0.000	0.000	0.000	6.041		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6874	0.0356	0.3609	0.7911	0.7759	0.2581	0.3313	0.3814	0.3283	0.0289	0.0481
1963-66	OBS.	30	13	10	5	0	0	1	0	1		
	EXP.	14.0		7.4	5.8	1.5	0.7	0.3	0.2	0.2		
	OBS./EXP.	0.931	1.351	0.863	0.000	0.000	3.271	0.000	0.000	5.560		
	RELATIVE RISK	1.000		0.801	0.000	0.000	3.039	0.000	0.000	5.165		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6755	0.8762	0.8298	0.2813	0.7773	0.2617	0.7849	0.3824	0.3049	0.2703	0.1223
1967-70	OBS.	31	8	9	7	4	3	0	0	0		
	EXP.	14.3		7.5	6.1	1.5	0.8	0.3	0.2	0.2		
	OBS./EXP.	0.561	1.194	1.143	2.589	3.542	0.000	0.000	0.000	0.000		
	RELATIVE RISK	1.000		1.466	3.321	4.544	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3464	0.0987	0.0796	0.7874	0.7732	0.7757	0.1665	0.2406	0.8100	0.0667	0.2794
1971-74	OBS.	27	9	6	5	1	4	0	1	1		
	EXP.	12.3		6.7	5.3	1.4	0.8	0.3	0.1	0.2		
	OBS./EXP.	0.732	0.902	0.944	0.736	0.736	5.212	0.000	6.706	5.514		
	RELATIVE RISK	1.000		1.193	0.930	0.930	6.585	0.000	8.474	6.967		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4264	0.5804	0.0107	0.7846	0.2528	0.2555	0.4303	0.0067	0.2065	0.0014	0.0003
1975-78	OBS.	52	21	10	13	1	2	3	1	1		
	EXP.	23.7		12.9	10.2	2.6	1.4	0.5	0.3	0.3		
	OBS./EXP.	0.888	0.773	1.272	0.381	1.386	5.709	3.778	3.047			
	RELATIVE RISK	1.000		1.502	0.449	1.636	6.739	4.459	3.596			
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2293	0.7466	0.3921	0.0213	0.2661	0.2742	0.3367	0.0311	0.0090	0.0118	0.0022

TABLE 16-13 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-13

NAGASAXI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD											
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	87	16	25	16	10	7	7	3	3			
	EXP.	21.0	27.6	16.2	7.9	7.2	3.6	1.6	2.0				
	OBS./EXP. RELATIVE RISK	0.763	0.907	0.989	1.264	0.977	1.936	1.831	1.518				
	TEST PROB.	0.3919	0.2644	0.4516	0.1069	0.2722	0.3758	0.2754	0.1198	0.0583	0.4476	HOMO, 0.0224	TREND, 0.0224
1950-54	OBS. EXP.	12	3	3	2	1	0	1	1	1			
	RELATIVE RISK	1.098	0.739	0.757	1.020	0.000	2.762	5.651	3.731				
	TEST PROB.	0.6216	0.3869	0.8274	0.2799	0.2556	0.2683	0.5797	0.3565	0.1336	0.3131	HOMO, 0.0205	TREND, 0.0205
1955-58	OBS. EXP.	3	0	0	2	1	0	0	0	0			
	RELATIVE RISK	0.000	0.000	2.999	4.032	0.000	0.000	0.000	0.000				
	TEST PROB.	0.1808	0.2398	X	X	X	X	0.1225	X	X	0.4248	HOMO, 0.5613	TREND, 0.5613
1959-62	OBS. EXP.	13	1	5	2	1	2	0	0	2			
	RELATIVE RISK	0.328	1.189	0.789	0.831	1.997	0.000	0.000	6.563				
	TEST PROB.	0.5413	0.4612	0.4414	0.8065	0.7832	0.0875	0.5498	0.2518	0.4879	0.0767	HOMO, 0.0167	TREND, 0.0167
1963-66	OBS. EXP.	14	4	3	2	2	0	3	0	0			
	RELATIVE RISK	1.180	0.677	0.779	1.551	0.000	5.154	0.000	0.000				
	TEST PROB.	0.6020	0.3787	0.8577	0.0706	0.7897	0.7929	0.4121	0.4009	0.2450	0.0742	HOMO, 0.2681	TREND, 0.2681
1967-70	OBS. EXP.	15	3	6	1	3	0	2	0	0			
	RELATIVE RISK	0.804	1.313	0.383	2.152	0.000	2.749	0.000	0.000				
	TEST PROB.	0.8312	0.3491	0.8721	0.3964	0.7929	0.7986	0.5857	0.7077	0.3798	0.3616	HOMO, 0.5896	TREND, 0.5896
1971-74	OBS. EXP.	14	3	5	2	1	2	1	0	0			
	RELATIVE RISK	0.851	1.151	0.818	0.792	1.626	1.603	0.000	0.000				
	TEST PROB.	0.6504	0.6357	0.3784	0.3286	0.7895	0.7951	0.6609	0.4027	0.6230	0.9772	HOMO, 0.5825	TREND, 0.5825
1975-78	OBS. EXP.	16	2	3	5	1	3	0	2	0			
	RELATIVE RISK	0.498	0.615	1.837	0.646	2.094	0.000	5.926	0.000				
	TEST PROB.	0.1342	0.3897	0.1704	0.8044	0.0449	0.7832	0.1988	0.1443	0.4217	0.0382	HOMO, 0.2019	TREND, 0.2019

TABLE 16-14 MALIGNANT NEOPLASMS OF OTHER OR UNSPECIFIED DIGESTIVE ORGANS

TABLE 16-14

NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	64	15	20	19	8	1	1	0	0		
	EXP.		11.5	26.1	14.9	4.4	3.5	1.9	0.8	1.0		
	OBS./EXP.		1.309	0.766	1.275	1.837	0.284	0.535	0.000	0.000		
	RELATIVE RISK		1.000		1.369	1.972	0.305	0.575	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2482	0.1405	0.8589	0.7339	0.8269	0.8419	0.1478	0.9198	0.8678	0.1517	0.9462
1950-54	OBS.	6	3	1	1	0	0	1	0	0		
	EXP.		1.0	2.5	1.5	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP.		2.992	0.392	0.670	0.000	0.000	6.984	0.000	0.000		
	RELATIVE RISK		1.000		0.595	0.000	0.000	6.201	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7195	0.8101	0.7999	0.2589	0.7695	0.7724	0.7723	0.3363	0.2788	0.1371	0.3556
1955-58	OBS.	8	2	4	1	1	0	0	0	0		
	EXP.		1.3	3.4	2.0	0.6	0.4	0.2	0.1	0.1		
	OBS./EXP.		1.549	1.176	0.505	1.779	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.395	1.391	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8084	0.3536	0.8156	0.7904	0.7741	0.7756	0.7372	0.8525	0.8131	0.9548	0.7830
1959-62	OBS.	6	2	3	1	0	0	0	0	0		
	EXP.		1.1	2.5	1.5	0.4	0.3	0.2	0.1	0.1		
	OBS./EXP.		1.886	1.210	0.689	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.488	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7657	0.8175	0.8069	0.7890	0.7729	0.7789	0.8144	0.8466	0.8136	0.9546	0.8287
1963-66	OBS.	12	1	5	2	3	1	0	0	0		
	EXP.		2.2	4.8	2.8	0.8	0.7	0.4	0.2	0.2		
	OBS./EXP.		0.463	1.033	0.722	3.549	1.489	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.841	4.139	1.736	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6246	0.1313	0.3284	0.7984	0.7789	0.7840	0.3971	0.6394	0.8294	0.4064	0.5799
1967-70	OBS.	7	1	0	6	0	0	0	0	0		
	EXP.		1.3	2.9	1.7	0.5	0.3	0.2	0.1	0.1		
	OBS./EXP.		0.780	0.000	3.633	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		15.033	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0200	0.7827	0.7778	0.7705	0.7648	0.7674	0.0405	0.7965	0.7812	0.0291	0.7475
1971-74	OBS.	12	1	5	2	4	0	0	0	0		
	EXP.		2.3	4.9	2.6	0.8	0.7	0.4	0.2	0.2		
	OBS./EXP.		0.444	1.026	0.761	4.757	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.904	5.650	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5890	0.0408	0.8267	0.7998	0.7768	0.7804	0.2583	0.8696	0.8263	0.0483	0.6957
1975-78	OBS.	13	5	2	6	0	0	0	0	0		
	EXP.		2.5	5.1	2.8	0.9	0.8	0.4	0.2	0.2		
	OBS./EXP.		2.006	0.395	2.106	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		2.275	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2023	0.8349	0.8302	0.8033	0.7785	0.7851	0.3230	0.8770	0.8336	0.1620	0.9092

TABLE 17-1 MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM

TABLE 17-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	564	200	153	110	32	37	14	8	10		
	EXP.	223.1		157.8	106.9	32.3	23.6	9.6	4.4	6.2		
	OBS./EXP. RELATIVE RISK	0.896	1.000	0.969	1.029	0.992	1.566	1.465	1.820	1.605		
	TEST PROB.	AB=C? 0.2635	AB=D? 0.4464	AB=E? 0.0255	AB=F? 0.1711	AB=G? 0.1350	AB=H? 0.1655	AB=CD? 0.2511	AB=E-H? 0.0040	AB=FGH? 0.0326	HOMO, 0.0114	TREND, 0.0001
1950-54	OBS. TOTAL	19	9	5	5	0	0	0	0	0		
	EXP.	7.7		5.4	3.7	1.1	0.7	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK	1.175	1.000	0.931	1.358	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4366	AB=D? 0.8571	AB=E? 0.3339	AB=F? 0.7936	AB=G? 0.7773	AB=H? 0.7862	AB=CD? 0.5457	AB=E-H? 0.3742	AB=FGH? 0.8260	HOMO, 0.3766	TREND, 0.8721
1955-58	OBS. TOTAL	27	10	7	5	1	2	1	1	1		
	EXP.	11.2		7.3	5.1	1.5	1.0	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.891	1.000	0.956	0.972	0.677	1.976	2.519	0.000	3.998		
	TEST PROB.	AB=C? 0.4473	AB=D? 0.6614	AB=E? 0.4821	AB=F? 0.2873	AB=G? 0.7790	AB=H? 0.2670	AB=CD? 0.5504	AB=E-H? 0.1933	AB=FGH? 0.3505	HOMO, 0.7005	TREND, 0.0512
1959-62	OBS. TOTAL	72	20	21	15	6	8	0	1	1		
	EXP.	28.2		20.1	13.7	4.4	3.0	1.2	0.6	0.8		
	OBS./EXP. RELATIVE RISK	0.709	1.000	1.043	1.094	1.373	2.655	0.000	1.814	1.239		
	TEST PROB.	AB=C? 0.3151	AB=D? 0.2699	AB=E? 0.0209	AB=F? 0.8408	AB=G? 0.2995	AB=H? 0.3389	AB=CD? 0.2264	AB=E-H? 0.0775	AB=FGH? 0.5578	HOMO, 0.0649	TREND, 0.0974
1963-66	OBS. TOTAL	82	24	22	21	7	3	3	1	1		
	EXP.	33.9		22.4	15.5	4.5	3.1	1.2	0.6	0.3		
	OBS./EXP. RELATIVE RISK	0.709	1.000	0.984	1.352	1.563	0.953	2.441	1.317	1.178		
	TEST PROB.	AB=C? 0.1030	AB=D? 0.1806	AB=E? 0.4124	AB=F? 0.1806	AB=G? 0.3019	AB=H? 0.3587	AB=CD? 0.0648	AB=E-H? 0.2104	AB=FGH? 0.668	HOMO, 0.2248	TREND, 0.0636
1967-70	OBS. TOTAL	115	40	34	27	5	3	4	1	1		
	EXP.	45.4		32.4	21.9	6.5	4.7	2.0	0.8	1.2		
	OBS./EXP. RELATIVE RISK	0.881	1.000	1.050	1.232	0.766	0.634	2.041	1.182	0.803		
	TEST PROB.	AB=C? 0.2373	AB=D? 0.6843	AB=E? 0.7697	AB=F? 0.2455	AB=G? 0.3876	AB=H? 0.6404	AB=CD? 0.3124	AB=E-H? 0.4724	AB=FGH? 0.3244	HOMO, 0.6427	TREND, 0.3836
1971-74	OBS. TOTAL	117	48	25	22	6	11	1	2	2		
	EXP.	45.5		32.8	22.3	6.8	5.1	2.2	0.9	1.3		
	OBS./EXP. RELATIVE RISK	1.055	1.000	0.762	0.935	0.876	2.137	0.464	2.107	1.534		
	TEST PROB.	AB=C? 0.4871	AB=D? 0.5734	AB=E? 0.0534	AB=F? 0.7706	AB=G? 0.4061	AB=H? 0.3917	AB=CD? 0.4717	AB=E-H? 0.0884	AB=FGH? 0.6423	HOMO, 0.1369	TREND, 0.0705
1975-78	OBS. TOTAL	132	49	39	15	7	10	5	3	4		
	EXP.	51.7		37.2	24.6	7.6	6.0	2.4	1.1	1.4		
	OBS./EXP. RELATIVE RISK	0.948	1.000	1.049	0.611	0.919	1.656	2.068	2.703	2.869		
	TEST PROB.	AB=C? 0.9082	AB=D? 0.6187	AB=E? 0.1883	AB=F? 0.2155	AB=G? 0.2173	AB=H? 0.1232	AB=CD? 0.8811	AB=E-H? 0.0283	AB=FGH? 0.0344	HOMO, 0.0123	TREND, 1.0002

TABLE 18-1 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	459	156	125	88	27	35	12	8	8		
	EXP.	182.4	127.9	86.8	26.3	19.2	7.7	3.6	5.1			
	OBS./EXP. RELATIVE RISK	0.855	0.977	1.014	1.028	1.822	1.555	2.236	1.532			
		1.000	1.000	1.119	1.135	2.012	1.717	2.469	1.748			
	TEST PROB.	AB=C? 0.2673	AB=D? 0.3770	AB=E? 0.0051	AB=F? 0.1427	AB=G? 0.0610	AB=H? 0.1981	AB=I? 0.2304	AB=J? 0.0007	AB=K? 0.0190	HOMO. 0.0003	TREND. 0.0000
1950-54	OBS. TOTAL	9	4	2	3	0	0	0	0	0		
	EXP.	3.4	2.6	1.8	0.5	0.3	0.1	0.1	0.1			
	OBS./EXP. RELATIVE RISK	1.186	0.759	1.657	0.000	0.000	0.000	0.000	0.000			
		1.000	1.000	1.660	0.000	0.000	0.000	0.000	0.000			
	TEST PROB.	AB=C? 0.4340	AB=D? 0.8208	AB=E? 0.8059	AB=F? 0.7826	AB=G? 0.7715	AB=H? 0.7762	AB=I? 0.3967	AB=J? 0.3378	AB=K? 0.8040	HOMO. 0.9422	TREND. 0.7875
1955-58	OBS. TOTAL	15	5	4	3	0	2	0	0	1		
	EXP.	6.2	4.1	2.9	0.8	0.6	0.2	0.1	0.1			
	OBS./EXP. RELATIVE RISK	0.801	0.981	1.048	0.000	3.621	0.000	0.000	0.000			
		1.000	1.000	1.202	0.000	4.153	0.000	0.000	0.000			
	TEST PROB.	AB=C? 0.4083	AB=D? 0.3284	AB=E? 0.2146	AB=F? 0.7828	AB=G? 0.7717	AB=H? 0.2546	AB=I? 0.5942	AB=J? 0.1593	AB=K? 0.2913	HOMO. 0.1822	TREND. 0.0342
1959-62	OBS. TOTAL	53	16	13	11	5	7	0	1	0		
	EXP.	21.8	14.4	9.9	3.1	2.1	0.8	0.4	0.4			
	OBS./EXP. RELATIVE RISK	0.733	0.906	1.107	1.620	3.371	0.000	2.682	0.000			
		1.000	1.000	1.381	2.023	4.207	0.000	3.347	0.000			
	TEST PROB.	AB=C? 0.2936	AB=D? 0.1945	AB=E? 0.0095	AB=F? 0.8154	AB=G? 0.2763	AB=H? 0.8010	AB=I? 0.1784	AB=J? 0.0636	AB=K? 0.6611	HOMO. 0.0158	TREND. 0.1430
1963-66	OBS. TOTAL	70	21	20	15	6	3	3	1	1		
	EXP.	29.2	18.9	13.3	3.8	2.6	1.0	0.5	0.5			
	OBS./EXP. RELATIVE RISK	0.720	1.056	1.131	1.576	1.132	2.930	2.198	1.417			
		1.000	1.000	1.327	1.849	1.329	3.438	2.579	1.662			
	TEST PROB.	AB=C? 0.2882	AB=D? 0.2402	AB=E? 0.4093	AB=F? 0.1536	AB=G? 0.2944	AB=H? 0.3417	AB=I? 0.1900	AB=J? 0.1691	AB=K? 0.1335	HOMO. 0.2726	TREND. 0.0291
1967-70	OBS. TOTAL	95	31	28	23	4	3	4	1	1		
	EXP.	37.3	26.7	18.1	5.5	4.0	1.6	0.7	1.0			
	OBS./EXP. RELATIVE RISK	0.830	1.049	1.269	0.730	0.752	2.429	1.411	0.974			
		1.000	1.000	1.377	0.793	0.816	2.636	1.532	1.057			
	TEST PROB.	AB=C? 0.2049	AB=D? 0.6776	AB=E? 0.6889	AB=F? 0.1624	AB=G? 0.3408	AB=H? 0.4700	AB=I? 0.2903	AB=J? 0.3944	AB=K? 0.2034	HOMO. 0.4624	TREND. 0.2102
1971-74	OBS. TOTAL	96	37	22	19	5	10	0	2	1		
	EXP.	37.1	27.0	18.4	5.7	4.2	1.8	0.3	0.3			
	OBS./EXP. RELATIVE RISK	0.996	0.814	1.035	0.883	2.364	0.000	2.566	0.967			
		1.000	1.000	1.125	0.960	2.571	0.000	2.791	1.052			
	TEST PROB.	AB=C? 0.4201	AB=D? 0.5562	AB=E? 0.0414	AB=F? 0.8771	AB=G? 0.3157	AB=H? 0.4546	AB=I? 0.4435	AB=J? 0.1095	AB=K? 0.5823	HOMO. 0.0810	TREND. 0.1611
1975-78	OBS. TOTAL	121	42	36	14	7	10	5	3	4		
	EXP.	47.7	33.9	22.4	7.0	5.5	2.2	1.0	1.3			
	OBS./EXP. RELATIVE RISK	0.880	1.061	0.625	1.003	1.221	2.282	2.937	3.145			
		1.000	1.000	0.654	1.050	1.906	2.388	3.074	3.292			
	TEST PROB.	AB=C? 0.8719	AB=D? 0.4652	AB=E? 0.1194	AB=F? 0.1566	AB=G? 0.1762	AB=H? 0.0871	AB=I? 0.8187	AB=J? 0.0108	AB=K? 0.0165	HOMO. 0.0029	TREND. 0.0000

TABLE 18-2 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	2	1	1	0	0	0	0	0	0	
	EXP.	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	1.070 1.000	1.843	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8241	AB=D? 0.7773	AB=E? 0.7698	AB=F? 0.7643	AB=G? 0.7620	AB=H? 0.7625	AB=CD? 0.8351	AB=E-H? 0.7772	AB=FGH? HOMO. 0.7682 0.9961	TREND. 0.6401
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R										
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R										
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? HOMO. X	TREND. X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R										
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? HOMO. X	TREND. X
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R										
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? HOMO. X	TREND. X
1967-70	OBS. EXP.	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R										
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? HOMO. X	TREND. X
1971-74	OBS. EXP.	0	0	0	0	0	0	0	0	0	
	OBS./EXP. RELATIVE R										
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? HOMO. X	TREND. X
1975-78	OBS. EXP.	2	1	1	0	0	0	0	0	0	
	EXP.	0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	1.069 1.000	1.843	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8241	AB=D? 0.7773	AB=E? 0.7697	AB=F? 0.7642	AB=G? 0.7620	AB=H? 0.7625	AB=CD? 0.8351	AB=E-H? 0.7770	AB=FGH? HOMO. 0.7681 0.9961	TREND. 0.6402

TABLE 18-3 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	15	2	4	2	1	2	1	1	2		
	EXP.	5.4	4.7	2.4	0.8	0.9	0.4	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.372	0.851	0.833	1.220	2.222	2.331	6.006	9.414	15.802		
	TEST PROB.	AB=C? 0.3739	AB=D? 0.3219	AB=E? 0.3283	AB=F? 0.2726	AB=G? 0.2512	AB=H? 0.0264	AB=CD? 0.4150	AB=E-H? 0.0153	AB=FGH? 0.0112	HOMO. 0.0010	TREND. 0.0000
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK	0.000	3.121	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7961	AB=D? 0.7690	AB=E? 0.7680	AB=F? 0.7638	AB=G? 0.7623	AB=H? 0.7639	AB=CD? 0.8029	AB=E-H? 0.7766	AB=FGH? 0.7693	HOMO. 0.9529	TREND. 0.6141
1967-70	OBS. EXP.	2	0	1	1	0	0	0	0	0		
	RELATIVE RISK	0.000	1.707	2.937	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2728	AB=D? 0.7895	AB=E? 0.7977	AB=F? 0.7809	AB=G? 0.7661	AB=H? 0.7662	AB=CD? 0.2472	AB=E-H? 0.8217	AB=FGH? 0.7910	HOMO. 0.9153	TREND. 0.6340
1971-74	OBS. EXP.	2	1	0	0	0	1	0	0	0		
	RELATIVE RISK	1.498	0.000	0.000	0.000	0.000	7.336	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7961	AB=D? 0.7691	AB=E? 0.2473	AB=F? 0.7638	AB=G? 0.7624	AB=H? 0.7638	AB=CD? 0.8031	AB=E-H? 0.2566	AB=FGH? 0.7692	HOMO. 0.4425	TREND. 0.3201
1975-78	OBS. EXP.	10	1	2	1	1	1	1	1	2		
	RELATIVE RISK	0.279	0.639	0.618	1.818	4.068	1.684	3.628	9.207	14.122		
	TEST PROB.	AB=C? 0.3507	AB=D? 0.2825	AB=E? 0.2762	AB=F? 0.2552	AB=G? 0.2456	AB=H? 0.0066	AB=CD? 0.3715	AB=E-H? 0.0068	AB=FGH? 0.0016	HOMO. 0.0000	TREND. 0.0000

TABLE 18-4 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	51	19	12	8	1	6	3	1	1		
	EXP.	19.4	14.7	9.2	3.0	2.3	1.2	0.6	0.7	0.7		
	OBS./EXP. RELATIVE RISK	0.982 1.000	0.817 1.000	0.870 0.955	0.330 0.362	2.570 2.822	2.606 2.861	1.770 1.943	1.453 1.595			
	TEST PROB.	AB=C? 0.5696	AB=D? 0.8130	AB=E? 0.0794	AB=F? 0.1702	AB=G? 0.3014	AB=H? 0.3230	AB=CD? 0.6848	AB=E-H? 0.0406	AB=FGH? 0.1382	HOMO. 0.1208	TREND. 0.0300
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	2	1	1	0	0	0	0	0	0		
	RELATIVE RISK	1.558 1.000	1.576 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8377	AB=D? 0.7914	AB=E? 0.7871	AB=F? 0.7741	AB=G? 0.7672	AB=H? 0.7690	AB=CD? 0.8557	AB=E-H? 0.8098	AB=FGH? 0.7878	HOMO. 0.9919	TREND. 0.7260
1959-62	OBS. EXP.	3	3	0	0	0	0	0	0	0		
	RELATIVE RISK	2.769 1.000	0.000 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2493	AB=D? 0.7950	AB=E? 0.7902	AB=F? 0.7757	AB=G? 0.7681	AB=H? 0.7699	AB=CD? 0.3674	AB=E-H? 0.8148	AB=FGH? 0.7908	HOMO. 0.5814	TREND. 0.7919
1963-66	OBS. EXP.	4	1	2	1	0	0	0	0	0		
	RELATIVE RISK	0.560 1.000	1.880 1.000	1.398 1.328	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3627	AB=D? 0.7876	AB=E? 0.7774	AB=F? 0.7678	AB=G? 0.7645	AB=H? 0.7667	AB=CD? 0.4455	AB=E-H? 0.7930	AB=FGH? 0.7778	HOMO. 0.9738	TREND. 0.6930
1967-70	OBS. EXP.	6	1	2	2	0	1	0	0	0		
	RELATIVE RISK	0.447 1.000	1.151 1.000	1.891 2.504	0.000 0.000	3.355 4.443	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4371	AB=D? 0.7875	AB=E? 0.2627	AB=F? 0.7676	AB=G? 0.7645	AB=H? 0.7666	AB=CD? 0.3736	AB=E-H? 0.2924	AB=FGH? 0.7776	HOMO. 0.7877	TREND. 0.4989
1971-74	OBS. EXP.	12	4	2	3	0	1	0	1	1		
	RELATIVE RISK	0.905 1.000	0.566 1.000	1.361 1.804	0.000 0.000	1.796 2.381	0.000 0.000	7.410 9.823	6.120 8.113			
	TEST PROB.	AB=C? 0.4607	AB=D? 0.8215	AB=E? 0.2998	AB=F? 0.7905	AB=G? 0.2521	AB=H? 0.2557	AB=CD? 0.3964	AB=E-H? 0.1635	AB=FGH? 0.2130	HOMO. 0.0943	TREND. 0.0071
1975-78	OBS. EXP.	24	9	5	2	1	4	3	0	0		
	RELATIVE RISK	0.979 1.000	0.733 1.000	0.468 0.535	0.685 0.784	3.597 4.115	5.525 6.321	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7734	AB=D? 0.5904	AB=E? 0.0654	AB=F? 0.0280	AB=G? 0.7826	AB=H? 0.7871	AB=CD? 0.7498	AB=E-H? 0.0424	AB=FGH? 0.1672	HOMO. 0.0031	TREND. 0.0543

TABLE 18-5 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	252	93	66	42	21	15	5	6	4		
	EXP.	101.1	68.3	47.4	14.5	11.3	4.3	2.0	3.0			
	OBS./EXP. RELATIVE RISK	0.920	0.966	0.886	1.453	1.322	1.169	2.944	1.313			
	TEST PROB.	0.6114	0.1217	0.2373	0.4355	0.0510	0.6835	0.3691	0.0809	0.1240	0.0523	0.0062
1950-54	OBS. EXP.	2	2	0	0	0	0	0	0	0		
	RELATIVE RISK	2.893	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	0.8377	0.7967	0.7898	0.7748	0.7687	0.7710	0.8585	0.8149	0.7915	0.7809	0.7913
1955-58	OBS. EXP.	6	3	1	1	0	0	0	0	1		
	RELATIVE RISK	1.114	1.000	0.664	0.877	0.000	0.000	0.000	0.000	18.965		
	TEST PROB.	0.5896	0.7957	0.7838	0.7689	0.7646	0.2451	0.6706	0.2825	0.2567	0.0127	0.0044
1959-62	OBS. EXP.	23	6	6	3	3	4	0	1	0		
	RELATIVE RISK	0.647	1.000	0.973	0.704	2.203	3.771	0.000	5.197	0.000		
	TEST PROB.	0.5837	0.1879	0.0267	0.7879	0.2550	0.7815	0.4072	0.0653	0.3315	0.0247	0.0602
1963-66	OBS. EXP.	36	11	10	6	5	2	1	1	0		
	RELATIVE RISK	0.739	1.000	1.033	0.900	2.556	1.264	1.773	4.024	0.000		
	TEST PROB.	0.4452	0.1106	0.3805	0.3099	0.2666	0.8000	0.2815	0.3543	0.4062	0.2420	0.1478
1967-70	OBS. EXP.	57	21	15	11	4	1	3	1	1		
	RELATIVE RISK	0.930	1.000	0.958	1.017	1.241	0.384	3.022	2.307	1.431		
	TEST PROB.	0.4538	0.4462	0.8232	0.1845	0.2962	0.3519	0.4344	0.4753	0.1522	0.5034	0.1114
1971-74	OBS. EXP.	57	27	11	11	4	3	0	1	0		
	RELATIVE RISK	1.188	1.000	0.712	1.016	1.221	1.147	0.000	2.202	0.000		
	TEST PROB.	0.4657	0.4246	0.4127	0.8449	0.2988	0.8197	0.4582	0.6219	0.7671	0.6994	0.7140
1975-78	OBS. EXP.	71	23	23	10	5	5	1	2	2		
	RELATIVE RISK	0.805	1.000	1.191	0.751	1.226	1.515	0.850	3.792	2.769		
	TEST PROB.	0.7264	0.4389	0.3501	0.6585	0.2685	0.3379	0.6341	0.1719	0.2477	0.1672	0.0103

TABLE 18-6 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	139	41	42	36	4	12	3	0	1	
	EXP.	55.7	39.7	27.5	7.9	4.6	1.8	0.8	1.1		
	OBS./EXP. RELATIVE RISK	0.737 1.000	1.059	1.310 1.505	0.508 0.583	2.619 3.008	1.629 1.870	0.000 0.000	0.911 1.046		
	TEST PROB.	AB=C? 0.0785	AB=D? 0.8154	AB=E? 0.0111	AB=F? 0.3680	AB=G? 0.8247	AB=H? 0.5281	AB=CD? 0.1708	AB=E-H? 0.0410	AB=FGH? HOMO. 0.4228 0.0020	TREND. 0.0900
1950-54	OBS. EXP.	7	2 2.7	2 2.1	3 1.4	0 0.4	0 0.2	0 0.1	0 0.0	0 0.1	
	OBS./EXP. RELATIVE RISK	0.746 1.000	0.962	2.110 2.511	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.3225	AB=D? 0.8009	AB=E? 0.7884	AB=F? 0.7721	AB=G? 0.7655	AB=H? 0.7693	AB=CD? 0.4416	AB=E-H? 0.3086	AB=FGH? HOMO. 0.7849 0.9069	TREND. 0.6967
1955-58	OBS. EXP.	7	1 2.9	2 1.9	2 1.3	0 0.4	2 0.2	0 0.1	0 0.0	0 0.1	
	OBS./EXP. RELATIVE RISK	0.344 1.000	1.033	1.504 2.429	0.000 0.000	8.163 13.188	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.4045	AB=D? 0.7867	AB=E? 0.0362	AB=F? 0.7671	AB=G? 0.7634	AB=H? 0.7653	AB=CD? 0.3666	AB=E-H? 0.1141	AB=FGH? HOMO. 0.7748 0.0380	TREND. 0.1501
1959-62	OBS. EXP.	27	7 11.5	7 7.3	8 5.1	2 1.6	3 0.9	0 0.3	0 0.1	0 0.2	
	OBS./EXP. RELATIVE RISK	0.609 1.000	0.963	1.562 2.091	1.285 1.721	3.401 4.555	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.1458	AB=D? 0.3946	AB=E? 0.1081	AB=F? 0.7860	AB=G? 0.7727	AB=H? 0.7781	AB=CD? 0.1356	AB=E-H? 0.2895	AB=FGH? HOMO. 0.8103 0.2277	TREND. 0.3101
1963-66	OBS. EXP.	29	9 12.1	7 7.9	8 5.7	1 1.6	1 0.9	2 0.4	0 0.2	1 0.2	
	OBS./EXP. RELATIVE RISK	0.747 1.000	0.889	1.396 1.739	0.617 0.769	1.085 1.351	5.013 6.245	0.000 0.000	4.419 5.505		
	TEST PROB.	AB=C? 0.2259	AB=D? 0.6602	AB=E? 0.3678	AB=F? 0.1350	AB=G? 0.7774	AB=H? 0.2653	AB=CD? 0.2807	AB=E-H? 0.1878	AB=FGH? HOMO. 0.1195 0.1219	TREND. 0.0145
1967-70	OBS. EXP.	30	9 11.3	10 8.7	9 5.9	0 1.8	1 0.9	1 0.4	0 0.2	0 0.2	
	OBS./EXP. RELATIVE RISK	0.760 1.000	1.150	1.521 1.645	0.000 0.000	1.059 1.145	2.322 2.511	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.2481	AB=D? 0.5809	AB=E? 0.4048	AB=F? 0.2930	AB=G? 0.7798	AB=H? 0.7824	AB=CD? 0.4217	AB=E-H? 0.3941	AB=FGH? HOMO. 0.3705 0.6026	TREND. 0.5627
1971-74	OBS. EXP.	25	5 9.3	9 7.4	5 5.0	1 1.6	5 0.9	0 0.4	0 0.2	0 0.2	
	OBS./EXP. RELATIVE RISK	0.535 1.000	1.221	0.994 1.187	0.644 0.769	5.421 6.470	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.4292	AB=D? 0.6494	AB=E? 0.0125	AB=F? 0.7996	AB=G? 0.7768	AB=H? 0.7799	AB=CD? 0.4294	AB=E-H? 0.0973	AB=FGH? HOMO. 0.8255 0.0025	TREND. 0.1436
1975-78	OBS. EXP.	14	8 5.4	5 4.1	1 2.8	0 0.8	0 0.4	0 0.2	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK	1.477 1.000	1.213	0.351 0.258	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8862	AB=D? 0.8548	AB=E? 0.8239	AB=F? 0.7912	AB=G? 0.7775	AB=H? 0.7741	AB=CD? 0.9222	AB=E-H? 0.8592	AB=FGH? HOMO. 0.8146 0.7399	TREND. 0.9055

TABLE 18-7 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	276	101	74	48	16	21	7	2	7		
	EXP.	108.2	77.3	50.1	16.2	13.2	5.1	2.4	3.6			
	OBS./EXP. RELATIVE RISK	0.933 1.000	0.958	0.958 1.016	0.988 1.047	1.595 1.690	1.371 1.453	0.848 0.899	1.948 2.064			
	TEST PROB.	AB=C? 0.4797	AB=D? 0.4625	AB=E? 0.0740	AB=F? 0.3212	AB=G? 0.5162	AB=H? 0.1332	AB=CD? 0.4673	AB=E-H? 0.0437	AB=FGH? 0.1619	HOMO, 0.2159	TREND, 0.0075
1950-54	OBS. EXP.	4	3 1.4	1 1.2	0 0.8	0 0.3	0 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK	2.221 1.000	0.826	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8719	AB=D? 0.8108	AB=E? 0.8010	AB=F? 0.7795	AB=G? 0.7704	AB=H? 0.7750	AB=CD? 0.8939	AB=E-H? 0.8313	AB=FGH? 0.8006	HOMO, 0.8155	TREND, 0.8244
1955-58	OBS. EXP.	9	1 3.8	3 2.5	2 1.7	0 0.5	2 0.3	0 0.1	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK	0.265 1.000	1.214	1.196 1.869	0.000 0.000	5.853 9.145	0.000 0.000	0.000 0.000	10.871 16.984			
	TEST PROB.	AB=C? 0.3732	AB=D? 0.7945	AB=E? 0.0616	AB=F? 0.7688	AB=G? 0.7643	AB=H? 0.2455	AB=CD? 0.3723	AB=E-H? 0.0304	AB=FGH? 0.2567	HOMO, 0.0056	TREND, 0.0020
1959-62	OBS. EXP.	36	10 14.3	9 10.1	8 6.6	4 2.2	4 1.6	0 0.6	1 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK	0.701 1.000	0.895	1.216 1.557	1.840 2.356	2.488 3.187	0.000 0.000	3.589 4.596	0.000 0.000	10.871 16.984		
	TEST PROB.	AB=C? 0.2675	AB=D? 0.1763	AB=E? 0.1068	AB=F? 0.8004	AB=G? 0.2636	AB=H? 0.7918	AB=CD? 0.1521	AB=E-H? 0.2034	AB=FGH? 0.4365	HOMO, 0.1982	TREND, 0.2259
1963-66	OBS. EXP.	45	14 18.1	14 12.5	7 8.3	4 2.5	2 2.0	3 0.7	0 0.3	1 0.6		
	OBS./EXP. RELATIVE RISK	0.772 1.000	1.123	0.847 0.925	1.579 1.725	1.001 1.093	4.064 4.440	0.000 0.000	1.811 1.978			
	TEST PROB.	AB=C? 0.5793	AB=D? 0.3551	AB=E? 0.4176	AB=F? 0.0833	AB=G? 0.7925	AB=H? 0.3136	AB=CD? 0.4674	AB=E-H? 0.2365	AB=FGH? 0.1628	HOMO, 0.1932	TREND, 0.0576
1967-70	OBS. EXP.	58	24 23.3	16 15.8	11 10.6	1 3.4	3 2.7	2 1.1	0 0.4	1 0.7		
	OBS./EXP. RELATIVE RISK	1.032 1.000	1.012	1.039 1.015	0.295 0.288	1.098 1.072	1.894 1.850	0.000 0.000	1.383 1.350			
	TEST PROB.	AB=C? 0.4704	AB=D? 0.8657	AB=E? 0.4640	AB=F? 0.4129	AB=G? 0.8052	AB=H? 0.3619	AB=CD? 0.6788	AB=E-H? 0.4361	AB=FGH? 0.4111	HOMO, 0.8700	TREND, 0.4277
1971-74	OBS. EXP.	55	23 21.1	11 15.3	12 10.2	3 3.4	5 2.8	0 1.1	0 0.5	1 0.7		
	OBS./EXP. RELATIVE RISK	1.091 1.000	0.721	1.178 1.259	0.894 0.956	1.787 1.909	0.000 0.000	0.000 0.000	1.416 1.513			
	TEST PROB.	AB=C? 0.3635	AB=D? 0.5545	AB=E? 0.2501	AB=F? 0.8471	AB=G? 0.8056	AB=H? 0.3394	AB=CD? 0.3976	AB=E-H? 0.4679	AB=FGH? 0.7736	HOMO, 0.6320	TREND, 0.4995
1975-78	OBS. EXP.	69	26 26.4	20 19.5	8 12.2	4 4.2	5 3.7	2 1.4	1 0.7	3 0.8		
	OBS./EXP. RELATIVE RISK	0.983 1.000	1.023	0.653 0.653	0.957 0.957	1.365 1.364	1.395 1.395	1.520 1.519	3.632 3.631			
	TEST PROB.	AB=C? 0.8220	AB=D? 0.5897	AB=E? 0.4523	AB=F? 0.3887	AB=G? 0.3553	AB=H? 0.1266	AB=CD? 0.7449	AB=E-H? 0.2130	AB=FGH? 0.2053	HOMO, 0.3133	TREND, 0.0099

TABLE 18-8 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	TOTAL	Y=65 TOTAL DOSE IN RAD									
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	183	55	51	40	11	14	5	6	1	
	EXP.	74.2	50.7	36.7	10.1	6.0	2.6	1.2	1.5		
	OBS./EXP. RELATIVE RISK	0.741 1.000	1.007	1.089 1.282	1.093 1.287	2.317 2.730	1.914 2.255	4.916 5.790	0.684 0.806		
	TEST PROB.	AB=C? 0.1927	AB=D? 0.3538	AB=E? 0.0110	AB=F? 0.1807	AB=G? 0.0020	AB=H? 0.6529	AB=CD? 0.1639	AB=E-H? 0.0011	AB=FGH? HOMO. 0.0201 0.0000	TREND. 0.0001
1950-54	OBS. EXP.	5 2.0	1 1.4	3 1.0	0 0.3	0 0.1	0 0.1	0 0.0	0 0.0	0 0.0	
	OBS./EXP. RELATIVE RISK	0.494 1.000	0.702	2.931 5.054	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.1720	AB=D? 0.7829	AB=E? 0.7717	AB=F? 0.7647	AB=G? 0.7625	AB=H? 0.7629	AB=CD? 0.2367	AB=E-H? 0.7802	AB=FGH? HOMO. 0.7694 0.6537	TREND. 0.6167
1955-58	OBS. EXP.	6 2.5	4 1.6	1 1.2	0 0.3	0 0.2	0 0.1	0 0.0	0 0.0	0 0.1	
	OBS./EXP. RELATIVE RISK	1.621 1.000	0.623	0.840 0.684	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.6861	AB=D? 0.8086	AB=E? 0.7962	AB=F? 0.7774	AB=G? 0.7691	AB=H? 0.7713	AB=CD? 0.7473	AB=E-H? 0.5227	AB=FGH? HOMO. 0.7944 0.9574	TREND. 0.7768
1959-62	OBS. EXP.	17 7.6	6 4.3	3 3.4	1 0.9	3 0.5	0 0.2	0 0.1	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK	0.793 1.000	0.931	0.893 1.059	1.097 1.302	6.393 7.586	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.4365	AB=D? 0.3730	AB=E? 0.0326	AB=F? 0.7827	AB=G? 0.7718	AB=H? 0.7736	AB=CD? 0.4223	AB=E-H? 0.1381	AB=FGH? HOMO. 0.8030 0.0428	TREND. 0.2233
1963-66	OBS. EXP.	25 11.0	7 6.5	8 5.0	2 1.3	1 0.7	0 0.3	1 0.1	0 0.2	0 0.2	
	OBS./EXP. RELATIVE RISK	0.634 1.000	0.927	1.602 2.159	1.570 2.115	1.536 2.069	0.000 0.000	7.584 10.216	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.1515	AB=D? 0.4315	AB=E? 0.3130	AB=F? 0.7873	AB=G? 0.2525	AB=H? 0.7760	AB=CD? 0.1285	AB=E-H? 0.4274	AB=FGH? HOMO. 0.3057 0.1806	TREND. 0.1818
1967-70	OBS. EXP.	37 14.1	7 10.9	12 7.5	3 2.1	0 1.3	2 0.6	1 0.3	0 0.3	0 0.3	
	OBS./EXP. RELATIVE RISK	0.497 1.000	1.103	1.592 2.091	1.440 1.892	0.000 0.000	3.386 4.448	3.747 4.923	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.0995	AB=D? 0.3779	AB=E? 0.8477	AB=F? 0.2171	AB=G? 0.2648	AB=H? 0.7860	AB=CD? 0.0866	AB=E-H? 0.4581	AB=FGH? HOMO. 0.1677 0.0499	TREND. 0.1593
1971-74	OBS. EXP.	41 16.1	14 11.8	7 8.2	2 2.3	5 1.4	0 0.6	2 0.3	0 0.3	0 0.3	
	OBS./EXP. RELATIVE RISK	0.871 1.000	0.935	0.856 0.953	0.866 0.964	3.493 3.889	0.000 0.000	7.036 7.832	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.5752	AB=D? 0.5540	AB=E? 0.0510	AB=F? 0.8173	AB=G? 0.0715	AB=H? 0.7930	AB=CD? 0.5660	AB=E-H? 0.0653	AB=FGH? HOMO. 0.3978 0.0039	TREND. 0.0484
1975-78	OBS. EXP.	52 21.3	16 14.4	6 10.2	3 2.8	5 1.8	3 0.8	2 0.4	1 0.4	1 0.4	
	OBS./EXP. RELATIVE RISK	0.753 1.000	1.112	0.590 0.657	1.071 1.193	2.737 3.048	3.962 4.413	5.506 6.133	2.244 2.499		
	TEST PROB.	AB=C? 0.7854	AB=D? 0.4110	AB=E? 0.0706	AB=F? 0.0751	AB=G? 0.0977	AB=H? 0.2879	AB=CD? 0.7212	AB=E-H? 0.0047	AB=FGH? HOMO. 0.0138 0.0011	TREND. 0.0001

TABLE 18-9 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	353	133	86	75	21	21	6	5	6	
TOTAL	EXP.		159.0	91.2	65.3	17.3	11.5	3.9	1.8	2.9	
	OBS./EXP.		0.836	0.943	1.148	1.211	1.827	1.543	2.736	2.062	
	RELATIVE RISK		1.000		1.312	1.384	2.087	1.763	3.126	2.356	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.0808	0.1801	0.0145	0.2244	0.0574	0.1085	0.0551	0.0012	0.0148	0.0009
	TREND.										0.0000
1950-54	OBS.	6	3	1	2	0	0	0	0	0	
	EXP.		2.8	1.5	1.1	0.3	0.2	0.1	0.0	0.0	
	OBS./EXP.		1.090	0.652	1.774	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK		1.000		1.902	0.000	0.000	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.3792	0.7947	0.7815	0.7678	0.7840	0.7658	0.3695	0.7955	0.7764	0.9833
	TREND.										0.6747
1955-58	OBS.	13	5	3	2	0	2	0	0	1	
	EXP.		5.8	3.4	2.4	0.7	0.4	0.1	0.1	0.1	
	OBS./EXP.		0.857	0.895	0.829	0.000	4.743	0.000	0.000	9.227	
	RELATIVE RISK		1.000		0.952	0.000	5.446	0.000	0.000	10.594	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.5728	0.8186	0.1538	0.7753	0.7679	0.2509	0.6779	0.1021	0.2757	0.0452
	TREND.										0.0087
1959-62	OBS.	44	15	11	10	4	4	0	0	0	
	EXP.		19.8	11.3	8.1	2.3	1.4	0.5	0.2	0.3	
	OBS./EXP.		0.758	0.969	1.230	1.755	2.833	0.000	0.000	0.000	
	RELATIVE RISK		1.000		1.474	2.103	3.393	0.000	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.2770	0.2377	0.0892	0.8003	0.7808	0.7903	0.1826	0.2795	0.8366	0.2753
	TREND.										0.4321
1963-66	OBS.	59	20	14	15	4	3	2	1	0	
	EXP.		26.7	15.2	10.9	2.9	1.9	0.7	0.3	0.5	
	OBS./EXP.		0.749	0.924	1.373	1.336	1.575	3.032	3.545	0.000	
	RELATIVE RISK		1.000		1.691	1.707	1.940	3.733	4.365	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.1388	0.3313	0.3479	0.2291	0.2682	0.8001	0.1148	0.1501	0.2294	0.2258
	TREND.										0.0914
1967-70	OBS.	71	28	16	18	4	1	2	1	1	
	EXP.		32.1	18.1	13.3	3.5	2.4	0.8	0.3	0.6	
	OBS./EXP.		0.873	0.882	1.358	1.148	0.425	2.505	3.022	1.715	
	RELATIVE RISK		1.000		1.550	1.310	0.485	2.858	3.448	1.957	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.1542	0.4551	0.7727	0.3051	0.2735	0.3137	0.1561	0.4081	0.1443	0.4508
	TREND.										0.0789
1971-74	OBS.	69	30	14	14	4	4	0	2	1	
	EXP.		31.1	17.7	13.0	3.4	2.2	0.8	0.3	0.5	
	OBS./EXP.		0.966	0.790	1.077	1.184	1.817	0.000	6.002	1.829	
	RELATIVE RISK		1.000		1.194	1.313	2.015	0.000	6.655	2.028	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.3908	0.4492	0.2542	0.8219	0.0849	0.3074	0.3506	0.1513	0.3167	0.1015
	TREND.										0.0255
1975-78	OBS.	91	32	27	14	5	7	2	1	3	
	EXP.		40.7	23.9	16.9	4.3	3.0	1.0	0.5	0.7	
	OBS./EXP.		0.785	1.129	0.829	1.153	2.330	2.095	2.156	4.334	
	RELATIVE RISK		1.000		0.909	1.263	2.553	2.296	2.363	4.749	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.6276	0.4428	0.0636	0.3874	0.2957	0.0551	0.5497	0.0099	0.0427	0.0134
	TREND.										0.0001

TABLE 18-10 MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS, AND LUNG

TABLE 18-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	106	23	39	13	6	14	6	3	2		
	EXP.		23.4	36.7	21.5	8.9	7.7	3.8	1.8	2.1		
	OBS./EXP. RELATIVE RISK		0.982 1.000	1.062	0.605 0.587	0.672 0.652	1.815 1.760	1.567 1.520	1.713 1.662	0.932 0.904		
	TEST PROB.	AB=C? 0.9111	AB=D? 0.7988	AB=E? 0.1036	AB=F? 0.2986	AB=G? 0.4043	AB=H? 0.5955	AB=CD? 0.9252	AB=E-H? 0.0960	AB=FGH? 0.2771	HOMO. 0.1070	TREND. 0.0684
1950-54	OBS. EXP.	3	1 0.6	1 1.1	1 0.7	0 0.2	0 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		1.611 1.000	0.908	1.464 1.260	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3725	AB=D? 0.8024	AB=E? 0.7951	AB=F? 0.7777	AB=G? 0.7695	AB=H? 0.7733	AB=CD? 0.5715	AB=E-H? 0.8242	AB=FGH? 0.7968	HOMO. 0.9950	TREND. 0.7382
1955-58	OBS. EXP.	2	0 0.4	1 0.7	1 0.4	0 0.2	0 0.1	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.382	2.225 2.530	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2910	AB=D? 0.7865	AB=E? 0.7856	AB=F? 0.7736	AB=G? 0.7668	AB=H? 0.7681	AB=CD? 0.3135	AB=E-H? 0.8078	AB=FGH? 0.7864	HOMO. 0.9783	TREND. 0.6850
1959-62	OBS. EXP.	9	1 2.0	2 3.0	1 1.8	1 0.8	3 0.7	0 0.3	1 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK		0.489 1.000	0.665	0.552 0.930	1.239 2.088	4.514 7.606	0.000 0.000	6.813 11.431	0.000 0.000		
	TEST PROB.	AB=C? 0.5714	AB=D? 0.3028	AB=E? 0.0508	AB=F? 0.7846	AB=G? 0.2497	AB=H? 0.7766	AB=CD? 0.3779	AB=E-H? 0.0879	AB=FGH? 0.2911	HOMO. 0.0359	TREND. 0.0607
1963-66	OBS. EXP.	11	1 2.4	6 3.8	0 2.3	2 0.9	0 0.7	1 0.4	0 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK		0.408 1.000	1.585	0.000 0.000	2.170 1.932	0.000 0.000	2.747 2.447	0.000 0.000	4.316 3.844		
	TEST PROB.	AB=C? 0.9214	AB=D? 0.3946	AB=E? 0.8371	AB=F? 0.2910	AB=G? 0.7824	AB=H? 0.2698	AB=CD? 0.7679	AB=E-H? 0.3897	AB=FGH? 0.4310	HOMO. 0.1702	TREND. 0.1063
1967-70	OBS. EXP.	24	3 5.3	12 8.5	5 4.9	0 2.0	2 1.6	2 0.8	0 0.4	0 0.4		
	OBS./EXP. RELATIVE RISK		0.568 1.000	1.404	1.026 0.945	0.000 0.000	1.221 1.125	2.358 2.174	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5758	AB=D? 0.9015	AB=E? 0.4211	AB=F? 0.4351	AB=G? 0.8013	AB=H? 0.8074	AB=CD? 0.7575	AB=E-H? 0.4257	AB=FGH? 0.4096	HOMO. 0.4391	TREND. 0.6154
1971-74	OBS. EXP.	27	7 6.1	8 9.3	5 5.4	1 2.3	6 2.0	0 1.0	0 0.4	0 0.5		
	OBS./EXP. RELATIVE RISK		1.149 1.000	0.862	0.932 0.955	0.438 0.448	2.957 3.031	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5613	AB=D? 0.7822	AB=E? 0.0695	AB=F? 0.8433	AB=G? 0.8046	AB=H? 0.8091	AB=CD? 0.6744	AB=E-H? 0.3216	AB=FGH? 0.8908	HOMO. 0.1463	TREND. 0.6270
1975-78	OBS. EXP.	30	10 7.0	9 10.0	0 5.5	2 2.6	3 2.5	3 1.2	2 0.6	1 0.6		
	OBS./EXP. RELATIVE RISK		1.436 1.000	0.900	0.000 0.000	0.757 0.676	1.206 1.077	2.427 2.167	3.587 3.204	1.726 1.541		
	TEST PROB.	AB=C? 0.9740	AB=D? 0.7108	AB=E? 0.4271	AB=F? 0.2865	AB=G? 0.2639	AB=H? 0.3350	AB=CD? 0.9595	AB=E-H? 0.2319	AB=FGH? 0.1399	HOMO. 0.0528	TREND. 0.0272

TABLE 19-1 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-1

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	128	44	29	26	8	14	2	0	5		
	EXP.	51.0	35.7	25.1	7.1	4.8	2.1	1.0	1.2			
	OBS./EXP. RELATIVE RISK	0.862 1.000	0.813 1.000	1.035 1.229	1.130 1.341	2.937 3.487	0.960 1.140	0.000 0.000	4.107 4.877			
	TEST PROB.	AB=C? 0.2959	AB=0? 0.3399	AB=E? 0.0008	AB=F? 0.3866	AB=G? 0.9299	AB=H? 0.0088	AB=C0? 0.2451	AB=E-H? 0.0012	AB=FGH? 0.1248	HOMO. 0.0000	TREND. 0.0001
1950-54	OBS. TOTAL	15	4	5	4	0	2	0	0	0		
	EXP.	5.5	4.4	3.1	0.9	0.6	0.3	0.1	0.2			
	OBS./EXP. RELATIVE RISK	0.733 1.000	1.124 1.000	1.277 1.405	0.000 0.000	3.504 3.855	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.4413	AB=0? 0.8333	AB=E? 0.2415	AB=F? 0.7887	AB=G? 0.7741	AB=H? 0.7782	AB=C0? 0.4230	AB=E-H? 0.4139	AB=FGH? 0.8136	HOMO. 0.5720	TREND. 0.5073
1955-58	OBS. TOTAL	13	4	4	3	0	2	0	0	0		
	EXP.	5.3	3.6	2.7	0.7	0.4	0.2	0.1	0.1			
	OBS./EXP. RELATIVE RISK	0.748 1.000	1.120 1.000	1.121 1.249	0.000 0.000	5.247 5.249	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.3994	AB=0? 0.8234	AB=E? 0.1488	AB=F? 0.7768	AB=G? 0.7684	AB=H? 0.7699	AB=C0? 0.4729	AB=E-H? 0.3186	AB=FGH? 0.7922	HOMO. 0.3006	TREND. 0.3817
1959-62	OBS. TOTAL	19	7	6	5	0	1	0	0	0		
	EXP.	6.9	5.6	4.0	1.1	0.7	0.3	0.2	0.2			
	OBS./EXP. RELATIVE RISK	1.008 1.000	1.065 1.000	1.254 1.213	0.000 0.000	1.426 1.380	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.4253	AB=0? 0.8528	AB=E? 0.3417	AB=F? 0.7930	AB=G? 0.7769	AB=H? 0.7800	AB=C0? 0.5767	AB=E-H? 0.6405	AB=FGH? 0.8206	HOMO. 0.9509	TREND. 0.7706
1963-66	OBS. TOTAL	19	9	3	1	3	2	0	0	1		
	EXP.	8.2	4.9	3.7	1.0	1.0	0.6	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.095 1.000	0.613 1.000	0.270 0.296	2.954 3.227	3.168 3.462	0.000 0.000	0.000 0.000	6.671 7.289			
	TEST PROB.	AB=C? 0.8603	AB=0? 0.1634	AB=E? 0.1875	AB=F? 0.7799	AB=G? 0.7701	AB=H? 0.2520	AB=C0? 0.5888	AB=E-H? 0.1383	AB=FGH? 0.2874	HOMO. 0.0374	TREND. 0.0169
1967-70	OBS. TOTAL	20	3	3	6	3	2	1	0	2		
	EXP.	7.9	5.5	3.8	1.1	0.9	0.4	0.2	0.2			
	OBS./EXP. RELATIVE RISK	0.378 1.000	0.544 1.000	1.598 3.583	2.700 6.055	2.283 5.119	2.531 5.676	0.000 0.000	9.402 21.081			
	TEST PROB.	AB=C? 0.0803	AB=0? 0.0627	AB=E? 0.1555	AB=F? 0.2538	AB=G? 0.7696	AB=H? 0.0062	AB=C0? 0.0303	AB=E-H? 0.0112	AB=FGH? 0.0191	HOMO. 0.0003	TREND. 0.0000
1971-74	OBS. TOTAL	17	8	5	2	1	1	0	0	0		
	EXP.	6.8	4.8	3.3	0.9	0.6	0.3	0.1	0.2			
	OBS./EXP. RELATIVE RISK	1.185 1.000	1.045 1.000	0.609 0.541	1.081 0.959	1.540 1.367	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.7827	AB=0? 0.5378	AB=E? 0.3793	AB=F? 0.7947	AB=G? 0.7794	AB=H? 0.7841	AB=C0? 0.7505	AB=E-H? 0.7053	AB=FGH? 0.8268	HOMO. 0.9801	TREND. 0.7330
1975-78	OBS. TOTAL	25	9	3	5	1	4	1	0	2		
	EXP.	10.4	6.5	4.6	1.3	1.0	0.4	0.2	0.3			
	OBS./EXP. RELATIVE RISK	0.865 1.000	0.442 1.000	1.079 1.546	0.759 1.087	4.181 5.991	2.487 3.564	0.000 0.000	7.665 10.984			
	TEST PROB.	AB=C? 0.3681	AB=0? 0.4161	AB=E? 0.0259	AB=F? 0.2666	AB=G? 0.7777	AB=H? 0.0236	AB=C0? 0.3886	AB=E-H? 0.0056	AB=FGH? 0.0511	HOMO. 0.0008	TREND. 0.0000

TABLE 19-2 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-2

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1	0	1	0	0	0	0	0	0		
	EXP.		0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	3.686	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8059	AB=D? 0.7719	AB=E? 0.7667	AB=F? 0.7629	AB=G? 0.7614	AB=H? 0.7618	AB=CD? 0.8144	AB=E-H? 0.7718	AB=FGH? 0.7656	HOMO, 0.9125	TREND, 0.6060
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1967-70	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1971-74	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1975-78	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK		0.000 1.000	3.686	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
	TEST PROB.	AB=C? 0.8059	AB=D? 0.7719	AB=E? 0.7666	AB=F? 0.7629	AB=G? 0.7614	AB=H? 0.7618	AB=CD? 0.8144	AB=E-H? 0.7716	AB=FGH? 0.7655	HOMO, 0.9124	TREND, 0.6057

TABLE 19-3 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-3

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS, TOTAL	24	8	0	6	3	4	1	0	2		
	EXP.		9.9	6.4	4.2	1.3	1.2	0.5	0.3	0.3		
	OBS./EXP. RELATIVE RISK		0.807 1.000	0.000	1.431 2.916	2.370 4.829	3.401 6.929	1.898 3.867	0.000 0.000	7.629 15.543		
	TEST PROB.	AB=C? 0.1112	AB=D? 0.0708	AB=E? 0.0117	AB=F? 0.2564	AB=G? 0.7745	AB=H? 0.0070	AB=CD? 0.0473	AB=E-H? 0.0019	AB=FGH? 0.0222	HOMO, 0.0001	TREND, 0.0000
1950-54	OBS, TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1955-58	OBS, TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1959-62	OBS, TOTAL	1	0	0	1	0	0	0	0	0		
	EXP.		0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000	5.604 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO, 0.7082	TREND, 0.5490
1963-66	OBS, TOTAL	1	0	0	1	0	0	0	0	0		
	EXP.		0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000	6.147 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO, 0.6421	TREND, 0.5719
1967-70	OBS, TOTAL	8	0	0	3	3	0	1	0	1		
	EXP.		3.2	2.2	1.4	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000	0.000	2.158 X	6.896 X	0.000 X	5.288 X	0.000 X	11.104 X		
	TEST PROB.	AB=C? 0.0346	AB=D? 0.0005	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? 0.2398	AB=CD? 0.0050	AB=E-H? 0.0139	AB=FGH? 0.0007	HOMO, 0.0000	TREND, 0.0002
1971-74	OBS, TOTAL	4	3	0	0	0	1	0	0	0		
	EXP.		1.6	1.1	0.7	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.859 1.000	0.000	0.000 0.000	0.000 0.000	4.818 4.329	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8410	AB=D? 0.7855	AB=E? 0.2647	AB=F? 0.7679	AB=G? 0.7667	AB=H? 0.7660	AB=CD? 0.8553	AB=E-H? 0.2938	AB=FGH? 0.7792	HOMO, 0.4937	TREND, 0.4492
1975-78	OBS, TOTAL	10	5	0	1	0	3	0	0	1		
	EXP.		4.4	2.6	1.8	0.5	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.136 1.000	0.000	0.571 0.797	0.000 0.000	7.449 10.398	0.000 0.000	0.000 0.000	10.089 14.083		
	TEST PROB.	AB=C? 0.6346	AB=D? 0.7968	AB=E? 0.0168	AB=F? 0.7714	AB=G? 0.7697	AB=H? 0.2470	AB=CD? 0.7004	AB=E-H? 0.0234	AB=FGH? 0.2670	HOMO, 0.0002	TREND, 0.0010

TABLE 19-4 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-4

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	35	10	8	6	3	4	1	0	3		
	EXP.		12.6	10.5	6.7	2.1	1.5	0.7	0.4	0.5		
	OBS./EXP. RELATIVE RISK		0.792 1.000	0.765	0.891 1.143	1.418 1.820	2.630 3.374	1.452 1.863	0.000 0.000	6.222 7.983		
	TEST PROB.	AB=C? 0.4329	AB=D? 0.3891	AB=E? 0.0954	AB=F? 0.3069	AB=G? 0.7897	AB=H? 0.0133	AB=CD? 0.3970	AB=E-H? 0.0224	AB=FGH? 0.0824	HOMO. 0.0068	TREND. 0.0002
1950-54	OBS. EXP.	3	0 0.8	1 1.0	1 0.6	0 0.2	1 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	0.990	1.662 3.066	0.000 0.000	5.840 10.773	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2868	AB=D? 0.7865	AB=E? 0.2468	AB=F? 0.7738	AB=G? 0.7668	AB=H? 0.7684	AB=CD? 0.3081	AB=E-H? 0.2550	AB=FGH? 0.7869	HOMO. 0.5856	TREND. 0.3234
1955-58	OBS. EXP.	1	0 0.4	1 0.3	0 0.2	0 0.1	0 0.0	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	3.863	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5085	AB=D? 0.7760	AB=E? 0.7688	AB=F? 0.7636	AB=G? 0.7623	AB=H? 0.7635	AB=CD? 0.8199	AB=E-H? 0.7768	AB=FGH? 0.7688	HOMO. 0.8974	TREND. 0.6251
1959-62	OBS. EXP.	3	1 0.8	1 1.0	1 0.6	0 0.2	0 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		1.194 1.000	0.990	1.670 1.542	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3386	AB=D? 0.7915	AB=E? 0.7874	AB=F? 0.7743	AB=G? 0.7673	AB=H? 0.7687	AB=CD? 0.4015	AB=E-H? 0.8100	AB=FGH? 0.7878	HOMO. 0.9967	TREND. 0.7253
1963-66	OBS. EXP.	5	1 2.0	1 1.4	0 0.9	2 0.3	0 0.2	0 0.1	0 0.0	1 0.1		
	OBS./EXP. RELATIVE RISK		0.503 1.000	0.710	0.000 0.000	6.932 11.766	0.000 0.000	0.000 0.000	0.000 0.000	16.193 27.486		
	TEST PROB.	AB=C? 0.8275	AB=D? 0.0849	AB=E? 0.7728	AB=F? 0.7652	AB=G? 0.7633	AB=H? 0.2430	AB=CD? 0.4110	AB=E-H? 0.2582	AB=FGH? 0.2486	HOMO. 0.0004	TREND. 0.0009
1967-70	OBS. EXP.	6	1 1.9	2 1.9	0 1.2	0 0.4	2 0.3	0 0.1	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK		0.518 1.000	1.051	0.000 0.000	0.000 0.000	6.579 8.403	0.000 0.000	0.000 0.000	11.092 14.168		
	TEST PROB.	AB=C? 0.8520	AB=D? 0.7967	AB=E? 0.0933	AB=F? 0.7752	AB=G? 0.7680	AB=H? 0.2476	AB=CD? 0.8709	AB=E-H? 0.0888	AB=FGH? 0.2677	HOMO. 0.0036	TREND. 0.0012
1971-74	OBS. EXP.	6	3 2.4	2 1.7	1 1.1	0 0.3	0 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		1.228 1.000	1.197	0.888 0.731	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.6683	AB=D? 0.3083	AB=E? 0.7954	AB=F? 0.7774	AB=G? 0.7695	AB=H? 0.7722	AB=CD? 0.7358	AB=E-H? 0.8227	AB=FGH? 0.7952	HOMO. 0.9950	TREND. 0.7686
1975-78	OBS. EXP.	11	4 4.2	0 3.2	3 2.1	1 0.6	1 0.4	1 0.2	0 0.1	1 0.1		
	OBS./EXP. RELATIVE RISK		0.958 1.000	0.000	1.428 2.634	1.568 2.893	2.243 4.137	5.196 9.586	0.000 0.000	7.137 13.258		
	TEST PROB.	AB=C? 0.2875	AB=D? 0.2882	AB=E? 0.2742	AB=F? 0.2489	AB=G? 0.7688	AB=H? 0.2475	AB=CD? 0.2422	AB=E-H? 0.0749	AB=FGH? 0.0692	HOMO. 0.0638	TREND. 0.0024

TABLE 19-5 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-5

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	45	16	15	10	1	3	0	0	0		
	EXP.		19.0	11.7	9.3	2.4	1.4	0.6	0.3	0.4		
	OBS./EXP. RELATIVE RISK		0.841 1.000	1.284	1.079 1.069	0.422 0.418	2.081 2.061	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4482	AB=D? 0.8026	AB=E? 0.3291	AB=F? 0.8204	AB=G? 0.7915	AB=H? 0.8006	AB=CD? 0.5926	AB=E-H? 0.4350	AB=FGH? 0.8644	HOMO, 0.6353	TREND, 0.7413
1950-54	OBS. TOTAL	9	3	3	3	0	0	0	0	0		
	EXP.		3.5	2.5	1.9	0.5	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.852 1.000	1.198	1.580 1.584	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4189	AB=D? 0.8137	AB=E? 0.7993	AB=F? 0.7801	AB=G? 0.7695	AB=H? 0.7731	AB=CD? 0.3974	AB=E-H? 0.8290	AB=FGH? 0.7987	HOMO, 0.9655	TREND, 0.7656
1955-58	OBS. TOTAL	6	2	2	2	0	0	0	0	0		
	EXP.		2.7	1.4	1.2	0.3	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.739 1.000	1.386	1.649 1.711	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3705	AB=D? 0.7966	AB=E? 0.7825	AB=F? 0.7689	AB=G? 0.7646	AB=H? 0.7658	AB=CD? 0.3755	AB=E-H? 0.7979	AB=FGH? 0.7781	HOMO, 0.9806	TREND, 0.7032
1959-62	OBS. TOTAL	10	5	3	1	0	1	0	0	0		
	EXP.		4.2	2.6	2.1	0.5	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.178 1.000	1.165	0.486 0.414	0.000 0.000	3.105 2.647	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5012	AB=D? 0.8225	AB=E? 0.2892	AB=F? 0.7792	AB=G? 0.7697	AB=H? 0.7726	AB=CD? 0.8447	AB=E-H? 0.3507	AB=FGH? 0.7977	HOMO, 0.8870	TREND, 0.6119
1963-66	OBS. TOTAL	8	3	2	0	1	2	0	0	0		
	EXP.		3.6	1.9	1.6	0.4	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		0.828 1.000	1.039	0.000 0.000	2.439 2.705	8.343 9.254	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8794	AB=D? 0.2872	AB=E? 0.0697	AB=F? 0.7705	AB=G? 0.7654	AB=H? 0.7667	AB=CD? 0.7398	AB=E-H? 0.1853	AB=FGH? 0.7811	HOMO, 0.0281	TREND, 0.1751
1967-70	OBS. TOTAL	4	1	1	2	0	0	0	0	0		
	EXP.		1.8	1.0	0.8	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.551 1.000	1.041	2.481 3.445	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3894	AB=D? 0.7827	AB=E? 0.7238	AB=F? 0.7655	AB=G? 0.7628	AB=H? 0.7634	AB=CD? 0.4207	AB=E-H? 0.7836	AB=FGH? 0.7709	HOMO, 0.9230	TREND, 0.6320
1971-74	OBS. TOTAL	5	2	2	1	0	0	0	0	0		
	EXP.		1.7	1.5	1.1	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.150 1.000	1.301	0.930 0.761	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.6563	AB=D? 0.8023	AB=E? 0.7923	AB=F? 0.7778	AB=G? 0.7678	AB=H? 0.7714	AB=CD? 0.7175	AB=E-H? 0.8193	AB=FGH? 0.7938	HOMO, 0.9970	TREND, 0.7611
1975-78	OBS. TOTAL	3	0	2	1	0	0	0	0	0		
	EXP.		1.4	0.7	0.6	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	2.721	1.666 1.749	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3218	AB=D? 0.7823	AB=E? 0.7732	AB=F? 0.7650	AB=G? 0.7625	AB=H? 0.7630	AB=CD? 0.3532	AB=E-H? 0.7820	AB=FGH? 0.7698	HOMO, 0.7671	TREND, 0.6413

TABLE 19-6 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-6

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR CLASS	TOTAL	T-65 TOTAL DOSE IN RAD								TREND.
		A	B	C	D	E	F	G	H	
1950-78 TOTAL	23	10 9.0	5 6.9	4 4.7	1 1.3	3 0.6	0 0.3	0 0.1	0 0.1	
OBS./EXP. RELATIVE RISK		1.112 1.000	0.729	0.842 0.890	0.773 0.817	4.943 5.223	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.6008	AB=D? 0.6054	AB=E? 0.0559	AB=F? 0.7850	AB=G? 0.7715	AB=H? 0.7705	AB=CD? 0.6091	AB=E-H? 0.1942	AB=FGH? 0.8025	HOMO. 0.1502
1950-54 TOTAL	3	1 1.1	1 0.9	0 0.6	0 0.2	1 0.1	0 0.0	0 0.0	0 0.0	
OBS./EXP. RELATIVE RISK		0.908 1.000	1.071	0.000 0.000	0.000 0.000	11.356 11.555	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.8278	AB=D? 0.7826	AB=E? 0.2487	AB=F? 0.7639	AB=G? 0.7620	AB=H? 0.7621	AB=CD? 0.8418	AB=E-H? 0.2564	AB=FGH? 0.7674	HOMO. 0.1685
1955-58 TOTAL	6	2 2.2	1 1.9	1 1.3	0 0.3	2 0.2	0 0.1	0 0.0	0 0.0	
OBS./EXP. RELATIVE RISK		0.912 1.000	0.535	0.781 1.058	0.000 0.000	11.653 15.781	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.4174	AB=D? 0.7950	AB=E? 0.0363	AB=F? 0.7694	AB=G? 0.7641	AB=H? 0.7639	AB=CD? 0.6118	AB=E-H? 0.1184	AB=FGH? 0.7763	HOMO. 0.0046
1959-62 TOTAL	5	1 1.4	2 1.8	2 1.2	0 0.3	0 0.2	0 0.1	0 0.0	0 0.0	
OBS./EXP. RELATIVE RISK		0.716 1.000	1.110	1.737 1.851	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.3674	AB=D? 0.7958	AB=E? 0.7791	AB=F? 0.7698	AB=G? 0.7647	AB=H? 0.7638	AB=CD? 0.3682	AB=E-H? 0.7938	AB=FGH? 0.7772	HOMO. 0.9849
1963-66 TOTAL	5	5 2.4	0 1.2	0 1.0	0 0.2	0 0.1	0 0.0	0 0.0	0 0.0	
OBS./EXP. RELATIVE RISK		2.091 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.5738	AB=D? 0.7978	AB=E? 0.7770	AB=F? 0.7687	AB=G? 0.7637	AB=H? 0.7634	AB=CD? 0.8000	AB=E-H? 0.7900	AB=FGH? 0.7748	HOMO. 0.6041
1967-70 TOTAL	2	1 1.0	0 0.5	1 0.4	0 0.1	0 0.0	0 0.0	0 0.0	0 0.0	
OBS./EXP. RELATIVE RISK		1.029 1.000	0.000	2.624 3.833	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.2716	AB=D? 0.7734	AB=E? 0.7657	AB=F? 0.7630	AB=G? 0.7612	AB=H? 0.7611	AB=CD? 0.2804	AB=E-H? 0.7699	AB=FGH? 0.7647	HOMO. 0.9765
1971-74 TOTAL	2	0 1.0	1 0.5	0 0.4	1 0.1	0 0.0	0 0.0	0 0.0	0 0.0	
OBS./EXP. RELATIVE RISK		0.000 1.000	2.018	0.000 0.000	10.642 15.453	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
TEST PROB.	AB=C? 0.8094	AB=D? 0.2470	AB=E? 0.7661	AB=F? 0.7629	AB=G? 0.7610	AB=H? 0.7610	AB=CD? 0.2816	AB=E-H? 0.7700	AB=FGH? 0.7643	HOMO. 0.1541
1975-78 TOTAL	0	0	0	0	0	0	0	0	0	
OBS./EXP. RELATIVE R										
TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X

TABLE 19-7 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-7

HIROSHIMA, FEMALE, ALL AGES

YEAR CLASS	OBS. TOTAL	CLASS	1-65 TOTAL DOSE IN RAD								
			TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	100	39 45.7	22 24.8	20 19.1	5 5.0	8 2.8	2 1.1	0 0.6	4 0.8	
	OBS./EXP. RELATIVE RISK		0.853 1.000	0.887 1.000	1.045 1.208	0.993 1.148	2.828 3.270	1.853 2.142	0.000 0.000	5.299 6.126	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.3465	0.4320	0.0151	0.4228	0.8086	0.0077	0.3355	0.0037	0.0592	0.0005 0.0000
1950-54	OBS. TOTAL	10	4 4.5	2 2.4	3 2.0	0 0.5	1 0.3	0 0.1	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK		0.879 1.000	0.820 1.000	1.515 1.765	0.000 0.000	3.583 4.175	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.4922	0.8085	0.2675	0.7711	0.7658	0.7668	0.3974	0.2951	0.7821	0.8574 0.5055
1955-58	OBS. TOTAL	11	4 5.0	3 2.7	3 2.2	0 0.6	1 0.3	0 0.1	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK		0.793 1.000	1.111 1.000	1.385 1.532	0.000 0.000	3.466 3.834	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.4152	0.8141	0.2712	0.7726	0.7667	0.7684	0.4027	0.3027	0.7856	0.8728 0.5210
1959-62	OBS. TOTAL	13	6 5.9	4 3.2	2 2.6	0 0.7	1 0.4	0 0.1	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK		1.014 1.000	1.263 1.000	0.778 0.707	0.000 0.000	2.678 2.432	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.6934	0.8300	0.2924	0.7774	0.7694	0.7714	0.7672	0.3559	0.7949	0.9362 0.6438
1963-66	OBS. TOTAL	17	9 7.8	3 4.2	0 3.3	2 0.9	2 0.4	0 0.2	0 0.1	1 0.1	
	OBS./EXP. RELATIVE RISK		1.153 1.000	0.718 1.000	0.000 0.000	2.329 2.325	4.449 4.443	0.000 0.000	0.000 0.000	8.751 8.738	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.9354	0.4174	0.1875	0.7799	0.7701	0.2520	0.8126	0.1383	0.2874	0.0126 0.0067
1967-70	OBS. TOTAL	15	3 6.9	2 3.7	5 2.8	2 0.7	1 0.4	1 0.2	0 0.1	1 0.1	
	OBS./EXP. RELATIVE RISK		0.434 1.000	0.539 1.000	1.783 3.789	2.756 5.856	2.274 4.831	5.852 12.436	0.000 0.000	8.193 17.409	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.1023	0.1400	0.2625	0.2484	0.7652	0.2457	0.0520	0.0358	0.0486	0.0114 0.0003
1971-74	OBS. TOTAL	13	5 6.0	5 3.3	2 2.4	1 0.6	0 0.4	0 0.1	0 0.1	0 0.1	
	OBS./EXP. RELATIVE RISK		0.839 1.000	1.532 1.000	0.820 0.756	1.548 1.427	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.6698	0.3478	0.8027	0.7779	0.7718	0.7739	0.6018	0.8325	0.7994	0.9575 0.7415
1975-78	OBS. TOTAL	21	8 9.6	3 5.3	5 3.8	0 1.0	2 0.6	1 0.2	0 0.2	2 0.2	
	OBS./EXP. RELATIVE RISK		0.832 1.000	0.564 1.000	1.302 1.768	0.000 0.000	3.184 4.323	4.313 5.856	0.000 0.000	10.840 14.719	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND.
		0.3144	0.5289	0.2045	0.2596	0.7740	0.0120	0.4595	0.0146	0.0274	0.0005 0.0000

TABLE 19-8 MALIGNANT NEOPLASMS OF BREAST

TABLE 19-3

NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	28	5	7	6	3	6	0	0	1		
	EXP.		5.3	10.9	6.0	2.0	1.9	1.0	0.4	0.5		
	OBS./EXP. RELATIVE RISK		0.944 1.000	0.644	1.003 1.350	1.467 1.976	3.094 4.166	0.000 0.000	0.000 0.000	2.163 2.912		
	TEST PROB.	AB=C? 0.4611	AB=D? 0.3374	AB=E? 0.0200	AB=F? 0.8214	AB=G? 0.7914	AB=H? 0.2865	AB=CD? 0.3190	AB=E-H? 0.1012	AB=FGH? 0.6529	HOMO. 0.0870	TREND. 0.1240
1950-54	OBS. TOTAL	5	0	3	1	0	1	0	0	0		
	EXP.		0.9	2.0	1.2	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.494	0.868 0.843	0.000 0.000	3.427 3.328	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.6114	AB=D? 0.3025	AB=E? 0.2742	AB=F? 0.7820	AB=G? 0.7703	AB=H? 0.7739	AB=CD? 0.6932	AB=E-H? 0.3217	AB=FGH? 0.8018	HOMO. 0.8048	TREND. 0.5235
1955-58	OBS. TOTAL	2	0	1	0	0	1	0	0	0		
	EXP.		0.3	0.9	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.148	0.000 0.000	0.000 0.000	10.786 12.694	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3331	AB=D? 0.7846	AB=E? 0.2486	AB=F? 0.7681	AB=G? 0.7635	AB=H? 0.7633	AB=CD? 0.8478	AB=E-H? 0.2565	AB=FGH? 0.7741	HOMO. 0.1922	TREND. 0.2338
1959-62	OBS. TOTAL	6	1	2	3	0	0	0	0	0		
	EXP.		1.0	2.5	1.4	0.4	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.973 1.000	0.811	2.117 2.465	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3538	AB=D? 0.8055	AB=E? 0.7975	AB=F? 0.7810	AB=G? 0.7701	AB=H? 0.7716	AB=CD? 0.4364	AB=E-H? 0.8276	AB=FGH? 0.7988	HOMO. 0.8886	TREND. 0.7773
1963-66	OBS. TOTAL	2	0	0	1	1	0	0	0	0		
	EXP.		0.4	0.7	0.4	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	2.699 X	6.377 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? 0.2398	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2246	AB=E-H? X	AB=FGH? X	HOMO. 0.4207	TREND. 0.5044
1967-70	OBS. TOTAL	5	0	1	1	1	1	0	0	1		
	EXP.		1.0	1.8	1.0	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	0.554	1.052 2.975	2.596 7.342	2.292 6.484	0.000 0.000	0.000 0.000	11.030 31.198		
	TEST PROB.	AB=C? 0.2808	AB=D? 0.2557	AB=E? 0.2545	AB=F? 0.7739	AB=G? 0.7670	AB=H? 0.2436	AB=CD? 0.4129	AB=E-H? 0.2318	AB=FGH? 0.2550	HOMO. 0.0845	TREND. 0.0061
1971-74	OBS. TOTAL	4	3	0	0	0	1	0	0	0		
	EXP.		0.8	1.5	0.8	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		3.785 1.000	0.000	0.000 0.000	0.000 0.000	3.526 2.718	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8706	AB=D? 0.8028	AB=E? 0.2855	AB=F? 0.7826	AB=G? 0.7704	AB=H? 0.7738	AB=CD? 0.8897	AB=E-H? 0.3548	AB=FGH? 0.3022	HOMO. 0.1406	TREND. 0.5637
1975-78	OBS. TOTAL	4	1	0	0	1	2	0	0	0		
	EXP.		0.8	1.5	0.8	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.254 1.000	0.000	0.000 0.000	3.335 0.000	6.087 13.759	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8247	AB=D? 0.2545	AB=E? 0.1147	AB=F? 0.7742	AB=G? 0.7673	AB=H? 0.7679	AB=CD? 0.3083	AB=E-H? 0.2614	AB=FGH? 0.7872	HOMO. 0.0745	TREND. 0.1828

TABLE 20-1 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-1

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	A	B	C	D	E	F	G	H		
1950-78	OBS.	332	114	108	74	13	14	2	2	5		
	EXP.		135.2	91.3	65.9	18.2	11.3	4.9	2.3	2.9		
	OBS./EXP.		0.843	1.183	1.122	0.714	1.242	0.406	0.873	1.720		
	RELATIVE RISK		1.000		1.145	0.728	1.267	0.414	0.891	1.754		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.2624	0.8180	0.3761	0.8700	0.6254	0.2773	0.4657	0.4813	0.6514	0.0707	TREND, 0.3169
1950-54	OBS.	56	14	17	17	4	2	0	0	2		
	EXP.		22.8	15.5	11.4	3.0	1.7	0.7	0.4	0.5		
	OBS./EXP.		0.614	1.098	1.494	1.313	1.153	0.000	0.000	4.309		
	RELATIVE RISK		1.000		1.845	1.622	1.424	0.000	0.000	5.321		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.0961	0.3749	0.3838	0.8219	0.7929	0.1504	0.0879	0.4328	0.3817	0.0702	TREND, 0.0747
1955-58	OBS.	56	25	19	8	0	3	0	0	1		
	EXP.		21.4	16.2	11.6	3.2	1.9	0.8	0.4	0.5		
	OBS./EXP.		1.168	1.172	0.688	0.000	1.575	0.000	0.000	2.078		
	RELATIVE RISK		1.000		0.588	0.000	1.346	0.000	0.000	1.776		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.8659	0.9396	0.4147	0.8437	0.8062	0.3263	0.9413	0.5890	0.7729	0.3486	TREND, 0.6380
1959-62	OBS.	41	11	14	10	2	1	0	2	1		
	EXP.		17.5	10.9	8.1	2.2	1.2	0.5	0.2	0.3		
	OBS./EXP.		0.530	1.281	1.232	0.898	0.830	0.000	8.085	3.316		
	RELATIVE RISK		1.000		1.398	1.019	0.942	0.000	9.177	3.754		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.3181	0.5213	0.6064	0.8119	0.0581	0.2756	0.3408	0.3005	0.1958	0.0099	TREND, 0.0165
1963-66	OBS.	35	9	13	10	3	0	0	0	0		
	EXP.		14.4	9.4	7.0	1.9	1.2	0.5	0.3	0.3		
	OBS./EXP.		0.625	1.377	1.433	1.582	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.553	1.714	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.2611	0.4066	0.8527	0.8083	0.7859	0.7907	0.2152	0.8992	0.8460	0.3635	TREND, 0.8434
1967-70	OBS.	43	16	12	12	2	1	0	0	0		
	EXP.		17.7	11.7	8.4	2.4	1.5	0.7	0.3	0.4		
	OBS./EXP.		0.906	1.025	1.431	0.849	0.659	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.500	0.890	0.691	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.2454	0.5018	0.7052	0.8240	0.7909	0.7967	0.2926	0.8388	0.8639	0.8510	TREND, 0.8694
1971-74	OBS.	56	18	22	11	0	3	1	0	1		
	EXP.		22.2	15.7	10.8	3.1	2.2	1.0	0.4	0.6		
	OBS./EXP.		0.811	1.400	1.016	0.000	1.377	1.021	0.000	1.790		
	RELATIVE RISK		1.000		0.963	0.000	1.305	0.968	0.000	1.697		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.5693	0.9339	0.4092	0.6197	0.8072	0.3342	0.7665	0.4341	0.6047	0.3688	TREND, 0.4808
1975-78	OBS.	45	21	11	6	2	4	1	0	0		
	EXP.		19.2	11.9	8.7	2.4	1.5	0.6	0.3	0.4		
	OBS./EXP.		1.092	0.928	0.690	0.830	2.608	1.573	0.000	0.000		
	RELATIVE RISK		1.000		0.670	0.806	2.533	1.528	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.7781	0.6364	0.1957	0.3206	0.7884	0.7957	0.7695	0.3163	0.6223	0.5410	TREND, 0.4508

TABLE 20-2 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-2

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	3	1	0	1	0	1	0	0	0		
	EXP.		1.4	0.8	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.713 1.000	0.000	1.846 4.090	0.000 0.000	15.092 33.437	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2694	AB=D? 0.7719	AB=E? 0.2431	AB=F? 0.7629	AB=G? 0.7614	AB=H? 0.7618	AB=CD? 0.2770	AB=E-H? 0.2452	AB=FGH? 0.7656	HOMO. 0.0407	TREND. 0.1624
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1967-70	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1971-74	OBS. EXP.	2	1	0	0	0	1	0	0	0		
	EXP.		0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.071 1.000	0.000	0.000 0.000	0.000 0.000	22.841 33.756	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8060	AB=D? 0.7719	AB=E? 0.2430	AB=F? 0.7629	AB=G? 0.7614	AB=H? 0.7617	AB=CD? 0.8145	AB=E-H? 0.2452	AB=FGH? 0.7655	HOMO. 0.0026	TREND. 0.1171
1975-78	OBS. EXP.	1	0	0	1	0	0	0	0	0		
	EXP.		0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	5.533 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO. 0.7168	TREND. 0.5005

TABLE 20-3 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-3

HIROSHIMA + NAGASAKI, FEMALE, AGE AYS 10-19

YEAR CLASS	TOTAL	T=65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 18	6 5.7	8 5.4	1 3.0	0 1.2	2 1.4	1 0.7	0 0.2	0 0.2			
	OBS./EXP. RELATIVE RISK	1.057 1.000	1.468 1.000	0.329 0.262	0.000 0.000	1.400 1.112	1.396 1.109	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8836	AB=D? 0.8801	AB=E? 0.5264	AB=F? 0.4273	AB=G? 0.7937	AB=H? 0.7936	AB=CD? 0.9314	AB=E-H? 0.6232	AB=FGH? 0.7003	HOMO, 0.7059	TREND, 0.7077
1950-54 TOTAL	OBS. EXP. 0	0	0	0	0	0	0	0	0			
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1955-58 TOTAL	OBS. EXP. 1	1 0.5	0 0.2	0 0.2	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	2.160 1.000	0.000 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8070	AB=D? 0.7736	AB=E? 0.7704	AB=F? 0.7641	AB=G? 0.7635	AB=H? 0.7633	AB=CD? 0.8167	AB=E-H? 0.7797	AB=FGH? 0.7702	HOMO, 0.9913	TREND, 0.6158
1959-62 TOTAL	OBS. EXP. 2	1 0.7	1 0.6	0 0.3	0 0.1	0 0.1	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	1.463 1.000	1.710 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8296	AB=D? 0.7724	AB=E? 0.7987	AB=F? 0.7885	AB=G? 0.7672	AB=H? 0.7672	AB=CD? 0.8494	AB=E-H? 0.8231	AB=FGH? 0.7927	HOMO, 0.9911	TREND, 0.7344
1963-66 TOTAL	OBS. EXP. 1	0 0.5	0 0.2	1 0.2	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.000 1.000	0.000 1.000	5.612 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO, 0.7072	TREND, 0.5491
1967-70 TOTAL	OBS. EXP. 2	0 0.4	2 0.7	0 0.3	0 0.2	0 0.2	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.000 1.000	2.956 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8336	AB=D? 0.8021	AB=E? 0.8132	AB=F? 0.7902	AB=G? 0.7690	AB=H? 0.7691	AB=CD? 0.3592	AB=E-H? 0.8444	AB=FGH? 0.8041	HOMO, 0.7398	TREND, 0.5895
1971-74 TOTAL	OBS. EXP. 7	2 2.0	5 2.2	0 1.2	0 0.5	0 0.6	0 0.3	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.984 1.000	2.291 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8986	AB=D? 0.3412	AB=E? 0.3552	AB=F? 0.2171	AB=G? 0.7800	AB=H? 0.7799	AB=CD? 0.9271	AB=E-H? 0.8986	AB=FGH? 0.8422	HOMO, 0.4912	TREND, 0.8736
1975-78 TOTAL	OBS. EXP. 5	2 1.6	0 1.5	0 0.8	0 0.3	2 0.4	1 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	1.256 1.000	0.000 1.000	0.000 0.000	0.000 0.000	5.134 7.967	5.110 7.930	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8293	AB=D? 0.7926	AB=E? 0.1901	AB=F? 0.2466	AB=G? 0.7670	AB=H? 0.7671	AB=CD? 0.8489	AB=E-H? 0.1110	AB=FGH? 0.2555	HOMO, 0.0718	TREND, 0.0848

TABLE 20-4 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-4

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR CLASS	CLASS	TOTAL	Y=65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	86	32	24	19	4	3	1	0	3		
TOTAL	EXP.		34.7	24.0	16.2	4.9	3.1	1.3	0.7	1.0		
	OBS./EXP.		0.922	0.999	1.173	0.817	0.970	0.764	0.000	2.888		
	RELATIVE RISK		1.000		1.230	0.857	1.017	0.802	0.000	3.029		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3255	0.6333	0.5708	0.6429	0.8238	0.1715	0.3800	0.4433	0.4704	0.6146	0.1651
1950-54	OBS.	8	3	3	2	0	0	0	0	0		
	EXP.		3.3	2.2	1.5	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.904	1.369	1.334	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.225	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3919	0.8143	0.7982	0.7787	0.7704	0.7746	0.5733	0.8282	0.7992	0.9826	0.7749
1955-58	OBS.	7	3	3	0	0	0	0	0	1		
	EXP.		2.1	2.3	1.4	0.5	0.4	0.2	0.1	0.1		
	OBS./EXP.		1.414	1.316	0.000	0.000	0.000	0.000	0.000	8.675		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	6.363		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8967	0.8239	0.8145	0.7891	0.7753	0.2584	0.9190	0.5609	0.3138	0.1948	0.1233
1959-62	OBS.	8	4	2	1	0	0	0	0	1		
	EXP.		3.6	2.1	1.5	0.4	0.2	0.1	0.1	0.1		
	OBS./EXP.		1.119	0.964	0.678	0.000	0.000	0.000	0.000	11.953		
	RELATIVE RISK		1.000		0.639	0.000	0.000	0.000	0.000	11.253		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7026	0.8092	0.7281	0.7717	0.7673	0.2498	0.7625	0.3046	0.2685	0.1369	0.0363
1963-66	OBS.	11	3	3	4	1	0	0	0	0		
	EXP.		3.9	3.3	2.1	0.7	0.5	0.2	0.1	0.2		
	OBS./EXP.		0.766	0.907	1.885	1.486	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		2.269	1.789	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2331	0.3253	0.8151	0.7296	0.7757	0.7797	0.2650	0.8540	0.3159	0.8805	0.7328
1967-70	OBS.	17	7	3	5	1	1	0	0	0		
	EXP.		6.9	4.7	3.2	1.0	0.6	0.3	0.1	0.2		
	OBS./EXP.		1.020	0.632	1.560	1.036	1.624	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.811	1.202	1.885	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3004	0.3906	0.3313	0.7890	0.7764	0.7213	0.3114	0.6334	0.8178	0.9269	0.6655
1971-74	OBS.	22	6	7	6	0	1	1	0	1		
	EXP.		9.4	5.9	4.1	1.2	0.7	0.3	0.2	0.2		
	OBS./EXP.		0.639	1.180	1.468	0.000	1.413	3.564	0.000	4.171		
	RELATIVE RISK		1.000		1.729	0.000	1.664	4.199	0.000	4.913		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2818	0.8444	0.3249	0.2619	0.7732	0.2614	0.4356	0.2324	0.2110	0.3199	0.0573
1975-78	OBS.	13	6	3	1	2	1	0	0	0		
	EXP.		5.6	3.5	2.4	0.7	0.4	0.2	0.1	0.1		
	OBS./EXP.		1.073	0.359	0.414	2.844	2.430	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.418	2.871	2.452	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7927	0.3225	0.2960	0.7748	0.7695	0.7747	0.4913	0.3844	0.7956	0.7147	0.5122

TABLE 20-5 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-5

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

YEAR CLASS	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	147	50	49	35	7	4	0	1	1		
	EXP.	59.0	40.1	30.7	7.9	4.9	2.1	1.0	1.3			
	OBS./EXP. RELATIVE RISK	0.848	1.000	1.222	1.140	0.890	0.809	0.000	1.017	0.763		
	TEST PROB.	AB=C? 0.3530	AB=D? 0.6201	AB=E? 0.6666	AB=F? 0.3953	AB=G? 0.4824	AB=H? 0.6537	AB=CD? 0.4003	AB=E-H? 0.8082	AB=FGH? 0.8338	HOMO. 0.4839	TREND. 0.8070
1950-54	OBS. TOTAL	30	7	8	9	4	1	0	0	1		
	EXP.	11.6	8.4	6.3	1.6	1.0	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	0.601	1.000	0.952	1.419	2.476	0.957	0.000	0.000	3.515		
	TEST PROB.	AB=C? 0.1931	AB=D? 0.1057	AB=E? 0.3772	AB=F? 0.7986	AB=G? 0.7792	AB=H? 0.2662	AB=CD? 0.0930	AB=E-H? 0.3831	AB=FGH? 0.3589	HOMO. 0.2472	TREND. 0.1275
1955-58	OBS. TOTAL	29	15	7	6	0	1	0	0	0		
	EXP.	11.4	8.0	6.1	1.6	1.0	0.4	0.2	0.2	0.3		
	OBS./EXP. RELATIVE RISK	1.310	1.000	0.874	0.985	0.000	1.010	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6276	AB=D? 0.8838	AB=E? 0.6062	AB=F? 0.8078	AB=G? 0.7846	AB=H? 0.7920	AB=CD? 0.7551	AB=E-H? 0.7805	AB=FGH? 0.8457	HOMO. 0.8015	TREND. 0.8851
1959-62	OBS. TOTAL	14	2	4	6	0	1	0	1	0		
	EXP.	5.5	3.9	2.9	0.8	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.363	1.000	1.033	2.041	0.000	2.079	0.000	10.238	0.000		
	TEST PROB.	AB=C? 0.1039	AB=D? 0.8145	AB=E? 0.2907	AB=F? 0.7802	AB=G? 0.2484	AB=H? 0.7731	AB=CD? 0.1717	AB=E-H? 0.3519	AB=FGH? 0.2849	HOMO. 0.0292	TREND. 0.1252
1963-66	OBS. TOTAL	17	4	8	3	2	0	0	0	0		
	EXP.	7.2	4.4	3.5	0.9	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.559	1.000	1.810	0.855	2.230	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6481	AB=D? 0.4425	AB=E? 0.8116	AB=F? 0.7816	AB=G? 0.7733	AB=H? 0.7739	AB=CD? 0.4298	AB=E-H? 0.8416	AB=FGH? 0.8021	HOMO. 0.4473	TREND. 0.7300
1967-70	OBS. TOTAL	16	6	4	5	1	0	0	0	0		
	EXP.	6.5	4.3	3.3	0.9	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.929	1.000	0.924	1.501	1.165	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3667	AB=D? 0.3581	AB=E? 0.8047	AB=F? 0.7786	AB=G? 0.7694	AB=H? 0.7716	AB=CD? 0.3642	AB=E-H? 0.8315	AB=FGH? 0.7961	HOMO. 0.9630	TREND. 0.7706
1971-74	OBS. TOTAL	21	6	10	4	0	1	0	0	0		
	EXP.	7.9	6.1	4.4	1.1	0.7	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.756	1.000	1.647	0.902	0.000	1.351	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6781	AB=D? 0.8653	AB=E? 0.4155	AB=F? 0.8059	AB=G? 0.7814	AB=H? 0.7898	AB=CD? 0.7764	AB=E-H? 0.7345	AB=FGH? 0.8408	HOMO. 0.6549	TREND. 0.7912
1975-78	OBS. TOTAL	20	10	8	2	0	0	0	0	0		
	EXP.	8.8	5.1	4.0	1.3	0.6	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.133	1.000	1.583	0.495	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8698	AB=D? 0.8639	AB=E? 0.8308	AB=F? 0.7917	AB=G? 0.7759	AB=H? 0.7794	AB=CD? 0.9139	AB=E-H? 0.8674	AB=FGH? 0.8184	HOMO. 0.6612	TREND. 0.8927

TABLE 20-6 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-6

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR CLASS	Y-65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 78	25 34.4	27 20.9	18 15.5	2 4.1	4 1.7	0 0.8	1 0.3	1 0.3			
	OBS./EXP. RELATIVE RISK	0.727 1.000	1.291 1.000	1.165 1.239	0.486 0.517	2.302 2.448	0.000 0.000	3.051 3.245	3.287 3.496			
	TEST PROB.	AB=C? 0.3379	AB=D? 0.8039	AB=E? 0.1896	AB=F? 0.8290	AB=G? 0.2818	AB=H? 0.2779	AB=CD? 0.4764	AB=E-H? 0.1846	AB=FGH? 0.3828	HOMO, 0.0775	TREND, 0.0703
1950-54	OBS. EXP. 18	4 7.8	6 4.9	6 3.5	0 1.0	1 0.4	0 0.2	0 0.1	1 0.1			
	OBS./EXP. RELATIVE RISK	0.510 1.000	1.227 1.000	1.697 2.160	0.000 0.000	2.383 3.033	0.000 0.000	0.000 0.000	12.088 15.385			
	TEST PROB.	AB=C? 0.2045	AB=D? 0.8352	AB=E? 0.2867	AB=F? 0.7793	AB=G? 0.7690	AB=H? 0.2478	AB=CD? 0.3181	AB=E-H? 0.3093	AB=FGH? 0.2760	HOMO, 0.0231	TREND, 0.0160
1955-58	OBS. EXP. 19	6 7.4	9 5.7	2 4.0	0 1.1	2 0.5	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.814 1.000	1.586 1.000	0.504 0.438	0.000 0.000	3.937 3.423	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8433	AB=D? 0.8615	AB=E? 0.2620	AB=F? 0.7893	AB=G? 0.7735	AB=H? 0.7726	AB=CD? 0.8954	AB=E-H? 0.4171	AB=FGH? 0.8094	HOMO, 0.2408	TREND, 0.5255
1959-62	OBS. EXP. 17	4 7.7	7 4.4	3 3.4	2 0.9	0 0.4	0 0.2	1 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.521 1.000	1.594 1.000	0.892 0.979	2.189 2.403	0.000 0.000	0.000 0.000	14.087 15.463	0.000 0.000			
	TEST PROB.	AB=C? 0.5506	AB=D? 0.4168	AB=E? 0.7973	AB=F? 0.7783	AB=G? 0.2473	AB=H? 0.7676	AB=CD? 0.4364	AB=E-H? 0.3305	AB=FGH? 0.2738	HOMO, 0.0145	TREND, 0.0930
1963-66	OBS. EXP. 6	2 2.9	2 1.5	2 1.2	0 0.3	0 0.1	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.697 1.000	1.366 1.000	1.712 1.854	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.3764	AB=D? 0.7922	AB=E? 0.7744	AB=F? 0.7673	AB=G? 0.7632	AB=H? 0.7629	AB=CD? 0.3695	AB=E-H? 0.7855	AB=FGH? 0.7725	HOMO, 0.9805	TREND, 0.6710
1967-70	OBS. EXP. 8	3 3.9	3 2.0	2 1.5	0 0.4	0 0.1	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.772 1.000	1.533 1.000	1.312 1.278	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.3846	AB=D? 0.8019	AB=E? 0.7785	AB=F? 0.7696	AB=G? 0.7635	AB=H? 0.7632	AB=CD? 0.4524	AB=E-H? 0.7918	AB=FGH? 0.7753	HOMO, 0.9809	TREND, 0.7105
1971-74	OBS. EXP. 4	3 1.9	0 1.0	1 0.8	0 0.2	0 0.1	0 0.0	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	1.568 1.000	0.000 1.000	1.291 1.250	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.3759	AB=D? 0.7863	AB=E? 0.7717	AB=F? 0.7655	AB=G? 0.7617	AB=H? 0.7618	AB=CD? 0.4757	AB=E-H? 0.7792	AB=FGH? 0.7683	HOMO, 0.9600	TREND, 0.6532
1975-78	OBS. EXP. 6	3 2.7	0 1.5	2 1.2	0 0.3	1 0.1	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	1.092 1.000	0.000 1.000	1.643 2.342	0.000 0.000	8.213 12.563	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.4065	AB=D? 0.7888	AB=E? 0.2487	AB=F? 0.7654	AB=G? 0.7621	AB=H? 0.7622	AB=CD? 0.3694	AB=E-H? 0.2559	AB=FGH? 0.7689	HOMO, 0.2261	TREND, 0.2216

TABLE 20-7 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-7

HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	270	106	74	62	13	8	2	1	4		
	EXP.		123.4	67.0	52.3	13.9	7.2	2.8	1.4	1.9		
	OBS./EXP. RELATIVE RISK		0.859	1.104	1.184	0.937	1.108	0.721	0.693	2.155		
			1.000		1.253	0.992	1.173	0.763	0.733	2.280		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.1523	0.5320	0.4599	0.6720	0.6672	0.1931	0.1911	0.3633	0.4465	0.3377	0.1401
1950-54	OBS. EXP.	46	13	11	14	4	2	0	0	2		
			21.0	11.4	9.0	2.4	1.2	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.618	0.969	1.559	1.656	1.649	0.000	0.000	6.639		
			1.000		2.105	2.235	2.225	0.000	0.000	8.960		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.0710	0.2197	0.4243	0.7952	0.7796	0.0494	0.0516	0.1856	0.3412	0.0132	0.0054
1955-58	OBS. EXP.	41	24	9	6	0	2	0	0	0		
			18.6	10.1	8.1	2.1	1.1	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.278	0.895	0.743	0.000	1.835	0.000	0.000	0.000		
			1.000		0.649	0.000	1.604	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.7949	0.9074	0.3890	0.8060	0.7856	0.7904	0.8863	0.5972	0.8441	0.5568	0.8326
1959-62	OBS. EXP.	36	10	11	10	2	1	0	1	1		
			16.5	8.9	7.0	1.9	0.9	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.605	1.233	1.432	1.062	1.106	0.000	5.355	4.443		
			1.000		1.736	1.287	1.341	0.000	6.492	5.386		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.1954	0.3867	0.3593	0.7905	0.2577	0.2627	0.2046	0.2955	0.2847	0.1400	0.0195
1963-66	OBS. EXP.	29	8	11	7	3	0	0	0	0		
			13.3	7.1	5.7	1.5	0.8	0.3	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.603	1.543	1.235	2.041	0.000	0.000	0.000	0.000		
			1.000		1.326	2.190	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.4085	0.2991	0.8277	0.7905	0.7761	0.7801	0.2529	0.8652	0.8183	0.3716	0.7395
1967-70	OBS. EXP.	35	14	10	9	2	0	0	0	0		
			14.1	8.7	6.7	1.8	0.9	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.871	1.150	1.338	1.127	0.000	0.000	0.000	0.000		
			1.000		1.381	1.163	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3405	0.4034	0.8378	0.7961	0.7792	0.7550	0.3432	0.8791	0.8285	0.8853	0.8339
1971-74	OBS. EXP.	43	17	12	10	0	2	1	0	1		
			19.6	10.9	8.2	2.2	1.2	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.869	1.105	1.223	0.000	1.689	2.228	0.000	3.012		
			1.000		1.253	0.000	1.772	2.338	0.000	3.161		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3783	0.8953	0.4032	0.2966	0.7847	0.2796	0.4725	0.2834	0.4615	0.5545	0.1666
1975-78	OBS. EXP.	40	20	10	6	2	1	1	0	0		
			18.2	10.1	7.8	2.0	1.1	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.100	0.993	0.774	0.956	0.921	2.509	0.000	0.000		
			1.000		0.728	0.928	0.867	2.363	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.7384	0.5861	0.6144	0.2969	0.7838	0.7903	0.7212	0.5705	0.4415	0.9612	0.6382

TABLE 20-8 MALIGNANT NEOPLASMS OF CERVIX UTERI AND UTERUS

TABLE 20-8

NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	62	8	34	12	0	6	0	1	1		
	EXP.		11.7	24.3	13.6	4.3	4.0	2.2	0.8	1.1		
	OBS./EXP. RELATIVE RISK		0.682 1.000	1.402	0.883 0.757	0.000 0.000	1.482 1.269	0.000 0.000	1.182 1.013	0.951 0.815		
	TEST PROB.	AB=C? 0.7606	AB=D? 0.9616	AB=E? 0.4706	AB=F? 0.9116	AB=G? 0.4595	AB=H? 0.6233	AB=I? 0.9062	AB=E-H? 0.6790	AB=FGH? 0.8489	HOMO. 0.0776	TREND, 0.7618
1950-54	OBS. TOTAL	10	1	6	3	0	0	0	0	0		
	EXP.		1.8	4.1	2.4	0.6	0.5	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		0.567 1.000	1.453	1.250 1.052	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4395	AB=D? 0.8338	AB=E? 0.8232	AB=F? 0.7966	AB=G? 0.7769	AB=H? 0.7823	AB=I? 0.6375	AB=E-H? 0.8668	AB=FGH? 0.8253	HOMO. 0.8806	TREND, 0.8576
1955-58	OBS. TOTAL	15	1	10	2	0	1	0	0	1		
	EXP.		2.6	6.2	3.6	1.0	0.8	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.383 1.000	1.624	0.563 0.449	0.000 0.000	1.228 0.979	0.000 0.000	0.000 0.000	4.345 3.464		
	TEST PROB.	AB=C? 0.8301	AB=D? 0.8639	AB=E? 0.5321	AB=F? 0.8130	AB=G? 0.7860	AB=H? 0.2758	AB=I? 0.8867	AB=E-H? 0.5667	AB=FGH? 0.5761	HOMO. 0.3045	TREND, 0.3010
1959-62	OBS. TOTAL	5	1	3	0	0	0	0	1	0		
	EXP.		0.9	2.0	1.1	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.090 1.000	1.500	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	16.490 12.029	0.000 0.000		
	TEST PROB.	AB=C? 0.8866	AB=D? 0.8150	AB=E? 0.8116	AB=F? 0.7904	AB=G? 0.2491	AB=H? 0.7737	AB=I? 0.9078	AB=E-H? 0.3799	AB=FGH? 0.2934	HOMO. 0.0169	TREND, 0.2149
1963-66	OBS. TOTAL	6	1	2	3	0	0	0	0	0		
	EXP.		1.1	2.3	1.3	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.873 1.000	0.866	2.288 2.634	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3281	AB=D? 0.8087	AB=E? 0.8079	AB=F? 0.7864	AB=G? 0.7734	AB=H? 0.7750	AB=I? 0.4783	AB=E-H? 0.8438	AB=FGH? 0.8089	HOMO. 0.8373	TREND, 0.8098
1967-70	OBS. TOTAL	8	2	2	3	0	1	0	0	0		
	EXP.		1.6	3.0	1.7	0.6	0.6	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.265 1.000	0.664	1.804 2.071	0.000 0.000	1.708 1.960	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4004	AB=D? 0.8211	AB=E? 0.3299	AB=F? 0.8001	AB=G? 0.7756	AB=H? 0.7745	AB=I? 0.3979	AB=E-H? 0.6173	AB=FGH? 0.8231	HOMO. 0.8868	TREND, 0.7119
1971-74	OBS. TOTAL	13	1	10	1	0	1	0	0	0		
	EXP.		2.6	4.9	2.7	0.9	1.0	0.5	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.381 1.000	2.058	0.377 0.257	0.000 0.000	1.005 0.684	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3843	AB=D? 0.8678	AB=E? 0.6850	AB=F? 0.8338	AB=G? 0.7881	AB=H? 0.7947	AB=I? 0.9273	AB=E-H? 0.8313	AB=FGH? 0.8686	HOMO. 0.2267	TREND, 0.8779
1975-78	OBS. TOTAL	5	1	1	0	0	3	0	0	0		
	EXP.		1.0	1.8	0.9	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.957 1.000	0.560	0.000 0.000	0.000 0.000	6.692 9.474	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8447	AB=D? 0.7971	AB=E? 0.0524	AB=F? 0.7839	AB=G? 0.7679	AB=H? 0.7697	AB=I? 0.8650	AB=E-H? 0.1700	AB=FGH? 0.7977	HOMO. 0.0193	TREND, 0.2092

TABLE 21-1 MALIGNANT NEOPLASMS OF CERVIX UTERI

TABLE 21-1

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	72	18	24	19	3	5	1	1	1		
	EXP.	26.8	21.1	14.3	4.1	3.0	1.4	0.6	0.8			
	OBS./EXP. RELATIVE RISK	0.671	1.139	1.332	0.727	1.691	0.727	1.643	1.295			
	TEST PROB.	AB=C? 0.1665	AB=D? 0.6445	AB=E? 0.2328	AB=F? 0.6432	AB=G? 0.3179	AB=H? 0.3442	AB=CD? 0.2271	AB=E-H? 0.2901	AB=FGH? 0.4079	HOMO, 0.3957	TREND, 0.1857
1950-54	OBS. TOTAL	4	1	0	2	1	0	0	0	0		
	EXP.	1.6	1.2	0.8	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.637	0.000	2.432	4.591	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2753	AB=D? 0.2481	AB=E? 0.7663	AB=F? 0.7627	AB=G? 0.7614	AB=H? 0.7615	AB=CD? 0.1519	AB=E-H? 0.7709	AB=FGH? 0.7650	HOMO, 0.5289	TREND, 0.4795
1955-58	OBS. TOTAL	14	3	6	3	0	2	0	0	0		
	EXP.	5.3	4.1	2.9	0.8	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.568	1.466	1.036	0.000	4.091	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4262	AB=D? 0.8308	AB=E? 0.2240	AB=F? 0.7860	AB=G? 0.7739	AB=H? 0.7771	AB=CD? 0.6266	AB=E-H? 0.4347	AB=FGH? 0.8103	HOMO, 0.3364	TREND, 0.4502
1959-62	OBS. TOTAL	7	2	2	1	0	0	0	1	1		
	EXP.	2.6	2.1	1.4	0.4	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.757	0.966	0.703	0.000	0.000	0.000	17.575	13.050	15.376		
	TEST PROB.	AB=C? 0.6167	AB=D? 0.7989	AB=E? 0.7875	AB=F? 0.7738	AB=G? 0.2461	AB=H? 0.2470	AB=CD? 0.6896	AB=E-H? 0.2407	AB=FGH? 0.0903	HOMO, 0.0002	TREND, 0.0002
1963-66	OBS. TOTAL	8	0	4	3	1	0	0	0	0		
	EXP.	2.9	2.4	1.7	0.5	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.000	1.692	1.817	2.169	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3484	AB=D? 0.2811	AB=E? 0.7921	AB=F? 0.7762	AB=G? 0.7681	AB=H? 0.7692	AB=CD? 0.2746	AB=E-H? 0.8161	AB=FGH? 0.7907	HOMO, 0.4706	TREND, 0.5904
1967-70	OBS. TOTAL	14	4	5	5	0	0	0	0	0		
	EXP.	5.1	4.1	2.8	0.8	0.6	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.791	1.209	1.808	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3034	AB=D? 0.8359	AB=E? 0.2284	AB=F? 0.7967	AB=G? 0.7739	AB=H? 0.7764	AB=CD? 0.4632	AB=E-H? 0.8647	AB=FGH? 0.8185	HOMO, 0.7458	TREND, 0.8429
1971-74	OBS. TOTAL	12	4	5	2	0	1	0	0	0		
	EXP.	4.2	3.6	2.3	0.7	0.6	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.957	1.372	0.868	0.000	1.482	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6659	AB=D? 0.8394	AB=E? 0.3677	AB=F? 0.8023	AB=G? 0.7771	AB=H? 0.7812	AB=CD? 0.7564	AB=E-H? 0.6908	AB=FGH? 0.8288	HOMO, 0.9535	TREND, 0.7448
1975-78	OBS. TOTAL	13	4	2	3	1	2	1	0	0		
	EXP.	5.2	3.6	2.4	0.7	0.6	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.772	0.553	1.242	1.354	1.691	3.562	3.978	0.000	0.000		
	TEST PROB.	AB=C? 0.4291	AB=D? 0.3081	AB=E? 0.2512	AB=F? 0.2551	AB=G? 0.7689	AB=H? 0.7712	AB=CD? 0.3453	AB=E-H? 0.1822	AB=FGH? 0.2755	HOMO, 0.3672	TREND, 0.1277

TABLE 22-1 MALIGNANT NEOPLASMS OF BLADDER, AND OF OTHER OR UNSPECIFIED URINARY ORGANS HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 22-1

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	104	39	26	18	7	7	4	2	1		
TOTAL	EXP.		43.8	28.3	19.4	5.6	3.8	1.5	0.7	1.0		
	OBS./EXP.		0.891	0.920	0.926	1.240	1.858	2.736	2.832	1.021		
	RELATIVE RISK		1.000		1.026	1.374	2.058	3.031	3.137	1.131		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4658	0.3336	0.0989	0.0678	0.2451	0.3797	0.4266	0.0198	0.0583	0.1427	0.0100
1950-54	OBS.	6	2	2	1	1	0	0	0	0		
	EXP.		2.7	1.6	1.1	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP.		0.749	1.234	0.948	3.583	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.017	3.844	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4588	0.2712	0.7843	0.7692	0.7647	0.7675	0.3687	0.8016	0.7801	0.9273	0.6098
1955-58	OBS.	8	4	2	1	0	1	0	0	0		
	EXP.		3.3	2.2	1.6	0.4	0.3	0.1	0.0	0.1		
	OBS./EXP.		1.203	0.893	0.642	0.000	3.924	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.596	0.000	3.641	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7251	0.3115	0.2759	0.7743	0.7667	0.7687	0.7790	0.3112	0.7875	0.3687	0.5267
1959-62	OBS.	14	6	6	1	0	1	0	0	0		
	EXP.		6.1	3.7	2.6	0.8	0.5	0.2	0.1	0.1		
	OBS./EXP.		0.989	1.616	0.381	0.000	2.140	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.310	0.000	1.744	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8552	0.8447	0.3229	0.7841	0.7716	0.7779	0.8972	0.5374	0.8077	0.7616	0.7068
1963-66	OBS.	23	7	7	5	1	1	2	0	0		
	EXP.		9.8	6.2	4.5	1.2	0.7	0.3	0.1	0.2		
	OBS./EXP.		0.718	1.137	1.112	0.806	1.379	6.607	0.000	0.000		
	RELATIVE RISK		1.000		1.263	0.916	1.568	7.508	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4334	0.5863	0.3325	0.0699	0.7747	0.7790	0.4318	0.2242	0.2328	0.1367	0.1628
1967-70	OBS.	14	4	0	3	2	1	2	1	1		
	EXP.		5.5	3.8	2.5	0.9	0.7	0.3	0.1	0.2		
	OBS./EXP.		0.724	0.000	1.192	2.287	1.533	7.184	7.131	5.277		
	RELATIVE RISK		1.000		2.786	5.344	3.582	16.790	16.667	12.333		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2951	0.1789	0.2621	0.0015	0.2441	0.2476	0.1537	0.0018	0.0002	0.0005	0.0000
1971-74	OBS.	22	11	5	5	0	1	0	0	0		
	EXP.		9.3	5.9	4.1	1.2	0.8	0.3	0.1	0.2		
	OBS./EXP.		1.177	0.844	1.205	0.000	1.332	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.150	0.000	1.271	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4254	0.8575	0.3540	0.7916	0.7759	0.7806	0.6049	0.6586	0.5190	0.9215	0.7898
1975-78	OBS.	17	5	4	2	3	2	0	1	0		
	EXP.		7.1	4.7	3.1	0.9	0.7	0.2	0.1	0.2		
	OBS./EXP.		0.701	0.855	0.642	3.424	2.963	0.000	8.475	0.000		
	RELATIVE RISK		1.000		0.842	4.494	3.889	0.000	11.123	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6245	0.0875	0.1900	0.7747	0.2497	0.7707	0.3529	0.1657	0.2889	0.0240	0.0558

TABLE 22-2 MALIGNANT NEOPLASMS OF BLADDER, AND OF OTHER OR
UNSPECIFIED URINARY ORGANS
HIROSHIMA + NAGASAXI, MALE, ALL AGES

TABLE 22-2

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	60	20	18	9	5	4	2	1	1		
	EXP.		24.9	16.5	10.7	3.3	2.5	0.9	0.4	0.7		
	OBS./EXP. RELATIVE RISK		0.804 1,000	1.091	0.840 0.915	1.510 1.644	1.583 1.723	2.119 2.307	2.234 2.432	1.456 1.585		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6149	0.2843	0.2752	0.3287	0.2892	0.3262	0.4638	0.1336	0.2222	0.6278	0.0546
1950-54	OBS. EXP.	6	2 2.7	2 1.6	1 1.1	1 0.3	0 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		0.749 1,000	1.234	0.948 1.017	3.583 3.844	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.4588	0.2712	0.7348	0.7692	0.7647	0.7675	0.3687	0.8016	0.7801	0.9273	0.6135
1955-58	OBS. EXP.	4	2 1.8	1 1.1	0 0.7	0 0.2	1 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.124 1,000	0.939	0.000 0.000	0.000 0.000	7.206 6.830	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.8418	0.7881	0.2567	0.7672	0.7635	0.7658	0.8575	0.2706	0.7754	0.4944	0.3752
1959-62	OBS. EXP.	10	3 4.2	6 2.7	1 1.3	0 0.6	0 0.4	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.714 1,000	2.198	0.543 0.418	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.7995	0.8312	0.8122	0.7806	0.7698	0.7762	0.8500	0.8416	0.8018	0.5544	0.8160
1963-66	OBS. EXP.	6	2 2.5	2 1.6	1 1.1	1 0.4	0 0.3	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		0.812 1,000	1.231	0.921 0.942	2.808 2.870	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.5755	0.2870	0.7975	0.7773	0.7685	0.7717	0.3723	0.8232	0.7940	0.9693	0.6543
1967-70	OBS. EXP.	11	3 4.1	0 3.1	2 2.0	2 0.7	1 0.6	2 0.2	0 0.1	1 0.2		
	OBS./EXP. RELATIVE RISK		0.725 1,000	0.000	1.020 2.460	2.727 6.574	1.797 4.333	8.274 19.946	0.000 0.000	6.135 14.790		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.4077	0.1447	0.2562	0.0004	0.7632	0.2457	0.2001	0.0061	0.0024	0.0014	0.0001
1971-74	OBS. EXP.	11	5 4.5	3 3.0	3 2.0	0 0.6	0 0.5	0 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.108 1,000	1.008	1.482 1.387	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.4018	0.8254	0.8087	0.7826	0.7722	0.7762	0.4395	0.8410	0.8054	0.9566	0.8242
1975-78	OBS. EXP.	12	3 5.1	4 3.3	1 2.1	1 0.6	2 0.5	0 0.2	1 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.586 1,000	1.208	0.475 0.573	1.664 2.004	4.030 4.856	0.000 0.000	12.200 14.700	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.7332	0.2977	0.1530	0.7721	0.2681	0.7695	0.5797	0.1311	0.2802	0.0160	0.0495

TABLE 22-3 MALIGNANT NEOPLASMS OF BLADDER, AND OF OTHER OR UNSPECIFIED URINARY ORGANS HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 22-3

YEAR	CLASS	T=65 TOTAL DOSE [IN RAD]								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	44	19	8	9	2	3	2	1	0
	EXP.		18.9	11.7	8.7	2.3	1.2	0.5	0.3	0.3
	OBS./EXP. RELATIVE RISK		1.006	0.681	1.031	0.857	2.418	3.861	3.867	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.4773	0.5375	0.1756	0.1438	0.2634	0.7830	0.4685	0.0436	0.1189 0.1654 0.0504
1950-54	OBS. TOTAL	0	0	0	0	0	0	0	0	0
	EXP.									
	OBS./EXP. RELATIVE RISK									
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		X	X	X	X	X	X	X	X	X
1955-58	OBS. TOTAL	4	2	1	1	0	0	0	0	0
	EXP.		1.5	1.2	0.8	0.2	0.1	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK		1.292	0.851	1.188	0.000	0.000	0.000	0.000	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.4276	0.7953	0.7815	0.7699	0.7645	0.7646	0.6193	0.7966	0.7778 0.9957 0.6795
1959-62	OBS. TOTAL	4	3	0	0	0	1	0	0	0
	EXP.		1.9	1.0	0.8	0.2	0.1	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK		1.610	0.000	0.000	0.000	11.263	0.000	0.000	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.8479	0.7895	0.2503	0.7659	0.7630	0.7632	0.8636	0.2592	0.7714 0.0973 0.2580
1963-66	OBS. TOTAL	17	5	5	4	0	1	2	0	0
	EXP.		7.3	4.5	3.4	0.9	0.5	0.2	0.1	0.1
	OBS./EXP. RELATIVE RISK		0.686	1.104	1.172	0.000	2.156	9.757	0.000	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.4300	0.8270	0.2848	0.0178	0.7685	0.7702	0.4308	0.0897	0.1059 0.0102 0.0683
1967-70	OBS. TOTAL	3	1	0	1	0	0	0	1	0
	EXP.		1.4	0.7	0.6	0.1	0.1	0.0	0.0	0.0
	OBS./EXP. RELATIVE RISK		0.724	0.000	1.798	0.000	0.000	0.000	36.954	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.2727	0.7735	0.7701	0.7641	0.2414	0.7633	0.2824	0.2504	0.2450 0.0000 0.0245
1971-74	OBS. TOTAL	11	6	2	2	0	1	0	0	0
	EXP.		4.8	2.9	2.1	0.6	0.3	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK		1.242	0.679	0.941	0.000	3.452	0.000	0.000	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.5764	0.8154	0.2752	0.7729	0.7653	0.7665	0.6753	0.3107	0.7829 0.3690 0.5473
1975-78	OBS. TOTAL	5	2	0	1	2	0	0	0	0
	EXP.		2.0	1.4	1.0	0.3	0.2	0.1	0.0	0.0
	OBS./EXP. RELATIVE RISK		0.993	0.000	0.987	7.289	0.000	0.000	0.000	0.000
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO. TREND.
		0.3216	0.0786	0.7711	0.7646	0.7621	0.7624	0.2407	0.7787	0.7684 0.0847 0.4412

TABLE 22-4 MALIGNANT NEOPLASMS OF BLADDER, AND OF OTHER OR UNSPECIFIED URINARY ORGANS HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 22-4

		T=65 TOTAL DOSE IN RAD										
YEAR CLASS	CLASS	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	90	38	23	13	5	6	4	1	0		
TOTAL	EXP.		40.7	23.3	16.6	6.5	2.8	1.0	0.5	0.7		
	OBS./EXP.		0.934	0.985	0.784	1.123	2.158	4.120	2.126	0.000		
	RELATIVE RISK		1.000		0.823	1.179	2.266	4.325	2.232	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7132	0.4351	0.1216	0.0360	0.2991	0.8191	0.6466	0.0393	0.1257	0.0298	0.0647
1950-54	OBS.	6	2	2	1	1	0	0	0	0		
	EXP.		2.7	1.6	1.1	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP.		0.749	1.234	0.948	3.583	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.017	3.844	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4588	0.2712	0.7848	0.7692	0.7647	0.7675	0.3687	0.8016	0.7801	0.9273	0.5773
1955-58	OBS.	7	4	1	1	0	1	0	0	0		
	EXP.		3.2	1.8	1.3	0.4	0.2	0.1	0.0	0.0		
	OBS./EXP.		1.261	0.554	0.768	0.000	4.797	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.764	0.000	4.776	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6546	0.8010	0.2662	0.7699	0.7649	0.7672	0.7192	0.2896	0.7805	0.7607	0.4785
1959-62	OBS.	13	6	5	1	0	1	0	0	0		
	EXP.		5.8	3.4	2.4	0.7	0.4	0.1	0.1	0.1		
	OBS./EXP.		1.026	1.485	0.418	0.000	2.457	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.350	0.000	2.058	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8316	0.8351	0.3051	0.7790	0.7694	0.7735	0.8762	0.3849	0.7980	0.8394	0.6762
1963-66	OBS.	20	7	6	3	1	1	2	0	0		
	EXP.		9.2	5.0	3.8	1.0	0.6	0.2	0.1	0.1		
	OBS./EXP.		0.763	1.201	0.783	0.994	1.816	9.394	0.000	0.000		
	RELATIVE RISK		1.000		0.853	1.083	1.979	10.237	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6303	0.4302	0.3087	0.0381	0.7706	0.7740	0.6043	0.1590	0.1650	0.0209	0.1165
1967-70	OBS.	10	4	0	1	1	1	2	1	0		
	EXP.		4.5	2.6	1.8	0.5	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.891	0.000	0.555	2.009	3.042	16.728	15.885	0.000		
	RELATIVE RISK		1.000		0.985	3.564	5.395	29.673	28.177	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5687	0.2773	0.2621	0.0015	0.2441	0.7674	0.3702	0.0047	0.0013	0.0000	0.0000
1971-74	OBS.	19	10	5	4	0	0	0	0	0		
	EXP.		8.7	4.9	3.6	0.9	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.156	1.029	1.120	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.009	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4735	0.8481	0.8150	0.7842	0.7716	0.7743	0.6660	0.8474	0.8065	0.9489	0.8480
1975-78	OBS.	15	5	4	2	2	2	0	0	0		
	EXP.		6.7	4.0	2.8	0.7	0.5	0.2	0.1	0.1		
	OBS./EXP.		0.748	0.994	0.727	2.864	3.962	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.865	3.408	4.714	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6245	0.2787	0.1900	0.7747	0.7680	0.7707	0.4317	0.3455	0.7906	0.3475	0.3179

TABLE 22-5 MALIGNANT NEOPLASMS OF BLADDER, AND OF OTHER OR UNSPECIFIED URINARY ORGANS NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 22-5

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	14	1	3	5	2	1	0	1	1		
	EXP.	3.1	4.9	2.9	1.2	1.0	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	0.327 1.000	0.611	1.754 3.494	1.678 3.342	1.012 2.016	0.000 0.000	4.236 8.438	3.636 7.242			
	TEST PROB.	AB=C? 0.1373	AB=D? 0.3262	AB=E? 0.2972	AB=F? 0.7885	AB=G? 0.2535	AB=H? 0.2560	AB=CD? 0.1074	AB=E-H? 0.2510	AB=FGH? 0.2932	HOMO, 0.2404	TREND, 0.0573
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0			
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1955-58	OBS. EXP.	1	0	1	0	0	0	0	0			
	RELATIVE RISK	0.000 1.000	0.2 0.4	2.297 0.000	0.3 0.000	0.1 0.000	0.0 0.000	0.0 0.000	0.0 0.000			
	TEST PROB.	AB=C? 0.8331	AB=D? 0.7846	AB=E? 0.7766	AB=F? 0.7681	AB=G? 0.7635	AB=H? 0.7633	AB=CD? 0.8478	AB=E-H? 0.7890	AB=FGH? 0.7741	HOMO, 0.9885	TREND, 0.6080
1959-62	OBS. EXP.	1	0	1	0	0	0	0	0			
	RELATIVE RISK	0.000 1.000	0.2 0.3	2.885 0.000	0.2 0.000	0.1 0.000	0.1 0.000	0.0 0.000	0.0 0.000			
	TEST PROB.	AB=C? 0.8308	AB=D? 0.7895	AB=E? 0.7820	AB=F? 0.7703	AB=G? 0.7644	AB=H? 0.7685	AB=CD? 0.8489	AB=E-H? 0.8006	AB=FGH? 0.7816	HOMO, 0.9659	TREND, 0.6753
1963-66	OBS. EXP.	3	0	1	2	0	0	0	0			
	RELATIVE RISK	0.000 1.000	0.6 1.2	0.863 3.002	0.7 5.233	0.2 0.000	0.2 0.000	0.1 0.000	0.0 0.000			
	TEST PROB.	AB=C? 0.3394	AB=D? 0.7935	AB=E? 0.7888	AB=F? 0.7747	AB=G? 0.7675	AB=H? 0.7694	AB=CD? 0.4503	AB=E-H? 0.8129	AB=FGH? 0.7892	HOMO, 0.7885	TREND, 0.6947
1967-70	OBS. EXP.	4	0	0	2	1	0	0	1			
	RELATIVE RISK	0.000 1.000	1.0 1.2	0.000 2.797	0.7 2.653	0.4 0.000	0.3 0.000	0.2 0.000	0.1 0.000			
	TEST PROB.	AB=C? 0.1499	AB=D? 0.2398	AB=E? X	AB=F? X	AB=G? X	AB=H? 0.2398	AB=CD? 0.1056	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO, 0.0394	TREND, 0.0271
1971-74	OBS. EXP.	3	1	0	1	0	1	0	0			
	RELATIVE RISK	1.450 1.000	0.7 1.1	0.000 1.730	0.6 3.032	0.3 0.000	0.2 8.536	0.1 0.000	0.1 0.000			
	TEST PROB.	AB=C? 0.2807	AB=D? 0.7919	AB=E? 0.2507	AB=F? 0.7748	AB=G? 0.7678	AB=H? 0.7686	AB=CD? 0.3062	AB=E-H? 0.2623	AB=FGH? 0.7889	HOMO, 0.6476	TREND, 0.3943
1975-78	OBS. EXP.	2	0	0	0	1	0	0	1			
	RELATIVE RISK	0.000 1.000	0.5 0.7	0.000 0.000	0.4 0.000	0.2 5.620	0.2 0.000	0.1 0.000	0.0 22.206			
	TEST PROB.	AB=C? X	AB=D? 0.2398	AB=E? X	AB=F? X	AB=G? 0.2398	AB=H? X	AB=CD? 0.2398	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO, 0.0005	TREND, 0.0447

TABLE 23-1 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 23-1

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	106	44	21	22	7	2	6	1	3		
	EXP.		39.6	31.1	19.9	6.2	4.8	2.1	1.0	1.3		
	OBS./EXP. RELATIVE RISK		1.112	0.675	1.107	1.127	0.418	2.794	1.029	2.284		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3365	0.4507	0.8298	0.0483	0.3970	0.2314	0.3109	0.2441	0.0388	0.0381	0.0343
1950-54	OBS. EXP.	8	4	1	2	0	0	0	1	0		
			3.3	2.2	1.5	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.194	0.453	1.307	0.000	0.000	0.000	15.370	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3731	0.8031	0.7919	0.7742	0.2453	0.7702	0.4099	0.3036	0.2656	0.0110	0.1483
1955-58	OBS. EXP.	6	2	2	2	0	0	0	0	0		
			1.9	2.0	1.2	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.046	1.020	1.694	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3683	0.7981	0.7893	0.7737	0.7663	0.7696	0.3453	0.8114	0.7873	0.9805	0.7689
1959-62	OBS. EXP.	10	3	1	4	0	0	1	0	1		
			3.8	3.0	1.9	0.6	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.797	0.331	2.064	0.000	0.000	5.941	0.000	9.461		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.1693	0.7968	0.7874	0.2488	0.7664	0.2465	0.2523	0.1759	0.0499	0.0215	0.0049
1963-66	OBS. EXP.	14	6	4	2	1	0	1	0	0		
			5.6	4.0	2.6	0.8	0.6	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.080	1.008	0.778	1.232	0.000	3.864	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6670	0.4061	0.8270	0.2768	0.7752	0.7795	0.6206	0.6415	0.3274	0.8688	0.5330
1967-70	OBS. EXP.	20	9	4	3	2	1	1	0	0		
			7.3	5.7	3.8	1.2	1.0	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.230	0.696	0.791	1.634	0.986	2.232	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6617	0.3877	0.4033	0.2819	0.7762	0.7821	0.5210	0.3860	0.3400	0.9088	0.5581
1971-74	OBS. EXP.	20	7	3	5	1	1	1	0	2		
			7.7	5.9	3.8	1.1	0.8	0.3	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.914	0.508	1.330	0.891	1.233	2.877	0.000	8.706		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3171	0.3970	0.3251	0.2723	0.7756	0.0499	0.3249	0.1459	0.1018	0.0170	0.0009
1975-78	OBS. EXP.	28	13	6	4	3	0	2	0	0		
			10.2	8.3	5.1	1.7	1.4	0.7	0.3	0.4		
	OBS./EXP. RELATIVE RISK		1.280	0.727	0.785	1.741	0.000	2.983	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6869	0.4310	0.8763	0.3529	0.7950	0.7999	0.5258	0.7123	0.3800	0.3910	0.6349

TABLE 23-2 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 23-2

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	3	0	2	0	0	0	1	0	0		
	EXP.	0.9	1.0	0.7	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	1.910	0.000	0.000	0.000	17.554	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8576	AB=D? 0.7926	AB=E? 0.7818	AB=F? 0.2461	AB=G? 0.7656	AB=H? 0.7694	AB=CD? 0.8737	AB=E-H? 0.2664	AB=FGH? 0.2533	HOMO. 0.0096	TREND. 0.0911
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	RELATIVE RISK	0.000	0.000	0.000	0.000	0.000	0.000	115.239	0.000	0.000		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1967-70	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK	0.000	2.554	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8340	AB=D? 0.7823	AB=E? 0.7755	AB=F? 0.7696	AB=G? 0.7642	AB=H? 0.7663	AB=CD? 0.8472	AB=E-H? 0.7923	AB=FGH? 0.7788	HOMO. 0.9804	TREND. 0.6134
1971-74	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK	0.000	2.541	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8311	AB=D? 0.7829	AB=E? 0.7744	AB=F? 0.7682	AB=G? 0.7636	AB=H? 0.7663	AB=CD? 0.8449	AB=E-H? 0.7397	AB=FGH? 0.7770	HOMO. 0.9809	TREND. 0.6114
1975-78	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X

TABLE 23-3 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE EXCEPT LEUKEMIA HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 23-3

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	14	8	2	1	1	1	0	1	0		
	EXP.		4.9	4.5	2.2	0.8	0.9	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK		1.635 1.000	0.442 1.000	0.457 0.431	1.314 1.237	1.161 1.093	0.000 0.000	6.563 6.180	0.000 0.000		
	TEST PROB.	AB=C? 0.7965	AB=D? 0.3961	AB=E? 0.3995	AB=F? 0.8113	AB=G? 0.2587	AB=H? 0.7851	AB=CD? 0.7447	AB=E-H? 0.3828	AB=FGH? 0.3765	HOMO. 0.2139	TREND. 0.4041
1950-54	OBS. TOTAL	1	0	0	0	0	0	0	1	0		
	EXP.		0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	92.566 X	0.000 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? 0.2398	AB=H? X	AB=CD? X	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO. 0.0000	TREND. 0.0007
1955-58	OBS. TOTAL	1	0	0	1	0	0	0	0	0		
	EXP.		0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 X	0.000 X	6.168 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO. 0.6395	TREND. 0.5599
1959-62	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.											
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.		0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		4.526 1.000	0.000 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8131	AB=D? 0.7894	AB=E? 0.7977	AB=F? 0.7810	AB=G? 0.7561	AB=H? 0.7662	AB=CD? 0.5336	AB=E-H? 0.8219	AB=FGH? 0.7911	HOMO. 0.3324	TREND. 0.7760
1967-70	OBS. TOTAL	2	2	0	0	0	0	0	0	0		
	EXP.		0.7	0.6	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		2.923 1.000	0.000 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8295	AB=D? 0.7926	AB=E? 0.7996	AB=F? 0.7812	AB=G? 0.7673	AB=H? 0.7671	AB=CD? 0.5490	AB=E-H? 0.8228	AB=FGH? 0.7925	HOMO. 0.7654	TREND. 0.7611
1971-74	OBS. TOTAL	2	1	0	0	0	1	0	0	0		
	EXP.		0.9	0.6	0.3	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.119 1.000	0.000 1.000	0.000 0.000	0.000 0.000	17.994 27.572	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7961	AB=D? 0.7691	AB=E? 0.2438	AB=F? 0.7638	AB=G? 0.7624	AB=H? 0.7638	AB=CD? 0.8031	AB=E-H? 0.2486	AB=FGH? 0.7692	HOMO. 0.0167	TREND. 0.0877
1975-78	OBS. TOTAL	7	4	2	0	1	0	0	0	0		
	EXP.		2.4	2.4	1.1	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.655 1.000	0.846 1.000	0.000 0.000	2.747 2.188	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8706	AB=D? 0.3038	AB=E? 0.8173	AB=F? 0.7908	AB=G? 0.7713	AB=H? 0.7765	AB=CD? 0.7431	AB=E-H? 0.8518	AB=FGH? 0.8116	HOMO. 0.7617	TREND. 0.7893

TABLE 23-4 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
HIROSHIWA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 23-4

YEAR CLASS	OBS. EXP.	T-65 TOTAL DOSE IN RAD									
		A	B	C	D	E	F	G	H		
1950-78	22	9	3	6	1	0	2	0	1		
TOTAL		8.7	6.2	3.9	1.3	1.0	0.5	0.2	0.3		
OBS./EXP.		1.030	0.487	1.545	0.788	0.000	4.211	0.000	3.530		
RELATIVE RISK		1.000		1.917	0.978	0.000	5.227	0.000	4.382		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.2465	0.5804	0.8408	0.2129	0.7849	0.2683	0.2868	0.4292	0.1661	0.1498	0.0751
1950-54	1	0	0	1	0	0	0	0	0		
OBS./EXP.		0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0		
OBS./EXP.		0.000	0.000	5.426	0.000	0.000	0.000	0.000	0.000		
RELATIVE RISK		X	X	X	X	X	X	X	X		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.2398	X	X	X	X	X	0.2398	X	X	0.7296	0.5351
1955-58	0	0	0	0	0	0	0	0	0		
OBS./EXP.											
OBS./EXP.											
RELATIVE RISK											
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	X	X	X	X	X	X	X	X	X	X	X
1959-62	3	1	0	1	0	0	0	0	1		
OBS./EXP.		1.3	0.8	0.5	0.1	0.1	0.0	0.0	0.0		
OBS./EXP.		0.752	0.000	1.957	0.000	0.000	0.000	0.000	30.131		
RELATIVE RISK		1.000		4.240	0.000	0.000	0.000	0.000	65.271		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.2666	0.7716	0.7698	0.7649	0.7626	0.2414	0.2739	0.2495	0.2446	0.0001	0.0002
1963-66	4	2	1	1	0	0	0	0	0		
OBS./EXP.		1.8	1.1	0.7	0.2	0.1	0.1	0.1	0.0		
OBS./EXP.		1.123	0.914	1.442	0.000	0.000	0.000	0.000	0.000		
RELATIVE RISK		1.000		1.381	0.000	0.000	0.000	0.000	0.000		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.3551	0.7876	0.7774	0.7678	0.7645	0.7667	0.4187	0.7930	0.7778	0.9990	0.6922
1967-70	3	2	0	1	0	0	0	0	0		
OBS./EXP.		1.1	0.9	0.6	0.2	0.1	0.1	0.1	0.0		
OBS./EXP.		1.843	0.000	1.805	0.000	0.000	0.000	0.000	0.000		
RELATIVE RISK		1.000		1.812	0.000	0.000	0.000	0.000	0.000		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.3187	0.7802	0.7737	0.7662	0.7636	0.7652	0.3543	0.7863	0.7740	0.9189	0.7243
1971-74	4	1	0	2	0	0	1	0	0		
OBS./EXP.		1.8	1.1	0.7	0.2	0.1	0.0	0.0	0.0		
OBS./EXP.		0.559	0.000	2.804	0.000	0.000	21.352	0.000	0.000		
RELATIVE RISK		1.000		8.007	0.000	0.000	60.971	0.000	0.000		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.2312	0.7759	0.7637	0.2417	0.7622	0.7633	0.2996	0.2494	0.2445	0.0014	0.0421
1975-78	7	3	2	0	1	0	1	0	0		
OBS./EXP.		2.3	2.0	1.2	0.5	0.4	0.2	0.1	0.1		
OBS./EXP.		1.290	1.008	0.000	1.829	0.000	4.155	0.000	0.000		
RELATIVE RISK		1.000		0.000	1.576	0.000	3.580	0.000	0.000		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.8801	0.3270	0.8226	0.2803	0.7797	0.7782	0.7650	0.6305	0.3327	0.6733	0.5173

TABLE 23-5 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE EXCEPT LEUKEMIA MIYOSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 23-5

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	45	16	8	11	4	1	3	0	2		
	EXP.		15.9	13.3	8.8	2.8	2.2	0.9	0.4	0.6		
	OBS./EXP. RELATIVE RISK		1.009	0.603	1.245	1.427	0.454	3.188	0.000	3.138		
	TEST PROB.	AB=C? 0.2498	AB=D? 0.3189	AB=E? 0.7258	AB=F? 0.0819	AB=G? 0.7939	AB=H? 0.2188	AB=CD? 0.1974	AB=E-H? 0.2470	AB=FGH? 0.0724	HOMO. 0.1115	TREND. 0.0366
1950-54	OBS. TOTAL	3	2	0	1	0	0	0	0	0		
	EXP.		1.1	0.9	0.6	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.857	0.000	1.610	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3325	AB=D? 0.7859	AB=E? 0.7821	AB=F? 0.7711	AB=G? 0.7651	AB=H? 0.7676	AB=CD? 0.3718	AB=E-H? 0.8008	AB=FGH? 0.7822	HOMO. 0.9305	TREND. 0.7131
1955-58	OBS. TOTAL	3	0	2	1	0	0	0	0	0		
	EXP.		0.9	1.1	0.7	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	1.839	1.516	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3493	AB=D? 0.7862	AB=E? 0.7816	AB=F? 0.7713	AB=G? 0.7652	AB=H? 0.7677	AB=CD? 0.4036	AB=E-H? 0.8006	AB=FGH? 0.7824	HOMO. 0.9416	TREND. 0.6239
1959-62	OBS. TOTAL	3	1	1	1	0	0	0	0	0		
	EXP.		0.9	1.0	0.6	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.151	1.010	1.677	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3363	AB=D? 0.7866	AB=E? 0.7818	AB=F? 0.7713	AB=G? 0.7650	AB=H? 0.7677	AB=CD? 0.3990	AB=E-H? 0.8006	AB=FGH? 0.7822	HOMO. 0.9968	TREND. 0.7239
1963-66	OBS. TOTAL	2	1	0	0	0	0	1	0	0		
	EXP.		0.4	0.7	0.4	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		2.323	0.000	0.000	0.000	0.000	14.909	0.000	0.000		
	TEST PROB.	AB=C? 0.8173	AB=D? 0.7935	AB=E? 0.7888	AB=F? 0.2461	AB=G? 0.7675	AB=H? 0.7694	AB=CD? 0.8401	AB=E-H? 0.2673	AB=FGH? 0.2535	HOMO. 0.0326	TREND. 0.2570
1967-70	OBS. TOTAL	11	2	3	2	2	1	1	0	0		
	EXP.		4.2	3.0	2.0	0.7	0.6	0.2	0.1	0.2		
	OBS./EXP. RELATIVE RISK		0.480	0.994	0.988	2.840	1.704	4.212	0.000	0.000		
	TEST PROB.	AB=C? 0.3724	AB=D? 0.2372	AB=E? 0.2799	AB=F? 0.2488	AB=G? 0.7645	AB=H? 0.7682	AB=CD? 0.3193	AB=E-H? 0.2902	AB=FGH? 0.2602	HOMO. 0.4579	TREND. 0.1702
1971-74	OBS. TOTAL	10	4	1	2	1	0	0	0	2		
	EXP.		3.6	2.9	1.9	0.6	0.5	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.097	0.350	1.045	1.614	0.000	0.000	0.000	14.906		
	TEST PROB.	AB=C? 0.3753	AB=D? 0.2983	AB=E? 0.3050	AB=F? 0.7820	AB=G? 0.7706	AB=H? 0.0185	AB=CD? 0.4169	AB=E-H? 0.4261	AB=FGH? 0.2171	HOMO. 0.0002	TREND. 0.0007
1975-78	OBS. TOTAL	13	6	1	4	1	0	1	0	0		
	EXP.		5.0	3.7	2.6	0.8	0.6	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.210	0.273	1.539	1.314	0.000	4.387	0.000	0.000		
	TEST PROB.	AB=C? 0.3323	AB=D? 0.3341	AB=E? 0.8100	AB=F? 0.2592	AB=G? 0.7719	AB=H? 0.7745	AB=CD? 0.3283	AB=E-H? 0.3664	AB=FGH? 0.2833	HOMO. 0.4920	TREND. 0.4596

TABLE 23-6 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE EXCEPT LEUKEMIA HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 23-6

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
			A	B	C	D	E	F	G	H		
1950-78	OBS. TOTAL	22	11	6	4	1	0	0	0	0		
	EXP.		9.2	6.1	4.3	1.2	0.7	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.192	0.981	0.935	0.830	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6446	AB=D? 0.6590	AB=E? 0.8234	AB=F? 0.7914	AB=G? 0.7748	AB=H? 0.7796	AB=CD? 0.6606	AB=E-H? 0.3650	AB=FGH? 0.8175	HOMO, 0.9782	TREND, 0.8525
1950-54	OBS. TOTAL	3	2	1	0	0	0	0	0	0		
	EXP.		1.4	0.8	0.5	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.469	1.264	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8422	AB=D? 0.7879	AB=E? 0.7773	AB=F? 0.7660	AB=G? 0.7630	AB=H? 0.7647	AB=CD? 0.8578	AB=E-H? 0.7885	AB=FGH? 0.7729	HOMO, 0.9909	TREND, 0.7027
1955-58	OBS. TOTAL	2	2	0	0	0	0	0	0	0		
	EXP.		0.9	0.5	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		2.252	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8256	AB=D? 0.7821	AB=E? 0.7749	AB=F? 0.7654	AB=G? 0.7626	AB=H? 0.7641	AB=CD? 0.8395	AB=E-H? 0.7849	AB=FGH? 0.7713	HOMO, 0.9268	TREND, 0.6865
1959-62	OBS. TOTAL	3	1	0	2	0	0	0	0	0		
	EXP.		1.1	0.9	0.6	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.915	0.000	3.110	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2869	AB=D? 0.7755	AB=E? 0.7661	AB=F? 0.7628	AB=G? 0.7614	AB=H? 0.7613	AB=CD? 0.3643	AB=E-H? 0.7706	AB=FGH? 0.7650	HOMO, 0.7631	TREND, 0.5914
1963-66	OBS. TOTAL	7	2	3	1	1	0	0	0	0		
	EXP.		3.1	1.3	1.3	0.4	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.641	1.653	0.772	2.595	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6537	AB=D? 0.2901	AB=E? 0.7354	AB=F? 0.7707	AB=G? 0.7647	AB=H? 0.7667	AB=CD? 0.3992	AB=E-H? 0.8034	AB=FGH? 0.7805	HOMO, 0.9187	TREND, 0.6246
1967-70	OBS. TOTAL	3	3	0	0	0	0	0	0	0		
	EXP.		1.2	0.8	0.6	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		2.516	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8562	AB=D? 0.7940	AB=E? 0.7374	AB=F? 0.7741	AB=G? 0.7644	AB=H? 0.7663	AB=CD? 0.8728	AB=E-H? 0.8059	AB=FGH? 0.7830	HOMO, 0.6755	TREND, 0.7374
1971-74	OBS. TOTAL	3	1	1	1	0	0	0	0	0		
	EXP.		1.1	1.0	0.6	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.887	1.052	1.672	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3229	AB=D? 0.7899	AB=E? 0.7763	AB=F? 0.7685	AB=G? 0.7642	AB=H? 0.7628	AB=CD? 0.3606	AB=E-H? 0.7889	AB=FGH? 0.7745	HOMO, 0.9989	TREND, 0.6348
1975-78	OBS. TOTAL	1	0	1	0	0	0	0	0	0		
	EXP.		0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	3.925	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8121	AB=D? 0.7752	AB=E? 0.7660	AB=F? 0.7627	AB=G? 0.7611	AB=H? 0.7612	AB=CD? 0.8226	AB=E-H? 0.7701	AB=FGH? 0.7646	HOMO, 0.8919	TREND, 0.6062

TABLE 23-7 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 23-7

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD								
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	55	21	12	10	4	2	4	0	2	
EXP.		20.8	16.0	9.6	3.3	2.8	1.2	0.6	0.8	
OBS./EXP. RELATIVE RISK		1.011	0.749	1.039	1.221	0.724	3.329	0.000	2.539	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.4628	0.4778	0.6214	0.0563	0.8059	0.3111	0.3396	0.2028	0.0809	0.1671 0.0363
1950-54	3	2	1	0	0	0	0	0	0	
EXP.		1.3	0.8	0.5	0.1	0.1	0.0	0.0	0.0	
OBS./EXP. RELATIVE RISK		1.494	1.249	0.000	0.000	0.000	0.000	0.000	0.000	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.8413	0.7871	0.7806	0.7668	0.7634	0.7659	0.8565	0.7936	0.7751	0.9901 0.6898
1955-58	3	2	1	0	0	0	0	0	0	
EXP.		1.3	0.8	0.5	0.1	0.1	0.0	0.0	0.0	
OBS./EXP. RELATIVE RISK		1.499	1.255	0.000	0.000	0.000	0.000	0.000	0.000	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.8418	0.7881	0.7805	0.7672	0.7635	0.7658	0.8575	0.7938	0.7754	0.9897 0.6903
1959-62	5	2	0	2	0	0	1	0	0	
EXP.		2.0	1.4	0.9	0.3	0.2	0.1	0.0	0.1	
OBS./EXP. RELATIVE RISK		0.979	0.000	2.297	0.000	0.000	11.156	0.000	0.000	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.3370	0.7788	0.7761	0.2433	0.7632	0.7652	0.4770	0.2575	0.2477	0.0793 0.1812
1963-66	9	4	2	2	1	0	0	0	0	
EXP.		3.8	2.5	1.6	0.5	0.3	0.1	0.1	0.1	
OBS./EXP. RELATIVE RISK		1.059	0.812	1.246	1.955	0.000	0.000	0.000	0.000	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.3831	0.3129	0.8033	0.7806	0.7701	0.7736	0.4030	0.8325	0.7998	0.9880 0.7098
1967-70	12	2	4	2	2	1	1	0	0	
EXP.		4.1	3.6	2.3	0.8	0.7	0.3	0.1	0.2	
OBS./EXP. RELATIVE RISK		0.487	1.124	0.879	2.577	1.483	3.440	0.000	0.000	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.4130	0.3029	0.3030	0.2576	0.7684	0.7743	0.4249	0.4569	0.2797	0.6025 0.2580
1971-74	10	3	1	2	0	1	1	0	2	
EXP.		3.9	2.9	1.7	0.6	0.5	0.2	0.1	0.1	
OBS./EXP. RELATIVE RISK		0.773	0.345	1.161	0.000	2.022	4.900	0.000	14.252	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.3833	0.8016	0.2694	0.2509	0.7689	0.0113	0.3685	0.0374	0.0261	0.0001 0.0000
1975-78	13	6	3	2	1	0	1	0	0	
EXP.		4.4	4.0	2.1	0.9	0.8	0.4	0.2	0.2	
OBS./EXP. RELATIVE RISK		1.371	0.750	0.958	1.135	0.000	2.448	0.000	0.000	
TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
	0.5998	0.4206	0.8423	0.3020	0.7839	0.7862	0.5709	0.7400	0.4171	0.8837 0.7090

TABLE 23-8 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 23-8

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	51	23	9	12	3	0	2	1	1	
	EXP.	18.8	15.1	10.3	2.9	2.0	0.9	0.4	0.5	0.5	
	OBS./EXP. RELATIVE RISK	1,223	0,596	1,170	1,023	0,000	2,114	2,438	1,901	1,901	
	TEST PROB.	0,3868	0,4361	0,8950	0,4876	0,2923	1,084	0,000	2,240	2,582	2,014
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1950-54	OBS. TOTAL	5	2	0	2	0	0	0	1	0	
	EXP.	2.0	1.4	1.0	0.3	0.2	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	0,995	0,000	2,009	0,000	0,000	0,000	25,797	0,000	0,000	
	TEST PROB.	0,4099	0,7867	0,7792	0,7707	0,2425	0,7668	0,4022	0,2629	0,2506	0,0004
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1955-58	OBS. TOTAL	3	0	1	2	0	0	0	0	0	
	EXP.	0.6	1.2	0.6	0.2	0.2	0.1	0.0	0.0	0.1	
	OBS./EXP. RELATIVE RISK	0,000	0,859	3,107	0,000	0,000	0,000	0,000	0,000	0,000	
	TEST PROB.	0,3272	0,7814	0,7774	0,7704	0,7647	0,7666	0,4502	0,7954	0,7804	0,7637
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1959-62	OBS. TOTAL	5	1	1	2	0	0	0	0	1	
	EXP.	1.7	1.6	1.1	0.3	0.2	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	0,581	0,626	1,875	0,000	0,000	0,000	0,000	0,000	23,295	
	TEST PROB.	0,4582	0,7874	0,7787	0,7709	0,7648	0,2427	0,3766	0,2610	0,2498	0,0015
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1963-66	OBS. TOTAL	5	2	2	0	0	0	1	0	0	
	EXP.	1.8	1.5	1.0	0.3	0.2	0.1	0.0	0.0	0.1	
	OBS./EXP. RELATIVE RISK	1,125	1,330	0,000	0,000	0,000	9,614	0,000	0,000	0,000	
	TEST PROB.	0,8610	0,8038	0,8009	0,2544	0,7677	0,7690	0,8820	0,3136	0,2709	0,2848
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1967-70	OBS. TOTAL	8	7	0	1	0	0	0	0	0	
	EXP.	3.2	2.2	1.5	0.4	0.3	0.2	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	2,183	0,000	0,659	0,000	0,000	0,000	0,000	0,000	0,000	
	TEST PROB.	0,7583	0,8178	0,3080	0,7852	0,7700	0,7708	0,8127	0,8368	0,8011	0,2930
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1971-74	OBS. TOTAL	10	4	2	3	1	0	0	0	0	
	EXP.	3.8	3.0	2.0	0.6	0.6	0.3	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	1,060	0,664	1,473	1,775	0,000	0,000	0,000	0,000	0,000	
	TEST PROB.	0,4350	0,3147	0,7981	0,7905	0,7695	0,7727	0,3972	0,8281	0,7937	0,9710
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,
1975-78	OBS. TOTAL	15	7	3	2	2	0	1	0	0	
	EXP.	5.8	4.3	3.0	0.8	0.6	0.3	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	1,211	0,705	0,665	2,376	0,000	3,817	0,000	0,000	0,000	
	TEST PROB.	0,7120	0,4535	0,8270	0,2736	0,7758	0,7791	0,4525	0,6144	0,3165	0,5986
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,

TABLE 23-9 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 23-9

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD									
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	71	33	13	15	3	1	4	1	1		
OBS./EXP.	32.0	18.7	12.9	3.4	2.2	0.8	0.4	0.4	0.6		
RELATIVE RISK	1.031	0.694	1.166	0.885	0.458	5.003	2.462	1.621	1.788		
TEST PROB.	AB=C? 0.3190	AB=D? 0.5507	AB=E? 0.7562	AB=F? 0.0147	AB=G? 0.2869	AB=H? 0.3184	AB=CD? 0.3516	AB=E-H? 0.1652	AB=FGH? 0.0240	HOMO. 0.0191	TREND. 0.0277
1950-54	7	3	1	2	0	0	0	1	0		
OBS./EXP.	3.2	1.8	1.3	0.3	0.2	0.1	0.0	0.0	0.1		
RELATIVE RISK	0.946	0.557	1.552	0.000	0.000	0.000	0.000	23.419	0.000		
TEST PROB.	AB=C? 0.3802	AB=D? 0.7938	AB=E? 0.7830	AB=F? 0.7679	AB=G? 0.2434	AB=H? 0.7664	AB=CD? 0.3693	AB=E-H? 0.2796	AB=FGH? 0.2559	HOMO. 0.0018	TREND. 0.0745
1955-58	3	2	1	0	0	0	0	0	0		
OBS./EXP.	1.3	0.8	0.5	0.1	0.1	0.0	0.0	0.0	0.0		
RELATIVE RISK	1.499	1.255	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
TEST PROB.	AB=C? 0.8418	AB=D? 0.7881	AB=E? 0.7805	AB=F? 0.7672	AB=G? 0.7635	AB=H? 0.7658	AB=CD? 0.8575	AB=E-H? 0.7938	AB=FGH? 0.7754	HOMO. 0.9897	TREND. 0.7129
1959-62	7	3	0	2	0	0	1	0	1		
OBS./EXP.	3.2	1.9	1.3	0.3	0.2	0.1	0.0	0.0	0.1		
RELATIVE RISK	0.941	0.000	1.583	0.000	0.000	0.000	12.600	0.000	18.082		
TEST PROB.	AB=C? 0.4708	AB=D? 0.7861	AB=E? 0.7782	AB=F? 0.2448	AB=G? 0.7637	AB=H? 0.2437	AB=CD? 0.3861	AB=E-H? 0.0924	AB=FGH? 0.0141	HOMO. 0.0001	TREND. 0.0000
1963-66	11	4	4	2	1	0	0	0	0		
OBS./EXP.	4.9	2.9	2.0	0.6	0.3	0.1	0.1	0.1	0.1		
RELATIVE RISK	0.816	1.375	1.006	1.755	0.000	0.000	0.000	0.000	0.000		
TEST PROB.	AB=C? 0.5355	AB=D? 0.3264	AB=E? 0.7972	AB=F? 0.7760	AB=G? 0.7679	AB=H? 0.7715	AB=CD? 0.4114	AB=E-H? 0.8225	AB=FGH? 0.7924	HOMO. 0.9812	TREND. 0.7049
1967-70	12	7	3	1	0	0	1	0	0		
OBS./EXP.	5.5	3.1	2.2	0.6	0.4	0.1	0.1	0.1	0.1		
RELATIVE RISK	1.283	0.973	0.452	0.000	0.000	0.000	7.358	0.000	0.000		
TEST PROB.	AB=C? 0.8142	AB=D? 0.8232	AB=E? 0.8058	AB=F? 0.2583	AB=G? 0.7694	AB=H? 0.7735	AB=CD? 0.8555	AB=E-H? 0.3755	AB=FGH? 0.2839	HOMO. 0.3584	TREND. 0.4746
1971-74	14	5	1	5	1	1	1	0	0		
OBS./EXP.	6.3	3.7	2.5	0.6	0.4	0.2	0.1	0.1	0.1		
RELATIVE RISK	0.792	0.267	1.991	1.559	2.306	6.387	0.000	0.000	0.000		
TEST PROB.	AB=C? 0.1206	AB=D? 0.2904	AB=E? 0.2704	AB=F? 0.2507	AB=G? 0.7654	AB=H? 0.7690	AB=CD? 0.1162	AB=E-H? 0.2311	AB=FGH? 0.2651	HOMO. 0.1643	TREND. 0.1405
1975-78	17	9	3	3	1	0	1	0	0		
OBS./EXP.	7.7	4.6	3.1	0.8	0.5	0.2	0.1	0.1	0.1		
RELATIVE RISK	1.174	0.658	0.973	1.282	0.000	5.544	0.000	0.000	0.000		
TEST PROB.	AB=C? 0.4925	AB=D? 0.3609	AB=E? 0.8080	AB=F? 0.2606	AB=G? 0.7708	AB=H? 0.7761	AB=CD? 0.4361	AB=E-H? 0.4031	AB=FGH? 0.2925	HOMO. 0.6248	TREND. 0.4471

TABLE 23-10 MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE
EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 23-10

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS., TOTAL	35	11	8	7	4	1	2	0	2		
	EXP.		7.6	12.4	7.0	2.8	2.6	1.3	0.6	0.7		
	OBS./EXP. RELATIVE RISK		1.453 1.000	0.646	0.998 1.048	1.418 1.490	0.384 0.404	1.484 1.558	0.000	2.871 3.015		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.4489	0.4049	0.8019	0.3813	0.8098	0.2903	0.4602	0.4635	0.3764	0.3378	0.1891
1950-54	OBS., TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		5.620 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.8296	0.7810	0.7780	0.7703	0.7645	0.7667	0.8425	0.7956	0.7801	0.7062	0.6964
1955-58	OBS., TOTAL	3	0	1	2	0	0	0	0	0		
	EXP.		0.6	1.2	0.6	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	0.859	3.107 5.409	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.3272	0.7814	0.7774	0.7704	0.7647	0.7666	0.4502	0.7954	0.7804	0.7637	0.7012
1959-62	OBS., TOTAL	3	0	1	2	0	0	0	0	0		
	EXP.		0.6	1.2	0.7	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	0.860	2.968 5.156	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.3441	0.7820	0.7775	0.7704	0.7646	0.7667	0.4439	0.7954	0.7803	0.7962	0.6943
1963-66	OBS., TOTAL	3	2	0	0	0	0	1	0	0		
	EXP.		0.7	1.1	0.6	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		3.071 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	8.070 8.895	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.8361	0.8049	0.8075	0.2560	0.7700	0.7716	0.8629	0.3152	0.2721	0.1268	0.2702
1967-70	OBS., TOTAL	8	2	1	2	2	1	0	0	0		
	EXP.		1.9	2.7	1.6	0.7	0.6	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.074 1.000	0.375	1.266 1.911	2.996 4.521	1.614 2.435	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.3675	0.2463	0.2908	0.7882	0.7692	0.7719	0.2727	0.3654	0.8046	0.6999	0.5582
1971-74	OBS., TOTAL	6	2	2	0	0	0	0	0	2		
	EXP.		1.3	2.2	1.2	0.5	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.492 1.000	0.925	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	18.503 16.208		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.8837	0.3170	0.3041	0.7847	0.7722	0.0196	0.9065	0.4212	0.2367	0.0000	0.0003
1975-78	OBS., TOTAL	11	4	3	1	2	0	1	0	0		
	EXP.		2.5	3.7	2.0	0.9	0.9	0.5	0.2	0.2		
	OBS./EXP. RELATIVE RISK		1.603 1.000	0.812	0.497 0.439	2.122 1.877	0.000 0.000	2.041 1.805	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH? HOMO.	TREND.	
		0.7854	0.4017	0.8555	0.3260	0.7876	0.7886	0.5989	0.7805	0.5859	0.7019	0.6520

TABLE 24-1 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	375	149	94	69	26	18	12	3	4
	EXP.	152.7	104.3	71.9	20.5	13.6	5.7	2.7	3.6	
	OBS./EXP.	0.976	0.901	0.960	1.267	1.319	2.121	1.127	1.104	
	RELATIVE RISK	1.000		1.015	1.340	1.395	2.243	1.192	1.167	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.4831	0.1681	0.1980	0.0300	0.4120	0.4243	0.3267	0.0491	0.0677
										HOMO.
										TREND.
										0.0189
1950-54	OBS. TOTAL	31	11	9	7	2	0	1	0	1
	EXP.	13.0	8.5	6.1	1.6	1.0	0.4	0.2	0.2	0.2
	OBS./EXP.	0.844	1.060	1.149	1.221	0.000	2.701	0.000	4.175	
	RELATIVE RISK	1.000		1.237	1.315	0.000	2.908	0.000	4.494	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.4890	0.3834	0.8402	0.2847	0.7794	0.2685	0.4236	0.3948	0.3466
										HOMO.
										TREND.
										0.1151
1955-58	OBS. TOTAL	52	25	12	7	4	2	1	0	1
	EXP.	21.0	14.6	10.2	2.9	1.8	0.7	0.3	0.3	0.5
	OBS./EXP.	1.189	0.824	0.688	1.376	1.110	1.381	0.000	2.109	
	RELATIVE RISK	1.000		0.662	1.324	1.068	1.328	0.000	2.029	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.7907	0.4592	0.4283	0.3506	0.7936	0.3044	0.6986	0.4206	0.3838
										HOMO.
										TREND.
										0.3083
1959-62	OBS. TOTAL	58	17	19	15	1	4	1	1	0
	EXP.	24.1	15.9	11.1	3.2	2.0	0.8	0.4	0.4	0.5
	OBS./EXP.	0.704	1.191	1.352	0.315	2.006	1.298	2.625	0.000	
	RELATIVE RISK	1.000		1.505	0.351	2.234	1.445	2.923	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.2051	0.8224	0.2171	0.3319	0.2813	0.8018	0.3352	0.2400	0.3823
										HOMO.
										TREND.
										0.3309
1963-66	OBS. TOTAL	55	24	11	11	5	2	1	0	1
	EXP.	22.9	15.0	10.7	2.9	1.9	0.8	0.3	0.3	0.5
	OBS./EXP.	1.050	0.731	1.029	1.704	1.059	1.306	0.000	2.007	
	RELATIVE RISK	1.000		1.114	1.844	1.147	1.414	0.000	2.173	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.4568	0.2544	0.4043	0.3530	0.7932	0.3065	0.3396	0.4310	0.3843
										HOMO.
										TREND.
										0.2565
1967-70	OBS. TOTAL	54	21	12	13	3	2	2	1	0
	EXP.	21.1	15.2	10.5	3.1	2.1	1.0	0.4	0.4	0.6
	OBS./EXP.	0.996	0.791	1.238	0.956	0.939	2.044	2.322	0.000	
	RELATIVE RISK	1.000		1.361	1.051	1.031	2.246	2.552	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.2996	0.4574	0.5105	0.4341	0.2963	0.8121	0.3207	0.4719	0.4561
										HOMO.
										TREND.
										0.3868
1971-74	OBS. TOTAL	59	22	14	10	5	6	2	0	0
	EXP.	23.6	16.4	11.2	3.3	2.4	1.0	0.5	0.5	0.6
	OBS./EXP.	0.932	0.853	0.892	1.508	2.528	1.960	0.000	0.000	
	RELATIVE RISK	1.000		0.991	1.676	2.809	2.178	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.5246	0.2931	0.0608	0.3699	0.8011	0.8083	0.4362	0.1107	0.3985
										HOMO.
										TREND.
										0.2625
1975-78	OBS. TOTAL	64	29	17	6	6	2	4	1	1
	EXP.	27.1	18.4	12.1	3.5	2.6	1.1	0.5	0.5	0.7
	OBS./EXP.	1.072	0.922	0.495	1.712	0.771	3.662	1.388	1.503	
	RELATIVE RISK	1.000		0.489	1.693	0.762	3.621	1.867	1.486	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.9032	0.2447	0.6680	0.0704	0.3161	0.3429	0.7570	0.2374	0.0903
										HOMO.
										TREND.
										0.0385

TABLE 24-2 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-2

MIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR CLASS	OBS, EXP,	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS, EXP,	11	0 4.9	4 3.1	0 2.1	0 0.5	2 0.2	4 0.1	0 0.0	1 0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.309	0.000 0.000	0.000 0.000	8.298 16.499	35.119 69.827	0.000 0.000	14.973 29.770		
	TEST PROB.	AB=C? 0.8561	AB=D? 0.7882	AB=E? 0.0260	AB=F? 0.0000	AB=G? 0.7631	AB=H? 0.2428	AB=CD? 0.8701	AB=E-H? 0.0000	AB=FGH? 0.0000	HOMO, 0.0000	TREND, 0.0000
1950-54	OBS, EXP,	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1955-58	OBS, EXP,	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO, X	TREND, X
1959-62	OBS, EXP,	1	0 0.5	0 0.3	0 0.2	0 0.0	0 0.0	1 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	0.000 X	0.000 X	0.000 X	115.239 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO, 0.0000	TREND, 0.0000
1963-66	OBS, EXP,	1	0 0.5	0 0.3	0 0.2	0 0.0	0 0.0	0 0.0	0 0.0	1 0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	193.496 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? 0.2398	AB=CD? X	AB=E-H? 0.2398	AB=FGH? 0.2398	HOMO, 0.0000	TREND, 0.0000
1967-70	OBS, EXP,	2	0 0.7	0 0.7	0 0.4	0 0.1	2 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	0.000 X	0.000 X	30.284 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? 0.0011	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.0190	AB=FGH? X	HOMO, 0.0000	TREND, 0.0069
1971-74	OBS, EXP,	2	0 0.9	1 0.5	0 0.4	0 0.1	0 0.0	1 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000	1.873 1.000	0.000 0.000	0.000 0.000	0.000 0.000	57.161 84.273	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8075	AB=D? 0.7721	AB=E? 0.7656	AB=F? 0.2411	AB=G? 0.7613	AB=H? 0.7616	AB=CD? 0.3161	AB=E-H? 0.2454	AB=FGH? 0.2424	HOMO, 0.0000	TREND, 0.0029
1975-78	OBS, EXP,	5	0 2.4	3 1.3	0 0.9	0 0.2	0 0.1	2 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000	2.273 1.000	0.000 0.000	0.000 0.000	0.000 0.000	43.063 53.963	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8418	AB=D? 0.7830	AB=E? 0.7715	AB=F? 0.0000	AB=G? 0.7625	AB=H? 0.7631	AB=CD? 0.8546	AB=E-H? 0.0403	AB=FGH? 0.0029	HOMO, 0.0000	TREND, 0.0003

TABLE 24-3 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE AT8 10-19

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	25	10	8	3	1	0	2	1	0		
TOTAL	EXP.		10.2	7.4	4.1	1.2	1.1	0.5	0.3	0.3		
	OBS./EXP.		0.984	1.084	0.734	0.845	0.000	4.125	3.912	0.000		
	RELATIVE RISK		1.000		0.715	0.823	0.000	4.020	3.312	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7006	0.6139	0.8476	0.1984	0.2697	0.7928	0.7012	0.4234	0.1963	0.2724	0.2193
1950-54	OBS.	1	1	0	0	0	0	0	0	0		
	EXP.		0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP.		2.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8070	0.7736	0.7703	0.7642	0.7636	0.7632	0.8167	0.7796	0.7702	0.9919	0.6075
1955-58	OBS.	1	0	0	1	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	0.000	6.157	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK			X	X	X	X	X	X	X		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2398	X	X	X	X	X	0.2398	X	X	0.6409	0.5644
1959-62	OBS.	4	1	2	1	0	0	0	0	0		
	EXP.		1.8	1.1	0.7	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.546	1.883	1.477	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.425	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3497	0.7833	0.7783	0.7677	0.7660	0.7667	0.4013	0.7950	0.7791	0.9704	0.7067
1963-66	OBS.	2	1	0	0	1	0	0	0	0		
	EXP.		0.6	0.7	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.		1.545	0.000	0.000	9.190	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	12.375	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7961	0.2471	0.7680	0.7638	0.7623	0.7639	0.2775	0.7766	0.7693	0.2722	0.5068
1967-70	OBS.	1	0	1	0	0	0	0	0	0		
	EXP.		0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP.		0.000	3.123	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7961	0.7690	0.7680	0.7637	0.7623	0.7639	0.8029	0.7766	0.7693	0.9527	0.6139
1971-74	OBS.	4	1	1	1	0	0	1	0	0		
	EXP.		1.3	1.1	0.7	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.544	0.940	1.486	0.000	0.000	19.830	0.000	0.000		
	RELATIVE RISK		1.000		2.157	0.000	0.000	29.859	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3003	0.7767	0.7733	0.2436	0.7663	0.7651	0.3199	0.2604	0.2499	0.0087	0.0382
1975-78	OBS.	12	6	4	0	0	0	1	1	0		
	EXP.		4.7	3.6	1.9	0.6	0.6	0.3	0.1	0.2		
	OBS./EXP.		1.266	1.109	0.000	0.000	0.000	3.903	8.187	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	3.258	6.834	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.9085	0.8276	0.8283	0.2810	0.2564	0.7812	0.9290	0.3745	0.3183	0.0964	0.1863

TABLE 24-4 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-4

HIROSHIMA - NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	57	28	7	8	6	6	1	0	1		
	EXP.	23.0	16.0	10.2	3.2	2.3	1.1	0.6	0.7			
	OBS./EXP. RELATIVE RISK	1,219	0,438	0,784	1,877	2,596	0,910	0,000	1,402	1,560		
	TEST PROB.	AB=C? 0.6289	AB=D? 0.1605	AB=E? 0.0747	AB=F? 0.5477	AB=G? 0.8109	AB=H? 0.3378	AB=CD? 0.4225	AB=E-H? 0.1619	AB=FGH? 0.5770	HOMO. 0.0279	TREND. 0.1577
1950-54	OBS. TOTAL	2	1	0	1	0	0	0	0	0		
	EXP.	0.9	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1,130	0,000	2,868	0,000	0,000	0,000	0,000	0,000	0,000		
	TEST PROB.	AB=C? 0.2691	AB=D? 0.7717	AB=E? 0.7699	AB=F? 0.7649	AB=G? 0.7626	AB=H? 0.7635	AB=CD? 0.2780	AB=E-H? 0.7793	AB=FGH? 0.7703	HOMO. 0.9599	TREND. 0.6097
1955-58	OBS. TOTAL	5	2	1	1	0	0	0	0	1		
	EXP.	2.2	1.3	0.9	0.3	0.1	0.1	0.0	0.0	0.1		
	OBS./EXP. RELATIVE RISK	0,895	0,773	1,085	0,000	0,000	0,000	0,000	0,000	13,778		
	TEST PROB.	AB=C? 0.3712	AB=D? 0.7903	AB=E? 0.7768	AB=F? 0.7669	AB=G? 0.7643	AB=H? 0.2448	AB=CD? 0.5305	AB=E-H? 0.2688	AB=FGH? 0.2536	HOMO. 0.0148	TREND. 0.0059
1959-62	OBS. TOTAL	3	1	0	0	1	1	0	0	0		
	EXP.	1.1	0.9	0.6	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0,918	0,000	0,000	5,493	7,731	0,000	0,000	0,000	0,000		
	TEST PROB.	AB=C? 0.8085	AB=D? 0.2483	AB=E? 0.2469	AB=F? 0.7636	AB=G? 0.7623	AB=H? 0.7635	AB=CD? 0.2823	AB=E-H? 0.2540	AB=FGH? 0.7687	HOMO. 0.1309	TREND. 0.1918
1963-66	OBS. TOTAL	4	3	1	0	0	0	0	0	0		
	EXP.	1.8	1.1	0.7	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	1,680	0,940	0,000	0,000	0,000	0,000	0,000	0,000	0,000		
	TEST PROB.	AB=C? 0.8560	AB=D? 0.7945	AB=E? 0.7812	AB=F? 0.7693	AB=G? 0.7655	AB=H? 0.7682	AB=CD? 0.8732	AB=E-H? 0.7997	AB=FGH? 0.7814	HOMO. 0.9610	TREND. 0.7239
1967-70	OBS. TOTAL	9	4	1	3	1	0	0	0	0		
	EXP.	3.4	2.5	1.6	0.6	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1,179	0,396	1,893	1,761	0,000	0,000	0,000	0,000	0,000		
	TEST PROB.	AB=C? 0.3545	AB=D? 0.3018	AB=E? 0.8126	AB=F? 0.7921	AB=G? 0.7752	AB=H? 0.7759	AB=CD? 0.3061	AB=E-H? 0.8509	AB=FGH? 0.8151	HOMO. 0.8230	TREND. 0.7457
1971-74	OBS. TOTAL	16	7	3	0	2	4	0	0	0		
	EXP.	6.0	4.6	2.9	2.9	1.0	0.7	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1,163	0,450	0,000	2,071	5,341	0,000	0,000	0,000	0,000		
	TEST PROB.	AB=C? 0.9223	AB=D? 0.4849	AB=E? 0.0271	AB=F? 0.3007	AB=G? 0.7814	AB=H? 0.7841	AB=CD? 0.7766	AB=E-H? 0.1564	AB=FGH? 0.8326	HOMO. 0.0061	TREND. 0.2566
1975-78	OBS. TOTAL	18	10	1	3	2	1	1	0	0		
	EXP.	7.5	5.1	3.2	0.9	0.7	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1,325	0,198	0,949	2,182	1,522	3,372	0,000	0,000	0,000		
	TEST PROB.	AB=C? 0.4168	AB=D? 0.3976	AB=E? 0.3237	AB=F? 0.2728	AB=G? 0.7786	AB=H? 0.7817	AB=CD? 0.4517	AB=E-H? 0.3869	AB=FGH? 0.3278	HOMO. 0.3709	TREND. 0.3448

TABLE 24-5 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR CLASS	OBS. TOTAL	T-65 TOTAL OOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	136	47	40	29	9	4	4	2	1		
	EXP.	54.8	36.9	26.8	7.5	5.4	2.1	1.0	1.4			
	OBS./EXP. RELATIVE RISK	0.857	1.085	1.081	1.198	0.743	1.890	2.005	0.698			
	TEST PROB.	AB=C? 0.3672	AB=D? 0.3645	AB=E? 0.6877	AB=F? 0.2380	AB=G? 0.4673	AB=H? 0.6686	AB=CD? 0.3028	AB=E-H? 0.4657	AB=FGH? 0.2573	HOMO. 0.6432	TREND. 0.2498
1950-54	OBS. TOTAL	9	2	5	1	0	0	1	0	0		
	EXP.	3.8	2.3	1.9	0.5	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.527	2.146	0.537	0.000	0.000	8.486	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7754	AB=D? 0.8168	AB=E? 0.7986	AB=F? 0.2555	AB=G? 0.7689	AB=H? 0.7716	AB=CD? 0.8212	AB=E-H? 0.3329	AB=FGH? 0.2753	HOMO. 0.1023	TREND. 0.3662
1955-58	OBS. TOTAL	12	6	3	1	0	1	1	0	0		
	EXP.	4.6	3.3	2.4	0.7	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.291	0.896	0.411	0.000	2.139	5.117	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8208	AB=D? 0.8337	AB=E? 0.3197	AB=F? 0.2647	AB=G? 0.7743	AB=H? 0.7790	AB=CD? 0.8660	AB=E-H? 0.4026	AB=FGH? 0.3014	HOMO. 0.5273	TREND. 0.3753
1959-62	OBS. TOTAL	22	5	9	6	0	1	0	1	0		
	EXP.	8.9	6.0	4.2	1.2	0.9	0.3	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.560	1.504	1.412	0.000	1.119	0.000	6.295	0.000	0.000		
	TEST PROB.	AB=C? 0.3553	AB=D? 0.8488	AB=E? 0.3935	AB=F? 0.7916	AB=G? 0.2571	AB=H? 0.7837	AB=CD? 0.4379	AB=E-H? 0.3985	AB=FGH? 0.3522	HOMO. 0.1710	TREND. 0.4136
1963-66	OBS. TOTAL	22	9	6	6	1	0	0	0	0		
	EXP.	9.1	5.9	4.4	1.1	0.8	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.988	1.010	1.367	0.888	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4192	AB=D? 0.6080	AB=E? 0.5360	AB=F? 0.7959	AB=G? 0.7767	AB=H? 0.7266	AB=CD? 0.4576	AB=E-H? 0.8771	AB=FGH? 0.8277	HOMO. 0.9573	TREND. 0.8399
1967-70	OBS. TOTAL	24	8	6	5	2	0	2	1	0		
	EXP.	9.3	6.6	4.8	1.4	1.0	0.4	0.2	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.863	0.909	1.048	1.413	0.000	4.609	4.992	0.000	0.000		
	TEST PROB.	AB=C? 0.4245	AB=D? 0.3799	AB=E? 0.8411	AB=F? 0.1395	AB=G? 0.2630	AB=H? 0.7885	AB=CD? 0.4550	AB=E-H? 0.4166	AB=FGH? 0.1375	HOMO. 0.1518	TREND. 0.1486
1971-74	OBS. TOTAL	23	9	4	7	2	1	0	0	0		
	EXP.	9.7	6.1	4.4	1.2	0.9	0.3	0.1	0.1	0.2		
	OBS./EXP. RELATIVE RISK	0.930	0.659	1.574	1.645	1.113	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2210	AB=D? 0.4388	AB=E? 0.3491	AB=F? 0.7891	AB=G? 0.7739	AB=H? 0.7793	AB=CD? 0.1849	AB=E-H? 0.6295	AB=FGH? 0.8145	HOMO. 0.8422	TREND. 0.6556
1975-78	OBS. TOTAL	24	8	7	3	4	1	0	0	1		
	EXP.	9.5	6.6	4.7	1.4	1.0	0.4	0.2	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.842	1.063	0.644	2.893	0.956	0.000	0.000	0.000	4.171		
	TEST PROB.	AB=C? 0.7246	AB=D? 0.0980	AB=E? 0.4288	AB=F? 0.7968	AB=G? 0.7781	AB=H? 0.2664	AB=CD? 0.4616	AB=E-H? 0.4173	AB=FGH? 0.3664	HOMO. 0.2623	TREND. 0.1236

TABLE 24-6 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS.	146	64	35	29	10	6	1	0	1		
TOTAL	EXP.		59.8	41.0	28.7	8.2	4.6	1.8	0.8	1.1		
	OBS./EXP.		1.070	0.854	1.011	1.226	1.305	0.542	0.000	0.925		
	RELATIVE RISK		1.000		1.030	1.249	1.330	0.552	0.000	0.942		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4703	0.3657	0.3983	0.7333	0.8275	0.5695	0.4228	0.5298	0.7742	0.8610	0.6162
1950-54	OBS.	19	7	4	5	2	0	0	0	1		
TOTAL	EXP.		7.9	5.4	3.7	1.0	0.6	0.2	0.1	0.1		
	OBS./EXP.		0.887	0.745	1.351	1.954	0.000	0.000	0.000	7.440		
	RELATIVE RISK		1.000		1.628	2.355	0.000	0.000	0.000	8.970		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3630	0.4004	0.8101	0.7803	0.7698	0.2533	0.2626	0.3861	0.2861	0.3072	0.0726
1955-58	OBS.	34	17	8	4	4	1	0	0	0		
TOTAL	EXP.		13.9	9.5	6.7	1.9	1.1	0.4	0.2	0.3		
	OBS./EXP.		1.219	0.838	0.601	2.122	0.911	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.565	1.994	0.856	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8130	0.2615	0.6147	0.8043	0.7803	0.7897	0.6243	0.7729	0.8388	0.6233	0.7392
1959-62	OBS.	28	10	8	8	0	2	0	0	0		
TOTAL	EXP.		11.8	7.7	5.4	1.6	0.8	0.3	0.1	0.2		
	OBS./EXP.		0.846	1.033	1.479	0.000	2.426	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.608	0.000	2.637	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2770	0.3681	0.3395	0.7891	0.7746	0.7769	0.4532	0.3820	0.8134	0.6072	0.6371
1963-66	OBS.	26	11	4	5	3	2	1	0	0		
TOTAL	EXP.		10.8	7.1	5.1	1.5	0.8	0.4	0.2	0.2		
	OBS./EXP.		1.015	0.566	0.982	2.055	2.396	2.834	0.000	0.000		
	RELATIVE RISK		1.000		1.172	2.453	2.860	3.383	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4250	0.2512	0.3152	0.2761	0.7753	0.7811	0.3489	0.2646	0.3258	0.5236	0.1895
1967-70	OBS.	18	9	4	5	0	0	0	0	0		
TOTAL	EXP.		7.3	5.1	3.6	1.0	0.6	0.3	0.1	0.1		
	OBS./EXP.		1.230	0.789	1.404	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.337	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4669	0.8533	0.8245	0.7937	0.7732	0.7774	0.4514	0.3612	0.8165	0.8516	0.8694
1971-74	OBS.	14	5	5	2	1	1	0	0	0		
TOTAL	EXP.		5.1	4.1	2.8	0.9	0.6	0.3	0.1	0.1		
	OBS./EXP.		0.976	1.212	0.705	1.128	1.789	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.652	1.043	1.654	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7073	0.4099	0.3057	0.7810	0.7707	0.7706	0.6807	0.4126	0.7982	0.9892	0.6440
1975-78	OBS.	7	5	2	0	0	0	0	0	0		
TOTAL	EXP.		2.9	1.9	1.4	0.4	0.2	0.1	0.0	0.0		
	OBS./EXP.		1.722	1.073	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.9045	0.8225	0.8007	0.7823	0.7698	0.7676	0.9244	0.8269	0.7957	0.7972	0.8402

TABLE 24-7 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAO									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	167	67	45	26	12	9	5	2	1	
	EXP.	66.5	47.3	30.3	9.4	7.3	2.9	1.3	1	2.0	
	OBS./EXP.	1.008	0.951	0.857	1.281	1.241	1.706	1.519	0.501	0.501	
	RELATIVE RISK	1.000	1.000	0.871	1.302	1.261	1.733	1.543	0.509	0.509	
	TEST PROB.	AB=C? 0.6871	AB=D? 0.2865	AB=E? 0.3690	AB=F? 0.2400	AB=G? 0.3869	AB=H? 0.7524	AB=I-H? 0.5403	AB=FGH? 0.2855	HOMO. 0.3519	TREND. 0.7493
1950-54	OBS. TOTAL	9	4	4	1	0	0	0	0	0	
	EXP.	3.8	2.5	1.7	0.5	0.3	0.1	0.1	0.1	0.1	
	OBS./EXP.	1.058	1.580	0.604	0.000	0.000	0.000	0.000	0.000	0.000	
	RELATIVE RISK	1.000	1.000	0.476	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.7726	AB=D? 0.8193	AB=E? 0.8053	AB=F? 0.7784	AB=G? 0.7688	AB=H? 0.7748	AB=I-H? 0.8212	AB=FGH? 0.8333	HOMO. 0.7980	TREND. 0.9505
1955-58	OBS. TOTAL	24	10	7	4	2	1	0	0	0	
	EXP.	9.3	6.9	4.5	1.4	1.0	0.4	0.2	0.2	0.3	
	OBS./EXP.	1.074	1.015	0.882	1.442	0.979	0.000	0.000	0.000	0.000	
	RELATIVE RISK	1.000	1.000	0.841	1.375	0.934	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.6403	AB=D? 0.3811	AB=E? 0.5904	AB=F? 0.8035	AB=G? 0.7808	AB=H? 0.7926	AB=I-H? 0.5431	AB=FGH? 0.7646	HOMO. 0.8404	TREND. 0.9899
1959-62	OBS. TOTAL	27	8	9	5	0	3	1	1	0	
	EXP.	11.6	7.3	4.8	1.5	1.0	0.4	0.2	0.2	0.3	
	OBS./EXP.	0.690	1.233	1.044	0.000	2.869	2.799	5.853	0.000	0.000	
	RELATIVE RISK	1.000	1.000	1.161	0.000	3.190	3.113	6.509	0.000	0.000	
	TEST PROB.	AB=C? 0.4273	AB=D? 0.8574	AB=E? 0.1637	AB=F? 0.2726	AB=G? 0.2571	AB=H? 0.7838	AB=I-H? 0.5925	AB=FGH? 0.0990	HOMO. 0.3187	TREND. 0.0945
1963-66	OBS. TOTAL	26	11	6	4	3	1	1	0	0	
	EXP.	10.6	7.3	4.8	1.4	1.1	0.4	0.2	0.2	0.3	
	OBS./EXP.	1.037	0.827	0.832	2.100	0.948	2.511	0.000	0.000	0.000	
	RELATIVE RISK	1.000	1.000	0.874	2.206	0.996	2.638	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.6275	AB=D? 0.2943	AB=E? 0.4417	AB=F? 0.2844	AB=G? 0.7779	AB=H? 0.7894	AB=I-H? 0.4434	AB=FGH? 0.4001	HOMO. 0.3668	TREND. 0.8388
1967-70	OBS. TOTAL	22	9	6	3	2	1	0	1	0	
	EXP.	8.0	6.3	4.1	1.4	1.2	0.5	0.2	0.2	0.3	
	OBS./EXP.	1.132	0.950	0.739	1.399	0.865	0.000	4.381	0.000	0.000	
	RELATIVE RISK	1.000	1.000	0.703	1.331	0.823	0.000	4.168	0.000	0.000	
	TEST PROB.	AB=C? 0.7050	AB=D? 0.3312	AB=E? 0.6133	AB=F? 0.8161	AB=G? 0.2686	AB=H? 0.7939	AB=I-H? 0.6186	AB=FGH? 0.6192	HOMO. 0.6057	TREND. 0.7617
1971-74	OBS. TOTAL	26	9	6	6	3	2	0	0	0	
	EXP.	10.1	7.2	4.8	1.5	1.3	0.5	0.2	0.2	0.3	
	OBS./EXP.	0.388	0.832	1.259	1.965	1.570	0.000	0.000	0.000	0.000	
	RELATIVE RISK	1.000	1.000	1.456	2.272	1.815	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.3630	AB=D? 0.2525	AB=E? 0.4015	AB=F? 0.8025	AB=G? 0.7817	AB=H? 0.7872	AB=I-H? 0.2384	AB=FGH? 0.5165	HOMO. 0.8361	TREND. 0.8252
1975-78	OBS. TOTAL	33	16	7	3	2	1	3	0	1	
	EXP.	13.1	9.6	5.7	1.8	1.5	0.6	0.3	0.3	0.4	
	OBS./EXP.	1.226	0.728	0.522	1.126	0.667	4.678	0.000	2.634	2.595	
	RELATIVE RISK	1.000	1.000	0.514	1.109	0.657	4.608	0.000	2.595	2.595	
	TEST PROB.	AB=C? 0.8227	AB=D? 0.3977	AB=E? 0.5921	AB=F? 0.0723	AB=G? 0.7928	AB=H? 0.2906	AB=I-H? 0.7647	AB=FGH? 0.2940	HOMO. 0.1268	TREND. 0.0745

TABLE 24-B MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-B

HIROSHIMA • NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	208	82	49	43	14	9	7	1	3		
	EXP.		86.2	56.9	41.6	11.2	6.4	2.7	1.3	1.6		
	OBS./EXP. RELATIVE RISK		0.951 1.000	0.861	1.034 1.131	1.255 1.372	1.407 1.538	2.569 2.807	0.744 0.813	1.843 2.014		
	TEST PROB.	AB=C? 0.3491	AB=D? 0.2551	AB=E? 0.2409	AB=F? 0.0436	AB=G? 0.6375	AB=H? 0.3130	AB=CD? 0.2595	AB=E+H? 0.0459	AB=FGH? 0.0571	HOMO. 0.1309	TREND. 0.0085
1950-54	OBS. TOTAL	22	7	5	6	2	0	1	0	1		
	EXP.		9.3	6.0	4.4	1.2	0.6	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.756 1.000	0.839	1.353 1.716	1.686 2.138	0.000 0.000	3.887 4.928	0.000 0.000	6.727 8.530		
	TEST PROB.	AB=C? 0.3058	AB=D? 0.4590	AB=E? 0.8109	AB=F? 0.2638	AB=G? 0.7726	AB=H? 0.2534	AB=CD? 0.2364	AB=E+H? 0.4653	AB=FGH? 0.1744	HOMO. 0.2100	TREND. 0.0190
1955-58	OBS. TOTAL	28	15	5	3	2	1	1	0	1		
	EXP.		11.7	7.7	5.6	1.5	0.8	0.3	0.2	0.2		
	OBS./EXP. RELATIVE RISK		1.280 1.000	0.652	0.532 0.516	1.317 1.277	1.282 1.242	3.058 2.964	0.000 0.000	5.157 4.998		
	TEST PROB.	AB=C? 0.8173	AB=D? 0.3857	AB=E? 0.3647	AB=F? 0.2759	AB=G? 0.7762	AB=H? 0.2607	AB=CD? 0.7542	AB=E+H? 0.3130	AB=FGH? 0.2762	HOMO. 0.3118	TREND. 0.0446
1959-62	OBS. TOTAL	31	9	10	10	1	1	0	0	0		
	EXP.		12.5	8.6	6.3	1.7	0.9	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.718 1.000	1.157	1.585 1.767	0.586 0.653	1.055 1.176	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.1917	AB=D? 0.6906	AB=E? 0.4033	AB=F? 0.7974	AB=G? 0.7800	AB=H? 0.7827	AB=CD? 0.2575	AB=E+H? 0.7217	AB=FGH? 0.3283	HOMO. 0.7112	TREND. 0.7607
1963-66	OBS. TOTAL	29	13	5	7	2	1	0	0	1		
	EXP.		12.2	7.8	5.9	1.5	0.8	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK		1.061 1.000	0.642	1.191 1.326	1.328 1.478	1.200 1.335	0.000 0.000	0.000 0.000	4.691 5.221		
	TEST PROB.	AB=C? 0.4258	AB=D? 0.3805	AB=E? 0.3668	AB=F? 0.7980	AB=G? 0.7787	AB=H? 0.2656	AB=CD? 0.3750	AB=E+H? 0.3810	AB=FGH? 0.3561	HOMO. 0.6714	TREND. 0.1625
1967-70	OBS. TOTAL	32	12	6	10	1	1	2	0	0		
	EXP.		13.1	8.9	6.4	1.7	1.0	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.914 1.000	0.678	1.553 1.898	0.586 0.716	1.026 1.253	4.586 5.603	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.1667	AB=D? 0.6812	AB=E? 0.3899	AB=F? 0.1461	AB=G? 0.7807	AB=H? 0.7851	AB=CD? 0.2263	AB=E+H? 0.3587	AB=FGH? 0.3598	HOMO. 0.2281	TREND. 0.2989
1971-74	OBS. TOTAL	33	13	8	4	2	4	2	0	0		
	EXP.		13.5	9.2	6.4	1.8	1.1	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.965 1.000	0.870	0.620 0.669	1.118 1.206	3.637 3.925	4.236 4.572	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7567	AB=D? 0.4069	AB=E? 0.0566	AB=F? 0.1718	AB=G? 0.7845	AB=H? 0.7872	AB=CD? 0.7064	AB=E+H? 0.0476	AB=FGH? 0.4245	HOMO. 0.0455	TREND. 0.0815
1975-78	OBS. TOTAL	33	13	10	3	4	1	1	1	0		
	EXP.		14.0	8.8	6.4	1.7	1.1	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.928 1.000	1.134	0.470 0.467	2.316 2.299	0.913 0.906	2.217 2.201	4.304 4.272	0.000 0.000		
	TEST PROB.	AB=C? 0.8555	AB=D? 0.2176	AB=E? 0.5961	AB=F? 0.3030	AB=G? 0.2681	AB=H? 0.7896	AB=CD? 0.6533	AB=E+H? 0.4318	AB=FGH? 0.4584	HOMO. 0.2861	TREND. 0.1964

TABLE 24-9 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE

TABLE 24-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	TOTAL	T=65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	305	136 138.3	70 78.6	54 54.8	20 15.1	10 9.0	11 3.3	1 1.7	3 2.3		
	OBS./EXP. RELATIVE RISK		0.984 1.000	0.891 1.000	0.951 1.001	1.327 1.396	1.110 1.168	3.338 3.514	0.605 0.637	1.285 1.353		
	TEST PROB.	AB=C? 0.4897	AB=D? 0.1763	AB=E? 0.4263	AB=F? 0.0022	AB=G? 0.7053	AB=H? 0.4214	AB=CD? 0.3558	AB=E-H? 0.0609	AB=FGH? 0.0249	HOMO, 0.0033	TREND, 0.0182
1950-54	OBS. TOTAL	27	10 12.3	8 6.9	5 5.1	2 1.4	0 0.8	1 0.3	0 0.1	1 0.2		
	OBS./EXP. RELATIVE RISK		0.812 1.000	1.165 1.000	0.981 1.045	1.462 1.558	0.000 0.000	3.656 3.896	0.000 0.000	5.398 5.752		
	TEST PROB.	AB=C? 0.4446	AB=D? 0.3832	AB=E? 0.8280	AB=F? 0.2727	AB=G? 0.7756	AB=H? 0.2610	AB=CD? 0.4414	AB=E-H? 0.3813	AB=FGH? 0.2579	HOMO, 0.3956	TREND, 0.0496
1955-58	OBS. TOTAL	42	22 19.1	10 10.8	5 7.9	3 2.2	0 1.2	1 0.4	0 0.2	1 0.3		
	OBS./EXP. RELATIVE RISK		1.155 1.000	0.927 1.000	0.636 0.592	1.387 1.293	0.000 0.000	2.323 2.166	0.000 0.000	3.370 3.142		
	TEST PROB.	AB=C? 0.8186	AB=D? 0.4095	AB=E? 0.8586	AB=F? 0.3008	AB=G? 0.7832	AB=H? 0.2783	AB=CD? 0.7402	AB=E-H? 0.6039	AB=FGH? 0.4619	HOMO, 0.5732	TREND, 0.2353
1959-62	OBS. TOTAL	50	17 22.6	16 12.8	13 9.3	1 2.6	2 1.5	1 0.5	0 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK		0.751 1.000	1.249 1.000	1.400 1.504	0.391 0.420	1.311 1.409	1.876 2.015	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2285	AB=D? 0.7966	AB=E? 0.3828	AB=F? 0.3074	AB=G? 0.7863	AB=H? 0.7954	AB=CD? 0.3479	AB=E-H? 0.4092	AB=FGH? 0.5825	HOMO, 0.5590	TREND, 0.6294
1963-66	OBS. TOTAL	47	22 21.3	8 12.0	9 8.8	4 2.4	2 1.4	1 0.5	0 0.2	1 0.3		
	OBS./EXP. RELATIVE RISK		1.033 1.000	0.668 1.000	1.018 1.129	1.694 1.878	1.413 1.568	1.906 2.114	0.000 0.000	2.873 3.187		
	TEST PROB.	AB=C? 0.4562	AB=D? 0.2862	AB=E? 0.3852	AB=F? 0.3044	AB=G? 0.7829	AB=H? 0.2806	AB=CD? 0.3479	AB=E-H? 0.3197	AB=FGH? 0.4428	HOMO, 0.7062	TREND, 0.1031
1967-70	OBS. TOTAL	39	20 17.8	4 9.9	10 7.4	2 1.9	1 1.1	2 0.4	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK		1.123 1.000	0.405 1.000	1.358 1.567	1.039 1.198	0.898 1.036	4.645 5.359	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2456	AB=D? 0.3974	AB=E? 0.4445	AB=F? 0.1397	AB=G? 0.7789	AB=H? 0.7866	AB=CD? 0.2554	AB=E-H? 0.4099	AB=FGH? 0.3695	HOMO, 0.1415	TREND, 0.3500
1971-74	OBS. TOTAL	46	21 20.8	9 11.9	7 8.6	3 2.2	4 1.4	2 0.5	0 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK		1.009 1.000	0.759 1.000	0.816 0.889	1.347 1.467	2.888 3.145	3.924 4.273	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.6247	AB=D? 0.4405	AB=E? 0.0940	AB=F? 0.1825	AB=G? 0.7840	AB=H? 0.7938	AB=CD? 0.4761	AB=E-H? 0.0857	AB=FGH? 0.4380	HOMO, 0.1307	TREND, 0.1681
1975-78	OBS. TOTAL	54	24 24.3	15 14.4	5 9.9	5 2.5	1 1.6	3 0.6	1 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK		0.986 1.000	1.044 1.000	0.507 0.504	2.003 1.988	0.625 0.620	5.086 5.047	3.076 3.053	0.000 0.000		
	TEST PROB.	AB=C? 0.8767	AB=D? 0.2116	AB=E? 0.7052	AB=F? 0.0540	AB=G? 0.2838	AB=H? 0.8021	AB=CD? 0.7957	AB=E-H? 0.2862	AB=FGH? 0.1178	HOMO, 0.0183	TREND, 0.1077

TABLE 24-10 MALIGNANT NEOPLASMS OTHER THAN THOSE SPECIFIED ABOVE
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 24-10

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD								TRENDS	
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	70	13	24	15	6	8	1	2	1		
	EXP.		14.4	25.7	15.1	5.4	4.6	2.4	1.0	1.3		
	OBS./EXP. RELATIVE RISK		0.901 1.000	0.933	0.993 1.077	1.101 1.195	1.724 1.871	0.423 0.459	1.981 2.149	0.775 0.841		
	TEST PROB.	AB=C? 0.4592	AB=D? 0.4653	AB=E? 0.1648	AB=F? 0.7823	AB=G? 0.4491	AB=H? 0.6287	AB=CD? 0.4472	AB=E-H? 0.2979	AB=FGH? 0.5999	HOMO. 0.7111	TRENDS 0.3204
1950-54	OBS. TOTAL	4	1	1	2	0	0	0	0	0		
	EXP.		0.7	1.6	1.0	0.3	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.387 1.000	0.614	2.018 2.370	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3814	AB=D? 0.7940	AB=E? 0.7875	AB=F? 0.7745	AB=G? 0.7663	AB=H? 0.7702	AB=CD? 0.3583	AB=E-H? 0.8114	AB=FGH? 0.7887	HOMO. 0.9577	TRENDS 0.7203
1955-58	OBS. TOTAL	10	3	2	2	1	2	0	0	0		
	EXP.		2.0	3.8	2.3	0.7	0.6	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.516 1.000	0.528	0.868 1.000	1.346 1.552	3.328 3.836	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4507	AB=D? 0.3410	AB=E? 0.2653	AB=F? 0.7916	AB=G? 0.7744	AB=H? 0.7820	AB=CD? 0.4104	AB=E-H? 0.3861	AB=FGH? 0.8191	HOMO. 0.6144	TRENDS 0.4945
1959-62	OBS. TOTAL	8	0	3	2	0	2	0	1	0		
	EXP.		1.5	3.1	1.8	0.6	0.5	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	0.956	1.105 1.707	0.000 0.000	4.271 6.594	0.000 0.000	9.023 13.931	0.000 0.000		
	TEST PROB.	AB=C? 0.3646	AB=D? 0.8029	AB=E? 0.1613	AB=F? 0.7788	AB=G? 0.2473	AB=H? 0.7709	AB=CD? 0.3872	AB=E-H? 0.1613	AB=FGH? 0.2775	HOMO. 0.0407	TRENDS 0.0863
1963-66	OBS. TOTAL	8	2	3	2	1	0	0	0	0		
	EXP.		1.6	3.1	1.8	0.6	0.5	0.2	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.282 1.000	0.981	1.086 1.003	1.745 1.612	0.300 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5559	AB=D? 0.3290	AB=E? 0.8121	AB=F? 0.7901	AB=G? 0.7741	AB=H? 0.7813	AB=CD? 0.4090	AB=E-H? 0.8532	AB=FGH? 0.8173	HOMO. 0.9847	TRENDS 0.8016
1967-70	OBS. TOTAL	15	1	8	3	1	1	0	1	0		
	EXP.		3.3	5.3	3.1	1.2	1.0	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.306 1.000	1.509	0.957 0.911	0.826 0.787	0.983 0.936	0.000 0.000	4.246 4.044	0.000 0.000		
	TEST PROB.	AB=C? 0.5912	AB=D? 0.6459	AB=E? 0.5596	AB=F? 0.8185	AB=G? 0.2696	AB=H? 0.7925	AB=CD? 0.6144	AB=E-H? 0.5795	AB=FGH? 0.6006	HOMO. 0.4988	TRENDS 0.5753
1971-74	OBS. TOTAL	13	1	5	3	2	2	0	0	0		
	EXP.		2.8	4.5	2.6	1.1	1.0	0.5	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.358 1.000	1.100	1.138 1.392	1.835 2.245	2.023 2.474	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3995	AB=D? 0.4679	AB=E? 0.4283	AB=F? 0.8037	AB=G? 0.7824	AB=H? 0.7809	AB=CD? 0.3854	AB=E-H? 0.3845	AB=FGH? 0.8336	HOMO. 0.7800	TRENDS 0.6154
1975-78	OBS. TOTAL	12	5	2	1	1	1	1	0	1		
	EXP.		2.7	4.1	2.3	1.0	1.0	0.5	0.2	0.2		
	OBS./EXP. RELATIVE RISK		1.841 1.000	0.492	0.440 0.426	0.992 0.962	1.006 0.975	1.990 1.929	0.000 0.000	4.285 4.153		
	TEST PROB.	AB=C? 0.7963	AB=D? 0.4794	AB=E? 0.5328	AB=F? 0.3153	AB=G? 0.7840	AB=H? 0.2674	AB=CD? 0.7535	AB=E-H? 0.4114	AB=FGH? 0.4158	HOMO. 0.4346	TRENDS 0.0920

TABLE 25-1 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 25-1

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2213	858 888.1	587 618.1	434 423.5	130 123.3	92 85.5	60 35.6	18 16.4	34 22.6		
	OBS./EXP. RELATIVE RISK		0.966 1.000	0.950	1.025 1.068	1.055 1.099	1.076 1.122	1.686 1.757	1.097 1.143	1.507 1.571		
	TEST PROB.	AB=C? 0.2117	AB=D? 0.2334	AB=E? 0.2252	AB=F? 0.0011	AB=G? 0.3672	AB=H? 0.0355	AB=CD? 0.1614	AB=E-H? 0.0028	AB=FGH? 0.0005	HOMO. 0.0003	TREND. 0.0000
1950-54	OBS. EXP.	233	93 95.0	60 65.1	52 45.5	10 12.5	6 8.0	6 3.1	2 1.5	4 2.2		
	OBS./EXP. RELATIVE RISK		0.979 1.000	0.921	1.143 1.196	0.797 0.834	0.746 0.781	1.936 2.026	1.346 1.409	1.829 1.914		
	TEST PROB.	AB=C? 0.2336	AB=D? 0.6830	AB=E? 0.7095	AB=F? 0.1762	AB=G? 0.3844	AB=H? 0.2829	AB=CD? 0.3170	AB=E-H? 0.3018	AB=FGH? 0.1100	HOMO. 0.4473	TREND. 0.0640
1955-58	OBS. EXP.	248	116 98.4	67 70.3	38 49.1	11 13.8	7 8.9	6 3.6	1 1.6	2 2.3		
	OBS./EXP. RELATIVE RISK		1.179 1.000	0.953	0.775 0.714	0.796 0.734	0.785 0.724	1.666 1.536	0.616 0.568	0.879 0.810		
	TEST PROB.	AB=C? 0.9230	AB=D? 0.7829	AB=E? 0.7516	AB=F? 0.2824	AB=G? 0.7351	AB=H? 0.6448	AB=CD? 0.9371	AB=E-H? 0.6294	AB=FGH? 0.4690	HOMO. 0.2616	TREND. 0.6633
1959-62	OBS. EXP.	287	92 117.3	95 79.1	58 55.2	14 16.4	15 10.4	2 4.1	4 2.0	.7 2.7		
	OBS./EXP. RELATIVE RISK		0.785 1.000	1.202	1.052 1.104	0.855 0.897	1.443 1.515	0.436 0.510	2.051 2.153	2.593 2.722		
	TEST PROB.	AB=C? 0.3454	AB=D? 0.6253	AB=E? 0.1674	AB=F? 0.7977	AB=G? 0.2037	AB=H? 0.0478	AB=CD? 0.4101	AB=E-H? 0.0810	AB=FGH? 0.1636	HOMO. 0.0027	TREND. 0.0043
1963-66	OBS. EXP.	323	127 130.8	86 89.3	65 62.3	23 18.0	6 12.0	11 5.1	0 2.3	5 3.2		
	OBS./EXP. RELATIVE RISK		0.971 1.000	0.963	1.043 1.078	1.281 1.324	0.499 0.515	2.164 2.236	0.000 0.000	1.552 1.604		
	TEST PROB.	AB=C? 0.3718	AB=D? 0.2214	AB=E? 0.8969	AB=F? 0.0475	AB=G? 0.3998	AB=H? 0.3047	AB=CD? 0.2629	AB=E-H? 0.4695	AB=FGH? 0.1361	HOMO. 0.0357	TREND. 0.1850
1967-70	OBS. EXP.	328	125 130.7	82 90.9	67 62.4	26 18.6	12 13.4	11 5.9	2 2.5	3 3.5		
	OBS./EXP. RELATIVE RISK		0.956 1.000	0.902	1.073 1.149	1.397 1.496	0.895 0.958	1.877 2.009	0.786 0.841	0.851 0.911		
	TEST PROB.	AB=C? 0.2627	AB=D? 0.0955	AB=E? 0.5443	AB=F? 0.0694	AB=G? 0.6071	AB=H? 0.5723	AB=CD? 0.1332	AB=E-H? 0.2791	AB=FGH? 0.1744	HOMO. 0.2291	TREND. 0.1864
1971-74	OBS. EXP.	383	141 151.5	101 107.6	74 72.7	22 21.5	25 15.8	11 6.8	2 3.0	7 4.0		
	OBS./EXP. RELATIVE RISK		0.930 1.000	0.938	1.019 1.091	1.023 1.095	1.585 1.698	1.622 1.738	0.658 0.704	1.730 1.853		
	TEST PROB.	AB=C? 0.3438	AB=D? 0.4333	AB=E? 0.0459	AB=F? 0.1327	AB=G? 0.6942	AB=H? 0.1701	AB=CD? 0.3247	AB=E-H? 0.0184	AB=FGH? 0.1061	HOMO. 0.0985	TREND. 0.0058
1975-78	OBS. EXP.	411	164 165.2	96 115.1	80 77.0	24 22.5	21 16.9	13 7.0	7 3.3	6 4.1		
	OBS./EXP. RELATIVE RISK		0.993 1.000	0.834	1.040 1.121	1.067 1.150	1.246 1.343	1.856 2.001	2.131 2.298	1.462 1.577		
	TEST PROB.	AB=C? 0.2884	AB=D? 0.3270	AB=E? 0.1917	AB=F? 0.0380	AB=G? 0.0781	AB=H? 0.2710	AB=CD? 0.2504	AB=E-H? 0.0125	AB=FGH? 0.0085	HOMO. 0.0371	TREND. 0.0011

TABLE 25-2 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 25-2 -

YEAR CLASS	T-65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 22	4 9.2	6 6.4	2 4.3	1 1.0	3 0.5	5 0.3	0 0.1	1 0.2			
	OBS./EXP. RELATIVE RISK	0.433 1.000	0.941	0.462 0.722	1.005 1.569	5.635 8.801	19.264 30.085	0.000 0.000	6.337 9.896			
	TEST PROB.	AB=C? 0.6875	AB=D? 0.3381	AB=E? 0.0178	AB=F? 0.0000	AB=G? 0.7693	AB=H? 0.2513	AB=CD? 0.6059	AB=E-H? 0.0000	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. EXP. 0	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1955-58	OBS. EXP. 0	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP. 2	0 0.9	0 0.5	0 0.4	0 0.1	0 0.0	2 0.0	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK	0.000	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	115.239 X	0.000 X	0.000 X	0.000 X	
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? 0.0000	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.0009	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. EXP. 2	0 0.7	0 0.7	0 0.4	0 0.1	0 0.1	1 0.0	0 0.0	0 0.0	1 0.0		
	OBS./EXP. RELATIVE RISK	0.000	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	29.120 X	0.000 X	46.291 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? 0.2398	AB=CD? X	AB=E-H? 0.0194	AB=FGH? 0.0019	HOMO. 0.0000	TREND. 0.0000
1967-70	OBS. EXP. 4	1 1.3	1 1.3	0 0.9	0 0.2	2 0.1	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK	0.758 1.000	0.754	0.000 0.000	0.000 0.000	15.442 20.421	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8437	AB=D? 0.7856	AB=E? 0.0232	AB=F? 0.7701	AB=G? 0.7644	AB=H? 0.7666	AB=CD? 0.8573	AB=E-H? 0.1129	AB=FGH? 0.7797	HOMO. 0.0002	TREND. 0.0888
1971-74	OBS. EXP. 7	2 3.0	3 2.0	0 1.4	0 0.3	1 0.2	1 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK	0.661 1.000	1.504	0.000 0.000	0.000 0.000	4.201 6.224	13.404 13.454	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8781	AB=D? 0.7993	AB=E? 0.2587	AB=F? 0.2482	AB=G? 0.7651	AB=H? 0.7679	AB=CD? 0.8940	AB=E-H? 0.1390	AB=FGH? 0.2575	HOMO. 0.0098	TREND. 0.0461
1975-78	OBS. EXP. 7	1 3.3	2 1.9	2 1.3	1 0.3	0 0.1	1 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK	0.303 1.000	1.074	1.545 2.657	3.467 5.962	0.000 0.000	16.835 29.945	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4805	AB=D? 0.2595	AB=E? 0.7709	AB=F? 0.2434	AB=G? 0.7624	AB=H? 0.7631	AB=CD? 0.2535	AB=E-H? 0.2563	AB=FGH? 0.2473	HOMO. 0.0087	TREND. 0.0580

TABLE 25-3 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 25-3

		T-65 TOTAL DOSE IN RAD								
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
		A	B	C	D	E	F	G	H	
1950-78	OBS. TOTAL	115	39	36	15	4	5	7	7	2
	EXP.	42.1	35.7	18.5	6.1	6.6	3.1	1.3	1.6	
	OBS./EXP. RELATIVE RISK	0.926	1.007	0.812	0.653	0.761	2.275	5.575	1.229	
	TEST PROB.	0.7074	0.7806	0.7295	0.1179	0.0008	0.3926	0.0642	0.0056	0.0000
										TREND, 0.0013
1950-54	OBS. EXP.	2	1	0	0	0	0	1	0	
	EXP.	0.9	0.5	0.4	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	1.077	0.000	0.000	0.000	0.000	0.000	46.283	0.000	
	TEST PROB.	0.8070	0.7736	0.7703	0.7642	0.2414	0.7632	0.8167	0.2505	0.2450
										TREND, 0.0199
1955-58	OBS. EXP.	4	2	0	2	0	0	0	0	
	EXP.	1.1	1.3	0.7	0.3	0.3	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	1.805	0.000	3.007	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.3701	0.7923	0.7988	0.7816	0.7672	0.7671	0.3936	0.8232	0.7927
										TREND, 0.7886
1959-62	OBS. EXP.	7	2	4	1	0	0	0	0	
	EXP.	2.7	2.0	1.2	0.4	0.4	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.736	1.973	0.846	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.6929	0.8153	0.8191	0.7913	0.7733	0.7762	0.7595	0.8545	0.8133
										TREND, 0.8639
1963-66	OBS. EXP.	9	4	1	2	1	1	0	0	
	EXP.	3.4	2.7	1.5	0.5	0.5	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	1.188	0.367	1.343	2.084	2.041	0.000	0.000	0.000	
	TEST PROB.	0.3726	0.2993	0.2912	0.7900	0.7713	0.7753	0.4670	0.3674	0.8099
										TREND, 0.8901
1967-70	OBS. EXP.	15	5	6	0	0	0	3	1	
	EXP.	4.9	4.9	2.4	0.9	1.0	0.5	0.2	0.2	
	OBS./EXP. RELATIVE RISK	1.027	1.228	0.000	0.000	0.000	6.115	5.651	0.000	
	TEST PROB.	0.9224	0.8532	0.8651	0.0772	0.2642	0.7912	0.9470	0.3377	0.0851
										TREND, 0.0030
1971-74	OBS. EXP.	30	6	13	4	1	2	2	2	
	EXP.	11.0	9.2	4.9	1.6	1.7	0.8	0.3	0.4	
	OBS./EXP. RELATIVE RISK	0.545	1.410	0.824	0.616	1.157	2.471	5.986	0.000	
	TEST PROB.	0.6297	0.7416	0.4354	0.4441	0.1214	0.8028	0.6811	0.2406	0.1973
										TREND, 0.0349
1975-78	OBS. EXP.	48	19	12	6	2	2	3	2	
	EXP.	18.2	15.0	7.5	2.4	2.5	1.2	0.5	0.6	
	OBS./EXP. RELATIVE RISK	1.044	0.797	0.795	0.833	0.790	1.692	6.206	3.091	
	TEST PROB.	0.6508	0.5982	0.6484	0.4248	0.0236	0.2541	0.6529	0.1099	0.0232
										TREND, 0.0135

TABLE 25-4 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 25-4

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD								TREND, HOMO.	
			A	B	C	D	E	F	G	H		
1950-78	OBS.	331	118	86	65	21	18	14	2	7		
TOTAL	EXP.		129.7	93.9	59.3	19.1	14.3	6.9	3.5	4.3		
	OBS./EXP.		0.910	0.916	1.095	1.100	1.259	2.015	0.579	1.628		
	RELATIVE RISK		1.000		1.200	1.206	1.379	2.208	0.635	1.734		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.1904	0.2899	0.2018	0.0217	0.7291	0.1784	0.1620	0.0369	0.0404	0.0670	0.0087
1950-54	OBS.	19	9	5	5	0	0	0	0	0		
	EXP.		8.2	5.2	3.4	1.0	0.6	0.3	0.1	0.2		
	OBS./EXP.		1.098	0.968	1.451	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.385	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.4481	0.3477	0.8233	0.7915	0.7781	0.7858	0.4342	0.8662	0.8246	0.8858	0.8682
1955-58	OBS.	17	6	8	1	0	0	0	0	2		
	EXP.		6.1	5.1	3.3	1.0	0.7	0.3	0.2	0.2		
	OBS./EXP.		0.986	1.568	0.305	0.000	0.000	0.000	0.000	8.259		
	RELATIVE RISK		1.000		0.244	0.000	0.000	0.000	0.000	6.600		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.8944	0.8654	0.8462	0.8072	0.7863	0.1104	0.9318	0.4601	0.4249	0.0107	0.0534
1959-62	OBS.	23	10	5	3	1	1	0	0	3		
	EXP.		9.8	6.1	4.2	1.3	0.8	0.3	0.2	0.3		
	OBS./EXP.		1.017	0.813	0.716	0.788	1.287	0.000	0.000	11.474		
	RELATIVE RISK		1.000		0.763	0.840	1.371	0.000	0.000	12.223		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.6730	0.6272	0.3768	0.7977	0.7808	0.0020	0.6714	0.1699	0.0991	0.0001	0.0003
1963-66	OBS.	48	14	18	11	2	0	2	0	1		
	EXP.		18.8	13.9	8.7	2.7	2.0	0.9	0.5	0.6		
	OBS./EXP.		0.746	1.298	1.261	0.752	0.000	2.154	0.000	1.616		
	RELATIVE RISK		1.000		1.287	0.767	0.000	2.197	0.000	1.648		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.3645	0.6993	0.9015	0.4283	0.8123	0.3398	0.4442	0.7084	0.4196	0.4121	0.4633
1967-70	OBS.	57	21	9	15	7	3	2	0	0		
	EXP.		21.7	16.3	10.1	3.4	2.7	1.4	0.7	0.8		
	OBS./EXP.		0.966	0.553	1.489	2.064	1.104	1.444	0.000	0.000		
	RELATIVE RISK		1.000		1.886	2.614	1.398	1.828	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.0942	0.0604	0.4322	0.3880	0.8108	0.8174	0.0385	0.4274	0.6327	0.1253	0.5546
1971-74	OBS.	74	20	21	14	4	9	5	0	1		
	EXP.		29.1	20.8	13.2	4.3	3.2	1.5	0.8	0.9		
	OBS./EXP.		0.687	1.009	1.059	0.922	2.785	3.228	0.000	1.055		
	RELATIVE RISK		1.000		1.289	1.123	3.391	3.932	0.000	1.285		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.3229	0.4218	0.0130	0.0234	0.8149	0.3596	0.3168	0.0094	0.1124	0.0020	0.0163
1975-78	OBS.	93	38	20	16	7	5	5	2	0		
	EXP.		35.9	26.6	16.4	5.4	4.2	2.1	1.1	1.2		
	OBS./EXP.		1.057	0.751	0.975	1.287	1.184	2.418	1.896	0.000		
	RELATIVE RISK		1.000		1.052	1.389	1.278	2.609	2.045	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	
	PROB.	0.4661	0.3010	0.3940	0.0621	0.4110	0.8449	0.3902	0.1656	0.1615	0.2729	0.2477

TABLE 25-5 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 25-5

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD								TREND, HOMO.
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H	
1950-78	OBS. TOTAL	986	365 390.8	266 271.5	215 193.4	56 55.1	38 40.7	22 16.0	5 7.5	19 11.0	
	OBS./EXP. RELATIVE RISK		0.934 1.000	0.980	1.112 1.167	1.016 1.067	0.935 0.981	1.372 1.440	0.664 0.697	1.729 1.814	
	TEST PROB.	AB=C? 0.0908	AB=D? 0.3809	AB=E? 0.5321	AB=F? 0.1191	AB=G? 0.7480	AB=H? 0.0419	AB=CD? 0.0987	AB=E-H? 0.1668	AB=FGH? 0.0609	HOMO, 0.0610
1950-54	OBS. TOTAL	83	26 33.1	23 22.8	21 16.6	5 4.5	3 3.2	3 1.3	0 0.6	2 0.9	
	OBS./EXP. RELATIVE RISK		0.787 1.000	1.008	1.262 1.439	1.108 1.254	0.943 1.075	2.344 2.674	0.000 0.000	2.263 2.581	
	TEST PROB.	AB=C? 0.1934	AB=D? 0.4894	AB=E? 0.4361	AB=F? 0.2286	AB=G? 0.8133	AB=H? 0.3775	AB=CD? 0.1859	AB=E-H? 0.2944	AB=FGH? 0.2332	HOMO, 0.4085
1955-58	OBS. TOTAL	91	45 36.8	22 24.8	16 18.2	1 4.9	2 3.4	4 1.3	1 0.7	0 0.9	
	OBS./EXP. RELATIVE RISK		1.222 1.000	0.888	0.880 0.809	0.204 0.188	0.590 0.542	2.981 2.741	1.538 1.414	0.000 0.000	
	TEST PROB.	AB=C? 0.7345	AB=D? 0.9283	AB=E? 0.7831	AB=F? 0.1224	AB=G? 0.3542	AB=H? 0.8428	AB=CD? 0.8639	AB=E-H? 0.4705	AB=FGH? 0.3196	HOMO, 0.0843
1959-62	OBS. TOTAL	111	31 43.0	34 31.0	29 21.6	5 6.4	7 4.8	0 1.9	2 0.9	3 1.3	
	OBS./EXP. RELATIVE RISK		0.720 1.000	1.097	1.344 1.531	0.779 0.887	1.455 1.658	0.000 0.000	2.211 2.519	2.250 2.563	
	TEST PROB.	AB=C? 0.1013	AB=D? 0.5783	AB=E? 0.2233	AB=F? 0.8743	AB=G? 0.3300	AB=H? 0.2169	AB=CD? 0.1501	AB=E-H? 0.2159	AB=FGH? 0.4115	HOMO, 0.0703
1963-66	OBS. TOTAL	124	49 48.8	38 34.3	21 24.3	11 7.0	0 5.2	4 2.1	0 0.9	1 1.4	
	OBS./EXP. RELATIVE RISK		1.005 1.000	1.107	0.865 0.826	1.577 1.506	0.000 0.000	1.934 1.848	0.000 0.000	0.695 0.664	
	TEST PROB.	AB=C? 0.7347	AB=D? 0.2210	AB=E? 0.9631	AB=F? 0.2801	AB=G? 0.8391	AB=H? 0.6812	AB=CD? 0.5531	AB=E-H? 0.8837	AB=FGH? 0.4330	HOMO, 0.1274
1967-70	OBS. TOTAL	166	61 65.8	44 45.4	36 32.4	12 9.4	5 7.1	4 2.8	1 1.3	3 1.9	
	OBS./EXP. RELATIVE RISK		0.927 1.000	0.970	1.110 1.175	1.279 1.354	0.709 0.750	1.425 1.509	0.795 0.842	1.576 1.668	
	TEST PROB.	AB=C? 0.3063	AB=D? 0.2824	AB=E? 0.6931	AB=F? 0.3265	AB=G? 0.5847	AB=H? 0.3655	AB=CD? 0.2377	AB=E-H? 0.4442	AB=FGH? 0.2457	HOMO, 0.8515
1971-74	OBS. TOTAL	195	72 76.1	49 54.4	46 38.1	11 10.9	9 8.5	2 3.4	0 1.5	6 2.2	
	OBS./EXP. RELATIVE RISK		0.946 1.000	0.901	1.208 1.303	1.007 1.086	1.062 1.145	0.592 0.639	0.000 0.000	2.779 2.998	
	TEST PROB.	AB=C? 0.1546	AB=D? 0.4564	AB=E? 0.4815	AB=F? 0.7425	AB=G? 0.8670	AB=H? 0.0548	AB=CD? 0.1739	AB=E-H? 0.3762	AB=FGH? 0.4429	HOMO, 0.1234
1975-78	OBS. TOTAL	216	81 87.9	56 58.8	46 42.2	11 11.7	12 8.7	5 3.2	1 1.4	4 2.0	
	OBS./EXP. RELATIVE RISK		0.921 1.000	0.952	1.090 1.168	0.936 1.003	1.376 1.474	1.559 1.669	0.699 0.748	2.021 2.164	
	TEST PROB.	AB=C? 0.2909	AB=D? 0.4707	AB=E? 0.2218	AB=F? 0.2776	AB=G? 0.6592	AB=H? 0.2201	AB=CD? 0.3140	AB=E-H? 0.1085	AB=FGH? 0.1803	HOMO, 0.5864

TABLE 25-6 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 25-6

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	759	332	193	137	48	28	12	4	5		
TOTAL	EXP.		316.3	210.6	147.9	41.9	23.4	9.3	4.1	5.5		
	OBS./EXP.		1.050	0.916	0.926	1.144	1.196	1.294	0.983	0.911		
	RELATIVE RISK		1.000		0.929	1.148	1.200	1.298	0.987	0.915		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7235	0.2716	0.2685	0.3029	0.5231	0.6000	0.5925	0.2350	0.3881	0.5707	0.2448
1950-54	OBS.	129	57	32	26	5	3	3	1	2		
	EXP.		52.8	36.6	25.1	7.0	4.2	1.5	0.7	1.1		
	OBS./EXP.		1.079	0.873	1.037	0.719	0.715	1.945	1.434	1.873		
	RELATIVE RISK		1.000		1.043	0.722	0.719	1.956	1.442	1.883		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4793	0.7333	0.7121	0.3371	0.3514	0.4178	0.5541	0.4313	0.2274	0.7573	0.1957
1955-58	OBS.	136	63	37	19	10	5	2	0	0		
	EXP.		54.4	39.1	26.9	7.6	4.4	1.8	0.7	1.0		
	OBS./EXP.		1.159	0.945	0.706	1.315	1.128	1.143	0.000	0.000		
	RELATIVE RISK		1.000		0.660	1.230	1.055	1.068	0.000	0.000		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.9023	0.3812	0.4379	0.4216	0.8289	0.8479	0.8180	0.6603	0.7827	0.4710	0.8253
1959-62	OBS.	144	49	52	25	8	7	0	2	1		
	EXP.		60.7	39.3	27.8	8.2	4.4	1.7	0.8	1.0		
	OBS./EXP.		0.807	1.322	0.898	0.972	1.589	0.000	2.581	0.997		
	RELATIVE RISK		1.000		0.890	0.963	1.575	0.000	2.557	0.988		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6765	0.5650	0.2760	0.8803	0.3480	0.5653	0.6661	0.3775	0.6334	0.1003	0.3155
1963-66	OBS.	140	60	29	31	9	5	4	0	2		
	EXP.		59.2	37.8	27.4	7.7	4.3	1.8	0.8	1.0		
	OBS./EXP.		1.014	0.768	1.132	1.163	1.160	2.184	0.000	1.972		
	RELATIVE RISK		1.000		1.233	1.267	1.264	2.379	0.000	2.148		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2642	0.3699	0.4443	0.1647	0.8219	0.4125	0.2347	0.1920	0.1978	0.4081	0.0861
1967-70	OBS.	86	37	22	16	7	2	2	0	0		
	EXP.		37.0	23.1	16.6	4.7	2.5	1.1	0.4	0.6		
	OBS./EXP.		1.000	0.954	0.961	1.479	0.808	1.804	0.000	0.000		
	RELATIVE RISK		1.000		0.978	1.506	0.822	1.836	0.000	0.000		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5489	0.3008	0.6545	0.4022	0.3017	0.8143	0.4418	0.6309	0.5781	0.8883	0.5932
1971-74	OBS.	77	41	15	10	6	4	1	0	0		
	EXP.		32.3	21.2	15.1	4.3	2.2	1.0	0.4	0.5		
	OBS./EXP.		1.271	0.706	0.660	1.389	1.838	1.029	0.000	0.000		
	RELATIVE RISK		1.000		0.631	1.327	1.756	0.983	0.000	0.000		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8513	0.3877	0.2823	0.4109	0.7996	0.8053	0.7542	0.4862	0.7310	0.2378	0.6052
1975-78	OBS.	47	25	6	10	3	2	0	1	0		
	EXP.		19.9	12.7	9.5	2.6	1.2	0.5	0.3	0.2		
	OBS./EXP.		1.256	0.472	1.050	1.143	1.615	0.000	3.468	0.000		
	RELATIVE RISK		1.000		1.105	1.203	1.699	0.000	3.649	0.000		
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4515	0.4084	0.3958	0.8117	0.2706	0.7822	0.4852	0.4326	0.4371	0.3347	0.3915

TABLE 25-7 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 25-7

		T=65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1030	414 410.1	260 289.5	183 185.7	67 58.6	48 46.5	31 18.5	11 8.4	16 12.7		
	OBS./EXP. RELATIVE RISK		1.009 1.000	0.898	0.986 1.023	1.143 1.187	1.032 1.071	1.673 1.737	1.305 1.355	1.263 1.311		
	TEST PROB.	AB=C? 0.4266	AB=D? 0.1595	AB=E? 0.3502	AB=F? 0.0126	AB=G? 0.2480	AB=H? 0.2346	AB=CD? 0.2804	AB=E-H? 0.0419	AB=FGH? 0.0118	HOMO. 0.0415	TREND. 0.0041
1950-54	OBS. TOTAL	108	51 44.0	29 30.4	19 20.1	3 5.7	2 4.3	2 1.5	1 0.7	1 1.2		
	OBS./EXP. RELATIVE RISK		1.160 1.000	0.953	0.943 0.877	0.523 0.486	0.468 0.435	1.321 1.228	1.393 1.296	0.819 0.762		
	TEST PROB.	AB=C? 0.6626	AB=D? 0.8438	AB=E? 0.8362	AB=F? 0.3951	AB=G? 0.3618	AB=H? 0.6532	AB=CD? 0.7711	AB=E-H? 0.7568	AB=FGH? 0.4480	HOMO. 0.7606	TREND. 0.6912
1955-58	OBS. TOTAL	105	51 42.7	24 29.3	16 19.6	7 5.8	3 4.2	3 1.6	1 0.7	0 1.2		
	OBS./EXP. RELATIVE RISK		1.194 1.000	0.819	0.816 0.784	1.209 1.161	0.712 0.683	1.935 1.857	1.466 1.408	0.000 0.000		
	TEST PROB.	AB=C? 0.7661	AB=D? 0.4779	AB=E? 0.7168	AB=F? 0.3200	AB=G? 0.3511	AB=H? 0.8520	AB=CD? 0.6902	AB=E-H? 0.6067	AB=FGH? 0.4227	HOMO. 0.4749	TREND. 0.6427
1959-62	OBS. TOTAL	140	44 56.2	48 38.9	27 25.5	2 8.3	11 6.1	2 2.3	2 1.1	4 1.6		
	OBS./EXP. RELATIVE RISK		0.783 1.000	1.233	1.060 1.097	0.240 0.248	1.799 1.860	0.888 0.919	1.904 1.969	2.448 2.532		
	TEST PROB.	AB=C? 0.4122	AB=D? 0.9445	AB=E? 0.0930	AB=F? 0.4644	AB=G? 0.4237	AB=H? 0.1392	AB=CD? 0.6745	AB=E-H? 0.0502	AB=FGH? 0.1697	HOMO. 0.0112	TREND. 0.0190
1963-66	OBS. TOTAL	155	70 61.7	34 43.3	26 28.5	15 9.0	1 6.8	7 2.7	0 1.2	2 1.9		
	OBS./EXP. RELATIVE RISK		1.134 1.000	0.785	0.914 0.922	1.668 1.685	0.147 0.149	2.585 2.610	0.000 0.000	1.077 1.088		
	TEST PROB.	AB=C? 0.6191	AB=D? 0.1157	AB=E? 0.9543	AB=F? 0.0606	AB=G? 0.8526	AB=H? 0.4141	AB=CD? 0.3760	AB=E-H? 0.7013	AB=FGH? 0.2139	HOMO. 0.0048	TREND. 0.3840
1967-70	OBS. TOTAL	156	61 60.5	41 43.7	23 28.1	15 9.3	7 7.7	7 3.3	1 1.4	1 2.1		
	OBS./EXP. RELATIVE RISK		1.009 1.000	0.939	0.819 0.837	1.606 1.640	0.910 0.929	2.124 2.168	0.725 0.740	0.484 0.494		
	TEST PROB.	AB=C? 0.7276	AB=D? 0.1202	AB=E? 0.5537	AB=F? 0.0998	AB=G? 0.6407	AB=H? 0.7561	AB=CD? 0.4933	AB=E-H? 0.3846	AB=FGH? 0.2977	HOMO. 0.2184	TREND. 0.3435
1971-74	OBS. TOTAL	177	64 69.9	42 49.2	36 31.8	15 10.2	10 8.5	5 3.5	1 1.6	4 2.2		
	OBS./EXP. RELATIVE RISK		0.916 1.000	0.853	1.133 1.274	1.464 1.645	1.171 1.316	1.414 1.589	0.630 0.708	1.798 2.020		
	TEST PROB.	AB=C? 0.2078	AB=D? 0.1095	AB=E? 0.3379	AB=F? 0.3011	AB=G? 0.6618	AB=H? 0.2345	AB=CD? 0.1042	AB=E-H? 0.1984	AB=FGH? 0.2090	HOMO. 0.4315	TREND. 0.0461
1975-78	OBS. TOTAL	189	73 75.2	62 54.0	36 32.9	10 10.5	14 9.0	5 3.6	5 1.7	4 2.2		
	OBS./EXP. RELATIVE RISK		0.971 1.000	0.778	1.096 1.231	0.953 1.071	1.560 1.751	1.372 1.541	2.891 3.247	1.850 2.078		
	TEST PROB.	AB=C? 0.2412	AB=D? 0.4677	AB=E? 0.0897	AB=F? 0.3008	AB=G? 0.0492	AB=H? 0.2232	AB=CD? 0.2498	AB=E-H? 0.0155	AB=FGH? 0.0370	HOMO. 0.0444	TREND. 0.0016

TABLE 25-8 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 25-8

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1183	444	327	251	63	44	29	7	18		
	EXP.	478.0	328.6	237.9	64.7	39.0	17.1	8.0	9.9			
	OBS./EXP. RELATIVE RISK	0.929	1.000	0.995	1.055	0.974	1.130	1.699	0.877	1.820		
	TEST PROB.	AB=C? 0.1902	AB=D? 0.4821	AB=E? 0.2649	AB=F? 0.0222	AB=G? 0.6167	AB=H? 0.0386	AB=CD? 0.2171	AB=E-H? 0.0155	AB=FGH? 0.0094	HOMO, 0.0069	TREND, 0.0003
1950-54	OBS. TOTAL	125	42	31	33	7	4	4	1	3		
	EXP.	51.0	34.7	25.4	6.8	3.8	1.6	0.8	1.0			
	OBS./EXP. RELATIVE RISK	0.823	1.000	0.893	1.301	1.028	1.063	2.523	1.302	3.104		
	TEST PROB.	AB=C? 0.0940	AB=D? 0.4443	AB=E? 0.4264	AB=F? 0.1274	AB=G? 0.3491	AB=H? 0.1272	AB=CD? 0.1022	AB=E-H? 0.0783	AB=FGH? 0.0389	HOMO, 0.0843	TREND, 0.0031
1955-58	OBS. TOTAL	143	65	43	22	4	4	3	0	2		
	EXP.	55.7	41.0	29.4	8.0	4.7	2.1	0.9	1.1			
	OBS./EXP. RELATIVE RISK	1.167	1.000	1.048	0.747	0.498	0.851	1.463	0.000	1.780		
	TEST PROB.	AB=C? 0.9057	AB=D? 0.8996	AB=E? 0.7000	AB=F? 0.4138	AB=G? 0.8471	AB=H? 0.3860	AB=CD? 0.9497	AB=E-H? 0.6122	AB=FGH? 0.4367	HOMO, 0.3473	TREND, 0.5557
1959-62	OBS. TOTAL	147	48	47	31	12	4	0	2	3		
	EXP.	61.0	40.1	29.7	8.0	4.3	1.9	0.9	1.1			
	OBS./EXP. RELATIVE RISK	0.786	1.000	1.172	1.044	1.494	0.935	0.000	2.222	2.814		
	TEST PROB.	AB=C? 0.4041	AB=D? 0.1758	AB=E? 0.5699	AB=F? 0.8874	AB=G? 0.4066	AB=H? 0.1909	AB=CD? 0.2520	AB=E-H? 0.4689	AB=FGH? 0.4515	HOMO, 0.0729	TREND, 0.0575
1963-66	OBS. TOTAL	168	57	52	39	8	5	4	0	3		
	EXP.	69.0	46.1	33.3	9.0	5.2	2.4	1.1	1.4			
	OBS./EXP. RELATIVE RISK	0.826	1.000	1.129	1.153	0.892	0.952	1.683	0.000	2.198		
	TEST PROB.	AB=C? 0.2547	AB=D? 0.5926	AB=E? 0.5329	AB=F? 0.3139	AB=G? 0.8475	AB=H? 0.2614	AB=CD? 0.3076	AB=E-H? 0.3403	AB=FGH? 0.2875	HOMO, 0.3165	TREND, 0.1383
1967-70	OBS. TOTAL	172	64	41	44	11	5	4	1	2		
	EXP.	70.2	47.2	34.4	9.3	5.7	2.6	1.2	1.5			
	OBS./EXP. RELATIVE RISK	0.911	1.000	0.868	1.280	1.187	0.875	1.560	0.858	1.372		
	TEST PROB.	AB=C? 0.0923	AB=D? 0.3023	AB=E? 0.5222	AB=F? 0.3146	AB=G? 0.5220	AB=H? 0.3923	AB=CD? 0.0823	AB=E-H? 0.3418	AB=FGH? 0.2689	HOMO, 0.5934	TREND, 0.1949
1971-74	OBS. TOTAL	206	77	59	38	7	15	6	1	3		
	EXP.	81.7	58.4	40.9	11.3	7.2	3.2	1.5	1.8			
	OBS./EXP. RELATIVE RISK	0.943	1.000	1.010	0.929	0.621	2.074	1.849	0.688	1.647		
	TEST PROB.	AB=C? 0.5929	AB=D? 0.8385	AB=E? 0.0350	AB=F? 0.2125	AB=G? 0.6834	AB=H? 0.4112	AB=CD? 0.7213	AB=E-H? 0.0229	AB=FGH? 0.2142	HOMO, 0.0520	TREND, 0.0247
1975-78	OBS. TOTAL	222	91	54	44	14	7	8	2	2		
	EXP.	90.0	61.1	44.1	12.0	7.9	3.4	1.6	1.9			
	OBS./EXP. RELATIVE RISK	1.011	1.000	0.884	0.998	1.166	0.889	2.332	1.286	1.031		
	TEST PROB.	AB=C? 0.4860	AB=D? 0.3558	AB=E? 0.5929	AB=F? 0.0415	AB=G? 0.3841	AB=H? 0.4220	AB=CD? 0.4046	AB=E-H? 0.1902	AB=FGH? 0.0758	HOMO, 0.3451	TREND, 0.0965

TABLE 25-9 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 25-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-73	OBS. TOTAL	1748	767	424	330	90	60	43	10	24		
	EXP.	790.4	449.9	325.8	86.6	53.2	19.0	9.3	13.7			
	OBS./EXP.	0.970	0.942	1.013	1.039	1.127	2.259	1.075	1.737			
	RELATIVE RISK	1.000	1.000	1.055	1.082	1.173	2.353	1.119	1.829			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2926	0.3228	0.2076	0.0000	0.4731	0.0218	0.2415	0.0007	0.0000	0.0000	0.0000
1950-54	OBS. TOTAL	192	81	47	42	9	6	3	1	3		
	EXP.	86.9	49.4	35.8	9.6	5.8	2.0	1.0	1.5			
	OBS./EXP.	0.932	0.952	1.174	0.934	1.040	1.505	0.998	2.035			
	RELATIVE RISK	1.000	1.000	1.250	0.995	1.108	1.603	1.063	2.167			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2006	0.4911	0.4387	0.4300	0.4358	0.2849	0.2381	0.2737	0.2298	0.8083	0.0875
1955-58	OBS. TOTAL	195	106	44	25	9	4	0	1	1		
	EXP.	88.3	49.7	36.7	10.0	5.8	2.0	1.0	1.4			
	OBS./EXP.	1.200	0.884	0.681	0.904	0.690	2.935	0.000	0.708			
	RELATIVE RISK	1.000	1.000	0.627	0.832	0.635	2.701	0.000	0.652			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.9471	0.6338	0.7777	0.0664	0.8465	0.6984	0.9407	0.5262	0.3118	0.0150	0.5940
1959-62	OBS. TOTAL	236	87	71	47	12	10	2	2	5		
	EXP.	106.8	60.3	44.1	12.3	7.1	2.5	1.2	1.7			
	OBS./EXP.	0.815	1.177	1.066	0.978	1.408	0.803	1.631	2.917			
	RELATIVE RISK	1.000	1.000	1.127	1.035	1.489	0.850	1.726	3.085			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3249	0.4590	0.2436	0.6242	0.4039	0.0645	0.3409	0.1018	0.1580	0.0532	0.0034
1963-66	OBS. TOTAL	259	112	67	50	14	5	6	0	5		
	EXP.	117.4	66.1	48.5	12.9	7.8	2.9	1.3	2.0			
	OBS./EXP.	0.954	1.014	1.031	1.081	0.641	2.055	0.000	2.550			
	RELATIVE RISK	1.000	1.000	1.057	1.108	0.657	2.106	0.000	2.615			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4304	0.4608	0.7855	0.1424	0.8584	0.1016	0.3983	0.3762	0.1095	0.1506	0.0557
1967-70	OBS. TOTAL	250	110	59	48	16	8	1	2	2		
	EXP.	113.5	63.7	46.8	12.3	7.7	2.8	1.3	1.3			
	OBS./EXP.	0.969	0.926	1.025	1.306	1.044	2.128	0.788	1.014			
	RELATIVE RISK	1.000	1.000	1.075	1.369	1.095	2.231	0.826	1.063			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4045	0.2283	0.4486	0.1219	0.6253	0.4310	0.2887	0.2714	0.2233	0.6221	0.1742
1971-74	OBS. TOTAL	290	128	61	59	13	15	2	2	4		
	EXP.	131.1	74.9	54.2	14.0	8.9	3.2	1.5	2.3			
	OBS./EXP.	0.977	0.815	1.089	0.927	1.693	2.506	1.320	1.731			
	RELATIVE RISK	1.000	1.000	1.187	1.010	1.844	2.730	1.438	1.886			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2284	0.4797	0.0571	0.0315	0.3847	0.2551	0.2567	0.0066	0.0266	0.0243	0.0026
1975-78	OBS. TOTAL	326	143	75	59	17	12	4	4	4		
	EXP.	146.3	85.8	60.6	15.5	10.1	3.5	1.8	2.5			
	OBS./EXP.	0.977	0.874	0.974	1.099	1.190	3.451	2.246	1.621			
	RELATIVE RISK	1.000	1.000	1.037	1.171	1.268	3.675	2.392	1.726			
	TEST	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4582	0.3675	0.3282	0.0009	0.1744	0.3147	0.3927	0.0085	0.0012	0.3004	0.0002

TABLE 25-10 ALL MALIGNANT NEOPLASMS EXCEPT STOMACH, LUNG,
BREAST, THYROID, AND LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 25-10

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	465	91	163	104	40	32	17	8	10		
	EXP.		97.7	168.2	97.7	36.6	32.2	16.6	7.1	8.9		
	OBS./EXP.		0.931	0.969	1.065	1.092	0.993	1.027	1.125	1.123		
	RELATIVE RISK		1.000		1.115	1.143	1.040	1.075	1.178	1.176		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2808	0.2852	0.4702	0.4729	0.4219	0.4185	0.2292	0.3717	0.3467	0.9785	0.2662
1950-54	OBS.	41	12	13	10	1	0	3	1	1		
	EXP.		8.1	15.7	9.7	2.9	2.3	1.1	0.5	0.7		
	OBS./EXP.		1.490	0.826	1.028	0.344	0.000	2.712	2.069	1.404		
	RELATIVE RISK		1.000		0.978	0.328	0.000	2.582	1.969	1.336		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5481	0.8416	0.9060	0.2296	0.3081	0.3683	0.6825	0.4591	0.2177	0.1956	0.2581
1955-58	OBS.	53	10	23	13	2	3	0	1	1		
	EXP.		10.0	20.6	12.3	3.9	3.1	1.6	0.6	0.9		
	OBS./EXP.		0.995	1.117	1.054	0.518	0.964	0.000	1.572	1.157		
	RELATIVE RISK		1.000		0.979	0.481	0.894	0.000	1.460	1.074		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5407	0.8131	0.5357	0.8780	0.3497	0.4209	0.6698	0.7064	0.7500	0.8825	0.6902
1959-62	OBS.	51	5	24	11	2	5	0	2	2		
	EXP.		10.5	18.7	11.1	4.1	3.3	1.6	0.7	1.0		
	OBS./EXP.		0.478	1.281	0.994	0.486	1.519	0.000	2.760	2.029		
	RELATIVE RISK		1.000		1.001	0.490	1.530	0.000	2.778	2.042		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5322	0.7929	0.3312	0.8741	0.2872	0.4553	0.6639	0.3278	0.4263	0.1268	0.1798
1963-66	OBS.	64	15	19	15	9	1	5	0	0		
	EXP.		13.3	23.3	13.8	5.0	4.2	2.2	1.0	1.3		
	OBS./EXP.		1.126	0.817	1.088	1.797	0.237	2.311	0.000	0.000		
	RELATIVE RISK		1.000		1.171	1.934	0.255	2.486	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4099	0.1451	0.8952	0.1508	0.8413	0.8568	0.2255	0.7411	0.4306	0.0787	0.6974
1967-70	OBS.	78	15	23	19	10	4	5	1	1		
	EXP.		17.2	27.2	15.6	6.4	5.7	3.0	1.3	1.6		
	OBS./EXP.		0.871	0.846	1.217	1.573	0.696	1.644	0.783	0.644		
	RELATIVE RISK		1.000		1.422	1.838	0.813	1.922	0.915	0.753		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2261	0.1458	0.6669	0.2922	0.5685	0.6542	0.1245	0.4545	0.3639	0.5608	0.4190
1971-74	OBS.	93	13	40	15	9	10	3	0	3		
	EXP.		20.5	32.8	18.5	7.5	6.9	3.6	1.5	1.7		
	OBS./EXP.		0.635	1.220	0.812	1.202	1.447	0.836	0.000	1.728		
	RELATIVE RISK		1.000		0.816	1.208	1.455	0.840	0.000	1.737		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7223	0.3962	0.2718	0.6420	0.8683	0.3851	0.6115	0.4111	0.6264	0.2339	0.2832
1975-78	OBS.	85	21	21	21	7	9	1	3	2		
	EXP.		18.9	29.2	16.4	7.0	6.8	3.5	1.5	1.6		
	OBS./EXP.		1.111	0.718	1.293	0.995	1.329	0.284	1.996	1.223		
	RELATIVE RISK		1.000		1.471	1.140	1.524	0.325	2.288	1.402		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1869	0.4770	0.2514	0.8440	0.2487	0.3827	0.2065	0.3305	0.4506	0.3305	0.3026

TABLE 26-1 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	226	80	72	42	11	9	8	1	3		
	EXP.		89.7	63.8	43.2	12.7	8.9	3.7	1.7	2.3		
	OBS./EXP. RELATIVE RISK		0.892 1.000	1.129	0.972 0.982	0.866 0.874	1.013 1.023	2.153 2.174	0.596 0.602	1.295 1.308		
	TEST PROB.	AB=C? 0.5470	AB=D? 0.6549	AB=E? 0.5554	AB=F? 0.0975	AB=G? 0.7197	AB=H? 0.4105	AB=CD? 0.5877	AB=E-H? 0.3093	AB=FGH? 0.1933	HQMC, 0.3346	TREND, 0.1472
1950-54	OBS. TOTAL	27	8	11	6	2	0	0	0	0		
	EXP.		10.4	7.7	5.4	1.6	1.0	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.770 1.000	1.427	1.114 1.061	1.269 1.209	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4393	AB=D? 0.3997	AB=E? 0.8582	AB=F? 0.8125	AB=G? 0.7844	AB=H? 0.7923	AB=CD? 0.4396	AB=E-H? 0.9040	AB=FGH? 0.8490	HQMC, 0.7649	TREND, 0.8629
1955-58	OBS. TOTAL	31	11	13	5	0	1	1	0	0		
	EXP.		12.1	8.9	6.1	1.8	1.2	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.912 1.000	1.464	0.824 0.719	0.000 0.000	0.832 0.726	1.938 1.735	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7353	AB=D? 0.8938	AB=E? 0.6636	AB=F? 0.3246	AB=G? 0.7857	AB=H? 0.7945	AB=CD? 0.8400	AB=E-H? 0.6754	AB=FGH? 0.6161	HQMC, 0.6578	TREND, 0.7401
1959-62	OBS. TOTAL	26	14	6	3	1	0	2	0	0		
	EXP.		10.8	7.0	4.9	1.5	1.0	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.296 1.000	0.853	0.613 0.546	0.682 0.608	0.000 0.000	5.316 4.742	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8008	AB=D? 0.7195	AB=E? 0.8560	AB=F? 0.1871	AB=G? 0.7829	AB=H? 0.7929	AB=CD? 0.8122	AB=E-H? 0.5769	AB=FGH? 0.4493	HQMC, 0.1653	TREND, 0.4690
1963-66	OBS. TOTAL	34	10	11	8	2	1	1	0	1		
	EXP.		13.5	9.6	6.5	1.9	1.3	0.6	0.2	0.3		
	OBS./EXP. RELATIVE RISK		0.742 1.000	1.144	1.223 1.344	1.043 1.147	0.757 0.832	1.748 1.922	0.000 0.000	3.115 3.424		
	TEST PROB.	AB=C? 0.3781	AB=D? 0.4194	AB=E? 0.6642	AB=F? 0.3298	AB=G? 0.7869	AB=H? 0.2833	AB=CD? 0.3679	AB=E-H? 0.4125	AB=FGH? 0.3827	HQMC, 0.8257	TREND, 0.1694
1967-70	OBS. TOTAL	44	12	12	9	2	4	3	0	2		
	EXP.		17.4	12.4	8.4	2.5	1.8	0.8	0.3	0.5		
	OBS./EXP. RELATIVE RISK		0.692 1.000	0.966	1.073 1.331	0.803 0.996	2.273 2.819	3.906 4.846	0.000 0.000	4.200 5.210		
	TEST PROB.	AB=C? 0.3700	AB=D? 0.4459	AB=E? 0.1378	AB=F? 0.0526	AB=G? 0.7894	AB=H? 0.1629	AB=CD? 0.3900	AB=E-H? 0.0156	AB=FGH? 0.0338	HQMC, 0.0184	TREND, 0.0007
1971-74	OBS. TOTAL	32	13	11	4	2	0	1	1	0		
	EXP.		13.0	9.0	6.0	1.7	1.2	0.5	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.003 1.000	1.219	0.665 0.609	1.158 1.061	0.000 0.000	1.997 1.829	4.202 3.849	0.000 0.000		
	TEST PROB.	AB=C? 0.7907	AB=D? 0.4338	AB=E? 0.8642	AB=F? 0.3220	AB=G? 0.2711	AB=H? 0.7962	AB=CD? 0.7488	AB=E-H? 0.6460	AB=FGH? 0.3912	HQMC, 0.5829	TREND, 0.4564
1975-78	OBS. TOTAL	32	12	8	7	2	3	0	0	0		
	EXP.		12.8	9.0	6.0	1.8	1.3	0.5	0.3	0.3		
	OBS./EXP. RELATIVE RISK		0.940 1.000	0.888	1.174 1.278	1.098 1.196	2.247 2.468	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4284	AB=D? 0.3976	AB=E? 0.3104	AB=F? 0.8094	AB=G? 0.7848	AB=H? 0.7894	AB=CD? 0.4072	AB=E-H? 0.4067	AB=FGH? 0.8451	HQMC, 0.8241	TREND, 0.6273

TABLE 26-2 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	3	1	0	1	0	0	1	0	0		
	EXP.		0.9	1.1	0.7	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.172 1.000	0.000	1.443 2.751	0.000 0.000	0.000 0.000	1.340 31.158	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2805	AB=D? 0.7719	AB=E? 0.7667	AB=F? 0.2419	AB=G? 0.7614	AB=H? 0.7618	AB=CD? 0.2922	AB=E-H? 0.2495	AB=FGH? 0.2442	HOMO. 0.0255	TREND. 0.1167
1950-54	OBS. EXP.	1	0 0.2	0 0.4	1 0.3	0 0.1	0 0.0	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	3.922 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO. 0.3921	TREND. 0.5027
1955-58	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1967-70	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X
1971-74	OBS. EXP.	2	1 0.7	0 0.7	0 0.4	0 0.1	0 0.1	1 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.515 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	29.088 38.477	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8060	AB=D? 0.7719	AB=E? 0.7666	AB=F? 0.2419	AB=G? 0.7614	AB=H? 0.7617	AB=CD? 0.8145	AB=E-H? 0.2494	AB=FGH? 0.2442	HOMO. 0.0002	TREND. 0.0413
1975-78	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? X	AB=FGH? X	HOMO. X	TREND. X

TABLE 26-3 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	Y-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	20	5	8	3	0	2	1	1	0		
	EXP.		6.9	6.4	3.2	1.1	1.2	0.6	0.2	0.3		
	OBS./EXP.		0.728	1.242	0.933	0.000	1.616	1.746	4.485	0.000		
	RELATIVE RISK		1.000		0.956	0.000	1.655	1.738	4.593	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5622	0.8579	0.3775	0.3335	0.2663	0.7960	0.7045	0.4131	0.3891	0.5493	0.2350
1950-54	OBS. TOTAL	1	0	1	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	2.622	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8110	0.7866	0.7923	0.7756	0.7652	0.7690	0.8298	0.8146	0.7878	0.9778	0.6327
1955-58	OBS. TOTAL	2	0	0	0	0	1	1	0	0		
	EXP.		0.4	0.7	0.3	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP.		0.000	0.000	0.000	0.000	4.884	9.865	0.000	0.000		
	RELATIVE RISK		X	X	X	X	X	X	X	X		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	X	X	0.2398	0.2398	X	X	X	0.1551	0.2398	0.0779	0.0538
1959-62	OBS. TOTAL	2	2	0	0	0	0	0	0	0		
	EXP.		0.7	0.6	0.3	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP.		3.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8286	0.7904	0.7939	0.7745	0.7665	0.7697	0.8471	0.8170	0.7899	0.7368	0.7801
1963-66	OBS. TOTAL	4	1	2	1	0	0	0	0	0		
	EXP.		1.3	1.2	0.7	0.2	0.3	0.1	0.0	0.1		
	OBS./EXP.		0.742	1.652	1.462	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.247	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3781	0.8042	0.8120	0.7880	0.7696	0.7723	0.5913	0.8434	0.8048	0.9820	0.7498
1967-70	OBS. TOTAL	5	1	3	0	0	1	0	0	0		
	EXP.		1.8	1.5	0.8	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.557	1.960	0.000	0.000	3.344	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	2.782	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8536	0.7976	0.2844	0.7788	0.7688	0.7721	0.8725	0.3436	0.7958	0.6739	0.5316
1971-74	OBS. TOTAL	3	1	1	0	0	0	0	1	0		
	EXP.		1.1	1.0	0.4	0.1	0.2	0.1	0.0	0.0		
	OBS./EXP.		0.913	0.986	0.000	0.000	0.000	0.000	35.372	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	37.318	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8227	0.7887	0.7938	0.7766	0.2426	0.7700	0.8405	0.2703	0.2542	0.0000	0.0171
1975-78	OBS. TOTAL	3	0	1	2	0	0	0	0	0		
	EXP.		1.3	1.0	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	1.043	4.682	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		10.769	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1558	0.7691	0.7680	0.7637	0.7623	0.7637	0.1994	0.7763	0.7690	0.3877	0.6231

TABLE 26-4 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	32	8	8	6	5	4	0	0	1		
	EXP.	12.5	9.1	5.8	1.9	1.4	0.7	0.3	0.4			
	OBS./EXP. RELATIVE RISK	0.642	1.000	0.882	1.031	2.661	2.919	0.000	0.000	2.406		
	TEST PROB.	AB=C? 0.4113	AB=D? 0.0494	AB=E? 0.0942	AB=F? 0.3121	AB=G? 0.7883	AB=H? 0.2819	AB=CD? 0.1407	AB=E-H? 0.2118	AB=FGH? 0.5974	HOMO. 0.0507	TREND. 0.0698
1950-54	OBS. EXP.	3	2	0	1	0	0	0	0	0		
	RELATIVE RISK	1.731	1.000	0.000	1.922	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3149	AB=D? 0.7986	AB=E? 0.7979	AB=F? 0.7846	AB=G? 0.7702	AB=H? 0.7690	AB=CD? 0.3620	AB=E-H? 0.8276	AB=FGH? 0.7994	HOMO. 0.9278	TREND. 0.7229
1955-58	OBS. EXP.	4	1	3	0	0	0	0	0	0		
	RELATIVE RISK	0.779	1.000	2.364	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8713	AB=D? 0.8086	AB=E? 0.3015	AB=F? 0.7218	AB=G? 0.7713	AB=H? 0.7742	AB=CD? 0.8928	AB=E-H? 0.3335	AB=FGH? 0.8025	HOMO. 0.7938	TREND. 0.7630
1959-62	OBS. EXP.	4	0	1	2	1	0	0	0	0		
	RELATIVE RISK	0.000	1.000	0.932	2.793	5.010	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2207	AB=D? 0.2483	AB=E? 0.7688	AB=F? 0.7636	AB=G? 0.7623	AB=H? 0.7635	AB=CD? 0.1170	AB=E-H? 0.7763	AB=FGH? 0.7687	HOMO. 0.3747	TREND. 0.4954
1963-66	OBS. EXP.	1	0	0	0	1	0	0	0	0		
	RELATIVE RISK	0.000	0.000	0.000	0.000	25.783	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? X	AB=D? 0.2398	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO. 0.0008	TREND. 0.2405
1967-70	OBS. EXP.	8	2	2	1	1	1	0	0	1		
	RELATIVE RISK	0.651	1.000	0.857	0.667	2.212	3.116	0.000	0.000	9.796		
	TEST PROB.	AB=C? 0.5830	AB=D? 0.2746	AB=E? 0.2590	AB=F? 0.7691	AB=G? 0.7655	AB=H? 0.2478	AB=CD? 0.3711	AB=E-H? 0.2236	AB=FGH? 0.2657	HOMO. 0.1433	TREND. 0.0085
1971-74	OBS. EXP.	6	2	2	1	1	0	0	0	0		
	RELATIVE RISK	0.826	1.000	1.154	0.922	3.231	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.5662	AB=D? 0.2768	AB=E? 0.7935	AB=F? 0.7777	AB=G? 0.7693	AB=H? 0.7714	AB=CD? 0.3694	AB=E-H? 0.8209	AB=FGH? 0.7949	HOMO. 0.9532	TREND. 0.6398
1975-78	OBS. EXP.	6	1	0	1	1	3	0	0	0		
	RELATIVE RISK	0.431	1.000	0.000	0.956	2.374	9.802	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2714	AB=D? 0.2481	AB=E? 0.0057	AB=F? 0.7633	AB=G? 0.7621	AB=H? 0.7632	AB=CD? 0.2988	AB=E-H? 0.0450	AB=FGH? 0.7680	HOMO. 0.0002	TREND. 0.0508

TABLE 26-5 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	84	36 34.1	27 22.7	14 16.2	2 4.7	1 3.5	2 1.3	0 0.6	2 0.9		
	OBS./EXP. RELATIVE RISK		1.055 1.000	1.191 1.000	0.862 0.777	0.430 0.387	0.289 0.261	1.516 1.367	0.000 0.000	2.179 1.964		
	TEST PROB.	AB=C? 0.7534	AB=0? 0.8673	AB=E? 0.8816	AB=F? 0.3835	AB=G? 0.8219	AB=H? 0.4395	AB=CD? 0.8478	AB=E-H? 0.7364	AB=FGH? 0.4320	HOMO, 0.4537	TREND, 0.5402
1950-54	OBS. EXP.	7	2 3.1	5 1.7	0 1.3	0 0.3	0 0.2	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		0.635 1.000	2.872 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8971	AB=0? 0.8124	AB=E? 0.7976	AB=F? 0.7741	AB=G? 0.7673	AB=H? 0.7705	AB=CD? 0.9152	AB=E-H? 0.8205	AB=FGH? 0.7895	HOMO, 0.2799	TREND, 0.7911
1955-58	OBS. EXP.	8	4 3.6	2 2.0	2 1.5	0 0.4	0 0.3	0 0.1	0 0.0	0 0.1		
	OBS./EXP. RELATIVE RISK		1.114 1.000	0.996 1.000	1.315 1.227	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3907	AB=0? 0.8066	AB=E? 0.7939	AB=F? 0.7724	AB=G? 0.7663	AB=H? 0.7696	AB=CD? 0.5471	AB=E-H? 0.8148	AB=FGH? 0.7862	HOMO, 0.9935	TREND, 0.7543
1959-62	OBS. EXP.	9	6 3.8	2 2.3	0 1.7	0 0.5	0 0.4	1 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.566 1.000	0.858 1.000	0.000 0.000	0.000 0.000	0.000 0.000	7.746 5.968	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.9061	AB=0? 0.8255	AB=E? 0.8128	AB=F? 0.2591	AB=G? 0.7714	AB=H? 0.7765	AB=CD? 0.9267	AB=E-H? 0.3898	AB=FGH? 0.2870	HOMO, 0.1966	TREND, 0.4440
1963-66	OBS. EXP.	12	6 4.5	1 3.5	3 2.4	0 0.7	0 0.5	1 0.2	0 0.1	1 0.2		
	OBS./EXP. RELATIVE RISK		1.345 1.000	0.290 1.000	1.272 1.437	0.000 0.000	0.000 0.000	4.451 5.030	0.000 0.000	6.455 7.296		
	TEST PROB.	AB=C? 0.4096	AB=0? 0.8231	AB=E? 0.8119	AB=F? 0.2640	AB=G? 0.7717	AB=H? 0.2574	AB=CD? 0.4683	AB=E-H? 0.3964	AB=FGH? 0.2419	HOMO, 0.1340	TREND, 0.0513
1967-70	OBS. EXP.	19	5 7.2	6 5.4	6 3.8	0 1.1	1 0.8	0 0.3	0 0.2	1 0.2		
	OBS./EXP. RELATIVE RISK		0.696 1.000	1.120 1.000	1.593 1.817	0.000 0.000	1.198 1.367	0.000 0.000	0.000 0.000	4.274 4.875		
	TEST PROB.	AB=C? 0.2794	AB=0? 0.8462	AB=E? 0.3514	AB=F? 0.7959	AB=G? 0.7773	AB=H? 0.2650	AB=CD? 0.4335	AB=E-H? 0.3769	AB=FGH? 0.3373	HOMO, 0.5088	TREND, 0.2109
1971-74	OBS. EXP.	14	5 5.9	6 3.6	2 2.7	1 0.8	0 0.6	0 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.846 1.000	1.651 1.000	0.746 0.647	1.304 1.131	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7276	AB=0? 0.3908	AB=E? 0.8199	AB=F? 0.7863	AB=G? 0.7729	AB=H? 0.7768	AB=CD? 0.6447	AB=E-H? 0.8527	AB=FGH? 0.8095	HOMO, 0.8909	TREND, 0.8074
1975-78	OBS. EXP.	15	8 6.1	5 4.1	1 2.9	1 0.8	0 0.7	0 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.317 1.000	1.218 1.000	0.350 0.274	1.212 0.949	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8713	AB=0? 0.5821	AB=E? 0.8387	AB=F? 0.7935	AB=G? 0.7764	AB=H? 0.7414	AB=CD? 0.8451	AB=E-H? 0.8745	AB=FGH? 0.8214	HOMO, 0.8627	TREND, 0.8581

TABLE 26-6 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T=65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	87	30	29	18	4	2	4	0	0	
	EXP.	35.4		24.6	17.2	4.9	2.7	1.1	0.5	0.6	
	OBS./EXP. RELATIVE RISK	0.847	1.000	1.181	1.044	0.819	0.738	3.609	0.000	0.000	
	TEST PROB.	AB=C? 0.4693	AB=D? 0.6644	AB=E? 0.6975	AB=F? 0.0796	AB=G? 0.8082	AB=H? 0.8215	AB=CD? 0.4732	AB=E-H? 0.4453	AB=FGH? 0.3307	HOMO, 0.1490 TREND, 0.4286
1950-54	OBS. TOTAL	15	4	5	4	2	0	0	0	0	
	EXP.	5.7		4.4	3.1	0.9	0.5	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.703	1.000	1.137	1.289	2.268	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.4592	AB=D? 0.4054	AB=E? 0.8103	AB=F? 0.7834	AB=G? 0.7706	AB=H? 0.7758	AB=CD? 0.3239	AB=E-H? 0.8421	AB=FGH? 0.8046	HOMO, 0.8642 TREND, 0.6582
1955-58	OBS. TOTAL	17	6	8	3	0	0	0	0	0	
	EXP.	6.8		4.9	3.4	1.0	0.5	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.887	1.000	1.637	0.872	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.7043	AB=D? 0.8567	AB=E? 0.8221	AB=F? 0.7900	AB=G? 0.7730	AB=H? 0.7780	AB=CD? 0.7943	AB=E-H? 0.8576	AB=FGH? 0.8137	HOMO, 0.7739 TREND, 0.8648
1959-62	OBS. TOTAL	11	6	3	1	0	0	1	0	0	
	EXP.	4.5		3.0	2.1	0.7	0.4	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	1.326	1.000	0.997	0.467	0.000	0.000	7.033	0.000	0.000	
	TEST PROB.	AB=C? 0.8052	AB=D? 0.8318	AB=E? 0.8057	AB=F? 0.2608	AB=G? 0.7691	AB=H? 0.7736	AB=CD? 0.8541	AB=E-H? 0.3933	AB=FGH? 0.2891	HOMO, 0.3824 TREND, 0.4692
1963-66	OBS. TOTAL	17	3	8	4	1	1	0	0	0	
	EXP.	7.2		4.7	3.3	0.9	0.5	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.416	1.000	1.716	1.199	1.085	2.102	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.4187	AB=D? 0.4154	AB=E? 0.3100	AB=F? 0.7847	AB=G? 0.7715	AB=H? 0.7723	AB=CD? 0.4322	AB=E-H? 0.4197	AB=FGH? 0.8036	HOMO, 0.5207 TREND, 0.5436
1967-70	OBS. TOTAL	12	4	1	2	1	1	3	0	0	
	EXP.	5.3		3.2	2.3	0.6	0.3	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.755	1.000	0.313	0.871	1.548	3.274	21.864	0.000	0.000	
	TEST PROB.	AB=C? 0.3714	AB=D? 0.2893	AB=E? 0.2618	AB=F? 0.0000	AB=G? 0.7643	AB=H? 0.7663	AB=CD? 0.4743	AB=E-H? 0.0032	AB=FGH? 0.0008	HOMO, 0.0000 TREND, 0.0000
1971-74	OBS. TOTAL	7	4	2	1	0	0	0	0	0	
	EXP.	2.9		2.0	1.4	0.4	0.2	0.1	0.0	0.1	
	OBS./EXP. RELATIVE RISK	1.391	1.000	1.012	0.732	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.7221	AB=D? 0.8145	AB=E? 0.7890	AB=F? 0.7739	AB=G? 0.7677	AB=H? 0.7685	AB=CD? 0.7405	AB=E-H? 0.8116	AB=FGH? 0.7876	HOMO, 0.9871 TREND, 0.7977
1975-78	OBS. TOTAL	8	3	2	3	0	0	0	0	0	
	EXP.	3.0		2.4	1.6	0.5	0.3	0.1	0.1	0.0	
	OBS./EXP. RELATIVE RISK	0.991	1.000	0.850	1.839	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	AB=C? 0.4105	AB=D? 0.8144	AB=E? 0.8019	AB=F? 0.7826	AB=G? 0.7699	AB=H? 0.7682	AB=CD? 0.4031	AB=E-H? 0.8290	AB=FGH? 0.7967	HOMO, 0.9469 TREND, 0.7540

TABLE 26-7 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	105	42 40.1	33 30.4	16 19.1	4 6.1	5 5.0	2 2.0	1 0.9	2 1.4			
	OBS./EXP. RELATIVE RISK	1.046 1.000	1.086 1.000	0.837 0.787	0.657 0.618	1.002 0.943	0.989 0.930	1.135 1.067	1.459 1.372			
	TEST PROB.	AB=C? 0.7580	AB=D? 0.7877	AB=E? 0.6071	AB=F? 0.5765	AB=G? 0.4160	AB=H? 0.3843	AB=CD? 0.8147	AB=E-H? 0.5285	AB=FGH? 0.4313	HOMO, 0.9677	TREND, 0.4265
1950-54	12	2 3.8	7 3.8	2 2.4	1 0.8	0 0.6	0 0.3	0 0.1	0 0.2			
	OBS./EXP. RELATIVE RISK	0.531 1.000	1.849 1.000	0.821 0.689	1.299 1.090	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.6964	AB=D? 0.4186	AB=E? 0.8363	AB=F? 0.8009	AB=G? 0.7775	AB=H? 0.7844	AB=CD? 0.6684	AB=E-H? 0.8783	AB=FGH? 0.5302	HOMO, 0.6579	TREND, 0.8017
1955-58	11	4 4.2	4 3.2	2 2.1	0 0.6	1 0.5	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.952 1.000	1.252 1.000	0.964 0.891	0.000 0.000	1.995 1.844	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.6067	AB=D? 0.8272	AB=E? 0.3241	AB=F? 0.7836	AB=G? 0.7700	AB=H? 0.7777	AB=CD? 0.7034	AB=E-H? 0.5717	AB=FGH? 0.8059	HOMO, 0.9727	TREND, 0.6873
1959-62	14	9 5.3	3 4.1	1 2.6	0 0.8	0 0.7	1 0.3	0 0.1	0 0.2			
	OBS./EXP. RELATIVE RISK	1.695 1.000	0.739 1.000	0.388 0.303	0.000 0.000	0.000 0.000	3.952 3.086	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8544	AB=D? 0.8535	AB=E? 0.8397	AB=F? 0.2826	AB=G? 0.7770	AB=H? 0.7867	AB=CD? 0.9001	AB=E-H? 0.7123	AB=FGH? 0.3570	HOMO, 0.3358	TREND, 0.6873
1963-66	15	6 6.0	5 4.2	1 2.7	1 0.9	1 0.7	0 0.3	0 0.1	1 0.2			
	OBS./EXP. RELATIVE RISK	0.998 1.000	1.196 1.000	0.373 0.345	1.130 1.047	1.462 1.355	0.000 0.000	0.000 0.000	5.578 5.168			
	TEST PROB.	AB=C? 0.8357	AB=D? 0.4284	AB=E? 0.3548	AB=F? 0.7934	AB=G? 0.7745	AB=H? 0.2647	AB=CD? 0.7954	AB=E-H? 0.3763	AB=FGH? 0.3400	HOMO, 0.5953	TREND, 0.1220
1967-70	16	5 6.3	5 4.5	3 2.8	1 0.9	1 0.8	0 0.3	0 0.1	1 0.2			
	OBS./EXP. RELATIVE RISK	0.793 1.000	1.111 1.000	1.057 1.142	1.054 1.138	1.319 1.425	0.000 0.000	0.000 0.000	4.691 5.067			
	TEST PROB.	AB=C? 0.4147	AB=D? 0.3835	AB=E? 0.3379	AB=F? 0.7925	AB=G? 0.7745	AB=H? 0.2616	AB=CD? 0.4201	AB=E-H? 0.3831	AB=FGH? 0.3175	HOMO, 0.8049	TREND, 0.1508
1971-74	18	7 7.1	5 5.2	3 3.3	1 1.0	0 0.8	1 0.3	1 0.1	0 0.2			
	OBS./EXP. RELATIVE RISK	0.982 1.000	0.963 1.000	0.918 0.943	1.030 1.057	0.000 0.000	3.175 3.260	6.778 6.958	0.000 0.000			
	TEST PROB.	AB=C? 0.5682	AB=D? 0.4258	AB=E? 0.8315	AB=F? 0.2794	AB=G? 0.2557	AB=H? 0.7847	AB=CD? 0.5512	AB=E-H? 0.3769	AB=FGH? 0.3185	HOMO, 0.3837	TREND, 0.2199
1975-78	19	9 7.4	4 5.4	4 3.4	0 1.1	2 0.9	0 0.4	0 0.2	0 0.2			
	OBS./EXP. RELATIVE RISK	1.210 1.000	0.747 1.000	1.185 1.167	0.000 0.000	2.166 2.132	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.4166	AB=D? 0.8558	AB=E? 0.3935	AB=F? 0.8007	AB=G? 0.7795	AB=H? 0.7832	AB=CD? 0.6046	AB=E-H? 0.4925	AB=FGH? 0.8306	HOMO, 0.7509	TREND, 0.7202

TABLE 26-8 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	121	38	39	25	7	4	6	0	1		
	EXP.	49.6	33.4	24.1	6.6	3.9	1.7	0.8		0.9		
	OBS./EXP. RELATIVE RISK	0.767	1.168	1.080	1.058	1.027	3.540	0.000		1.058		
	TEST PROB.	AB=C? 0.3535	AB=D? 0.4503	AB=E? 0.4369	AB=F? 0.0233	AB=G? 0.8275	AB=H? 0.4201	AB=C0? 0.3324	AB=E-H? 0.2202	AB=FGH? 0.1330	HOMO. 0.0255	TREND. 0.1016
1950-54	OBS. TOTAL	15	6	4	4	1	0	0	0	0		
	EXP.	6.6	3.9	2.9	0.8	0.4	0.2	0.1		0.1		
	OBS./EXP. RELATIVE RISK	0.906	1.020	1.358	1.241	0.000	0.000	0.000		0.000		
	TEST PROB.	AB=C? 0.4521	AB=D? 0.3695	AB=E? 0.8029	AB=F? 0.7789	AB=G? 0.7695	AB=H? 0.7713	AB=C0? 0.4592	AB=E-H? 0.9301	AB=FGH? 0.7962	HOMO. 0.9912	TREND. 0.7343
1955-58	OBS. TOTAL	20	7	9	3	0	0	1	0	0		
	EXP.	7.9	5.7	4.0	1.2	0.7	0.3	0.1		0.2		
	OBS./EXP. RELATIVE RISK	0.890	1.582	0.751	0.000	0.000	3.220	0.000		0.000		
	TEST PROB.	AB=C? 0.7550	AB=D? 0.8645	AB=E? 0.8304	AB=F? 0.2894	AB=G? 0.7783	AB=H? 0.7812	AB=C0? 0.8360	AB=E-H? 0.7095	AB=FGH? 0.3606	HOMO. 0.5428	TREND. 0.6784
1959-62	OBS. TOTAL	12	5	3	2	1	0	1	0	0		
	EXP.	5.5	3.0	2.3	0.6	0.3	0.1	0.1		0.1		
	OBS./EXP. RELATIVE RISK	0.910	1.008	0.863	1.605	0.000	8.117	0.000		0.000		
	TEST PROB.	AB=C? 0.5878	AB=D? 0.3246	AB=E? 0.7934	AB=F? 0.2532	AB=G? 0.7682	AB=H? 0.7692	AB=C0? 0.4262	AB=E-H? 0.3193	AB=FGH? 0.2708	HOMO. 0.4263	TREND. 0.2467
1963-66	OBS. TOTAL	19	4	6	7	1	0	1	0	0		
	EXP.	7.5	5.4	3.9	1.0	0.6	0.3	0.1		0.1		
	OBS./EXP. RELATIVE RISK	0.536	1.104	1.814	0.969	0.000	3.285	0.000		0.000		
	TEST PROB.	AB=C? 0.1475	AB=D? 0.4046	AB=E? 0.8240	AB=F? 0.2788	AB=G? 0.7756	AB=H? 0.7759	AB=C0? 0.1693	AB=E-H? 0.6311	AB=FGH? 0.3255	HOMO. 0.4436	TREND. 0.4862
1967-70	OBS. TOTAL	28	7	7	6	1	3	3	0	1		
	EXP.	11.1	7.9	5.6	1.5	1.0	0.5	0.2		0.3		
	OBS./EXP. RELATIVE RISK	0.633	0.884	1.081	0.649	2.994	6.523	0.000		3.803		
	TEST PROB.	AB=C? 0.3805	AB=D? 0.5871	AB=E? 0.1185	AB=F? 0.0068	AB=G? 0.7783	AB=H? 0.2673	AB=C0? 0.4100	AB=E-H? 0.0096	AB=FGH? 0.0214	HOMO. 0.0019	TREND. 0.0005
1971-74	OBS. TOTAL	14	6	6	1	1	0	0	0	0		
	EXP.	5.8	3.6	2.8	0.8	0.4	0.2	0.1		0.1		
	OBS./EXP. RELATIVE RISK	1.029	1.566	0.363	1.323	0.000	0.000	0.000		0.000		
	TEST PROB.	AB=C? 0.8663	AB=D? 0.4385	AB=E? 0.8178	AB=F? 0.7884	AB=G? 0.7743	AB=H? 0.7757	AB=C0? 0.8247	AB=E-H? 0.8527	AB=FGH? 0.8115	HOMO. 0.8596	TREND. 0.8038
1975-78	OBS. TOTAL	13	3	4	3	2	1	0	0	0		
	EXP.	5.3	3.7	2.6	0.7	0.4	0.2	0.1		0.1		
	OBS./EXP. RELATIVE RISK	0.563	1.095	1.159	2.888	2.498	0.000	0.000		0.000		
	TEST PROB.	AB=C? 0.4125	AB=D? 0.2727	AB=E? 0.2781	AB=F? 0.7745	AB=G? 0.7677	AB=H? 0.7690	AB=C0? 0.2964	AB=E-H? 0.3174	AB=FGH? 0.7888	HOMO. 0.6745	TREND. 0.4264

TABLE 26-9 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	174	68	52	35	9	5	3	1	1		
	EXP.	78.9	44.8	32.3	8.6	5.2	1.9	0.9	1.3			
	OBS./EXP. RELATIVE RISK	0.862	1.160	1.082	1.046	0.962	1.608	1.089	0.747	0.770		
	TEST PROB.	AB=C? 0.3748	AB=D? 0.4505	AB=E? 0.5579	AB=F? 0.4103	AB=G? 0.4088	AB=H? 0.6543	AB=CD? 0.3668	AB=E-H? 0.4590	AB=FGH? 0.4694	HOMO. 0.8156	TREND. 0.4077
1950-54	OBS. TOTAL	19	6	8	4	1	0	0	0	0		
	EXP.	8.7	4.8	3.6	1.0	0.5	0.2	0.1	0.1			
	OBS./EXP. RELATIVE RISK	0.690	1.662	1.116	1.024	0.988	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4323	AB=D? 0.5219	AB=E? 0.8167	AB=F? 0.7826	AB=G? 0.7719	AB=H? 0.7766	AB=CD? 0.4401	AB=E-H? 0.8482	AB=FGH? 0.8057	HOMO. 0.7878	TREND. 0.7762
1955-58	OBS. TOTAL	23	10	9	4	0	0	0	0	0		
	EXP.	10.5	5.8	4.3	1.2	0.6	0.2	0.1	0.2			
	OBS./EXP. RELATIVE RISK	0.952	1.540	0.922	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6712	AB=D? 0.8653	AB=E? 0.8270	AB=F? 0.7880	AB=G? 0.7744	AB=H? 0.7796	AB=CD? 0.7769	AB=E-H? 0.8622	AB=FGH? 0.8145	HOMO. 0.7718	TREND. 0.8697
1959-62	OBS. TOTAL	22	12	5	3	1	0	1	0	0		
	EXP.	9.9	5.6	4.1	1.1	0.7	0.2	0.1	0.2			
	OBS./EXP. RELATIVE RISK	1.209	0.886	0.735	0.887	0.813	0.000	4.151	0.000	0.000		
	TEST PROB.	AB=C? 0.7286	AB=D? 0.6362	AB=E? 0.8295	AB=F? 0.2716	AB=G? 0.7749	AB=H? 0.7806	AB=CD? 0.7246	AB=E-H? 0.6600	AB=FGH? 0.3229	HOMO. 0.7590	TREND. 0.6026
1963-66	OBS. TOTAL	26	8	7	8	2	1	0	0	0		
	EXP.	11.9	6.6	4.9	1.3	0.8	0.3	0.1	0.2			
	OBS./EXP. RELATIVE RISK	0.674	1.064	1.639	1.554	1.302	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.1716	AB=D? 0.4113	AB=E? 0.3419	AB=F? 0.7861	AB=G? 0.7725	AB=H? 0.7779	AB=CD? 0.1675	AB=E-H? 0.6167	AB=FGH? 0.8101	HOMO. 0.7369	TREND. 0.6037
1967-70	OBS. TOTAL	33	11	8	6	2	3	2	0	1		
	EXP.	15.0	8.4	6.2	1.6	1.0	0.4	0.2	0.2	0.3		
	OBS./EXP. RELATIVE RISK	0.731	0.954	0.973	1.228	3.073	5.456	0.000	3.866	4.767		
	TEST PROB.	AB=C? 0.4443	AB=D? 0.3813	AB=E? 0.1262	AB=F? 0.0926	AB=G? 0.7775	AB=H? 0.2675	AB=CD? 0.4270	AB=E-H? 0.0218	AB=FGH? 0.0795	HOMO. 0.0360	TREND. 0.0030
1971-74	OBS. TOTAL	26	11	9	3	2	0	0	1	0		
	EXP.	11.7	6.8	4.8	1.3	0.8	0.3	0.1	0.2	0.2		
	OBS./EXP. RELATIVE RISK	0.942	1.320	0.624	1.599	0.000	0.000	6.915	0.000	0.000		
	TEST PROB.	AB=C? 0.7927	AB=D? 0.3810	AB=E? 0.8338	AB=F? 0.7931	AB=G? 0.2580	AB=H? 0.7843	AB=CD? 0.7061	AB=E-H? 0.6973	AB=FGH? 0.3504	HOMO. 0.3123	TREND. 0.4331
1975-78	OBS. TOTAL	25	10	6	7	1	1	0	0	0		
	EXP.	11.2	6.7	4.6	1.2	0.8	0.2	0.1	0.2			
	OBS./EXP. RELATIVE RISK	0.896	0.902	1.511	0.829	1.294	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2702	AB=D? 0.5852	AB=E? 0.3601	AB=F? 0.7846	AB=G? 0.7725	AB=H? 0.7781	AB=CD? 0.3073	AB=E-H? 0.6370	AB=FGH? 0.8090	HOMO. 0.9558	TREND. 0.6843

TABLE 26-10 BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE

TABLE 26-10

		NAGASAKI, MALE + FEMALE, ALL AGES										
YEAR CLASS		T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	52	12	20	7	2	4	5	0	2		
	EXP.		10.8	19.0	10.9	4.1	3.7	1.9	0.8	1.0		
	OBS./EXP. RELATIVE RISK	1.109	1.000	1.055	0.644	0.488	1.086	2.701	0.000	2.044		
	TEST PROB.	AB=C? 0.8403	AB=D? 0.8259	AB=E? 0.5449	AB=F? 0.1143	AB=G? 0.8300	AB=H? 0.4218	AB=CD? 0.8893	AB=E-H? 0.2952	AB=FGH? 0.1867	HOMO, 0.1946	TREND, 0.0905
1950-54	OBS. EXP.	8	2	3	2	1	0	0	0	0		
	RELATIVE RISK	1.177	1.000	1.037	1.111	1.668	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4422	AB=D? 0.3431	AB=E? 0.8262	AB=F? 0.7982	AB=G? 0.7756	AB=H? 0.7799	AB=CD? 0.4083	AB=E-H? 0.8673	AB=FGH? 0.8236	HOMO, 0.9865	TREND, 0.8015
1955-58	OBS. EXP.	8	1	4	1	0	1	1	0	0		
	RELATIVE RISK	0.642	1.000	1.317	0.577	0.000	1.789	3.652	0.000	0.000		
	TEST PROB.	AB=C? 0.7645	AB=D? 0.8276	AB=E? 0.3234	AB=F? 0.2770	AB=G? 0.7743	AB=H? 0.7795	AB=CD? 0.8207	AB=E-H? 0.3719	AB=FGH? 0.3203	HOMO, 0.7859	TREND, 0.3737
1959-62	OBS. EXP.	4	2	1	0	0	0	1	0	0		
	RELATIVE RISK	2.286	1.000	0.718	0.000	0.000	0.000	7.390	0.000	0.000		
	TEST PROB.	AB=C? 0.8615	AB=D? 0.8149	AB=E? 0.3115	AB=F? 0.2605	AB=G? 0.7712	AB=H? 0.7773	AB=CD? 0.8883	AB=E-H? 0.3645	AB=FGH? 0.2872	HOMO, 0.2752	TREND, 0.3077
1963-66	OBS. EXP.	8	2	4	0	0	0	1	0	1		
	RELATIVE RISK	1.256	1.000	1.319	0.000	0.000	0.000	3.565	0.000	7.212		
	TEST PROB.	AB=C? 0.9068	AB=D? 0.8384	AB=E? 0.8334	AB=F? 0.2847	AB=G? 0.7773	AB=H? 0.2603	AB=CD? 0.9319	AB=E-H? 0.3735	AB=FGH? 0.3522	HOMO, 0.1573	TREND, 0.0428
1967-70	OBS. EXP.	11	1	4	3	0	1	1	0	1		
	RELATIVE RISK	0.433	1.000	0.992	1.351	0.000	1.276	2.491	0.000	4.598		
	TEST PROB.	AB=C? 0.4400	AB=D? 0.8259	AB=E? 0.3312	AB=F? 0.2729	AB=G? 0.7755	AB=H? 0.2612	AB=CD? 0.3982	AB=E-H? 0.2936	AB=FGH? 0.2942	HOMO, 0.5601	TREND, 0.0642
1971-74	OBS. EXP.	6	2	2	1	0	0	1	0	0		
	RELATIVE RISK	1.565	1.000	0.907	0.827	0.000	0.000	4.805	0.000	0.000		
	TEST PROB.	AB=C? 0.6534	AB=D? 0.8212	AB=E? 0.8178	AB=F? 0.2674	AB=G? 0.7746	AB=H? 0.7770	AB=CD? 0.7468	AB=E-H? 0.4146	AB=FGH? 0.3001	HOMO, 0.7112	TREND, 0.4628
1975-78	OBS. EXP.	7	2	2	0	1	2	0	0	0		
	RELATIVE RISK	1.248	1.000	0.849	0.000	1.627	3.633	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8774	AB=D? 0.3194	AB=E? 0.3273	AB=F? 0.7931	AB=G? 0.7755	AB=H? 0.7753	AB=CD? 0.7578	AB=E-H? 0.3696	AB=FGH? 0.8161	HOMO, 0.5238	TREND, 0.4344

TABLE 27-1 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 27-1

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2439	938	659	476	141	101	68	19	37		
	EXP.	977.8	681.9	466.7	136.0	94.4	39.3	18.1	24.9			
	OBS./EXP. RELATIVE RISK	0.959	1.000	0.966	1.020	1.037	1.070	1.730	1.050	1.487		
	TEST PROB.	AB=C? 0.2295	AB=D? 0.2751	AB=E? 0.2433	AB=F? 0.0004	AB=G? 0.4200	AB=H? 0.0359	AB=CD? 0.1869	AB=E-H? 0.0024	AB=FGH? 0.0003	HOMO. 0.0001	TREND. 0.0000
1950-54	OBS. EXP.	260	101 105.4	71 72.8	58 50.9	12 14.1	6 9.1	6 3.5	2 1.7	4 2.5		
	OBS./EXP. RELATIVE RISK	0.958	1.000	0.975	1.140	0.850	0.661	1.693	1.192	1.625		
	TEST PROB.	AB=C? 0.2364	AB=D? 0.6507	AB=E? 0.7869	AB=F? 0.2506	AB=G? 0.3981	AB=H? 0.3483	AB=CD? 0.3098	AB=E-H? 0.4553	AB=FGH? 0.1837	HOMO. 0.6190	TREND. 0.1473
1955-58	OBS. EXP.	279	127 110.4	80 79.2	43 55.1	11 15.6	8 10.1	7 4.1	1 1.8	2 2.6		
	OBS./EXP. RELATIVE RISK	1.150	1.000	1.010	0.780	0.705	0.791	1.705	0.545	0.779		
	TEST PROB.	AB=C? 0.9342	AB=D? 0.8591	AB=E? 0.7616	AB=F? 0.2494	AB=G? 0.7633	AB=H? 0.6932	AB=CD? 0.9581	AB=E-H? 0.6589	AB=FGH? 0.4579	HOMO. 0.2082	TREND. 0.7309
1959-62	OBS. EXP.	313	106 128.1	101 86.1	61 60.1	15 17.8	15 11.4	4 4.5	4 2.1	7 3.0		
	OBS./EXP. RELATIVE RISK	0.828	1.000	1.173	1.016	0.841	1.319	0.891	1.880	2.360		
	TEST PROB.	AB=C? 0.4293	AB=D? 0.6623	AB=E? 0.2493	AB=F? 0.5883	AB=G? 0.2488	AB=H? 0.0732	AB=CD? 0.4813	AB=E-H? 0.0955	AB=FGH? 0.1238	HOMO. 0.0285	TREND. 0.0059
1963-66	OBS. EXP.	357	137 144.2	97 99.0	73 68.8	25 19.9	7 13.4	12 5.7	0 2.5	6 3.5		
	OBS./EXP. RELATIVE RISK	0.950	1.000	0.980	1.060	1.258	0.524	2.122	0.000	1.693		
	TEST PROB.	AB=C? 0.3196	AB=D? 0.2239	AB=E? 0.8971	AB=F? 0.0456	AB=G? 0.9080	AB=H? 0.2292	AB=CD? 0.2234	AB=E-H? 0.4712	AB=FGH? 0.1182	HOMO. 0.0212	TREND. 0.1279
1967-70	OBS. EXP.	372	137 148.1	94 103.3	76 70.8	28 21.1	16 15.2	14 6.6	2 2.9	5 4.0		
	OBS./EXP. RELATIVE RISK	0.925	1.000	0.910	1.073	1.327	1.055	2.112	0.691	1.250		
	TEST PROB.	AB=C? 0.2210	AB=D? 0.1048	AB=E? 0.3739	AB=F? 0.0184	AB=G? 0.6575	AB=H? 0.3938	AB=CD? 0.1158	AB=E-H? 0.0829	AB=FGH? 0.0528	HOMO. 0.0642	TREND. 0.0270
1971-74	OBS. EXP.	415	154 164.5	112 116.7	78 78.7	24 23.2	25 17.0	12 7.3	3 3.3	7 4.4		
	OBS./EXP. RELATIVE RISK	0.936	1.000	0.960	0.991	1.033	1.473	1.648	0.915	1.599		
	TEST PROB.	AB=C? 0.4228	AB=D? 0.4288	AB=E? 0.0814	AB=F? 0.1192	AB=G? 0.5396	AB=H? 0.2146	AB=CD? 0.3887	AB=E-H? 0.0257	AB=FGH? 0.0896	HOMO. 0.2083	TREND. 0.0071
1975-78	OBS. EXP.	443	176 178.0	104 124.1	87 82.9	26 24.3	24 18.2	13 7.5	7 3.5	6 4.4		
	OBS./EXP. RELATIVE RISK	0.989	1.000	0.838	1.049	1.069	1.320	1.723	1.972	1.359		
	TEST PROB.	AB=C? 0.2581	AB=D? 0.3162	AB=E? 0.1369	AB=F? 0.0568	AB=G? 0.1001	AB=H? 0.3127	AB=CD? 0.2226	AB=E-H? 0.0136	AB=FGH? 0.0165	HOMO. 0.0585	TREND. 0.0021

TABLE 27-2 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 27-2

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	25	5	6	3	1	3	6	0	1		
	EXP.		10.1	7.4	5.0	1.2	0.6	0.3	0.1	0.2		
	OBS./EXP. RELATIVE RISK		0.495 1.000	0.808	0.598 0.952	0.860 1.370	4.687 7.666	18.706 29.800	0.000 0.000	5.087 8.103		
	TEST PROB.	AB=C? 0.5614	AB=D? 0.3510	AB=E? 0.0223	AB=F? 0.0000	AB=G? 0.7699	AB=H? 0.2522	AB=CD? 0.4419	AB=E=H? 0.0000	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1950-54	OBS. TOTAL	1	0	0	1	0	0	0	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	3.922 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? 0.2398	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E=H? X	AB=FGH? X	HOMO. 0.8921	TREND. 0.5027
1955-58	OBS. TOTAL	0	0	0	0	0	0	0	0	0		
	EXP.		0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E=H? X	AB=FGH? X	HOMO. X	TREND. X
1959-62	OBS. TOTAL	2	0	0	0	0	0	2	0	0		
	EXP.		0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	0.000 X	0.000 X	0.000 X	115.239 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? 0.0000	AB=G? X	AB=H? X	AB=CD? X	AB=E=H? 0.0009	AB=FGH? 0.0000	HOMO. 0.0000	TREND. 0.0000
1963-66	OBS. TOTAL	2	0	0	0	0	0	1	0	1		
	EXP.		0.7	0.7	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	0.000 X	0.000 X	0.000 X	28.120 X	0.000 X	46.291 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? X	AB=F? 0.2398	AB=G? X	AB=H? 0.2398	AB=CD? X	AB=E=H? 0.0194	AB=FGH? 0.0019	HOMO. 0.0000	TREND. 0.0000
1967-70	OBS. TOTAL	4	1	1	0	0	2	0	0	0		
	EXP.		1.3	1.3	0.9	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.758	0.754	0.000 0.000	0.000 0.000	15.442 20.421	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8437	AB=D? 0.7256	AB=E? 0.0232	AB=F? 0.7701	AB=G? 0.7644	AB=H? 0.7666	AB=CD? 0.8573	AB=E=H? 0.1129	AB=FGH? 0.7797	HOMO. 0.0002	TREND. 0.0888
1971-74	OBS. TOTAL	9	3	3	0	0	1	2	0	0		
	EXP.		3.7	2.7	1.8	0.4	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		0.814 1.000	1.129	0.000 0.000	0.000 0.000	4.425 4.677	18.351 19.396	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8879	AB=D? 0.8036	AB=E? 0.2626	AB=F? 0.0096	AB=G? 0.7656	AB=H? 0.7685	AB=CD? 0.9041	AB=E=H? 0.0425	AB=FGH? 0.0717	HOMO. 0.0000	TREND. 0.0072
1975-78	OBS. TOTAL	7	1	2	2	1	0	1	0	0		
	EXP.		3.3	1.9	1.3	0.3	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.303 1.000	1.074	1.545 2.657	3.467 5.962	0.000 0.000	14.335 28.945	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4805	AB=D? 0.2595	AB=E? 0.7709	AB=F? 0.2434	AB=G? 0.7624	AB=H? 0.7631	AB=CD? 0.2535	AB=E=H? 0.2563	AB=FGH? 0.2473	HOMO. 0.0067	TREND. 0.0580

TABLE 27-3 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 27-3

YEAR	CLASS	T-65 TOTAL DOSE IN RAD											
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	135	44	44	18	4	7	8	8	2			
	EXP.	49.0	42.2	21.7	7.3	7.8	3.6	1.5	1.9				
	OBS./EXP. RELATIVE RISK	0.898	1.043	0.830	0.551	0.897	2.192	5.411	1.030				
	TEST PROB.	0.6992	0.8450	0.6576	0.1125	0.0004	0.4552	0.7979	0.0530	0.0055	0.0000	0.0000	0.0011
1950-54	OBS. TOTAL	3	1	1	0	0	0	1	0				
	EXP.	1.1	0.9	0.5	0.2	0.2	0.1	0.0	0.0				
	OBS./EXP. RELATIVE RISK	0.884	1.146	0.000	0.000	0.000	0.000	28.517	0.000				
	TEST PROB.	0.8282	0.7901	0.7937	0.7762	0.2436	0.7697	0.8465	0.2746	0.2553	0.0003	0.0000	0.0588
1955-58	OBS. TOTAL	6	2	0	2	0	1	1	0				
	EXP.	1.5	2.0	1.0	0.4	0.6	0.3	0.1	0.1				
	OBS./EXP. RELATIVE RISK	1.306	0.000	2.021	0.000	1.810	3.662	0.000	0.000				
	TEST PROB.	0.3701	0.7923	0.2694	0.2546	0.7672	0.7671	0.393A	0.3519	0.2662	0.5229	0.5229	0.3736
1959-62	OBS. TOTAL	9	4	4	1	0	0	0	0				
	EXP.	3.4	2.7	1.5	0.5	0.5	0.2	0.1	0.1				
	OBS./EXP. RELATIVE RISK	1.183	1.507	0.656	0.000	0.000	0.000	0.000	0.000				
	TEST PROB.	0.7644	0.8293	0.8336	0.7993	0.7771	0.7817	0.8229	0.8743	0.8268	0.9298	0.9298	0.8623
1963-66	OBS. TOTAL	13	5	3	3	1	1	0	0				
	EXP.	4.7	3.9	2.2	0.7	0.8	0.3	0.1	0.2				
	OBS./EXP. RELATIVE RISK	1.060	0.762	1.360	1.371	1.314	0.000	0.000	0.000				
	TEST PROB.	0.4142	0.3714	0.3723	0.8068	0.7779	0.7834	0.4563	0.6896	0.8346	0.9847	0.9847	0.7085
1967-70	OBS. TOTAL	20	6	9	0	0	1	3	1				
	EXP.	6.7	6.4	3.2	1.2	1.3	0.6	0.2	0.3				
	OBS./EXP. RELATIVE RISK	0.901	1.402	0.000	0.000	0.752	4.768	4.260	0.000				
	TEST PROB.	0.9432	0.8682	0.7112	0.1118	0.2727	0.7985	0.9641	0.3097	0.1360	0.0146	0.0146	0.1155
1971-74	OBS. TOTAL	33	7	14	4	1	2	2	3				
	EXP.	12.1	10.2	5.3	1.8	1.9	0.9	0.4	0.5				
	OBS./EXP. RELATIVE RISK	0.578	1.368	0.754	0.567	1.063	2.277	8.279	0.000				
	TEST PROB.	0.6799	0.7622	0.5621	0.4090	0.0130	0.3075	0.7309	0.1793	0.1085	0.0006	0.0006	0.0268
1975-78	OBS. TOTAL	51	19	13	8	2	2	2	3				
	EXP.	19.5	16.0	8.0	2.5	2.6	1.2	0.5	0.7				
	OBS./EXP. RELATIVE RISK	0.974	0.812	1.003	0.802	0.802	1.641	5.944	2.927				
	TEST PROB.	0.4449	0.6077	0.6546	0.4191	0.0252	0.2623	0.4488	0.1166	0.0252	0.0231	0.0231	0.0027

TABLE 27-4 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 27-4

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. EXP.	363	126 142.1	94 103.0	71 65.2	26 21.0	22 15.7	14 7.6	2 3.8	8 4.7		
	OBS./EXP. RELATIVE RISK		0.886 1.000	0.913 1.000	1.090 1.214	1.240 1.382	1.404 1.564	1.841 2.051	0.529 0.589	1.697 1.890		
	TEST PROB.	AB=C? 0.1651	AB=D? 0.1338	AB=E? 0.0959	AB=F? 0.0349	AB=G? 0.7548	AB=H? 0.1332	AB=C0? 0.0955	AB=E-H? 0.0215	AB=FGH? 0.0486	HOMO, 0.0258	TREND, 0.0033
1950-54	OBS. EXP.	22	11 9.4	5 6.0	6 4.0	0 1.2	0 0.8	0 0.3	0 0.2	0 0.3		
	OBS./EXP. RELATIVE RISK		1.176 1.000	0.839 1.000	1.513 1.448	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3795	AB=D? 0.8620	AB=E? 0.8399	AB=F? 0.8048	AB=G? 0.7839	AB=H? 0.7906	AB=C0? 0.4314	AB=E-H? 0.8881	AB=FGH? 0.8417	HOMO, 0.7456	TREND, 0.8964
1955-58	OBS. EXP.	21	7 7.4	11 6.4	1 4.1	0 1.3	0 0.9	0 0.4	0 0.2	2 0.3		
	OBS./EXP. RELATIVE RISK		0.950 1.000	1.727 1.000	0.246 0.188	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	6.555 5.004		
	TEST PROB.	AB=C? 0.9304	AB=D? 0.8840	AB=E? 0.8642	AB=F? 0.8192	AB=G? 0.7935	AB=H? 0.1674	AB=C0? 0.9595	AB=E-H? 0.6674	AB=FGH? 0.3796	HOMO, 0.3119	TREND, 0.1426
1959-62	OBS. EXP.	27	10 11.6	6 7.2	5 4.9	2 1.5	1 0.9	0 0.4	0 0.2	3 0.3		
	OBS./EXP. RELATIVE RISK		0.861 1.000	0.832 1.000	1.019 1.199	1.362 1.603	1.118 1.316	0.000 0.000	0.000 0.000	9.862 11.604		
	TEST PROB.	AB=C? 0.4309	AB=D? 0.3817	AB=E? 0.3902	AB=F? 0.7989	AB=G? 0.7816	AB=H? 0.0026	AB=C0? 0.4263	AB=E-H? 0.1865	AB=FGH? 0.1102	HOMO, 0.0007	TREND, 0.0006
1963-66	OBS. EXP.	49	14 19.2	18 14.2	11 8.9	3 2.7	0 2.0	2 0.9	0 0.5	1 0.6		
	OBS./EXP. RELATIVE RISK		0.728 1.000	1.272 1.000	1.236 1.291	1.112 1.160	0.000 0.000	2.117 2.208	0.000 0.000	1.587 1.655		
	TEST PROB.	AB=C? 0.3645	AB=D? 0.4332	AB=E? 0.9015	AB=F? 0.4283	AB=G? 0.8123	AB=H? 0.3398	AB=C0? 0.3628	AB=E-H? 0.7084	AB=FGH? 0.4196	HOMO, 0.4359	TREND, 0.4288
1967-70	OBS. EXP.	65	23 24.8	11 18.6	16 11.6	8 3.8	4 3.0	2 1.5	0 0.7	1 0.9		
	OBS./EXP. RELATIVE RISK		0.927 1.000	0.591 1.000	1.383 1.765	2.082 2.657	1.316 1.680	1.309 1.671	0.000 0.000	1.133 1.447		
	TEST PROB.	AB=C? 0.1094	AB=D? 0.0404	AB=E? 0.3030	AB=F? 0.3832	AB=G? 0.8136	AB=H? 0.3453	AB=C0? 0.0383	AB=E-H? 0.3295	AB=FGH? 0.4117	HOMO, 0.1515	TREND, 0.2389
1971-74	OBS. EXP.	80	22 31.5	23 22.5	15 14.3	5 4.6	9 3.5	5 1.6	0 0.8	1 1.0		
	OBS./EXP. RELATIVE RISK		0.698 1.000	1.020 1.000	1.048 1.260	1.076 1.293	2.605 3.130	3.031 3.643	0.000 0.000	0.979 1.177		
	TEST PROB.	AB=C? 0.3336	AB=D? 0.4195	AB=E? 0.0202	AB=F? 0.0337	AB=G? 0.8196	AB=H? 0.3830	AB=C0? 0.2894	AB=E-H? 0.0163	AB=FGH? 0.1461	HOMO, 0.0049	TREND, 0.0240
1975-78	OBS. EXP.	99	39 38.3	20 28.2	17 17.5	8 5.9	8 4.5	5 2.2	2 1.1	0 1.3		
	OBS./EXP. RELATIVE RISK		1.019 1.000	0.708 1.000	0.974 1.098	1.365 1.539	1.767 1.991	2.250 2.535	1.766 1.990	0.000 0.000		
	TEST PROB.	AB=C? 0.4437	AB=D? 0.2093	AB=E? 0.1020	AB=F? 0.0638	AB=G? 0.4184	AB=H? 0.8457	AB=C0? 0.3070	AB=E-H? 0.0606	AB=FGH? 0.1660	HOMO, 0.1154	TREND, 0.1423

TABLE 27-5 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 27-5

YEAR CLASS	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1070	401	293	229	58	39	24	5	21		
TOTAL	EXP.		424.9	294.1	209.7	59.8	44.1	17.3	8.1	11.9		
	OBS./EXP.		0.944	0.996	1.092	0.971	0.884	1.383	0.614	1.763		
	RELATIVE RISK		1.000		1.132	1.006	0.916	1.433	0.636	1.827		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1337	0.4914	0.6506	0.1111	0.7922	0.0322	0.1659	0.2183	0.0581	0.0408	0.0200
1950-54	OBS.	90	28	28	21	5	3	3	0	2		
	EXP.		36.2	24.6	18.0	4.9	3.4	1.4	0.7	0.9		
	OBS./EXP.		0.774	1.140	1.168	1.028	0.878	2.205	0.000	2.122		
	RELATIVE RISK		1.000		1.267	1.116	0.952	2.393	0.000	2.302		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2967	0.4310	0.5698	0.2632	0.8175	0.4266	0.2957	0.3670	0.2787	0.4392	0.1274
1955-58	OBS.	99	49	24	18	1	2	4	1	0		
	EXP.		40.4	26.8	19.7	5.3	3.7	1.4	0.7	1.0		
	OBS./EXP.		1.212	0.896	0.914	0.189	0.545	2.790	1.439	0.000		
	RELATIVE RISK		1.000		0.341	0.174	0.502	2.568	1.324	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7079	0.9376	0.8052	0.1426	0.3669	0.8472	0.8549	0.5820	0.3593	0.0905	0.7081
1959-62	OBS.	120	37	36	29	5	7	1	2	3		
	EXP.		46.9	33.3	23.3	6.9	5.2	2.0	1.0	1.4		
	OBS./EXP.		0.789	1.080	1.246	0.723	1.353	0.491	2.068	2.101		
	RELATIVE RISK		1.000		1.369	0.795	1.487	0.539	2.273	2.308		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1750	0.6543	0.2875	0.7311	0.3744	0.2562	0.2505	0.2168	0.3235	0.2935	0.0685
1963-66	OBS.	136	55	39	24	11	0	5	0	2		
	EXP.		53.2	37.8	26.6	7.7	5.8	2.3	1.0	1.6		
	OBS./EXP.		1.033	1.032	0.901	1.432	0.000	2.181	0.000	1.255		
	RELATIVE RISK		1.000		0.873	1.386	0.000	2.112	0.000	1.215		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6843	0.2765	0.7682	0.1776	0.8445	0.3915	0.5305	0.8240	0.3487	0.1036	0.5625
1967-70	OBS.	185	66	50	42	12	6	4	1	4		
	EXP.		73.0	50.7	36.2	10.5	7.9	3.2	1.4	2.1		
	OBS./EXP.		0.904	0.986	1.160	1.144	0.760	1.268	0.706	1.871		
	RELATIVE RISK		1.000		1.237	1.220	0.811	1.352	0.753	1.996		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2260	0.3700	0.6552	0.3976	0.6347	0.2215	0.2064	0.3911	0.2271	0.7441	0.1541
1971-74	OBS.	209	77	55	48	12	9	2	0	6		
	EXP.		82.0	53.0	40.8	11.7	9.0	3.6	1.6	2.3		
	OBS./EXP.		0.939	0.948	1.178	1.027	0.995	0.557	0.000	2.617		
	RELATIVE RISK		1.000		1.249	1.089	1.056	0.591	0.000	2.776		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1924	0.4645	0.4511	0.7642	0.8720	0.0488	0.2060	0.4612	0.4539	0.1836	0.1340
1975-78	OBS.	231	89	61	47	12	12	5	1	4		
	EXP.		94.0	62.9	45.0	12.6	9.4	3.4	1.5	2.1		
	OBS./EXP.		0.947	0.969	1.043	0.954	1.280	1.454	0.652	1.883		
	RELATIVE RISK		1.000		1.092	0.998	1.339	1.520	0.682	1.969		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3880	0.4824	0.2968	0.3301	0.6862	0.2604	0.4944	0.1729	0.2381	0.8041	0.0672

TABLE 27-6 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 27-6

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS. TOTAL	846	362	222	155	52	30	16	4	5		
	EXP.		351.7	235.1	165.2	46.8	26.1	10.4	4.5	6.1		
	OBS./EXP. RELATIVE RISK		1.029	0.944	0.938	1.110	1.149	1.541	0.880	0.818		
	TEST PROB.	AB=C? 0.6952	AB=D? 0.3147	AB=E? 0.3189	AB=F? 0.1356	AB=G? 0.6180	AB=H? 0.6733	AB=CD? 0.5838	AB=E-H? 0.2220	AB=FGH? 0.3015	HOMO, 0.5213	TREND, 0.2371
1950-54	OBS. EXP.	144	61	37	30	7	3	3	1	2		
	RELATIVE RISK		1.042	0.901	1.065	0.893	0.640	1.715	1.270	1.665		
	TEST PROB.	AB=C? 0.4259	AB=D? 0.6105	AB=E? 0.7550	AB=F? 0.3955	AB=G? 0.3741	AB=H? 0.3934	AB=CD? 0.4746	AB=E-H? 0.4492	AB=FGH? 0.2870	HOMO, 0.9012	TREND, 0.2563
1955-58	OBS. EXP.	153	69	45	22	10	5	2	0	0		
	RELATIVE RISK		1.129	1.022	0.724	1.167	1.010	1.017	0.000	0.000		
	TEST PROB.	AB=C? 0.9102	AB=D? 0.4556	AB=E? 0.5771	AB=F? 0.5638	AB=G? 0.8361	AB=H? 0.9564	AB=CD? 0.8593	AB=E-H? 0.7439	AB=FGH? 0.8205	HOMO, 0.5774	TREND, 0.8952
1959-62	OBS. EXP.	155	55	55	26	8	7	1	2	1		
	RELATIVE RISK		0.843	1.299	0.868	0.900	1.466	0.547	2.386	0.910		
	TEST PROB.	AB=C? 0.7302	AB=D? 0.6369	AB=E? 0.3326	AB=F? 0.7516	AB=G? 0.3857	AB=H? 0.6119	AB=CD? 0.7372	AB=E-H? 0.3701	AB=FGH? 0.4632	HOMO, 0.2374	TREND, 0.3120
1963-66	OBS. EXP.	157	63	37	35	10	6	4	0	2		
	RELATIVE RISK		0.949	0.872	1.140	1.155	1.254	1.965	0.000	1.803		
	TEST PROB.	AB=C? 0.2431	AB=D? 0.3683	AB=E? 0.3678	AB=F? 0.2112	AB=G? 0.8285	AB=H? 0.4594	AB=CD? 0.2162	AB=E-H? 0.2005	AB=FGH? 0.2588	HOMO, 0.5967	TREND, 0.1009
1967-70	OBS. EXP.	98	41	23	18	8	3	5	0	0		
	RELATIVE RISK		0.969	0.876	0.950	1.488	1.079	4.012	0.000	0.000		
	TEST PROB.	AB=C? 0.4672	AB=D? 0.2448	AB=E? 0.4208	AB=F? 0.0233	AB=G? 0.8042	AB=H? 0.8177	AB=CD? 0.3741	AB=E-H? 0.2291	AB=FGH? 0.1678	HOMO, 0.0461	TREND, 0.1339
1971-74	OBS. EXP.	84	45	17	11	6	4	1	0	0		
	RELATIVE RISK		1.281	0.732	0.666	1.270	1.689	0.947	0.000	0.000		
	TEST PROB.	AB=C? 0.8644	AB=D? 0.4898	AB=E? 0.3345	AB=F? 0.5247	AB=G? 0.8045	AB=H? 0.8105	AB=CD? 0.7928	AB=E-H? 0.4306	AB=FGH? 0.7593	HOMO, 0.2556	TREND, 0.6876
1975-78	OBS. EXP.	55	28	8	13	3	2	0	1	0		
	RELATIVE RISK		1.221	0.531	1.165	0.967	1.318	0.000	2.839	0.000		
	TEST PROB.	AB=C? 0.3834	AB=D? 0.4743	AB=E? 0.3827	AB=F? 0.8239	AB=G? 0.2804	AB=H? 0.7879	AB=CD? 0.3992	AB=E-H? 0.4138	AB=FGH? 0.6336	HOMO, 0.4174	TREND, 0.5195

TABLE 27-7 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 27-7

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1135	456	293	199	71	53	33	12	18		
TOTAL	EXP.		450.3	319.9	204.8	64.7	51.5	20.5	9.3	14.0		
	OBS./EXP.		1.013	0.916	0.972	1.098	1.029	1.606	1.289	1.292		
	RELATIVE RISK		1.000		0.999	1.129	1.058	1.651	1.325	1.318		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4901	0.2309	0.3781	0.0182	0.2523	0.2162	0.3810	0.0516	0.0141	0.0778	0.0050
1950-54	OBS.	120	53	36	21	4	2	2	1	1		
	EXP.		47.7	34.2	22.6	6.5	4.9	1.8	0.8	1.4		
	OBS./EXP.		1.111	1.052	0.930	0.615	0.406	1.107	1.200	0.712		
	RELATIVE RISK		1.000		0.856	0.566	0.374	1.020	1.105	0.656		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6927	0.8210	0.8745	0.4807	0.4076	0.6950	0.7849	0.8317	0.6171	0.8104	0.8003
1955-58	OBS.	116	55	28	18	7	4	3	1	0		
	EXP.		46.9	32.5	21.7	6.4	4.7	1.7	0.8	1.3		
	OBS./EXP.		1.173	0.861	0.830	1.091	0.848	1.721	1.320	0.000		
	RELATIVE RISK		1.000		0.794	1.044	0.811	1.646	1.262	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7656	0.4439	0.6556	0.3773	0.3723	0.8599	0.7181	0.6065	0.4449	0.6413	0.6946
1959-62	OBS.	154	53	51	28	2	11	3	2	4		
	EXP.		61.5	43.0	28.0	9.2	6.8	2.5	1.2	1.8		
	OBS./EXP.		0.862	1.186	0.998	0.218	1.623	1.198	1.725	2.201		
	RELATIVE RISK		1.000		1.003	0.219	1.631	1.204	1.734	2.212		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4746	0.9603	0.1552	0.4119	0.4273	0.1886	0.7791	0.0765	0.1669	0.0439	0.0327
1963-66	OBS.	170	76	39	27	16	2	7	0	3		
	EXP.		67.7	47.5	31.1	9.9	7.5	3.0	1.3	2.0		
	OBS./EXP.		1.122	0.822	0.867	1.620	0.268	2.353	0.000	1.473		
	RELATIVE RISK		1.000		0.869	1.623	0.268	2.357	0.000	1.476		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6964	0.1239	0.9365	0.0867	0.8590	0.4698	0.4509	0.6504	0.2000	0.0112	0.2657
1967-70	OBS.	172	66	46	26	16	8	7	1	2		
	EXP.		66.8	48.2	30.9	10.3	8.5	3.6	1.5	2.3		
	OBS./EXP.		0.988	0.955	0.841	1.555	0.946	1.942	0.661	0.877		
	RELATIVE RISK		1.000		0.863	1.596	0.971	1.993	0.679	0.900		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7039	0.1225	0.4656	0.1301	0.6681	0.5781	0.4671	0.3328	0.2652	0.3689	0.2371
1971-74	OBS.	195	71	47	39	16	10	6	2	4		
	EXP.		77.0	54.4	35.0	11.2	9.3	3.8	1.7	2.4		
	OBS./EXP.		0.922	0.864	1.113	1.426	1.076	1.558	1.153	1.633		
	RELATIVE RISK		1.000		1.240	1.588	1.198	1.736	1.284	1.819		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2246	0.1176	0.4180	0.2229	0.3846	0.2838	0.1175	0.1804	0.1332	0.4910	0.0342
1975-78	OBS.	208	82	46	40	10	16	5	5	4		
	EXP.		82.6	59.3	36.2	11.6	9.9	4.0	1.9	2.4		
	OBS./EXP.		0.993	0.775	1.104	0.861	1.616	1.241	2.610	1.689		
	RELATIVE RISK		1.000		1.224	0.955	1.792	1.376	2.895	1.873		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=C0?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2335	0.5143	0.0732	0.3658	0.0687	0.2674	0.2742	0.0206	0.0637	0.0521	0.0043

TABLE 27-2 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 27-3

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1304	482	366	277	70	42	35	7	19		
	EXP.		527.6	362.0	261.9	71.3	42.8	18.8	8.8	10.8		
	OBS./EXP.		0.914	1.011	1.058	0.982	1.120	1.866	0.797	1.753		
	RELATIVE RISK		1.000		1.109	1.030	1.175	1.957	0.836	1.839		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.1641	0.4734	0.2657	0.0045	0.6238	0.0440	0.1836	0.0099	0.0041	0.0004	0.0001
1950-54	OBS.	140	48	35	37	8	4	4	1	3		
	EXP.		57.7	38.6	28.3	7.6	4.1	1.7	0.8	1.1		
	OBS./EXP.		0.832	0.906	1.307	1.051	0.964	2.301	1.185	2.837		
	RELATIVE RISK		1.000		1.516	1.219	1.118	2.670	1.375	3.291		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.0834	0.4315	0.4317	0.1609	0.3596	0.1550	0.0896	0.1234	0.0603	0.1236	0.0077
1955-58	OBS.	163	72	52	25	4	4	4	0	2		
	EXP.		63.5	46.7	33.4	9.2	5.4	2.4	1.1	1.3		
	OBS./EXP.		1.133	1.113	0.747	0.435	0.741	1.694	0.000	1.567		
	RELATIVE RISK		1.000		0.665	0.387	0.659	1.506	0.000	1.393		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.9216	0.9315	0.7619	0.3957	0.8559	0.3853	0.9659	0.6517	0.4383	0.1979	0.6120
1959-62	OBS.	159	53	50	33	13	4	1	2	3		
	EXP.		66.5	43.1	32.0	8.7	4.6	2.0	1.0	1.1		
	OBS./EXP.		0.797	1.160	1.031	1.502	0.870	0.503	2.065	2.611		
	RELATIVE RISK		1.000		1.097	1.598	0.926	0.536	2.198	2.779		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.4160	0.1598	0.6158	0.7614	0.4519	0.2130	0.2524	0.4357	0.3319	0.1402	0.0437
1963-66	OBS.	187	61	58	46	9	5	5	0	3		
	EXP.		76.5	51.5	37.7	10.0	5.9	2.7	1.3	1.5		
	OBS./EXP.		0.798	1.126	1.220	0.900	0.849	1.865	0.000	1.991		
	RELATIVE RISK		1.000		1.312	0.968	0.913	2.006	0.000	2.141		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.1502	0.5768	0.5244	0.2232	0.3548	0.2996	0.1971	0.3655	0.2575	0.1359	0.1443
1967-70	OBS.	200	71	48	50	12	8	7	1	3		
	EXP.		81.3	55.1	39.9	10.8	6.7	3.0	1.4	1.7		
	OBS./EXP.		0.874	0.870	1.252	1.110	1.191	2.315	0.724	1.744		
	RELATIVE RISK		1.000		1.436	1.273	1.365	2.653	0.830	1.999		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.0757	0.3210	0.3267	0.0509	0.6136	0.3022	0.0716	0.0710	0.0600	0.1136	0.0200
1971-74	OBS.	220	83	65	39	8	15	6	1	3		
	EXP.		87.5	62.3	43.6	12.0	7.7	3.4	1.5	1.9		
	OBS./EXP.		0.949	1.044	0.894	0.665	1.954	1.749	0.648	1.555		
	RELATIVE RISK		1.000		0.904	0.673	1.977	1.769	0.655	1.574		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.6799	0.8259	0.0539	0.2499	0.7041	0.4663	0.7777	0.3404	0.2636	0.0963	0.0442
1975-78	OBS.	235	94	58	47	16	8	8	2	2		
	EXP.		95.4	64.8	46.7	12.7	8.3	3.5	1.6	2.0		
	OBS./EXP.		0.986	0.896	1.007	1.259	0.967	2.276	1.224	0.978		
	RELATIVE RISK		1.000		1.060	1.327	1.018	2.398	1.290	1.030		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.4396	0.2591	0.4629	0.0488	0.3858	0.4388	0.3338	0.1735	0.0900	0.3820	0.0921

TABLE 27-9 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 27-9

		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
			A	B	C	D	E	F	G	H		
1950-78	OBS.	1922	835	476	365	99	65	46	11	25		
TOTAL	EXP.		869.3	494.7	358.2	95.2	58.4	20.9	10.2	15.0		
	OBS./EXP.		0.961	0.962	1.019	1.040	1.112	2.201	1.076	1.667		
	RELATIVE RISK		1.000		1.060	1.082	1.157	2.290	1.120	1.734		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2518	0.3145	0.2238	0.0000	0.4583	0.0310	0.2138	0.0010	0.0001	0.0000	0.0000
1950-54	OBS.	211	87	55	44	10	6	3	1	3		
	EXP.		95.6	54.2	39.4	10.6	6.3	2.2	1.1	1.6		
	OBS./EXP.		0.910	1.015	1.168	0.942	0.953	1.376	0.912	1.869		
	RELATIVE RISK		1.000		1.233	0.994	1.006	1.451	0.962	1.973		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.2042	0.4951	0.5298	0.4421	0.5630	0.3276	0.2416	0.3622	0.2896	0.8357	0.1398
1955-58	OBS.	218	116	53	29	9	4	6	0	1		
	EXP.		98.8	55.6	41.1	11.1	6.4	2.3	1.1	1.6		
	OBS./EXP.		1.174	0.953	0.706	0.808	0.621	2.639	0.000	0.633		
	RELATIVE RISK		1.000		0.645	0.739	0.567	2.411	0.000	0.583		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.9477	0.7664	0.8216	0.0957	0.3538	0.7254	0.9531	0.6411	0.3894	0.0309	0.7204
1959-62	OBS.	258	99	76	50	13	10	3	2	5		
	EXP.		116.7	66.0	48.2	13.4	7.8	2.7	1.3	1.9		
	OBS./EXP.		0.848	1.152	1.038	0.971	1.285	1.099	1.482	2.647		
	RELATIVE RISK		1.000		1.083	1.013	1.341	1.147	1.547	2.764		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3822	0.4725	0.3212	0.4150	0.3880	0.0895	0.3982	0.1258	0.1415	0.1646	0.0094
1963-66	OBS.	285	120	74	58	16	6	6	0	5		
	EXP.		129.3	72.7	53.4	14.2	8.6	3.2	1.5	2.1		
	OBS./EXP.		0.928	1.019	1.086	1.124	0.700	1.868	0.000	2.333		
	RELATIVE RISK		1.000		1.131	1.170	0.729	1.945	0.000	2.429		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3013	0.3846	0.7506	0.1759	0.8640	0.1258	0.2668	0.3934	0.1475	0.1989	0.0735
1967-70	OBS.	283	121	67	54	18	11	8	1	3		
	EXP.		128.5	72.1	53.0	13.9	8.6	3.2	1.4	2.2		
	OBS./EXP.		0.941	0.929	1.019	1.297	1.274	2.511	0.692	1.345		
	RELATIVE RISK		1.000		1.087	1.384	1.359	2.679	0.738	1.435		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3744	0.2025	0.2936	0.0367	0.6646	0.4384	0.2556	0.0853	0.0876	0.1667	0.0355
1971-74	OBS.	316	139	70	62	15	15	8	3	4		
	EXP.		142.7	81.7	59.0	15.3	9.6	3.5	1.7	2.5		
	OBS./EXP.		0.974	0.857	1.051	0.982	1.555	2.295	1.807	1.580		
	RELATIVE RISK		1.000		1.129	1.054	1.670	2.465	1.941	1.697		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3014	0.4635	0.0944	0.0501	0.3163	0.3041	0.3069	0.0115	0.0279	0.0787	0.0032
1975-78	OBS.	351	153	81	66	18	13	12	4	4		
	EXP.		157.5	92.5	65.2	16.7	10.9	3.7	1.9	2.7		
	OBS./EXP.		0.972	0.876	1.012	1.080	1.198	3.221	2.089	1.507		
	RELATIVE RISK		1.000		1.081	1.154	1.279	3.440	2.232	1.610		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3682	0.3783	0.3138	0.0017	0.1978	0.3497	0.3243	0.0116	0.0023	0.0014	0.0006

TABLE 27-10 ALL NEOPLASMS EXCEPT MALIGNANT NEOPLASMS OF STOMACH,
LUNG, BREAST, THYROID, AND LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 27-10

YEAR CLASS	OBS. EXP.	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	517	103	183	111	42	36	22	8	12			
TOTAL	EXP.	108.5	187.2	108.5	40.7	35.9	18.4	7.9	9.9			
OBS./EXP.	RELATIVE RISK	0.949	0.978	1.023	1.031	1.003	1.195	1.016	1.215			
TEST	PROB.	0.3873	0.4780	0.2719	0.4485	0.3366	0.3574	0.2922	0.2281			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1950-54	49	14	16	12	2	0	3	1	1			
OBS.	EXP.	9.8	18.6	11.5	3.5	2.8	1.4	0.6	0.9			
OBS./EXP.	RELATIVE RISK	1.435	0.859	1.041	0.571	0.000	2.201	1.723	1.167			
TEST	PROB.	0.5345	0.7812	0.9240	0.3181	0.3303	0.4267	0.6438	0.6589			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1955-58	61	11	27	14	2	4	1	1	1			
OBS.	EXP.	11.6	23.6	14.1	4.5	3.7	1.8	0.7	1.0			
OBS./EXP.	RELATIVE RISK	0.943	1.143	0.995	0.448	1.089	0.546	1.352	1.000			
TEST	PROB.	0.6123	0.3508	0.4459	0.7567	0.3796	0.5764	0.7391	0.6195			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1959-62	55	7	25	11	2	5	1	2	2			
OBS.	EXP.	11.3	20.1	11.9	4.5	3.6	1.8	0.8	1.1			
OBS./EXP.	RELATIVE RISK	0.517	1.242	0.926	0.449	1.393	0.558	2.562	1.856			
TEST	PROB.	0.6195	0.8233	0.4019	0.7239	0.3252	0.4198	0.7368	0.3160			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1963-66	72	17	23	15	9	1	6	0	1			
OBS.	EXP.	14.9	24.3	15.4	5.6	4.8	2.4	1.1	1.4			
OBS./EXP.	RELATIVE RISK	1.140	0.875	0.971	1.596	0.209	2.455	0.000	0.714			
TEST	PROB.	0.4807	0.2215	0.9183	0.1092	0.8495	0.6734	0.3661	0.6770			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1967-70	89	16	27	22	10	5	6	1	2			
OBS.	EXP.	19.5	31.2	17.8	7.2	6.5	3.4	1.4	1.8			
OBS./EXP.	RELATIVE RISK	0.819	0.865	1.233	1.385	0.765	1.743	0.691	1.130			
TEST	PROB.	0.1865	0.2000	0.6123	0.1768	0.6182	0.3848	0.1239	0.3539			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1971-74	99	15	42	16	9	10	4	0	3			
OBS.	EXP.	21.8	35.0	19.7	8.0	7.3	3.8	1.6	1.8			
OBS./EXP.	RELATIVE RISK	0.689	1.200	0.813	1.130	1.365	1.054	0.000	1.624			
TEST	PROB.	0.7306	0.4673	0.3216	0.4446	0.8734	0.4262	0.6473	0.4073			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
1975-78	92	23	23	21	8	11	1	3	2			
OBS.	EXP.	20.5	31.6	17.7	7.7	7.3	3.8	1.6	1.8			
OBS./EXP.	RELATIVE RISK	1.121	0.722	1.186	1.045	1.502	0.262	1.836	1.137			
TEST	PROB.	0.2547	0.4202	0.1616	0.8587	0.2823	0.3858	0.2494	0.2881			
		AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.

TABLE 26-1 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	17149	6963	4842	3279	918	601	243	126	177		
	EXP.	6863.7	4844.8	3322.1	956.8	626.6	259.0	116.7	159.4			
	OBS./EXP.	1.014	0.999	0.987	0.959	0.959	0.938	1.080	1.111			
	RELATIVE RISK	1.000	0.985	0.973	0.946	0.945	0.925	1.064	1.095			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8530	0.8472	0.7987	0.7893	0.2914	0.1742	0.9032	0.8692	0.1388	0.2758	0.4173
1950-54	OBS.	2326	962	680	429	94	97	22	16	26		
	EXP.	910.3	674.8	450.7	128.8	86.9	35.4	16.1	23.0			
	OBS./EXP.	1.057	1.008	0.952	0.730	1.116	0.621	0.991	1.132			
	RELATIVE RISK	1.000	0.953	0.901	0.690	1.056	0.588	0.937	1.071			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9349	0.9949	0.4393	0.9759	0.6273	0.4753	0.9887	0.7903	0.5240	0.0041	0.8312
1955-58	OBS.	2470	985	709	502	123	75	34	17	25		
	EXP.	979.7	706.0	479.9	138.7	89.5	37.0	16.5	22.7			
	OBS./EXP.	1.005	1.004	1.046	0.887	0.838	0.919	1.030	1.100			
	RELATIVE RISK	1.000	0.999	1.040	0.882	0.833	0.914	1.024	1.094			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3192	0.8617	0.8733	0.6821	0.4903	0.4496	0.4973	0.8694	0.4801	0.5519	0.7070
1959-62	OBS.	2354	950	704	424	134	78	27	14	23		
	EXP.	935.0	667.0	453.7	136.7	84.7	34.6	15.9	21.5			
	OBS./EXP.	1.016	1.055	0.924	0.980	0.921	0.731	0.881	1.072			
	RELATIVE RISK	1.000	1.039	0.910	0.965	0.906	0.769	0.857	1.055			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8964	0.5952	0.7479	0.8515	0.6559	0.4453	0.8748	0.8703	0.4859	0.3508	0.8477
1963-66	OBS.	2471	935	712	488	165	89	41	22	19		
	EXP.	990.7	692.5	481.3	138.5	89.9	38.5	16.9	22.7			
	OBS./EXP.	0.944	1.028	1.014	1.191	0.990	1.065	1.299	0.837			
	RELATIVE RISK	1.000	1.089	1.074	1.262	1.049	1.128	1.377	0.887			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1835	0.0104	0.3322	0.2277	0.1132	0.6174	0.0491	0.2381	0.2809	0.1026	0.2556
1967-70	OBS.	2486	1002	706	486	125	94	31	19	23		
	EXP.	1012.3	690.2	478.8	137.7	89.7	38.7	16.1	22.4			
	OBS./EXP.	0.990	1.023	1.015	0.908	1.047	0.801	1.180	1.026			
	RELATIVE RISK	1.000	1.033	1.025	0.917	1.058	0.809	1.192	1.037			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4249	0.7470	0.2946	0.3023	0.2980	0.4726	0.5638	0.4674	0.3146	0.7553	0.5552
1971-74	OBS.	2484	1039	658	458	147	88	46	17	31		
	EXP.	1006.8	691.9	479.7	137.2	91.1	38.9	16.5	21.9			
	OBS./EXP.	1.032	0.951	0.955	1.072	0.966	1.184	1.030	1.415			
	RELATIVE RISK	1.000	0.922	0.925	1.038	0.936	1.147	0.998	1.371			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8418	0.3997	0.6657	0.2837	0.5366	0.1137	0.7654	0.4863	0.1884	0.1834	0.0255
1975-78	OBS.	2558	1090	673	492	130	80	42	21	30		
	EXP.	1032.0	716.9	497.3	140.1	94.6	37.7	17.9	21.5			
	OBS./EXP.	1.056	0.939	0.989	0.928	0.845	1.113	1.175	1.398			
	RELATIVE RISK	1.000	0.889	0.937	0.879	0.800	1.054	1.112	1.324			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8102	0.8046	0.8882	0.3143	0.3414	0.1122	0.8637	0.7994	0.1062	0.0456	0.1164

TABLE 28-2 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATD 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	237	91	69	52	14	5	4	0	2		
	EXP.	87.0	74.4	49.9	11.9	6.6	3.5	1.4	2.3			
	OBS./EXP. RELATIVE RISK	1.046 1.000	0.927 0.887	1.042 0.997	1.178 1.126	0.753 0.720	1.156 1.105	0.000 0.000	0.887 0.848			
	TEST PROB.	A=C? 0.4880	A=D? 0.4626	A=E? 0.7407	A=F? 0.4315	A=G? 0.8728	A=H? 0.6503	A=CD? 0.4789	A=EF? 0.6625	A=GH? 0.8108	HOMO. 0.8810	TREND. 0.7154
1950-54	OBS. EXP.	44	14	9	12	5	2	0	0	2		
	RELATIVE RISK	0.885 1.000	0.645 0.728	1.289 1.456	2.220 2.509	1.597 1.805	0.000 0.000	0.000 0.000	4.368 4.936			
	TEST PROB.	A=C? 0.3151	A=D? 0.2340	A=E? 0.3300	A=F? 0.8341	A=G? 0.7946	A=H? 0.2781	A=CD? 0.2164	A=EF? 0.4265	A=GH? 0.4684	HOMO. 0.0784	TREND. 0.0260
1955-58	OBS. EXP.	33	12	11	6	3	0	1	0	0		
	RELATIVE RISK	1.073 1.000	1.019 0.950	0.837 0.781	1.721 1.605	0.000 0.000	1.842 1.718	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.6542	A=D? 0.4019	A=E? 0.5598	A=F? 0.3235	A=G? 0.7901	A=H? 0.8068	A=CD? 0.5963	A=EF? 0.7155	A=GH? 0.8284	HOMO. 0.8732	TREND. 0.7160
1959-62	OBS. EXP.	26	11	8	5	1	1	0	0	0		
	RELATIVE RISK	1.161 1.000	0.978 0.842	0.910 0.784	0.772 0.665	1.348 1.161	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.6073	A=D? 0.6619	A=E? 0.3565	A=F? 0.7975	A=G? 0.7771	A=H? 0.7843	A=CD? 0.6542	A=EF? 0.5932	A=GH? 0.7982	HOMO. 0.9881	TREND. 0.7981
1963-66	OBS. EXP.	28	15	5	5	1	1	1	0	0		
	RELATIVE RISK	1.474 1.000	0.565 0.383	0.845 0.573	0.710 0.482	1.259 0.854	2.419 1.641	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.6485	A=D? 0.7745	A=E? 0.6289	A=F? 0.3333	A=G? 0.7888	A=H? 0.8017	A=CD? 0.8793	A=EF? 0.4444	A=GH? 0.8232	HOMO. 0.5620	TREND. 0.6429
1967-70	OBS. EXP.	35	12	13	7	2	1	0	0	0		
	RELATIVE RISK	0.389 1.000	1.213 1.364	0.971 1.092	1.173 1.319	1.084 1.219	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.5185	A=D? 0.3848	A=E? 0.4182	A=F? 0.8144	A=G? 0.7858	A=H? 0.7993	A=CD? 0.4356	A=EF? 0.6671	A=GH? 0.8187	HOMO. 0.9751	TREND. 0.7787
1971-74	OBS. EXP.	33	10	13	7	2	0	1	0	0		
	RELATIVE RISK	0.799 1.000	1.280 1.601	1.018 1.274	1.242 1.554	0.000 0.000	2.175 2.722	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4404	A=D? 0.3795	A=E? 0.8204	A=F? 0.2832	A=G? 0.7762	A=H? 0.7828	A=CD? 0.4660	A=EF? 0.5460	A=GH? 0.7961	HOMO. 0.8395	TREND. 0.6638
1975-78	OBS. EXP.	38	17	10	10	0	0	1	0	0		
	RELATIVE RISK	1.145 1.000	0.353 0.720	1.251 1.065	0.000 0.000	0.000 0.000	1.939 1.637	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.4492	A=D? 0.9028	A=E? 0.3575	A=F? 0.3137	A=G? 0.7877	A=H? 0.8027	A=CD? 0.5962	A=EF? 0.7130	A=GH? 0.8231	HOMO. 0.6216	TREND. 0.8390

TABLE 28-3 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-73	OBS. TOTAL	702	258	222	108	28	41	21	8	16		
	EXP.	260.1	219.3	112.3	36.4	38.5	17.8	7.5	10.1			
	OBS./EXP. RELATIVE RISK	0.992	1.012	0.962	0.768	1.064	1.180	1.069	1.584	1.597		
	TEST PROB.	A=C? 0.5459	A=D? 0.8130	A=E? 0.3336	A=F? 0.3163	A=G? 0.4484	A=H? 0.0994	A=CD? 0.6691	A=EF? 0.2674	A=GH? 0.1479	HOMO. 0.4929	TREND. 0.0504
1950-54	OBS. TOTAL	135	62	38	17	4	6	4	3	1		
	EXP.	43.0	41.9	21.9	7.5	8.2	3.9	1.5	2.0			
	OBS./EXP. RELATIVE RISK	1.291	0.906	0.776	0.532	0.729	1.032	1.950	0.509	0.509		
	TEST PROB.	A=C? 0.9299	A=D? 0.9229	A=E? 0.8568	A=F? 0.6775	A=G? 0.4397	A=H? 0.8114	A=CD? 0.9664	A=EF? 0.8445	A=GH? 0.6262	HOMO. 0.1797	TREND. 0.7892
1955-58	OBS. TOTAL	115	52	30	20	3	5	3	1	1		
	EXP.	43.0	35.5	18.4	5.9	6.3	2.9	1.2	1.6			
	OBS./EXP. RELATIVE RISK	1.208	0.346	1.085	0.505	0.793	1.019	0.812	0.620	0.620		
	TEST PROB.	A=C? 0.6121	A=D? 0.3844	A=E? 0.7293	A=F? 0.4849	A=G? 0.6737	A=H? 0.7508	A=CD? 0.7621	A=EF? 0.6767	A=GH? 0.7495	HOMO. 0.6436	TREND. 0.8263
1959-62	OBS. TOTAL	74	22	23	12	3	8	3	0	3		
	EXP.	28.8	22.4	12.0	3.7	3.7	1.7	0.8	1.0			
	OBS./EXP. RELATIVE RISK	0.765	1.028	1.001	0.813	2.156	1.772	0.000	2.976	2.976		
	TEST PROB.	A=C? 0.3087	A=D? 0.4069	A=E? 0.0834	A=F? 0.3552	A=G? 0.8159	A=H? 0.1128	A=CD? 0.2948	A=EF? 0.0966	A=GH? 0.2906	HOMO. 0.0743	TREND. 0.0072
1963-66	OBS. TOTAL	84	25	33	14	4	3	4	0	1		
	EXP.	30.1	26.2	13.7	4.6	4.9	2.3	0.9	1.3			
	OBS./EXP. RELATIVE RISK	0.830	1.260	1.022	0.867	0.611	1.767	0.000	0.800	0.800		
	TEST PROB.	A=C? 0.3737	A=D? 0.5400	A=E? 0.6648	A=F? 0.2505	A=G? 0.8312	A=H? 0.5551	A=CD? 0.4106	A=EF? 0.4289	A=GH? 0.7433	HOMO. 0.5536	TREND. 0.6385
1967-70	OBS. TOTAL	81	25	27	17	2	5	2	0	3		
	EXP.	30.1	25.8	12.7	4.1	4.3	2.0	0.8	1.2			
	OBS./EXP. RELATIVE RISK	0.832	1.046	1.339	0.492	1.155	0.998	0.000	2.515	2.515		
	TEST PROB.	A=C? 0.1707	A=D? 0.7304	A=E? 0.3383	A=F? 0.4029	A=G? 0.8213	A=H? 0.1449	A=CD? 0.2658	A=EF? 0.3619	A=GH? 0.3425	HOMO. 0.4140	TREND. 0.1917
1971-74	OBS. TOTAL	107	34	40	13	7	5	2	2	4		
	EXP.	38.6	34.4	16.9	5.6	6.0	2.8	1.1	1.6			
	OBS./EXP. RELATIVE RISK	0.880	1.162	0.771	1.254	0.833	0.724	1.775	2.475	2.475		
	TEST PROB.	A=C? 0.6404	A=D? 0.3172	A=E? 0.6291	A=F? 0.6768	A=G? 0.4135	A=H? 0.1250	A=CD? 0.4605	A=EF? 0.6807	A=GH? 0.1146	HOMO. 0.3933	TREND. 0.0768
1975-78	OBS. TOTAL	106	38	31	15	5	9	3	2	3		
	EXP.	41.5	33.0	16.7	5.0	5.1	2.3	1.0	1.4			
	OBS./EXP. RELATIVE RISK	0.916	0.941	0.897	0.995	1.773	1.318	1.941	2.097	2.097		
	TEST PROB.	A=C? 0.4563	A=D? 0.4459	A=E? 0.0685	A=F? 0.3668	A=G? 0.3651	A=H? 0.2108	A=CD? 0.4676	A=EF? 0.0763	A=GH? 0.1250	HOMO. 0.4602	TREND. 0.0111

TABLE 28-4 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1322	540	374	215	84	52	25	12	20		
	EXP.	510.5	380.5	234.5	75.6	59.4	29.5	14.4	17.6			
	OBS./EXP. RELATIVE RISK	1.058 1.000	0.983 0.929	0.917 0.867	1.111 1.050	0.375 0.827	0.847 0.800	0.831 0.786	1.137 1.075			
	TEST PROB.	A=C? 0.9017	A=D? 0.3706	A=E? 0.8573	A=F? 0.8126	A=G? 0.7479	A=H? 0.4737	A=CD? 0.8109	A=EF? 0.9092	A=GH? 0.6077	HOMO. 0.4387	TREND. 0.7096
1950-54	OBS. TOTAL	206	71	62	45	11	10	4	1	2		
	EXP.	78.0	59.9	36.8	12.0	9.5	4.8	2.3	2.8			
	OBS./EXP. RELATIVE RISK	0.910 1.000	1.036 1.137	1.221 1.341	0.919 1.009	1.055 1.158	0.841 0.924	0.442 0.485	0.707 0.777			
	TEST PROB.	A=C? 0.1589	A=D? 0.4525	A=E? 0.4492	A=F? 0.6416	A=G? 0.7787	A=H? 0.6551	A=CD? 0.1894	A=EF? 0.5423	A=GH? 0.7589	HOMO. 0.8125	TREND. 0.7573
1955-58	OBS. TOTAL	168	57	52	29	14	6	5	1	4		
	EXP.	62.4	48.9	30.0	10.1	8.1	4.1	2.0	2.3			
	OBS./EXP. RELATIVE RISK	0.913 1.000	1.064 1.165	0.966 1.058	1.383 1.515	0.739 0.810	1.214 1.330	0.512 0.561	1.708 1.871			
	TEST PROB.	A=C? 0.4706	A=D? 0.1870	A=E? 0.6065	A=F? 0.4386	A=G? 0.7126	A=H? 0.3071	A=CD? 0.3253	A=EF? 0.4501	A=GH? 0.4666	HOMO. 0.7059	TREND. 0.2277
1959-62	OBS. TOTAL	142	53	50	20	10	8	1	0	0		
	EXP.	54.7	40.5	25.3	8.3	6.5	3.2	1.6	1.9			
	OBS./EXP. RELATIVE RISK	0.969 1.000	1.236 1.275	0.791 0.817	1.199 1.238	1.232 1.272	0.308 0.318	0.000 0.000	0.000 0.000			
	TEST PROB.	A=C? 0.7327	A=D? 0.3984	A=E? 0.4187	A=F? 0.8475	A=G? 0.5735	A=H? 0.8264	A=CD? 0.6323	A=EF? 0.5546	A=GH? 0.9334	HOMO. 0.2428	TREND. 0.9582
1963-66	OBS. TOTAL	144	51	44	26	9	6	5	2	1		
	EXP.	53.5	42.7	25.7	8.2	6.8	3.4	1.7	2.0			
	OBS./EXP. RELATIVE RISK	0.953 1.000	1.031 1.081	1.010 1.060	1.093 1.147	0.889 0.932	1.459 1.530	1.207 1.266	0.500 0.525			
	TEST PROB.	A=C? 0.4399	A=D? 0.3899	A=E? 0.5907	A=F? 0.3093	A=G? 0.3817	A=H? 0.7396	A=CD? 0.3774	A=EF? 0.4510	A=GH? 0.5834	HOMO. 0.9775	TREND. 0.5235
1967-70	OBS. TOTAL	173	81	44	27	10	5	3	1	2		
	EXP.	68.2	49.4	30.6	9.6	7.5	3.7	1.8	2.3			
	OBS./EXP. RELATIVE RISK	1.188 1.000	0.890 0.749	0.883 0.743	1.040 0.875	0.668 0.562	0.817 0.687	0.551 0.464	0.885 0.745			
	TEST PROB.	A=C? 0.8698	A=D? 0.7134	A=E? 0.8915	A=F? 0.7284	A=G? 0.8161	A=H? 0.7275	A=CD? 0.8616	A=EF? 0.9021	A=GH? 0.8233	HOMO. 0.6575	TREND. 0.8431
1971-74	OBS. TOTAL	206	92	51	34	13	8	2	2	4		
	EXP.	81.1	58.7	36.1	11.6	9.1	4.5	2.2	2.7			
	OBS./EXP. RELATIVE RISK	1.135 1.000	0.869 0.765	0.943 0.831	1.121 0.988	0.876 0.771	0.445 0.392	0.890 0.784	1.488 1.311			
	TEST PROB.	A=C? 0.7455	A=D? 0.4572	A=E? 0.7012	A=F? 0.8439	A=G? 0.6254	A=H? 0.4662	A=CD? 0.7114	A=EF? 0.8064	A=GH? 0.4436	HOMO. 0.6454	TREND. 0.5499
1975-78	OBS. TOTAL	283	135	71	34	17	9	5	5	7		
	EXP.	112.5	80.8	49.9	15.7	11.9	5.7	2.9	3.6			
	OBS./EXP. RELATIVE RISK	1.200 1.000	0.879 0.733	0.681 0.568	1.084 0.904	0.756 0.630	0.880 0.733	1.698 1.415	1.956 1.631			
	TEST PROB.	A=C? 0.9857	A=D? 0.6482	A=E? 0.8796	A=F? 0.7690	A=G? 0.4043	A=H? 0.2485	A=CD? 0.9715	A=EF? 0.9065	A=GH? 0.1865	HOMO. 0.0204	TREND. 0.1157

TABLE 28-5 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	5395	2155	1460	1047	298	218	96	54	67		
	EXP.		2143.8	1485.8	1046.7	300.9	227.2	88.0	41.2	61.4		
	OBS./EXP.		1.005	0.983	1.000	0.990	0.960	1.091	1.311	1.091		
	RELATIVE RISK		1.000	0.978	0.995	0.985	0.954	1.035	1.304	1.085		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5142	0.4840	0.6141	0.2217	0.9632	0.2702	0.5165	0.4532	0.0739	0.5146	0.0776
1950-54	OBS.	458	151	123	89	18	23	5	3	6		
	EXP.		177.2	129.6	89.7	25.8	19.4	7.8	3.9	5.6		
	OBS./EXP.		1.078	0.956	0.993	0.698	1.185	0.642	0.773	1.067		
	RELATIVE RISK		1.000	0.887	0.921	0.648	1.099	0.596	0.717	0.990		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7337	0.3920	0.3768	0.8119	0.6886	0.5383	0.8492	0.5143	0.6320	0.5745	0.7263
1955-58	OBS.	504	199	130	113	25	17	7	7	6		
	EXP.		196.6	140.3	97.5	28.8	21.7	8.5	4.3	6.2		
	OBS./EXP.		1.012	0.926	1.159	0.867	0.785	0.819	1.628	0.964		
	RELATIVE RISK		1.000	0.915	1.145	0.856	0.775	0.809	1.608	0.952		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2135	0.7128	0.7957	0.6918	0.2703	0.6048	0.2992	0.3121	0.4301	0.4464	0.5600
1959-62	OBS.	552	219	169	89	36	19	6	7	7		
	EXP.		216.0	154.1	106.3	31.4	24.0	9.3	4.4	6.6		
	OBS./EXP.		1.314	1.097	0.838	1.145	0.793	0.644	1.601	1.055		
	RELATIVE RISK		1.000	1.082	0.826	1.129	0.782	0.635	1.578	1.040		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8877	0.3220	0.7779	0.3178	0.2418	0.4441	0.7876	0.8516	0.2824	0.2642	0.5932
1963-66	OBS.	700	251	205	134	43	33	16	10	8		
	EXP.		275.2	194.2	134.4	39.6	30.2	12.0	5.4	8.5		
	OBS./EXP.		0.912	1.055	0.997	1.085	1.072	1.339	1.866	0.940		
	RELATIVE RISK		1.000	1.157	1.093	1.190	1.175	1.467	2.046	1.031		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2545	0.1405	0.2713	0.1005	0.0449	0.4635	0.1572	0.1305	0.1162	0.2508	0.0577
1967-70	OBS.	882	357	229	168	54	40	14	9	11		
	EXP.		353.5	240.3	170.2	49.0	37.9	14.6	6.4	10.1		
	OBS./EXP.		1.010	0.953	0.987	1.102	1.056	0.961	1.403	1.087		
	RELATIVE RISK		1.000	0.944	0.977	1.091	1.045	0.952	1.389	1.077		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5508	0.3403	0.3229	0.4639	0.2012	0.3925	0.5229	0.3313	0.2008	0.9334	0.2032
1971-74	OBS.	1032	423	261	190	59	48	28	10	13		
	EXP.		415.1	282.5	201.4	56.1	42.6	16.5	7.2	10.6		
	OBS./EXP.		1.019	0.924	0.943	1.051	1.128	1.698	1.396	1.224		
	RELATIVE RISK		1.000	0.907	0.926	1.032	1.107	1.666	1.370	1.202		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7279	0.4728	0.3437	0.0471	0.3105	0.3754	0.6691	0.1131	0.2546	0.0643	0.0058
1975-78	OBS.	1267	515	343	264	63	38	20	8	16		
	EXP.		513.3	347.1	247.0	68.7	51.8	18.9	8.4	11.8		
	OBS./EXP.		1.003	0.988	1.069	0.917	0.734	1.057	0.955	1.358		
	RELATIVE RISK		1.000	0.985	1.065	0.914	0.732	1.053	0.952	1.354		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CO?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2585	0.6361	0.9075	0.4026	0.4654	0.1829	0.3386	0.8406	0.2417	0.4097	0.4494

TABLE 28-6 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	9493	3919	2717	1857	494	285	97	52	72		
	EXP.	3862.3	2684.9	1878.8	531.9	294.8	120.2	52.1	68.0			
	OBS./EXP. RELATIVE RISK	1.015 1.000	1.012 0.997	0.988 0.974	0.929 0.915	0.967 0.953	0.807 0.796	0.993 0.983	1.058 1.043			
	TEST PROB.	A=C? 0.8180	A=D? 0.9188	A=E? 0.7294	A=F? 0.9546	A=G? 0.5645	A=H? 0.4164	A=CD? 0.9054	A=EF? 0.9106	A=GH? 0.4650	HOMO. 0.1994	TREND. 0.9217
1950-54	OBS. EXP.	1483	624 591.2	448 430.4	266 293.0	56 81.3	56 48.5	9 18.3	9 8.2	15 12.1		
	OBS./EXP. RELATIVE RISK	1.055 1.000	1.041 0.986	0.908 0.860	0.689 0.653	1.154 1.093	0.491 0.466	1.099 1.041	1.240 1.175			
	TEST PROB.	A=C? 0.9518	A=D? 0.9908	A=E? 0.4227	A=F? 0.9684	A=G? 0.4850	A=H? 0.3965	A=CD? 0.9896	A=EF? 0.7557	A=GH? 0.4161	HOMO. 0.0049	TREND. 0.7873
1955-58	OBS. EXP.	1650	665 666.4	486 470.5	334 326.8	78 92.1	47 52.4	18 20.8	8 8.8	14 12.2		
	OBS./EXP. RELATIVE RISK	0.998 1.000	1.033 1.035	1.022 1.024	0.847 0.849	0.896 0.898	0.864 0.866	0.908 0.910	1.148 1.150			
	TEST PROB.	A=C? 0.4405	A=D? 0.8792	A=E? 0.7486	A=F? 0.7336	A=G? 0.5457	A=H? 0.4158	A=CD? 0.6118	A=EF? 0.7909	A=GH? 0.4686	HOMO. 0.7443	TREND. 0.7442
1959-62	OBS. EXP.	1560	645 626.1	454 441.9	298 309.7	84 91.9	42 49.8	17 19.9	7 9.0	13 11.7		
	OBS./EXP. RELATIVE RISK	1.030 1.000	1.027 0.997	0.962 0.934	0.914 0.827	0.843 0.819	0.854 0.829	0.777 0.754	1.114 1.082			
	TEST PROB.	A=C? 0.7873	A=D? 0.7757	A=E? 0.8402	A=F? 0.7499	A=G? 0.7371	A=H? 0.4742	A=CD? 0.8341	A=EF? 0.8217	A=GH? 0.6012	HOMO. 0.7121	TREND. 0.8698
1963-66	OBS. EXP.	1515	593 621.7	425 420.6	309 301.5	108 84.6	46 46.7	15 20.5	10 8.8	9 10.7		
	OBS./EXP. RELATIVE RISK	0.954 1.000	1.010 1.059	1.025 1.074	1.276 1.338	0.985 1.033	0.733 0.769	1.136 1.191	0.843 0.884			
	TEST PROB.	A=C? 0.2640	A=D? 0.0170	A=E? 0.4294	A=F? 0.7607	A=G? 0.3723	A=H? 0.6386	A=CD? 0.0985	A=EF? 0.5588	A=GH? 0.4667	HOMO. 0.1544	TREND. 0.4865
1967-70	OBS. EXP.	1315	527 547.1	393 364.0	267 253.1	57 73.3	43 39.1	12 18.0	9 6.8	7 8.5		
	OBS./EXP. RELATIVE RISK	0.963 1.000	1.080 1.121	1.034 1.074	0.777 0.807	1.099 1.141	0.667 0.692	1.316 1.366	0.820 0.851			
	TEST PROB.	A=C? 0.3094	A=D? 0.8652	A=E? 0.2596	A=F? 0.8443	A=G? 0.2905	A=H? 0.6687	A=CD? 0.4894	A=EF? 0.4713	A=GH? 0.4674	HOMO. 0.1280	TREND. 0.7974
1971-74	OBS. EXP.	1106	480 459.5	293 306.1	214 218.5	66 62.3	27 32.5	13 14.7	3 5.8	10 6.7		
	OBS./EXP. RELATIVE RISK	1.045 1.000	0.957 0.916	0.979 0.938	1.060 1.015	0.830 0.795	0.887 0.849	0.519 0.497	1.494 1.430			
	TEST PROB.	A=C? 0.7437	A=D? 0.5086	A=E? 0.3167	A=F? 0.7097	A=G? 0.2613	A=H? 0.2505	A=CD? 0.7125	A=EF? 0.8265	A=GH? 0.5248	HOMO. 0.4672	TREND. 0.5823
1975-78	OBS. EXP.	864	385 350.3	218 244.3	169 175.7	45 48.8	24 24.9	13 10.3	6 5.3	4 4.3		
	OBS./EXP. RELATIVE RISK	1.099 1.000	0.892 0.812	0.962 0.875	0.922 0.839	0.966 0.879	1.258 1.145	1.130 1.029	0.923 0.840			
	TEST PROB.	A=C? 0.8902	A=D? 0.7901	A=E? 0.6083	A=F? 0.2807	A=G? 0.4345	A=H? 0.6168	A=CD? 0.9193	A=EF? 0.4770	A=GH? 0.4665	HOMO. 0.2552	TREND. 0.5046

TABLE 28-7 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	8397	3369	2417	1510	441	348	127	73	112		
TOTAL	EXP.		3330.8	2370.7	1547.9	477.2	364.4	142.5	63.8	99.7		
	OBS./EXP.		1.011	1.020	0.975	0.924	0.955	0.891	1.144	1.124		
	RELATIVE RISK		1.000	1.008	0.964	0.914	0.944	0.881	1.131	1.111		
TEST	A=C?	0.7927	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.3667	0.6988	0.8101	0.2017	0.1866	0.8722	0.8083	0.1090	0.1515	0.4796
1950-54	OBS.	1194	498	351	215	40	60	6	7	17		
	EXP.		473.3	342.9	221.0	64.7	49.9	19.1	8.7	14.3		
	OBS./EXP.		1.052	1.024	0.973	0.618	1.202	0.314	0.800	1.191		
	RELATIVE RISK		1.000	0.973	0.925	0.587	1.142	0.299	0.760	1.132		
TEST	A=C?	0.7746	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.9922	0.2657	0.9917	0.7429	0.4234	0.9451	0.7060	0.5539	0.0013	0.3861
1955-58	OBS.	1263	490	366	254	63	42	22	11	15		
	EXP.		499.8	359.4	234.1	71.2	53.1	21.1	9.3	14.9		
	OBS./EXP.		0.980	1.018	1.085	0.885	0.790	1.043	1.179	1.009		
	RELATIVE RISK		1.000	1.039	1.107	0.902	0.806	1.064	1.203	1.030		
TEST	A=C?	0.1758	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.7452	0.8475	0.4784	0.4087	0.4758	0.2814	0.7756	0.4474	0.5600	0.6022
1959-62	OBS.	1193	491	351	203	71	41	14	9	13		
	EXP.		468.4	337.9	220.9	71.5	51.6	19.6	8.9	14.1		
	OBS./EXP.		1.048	1.039	0.919	0.993	0.795	0.716	1.012	0.919		
	RELATIVE RISK		1.000	0.991	0.877	0.947	0.759	0.683	0.965	0.877		
TEST	A=C?	0.8989	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.6185	0.3954	0.3616	0.5339	0.6503	0.8830	0.9449	0.5123	0.3969	0.9360
1963-66	OBS.	1251	475	367	219	84	55	20	15	16		
	EXP.		494.2	350.2	232.4	73.5	54.6	21.7	9.4	14.9		
	OBS./EXP.		0.961	1.048	0.942	1.143	1.008	0.920	1.588	1.074		
	RELATIVE RISK		1.000	1.090	0.980	1.190	1.049	0.957	1.652	1.117		
TEST	A=C?	0.5400	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.0916	0.3328	0.4879	0.0604	0.3518	0.3305	0.3535	0.0993	0.3529	0.1539
1967-70	OBS.	1220	483	364	220	59	55	17	10	13		
	EXP.		485.5	338.2	226.1	70.9	54.2	21.9	3.8	14.4		
	OBS./EXP.		0.995	1.076	0.973	0.818	1.015	0.775	1.136	0.902		
	RELATIVE RISK		1.000	1.082	0.978	0.822	1.020	0.779	1.141	0.907		
TEST	A=C?	0.5980	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.8632	0.3920	0.7751	0.4202	0.5145	0.7532	0.4934	0.4703	0.5111	0.5183
1971-74	OBS.	1141	455	311	205	68	49	25	8	20		
	EXP.		453.3	315.9	211.3	65.6	51.3	21.0	9.1	13.4		
	OBS./EXP.		1.004	0.985	0.970	1.036	0.955	1.190	0.377	1.488		
	RELATIVE RISK		1.000	0.981	0.966	1.032	0.951	1.186	0.874	1.482		
TEST	A=C?	0.6431	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.4170	0.6086	0.3107	0.6595	0.1229	0.5731	0.4784	0.2468	0.6843	0.0652
1975-78	OBS.	1135	477	307	194	57	46	23	13	18		
	EXP.		453.9	317.4	208.3	64.2	51.0	19.5	9.5	11.1		
	OBS./EXP.		1.051	0.967	0.931	0.887	0.902	1.181	1.369	1.615		
	RELATIVE RISK		1.000	0.920	0.886	0.844	0.858	1.124	1.303	1.537		
TEST	A=C?	0.8190	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
PROB.			0.7543	0.5900	0.2194	0.2168	0.0739	0.8659	0.5271	0.0467	0.1598	0.0320

TABLE 28-8- ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-8

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	8752	3594	2425	1769	477	253	116	53	65		
	EXP.		3532.9	2474.1	1774.2	479.6	262.2	116.5	52.9	59.7		
	OBS./EXP.		1.017	0.980	0.997	0.995	0.965	0.996	1.002	1.089		
	RELATIVE RISK		1.000	0.963	0.980	0.978	0.949	0.979	0.985	1.070		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7527	0.6418	0.7577	0.6050	0.5533	0.3688	0.7563	0.7670	0.4256	0.8783	0.6202
1950-54	OBS.	1132	464	329	214	54	37	16	9	9		
	EXP.		436.9	331.9	229.7	64.1	37.0	16.3	7.4	8.7		
	OBS./EXP.		1.062	0.991	0.932	0.843	1.000	0.981	1.216	1.035		
	RELATIVE RISK		1.000	0.933	0.932	0.794	0.942	0.924	1.145	0.975		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9220	0.8975	0.7050	0.6636	0.4634	0.5804	0.9511	0.7436	0.4677	0.6666	0.5601
1955-58	OBS.	1207	495	343	248	60	33	12	6	10		
	EXP.		479.8	346.6	245.8	67.5	36.4	15.9	7.2	7.9		
	OBS./EXP.		1.032	0.990	1.009	0.889	0.907	0.756	0.836	1.270		
	RELATIVE RISK		1.000	0.959	0.978	0.861	0.879	0.732	0.810	1.231		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6137	0.8223	0.7318	0.8102	0.7025	0.4309	0.7191	0.8143	0.5500	0.8268	0.6660
1959-62	OBS.	1161	459	353	221	63	37	13	5	10		
	EXP.		466.5	329.1	237.8	65.2	33.1	15.0	7.0	7.3		
	OBS./EXP.		0.984	1.073	0.930	0.966	1.116	0.867	0.714	1.369		
	RELATIVE RISK		1.000	1.090	0.945	0.982	1.135	0.881	0.726	1.391		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7040	0.5248	0.3375	0.6633	0.7205	0.2446	0.6761	0.4679	0.4311	0.5868	0.3684
1963-66	OBS.	1220	460	345	269	81	34	21	7	3		
	EXP.		496.5	342.3	268.8	65.0	35.4	16.8	7.5	7.8		
	OBS./EXP.		0.927	1.008	1.081	1.246	0.962	1.252	0.935	0.385		
	RELATIVE RISK		1.000	1.088	1.167	1.344	1.038	1.352	1.010	0.415		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0919	0.0282	0.4762	0.1770	0.4486	0.3859	0.0314	0.2743	0.7846	0.0712	0.6741
1967-70	OBS.	1266	519	342	266	67	39	14	9	10		
	EXP.		526.8	352.0	252.8	66.8	35.5	16.8	7.3	8.0		
	OBS./EXP.		0.985	0.972	1.052	1.003	1.097	0.836	1.233	1.249		
	RELATIVE RISK		1.000	0.986	1.068	1.018	1.114	0.848	1.251	1.268		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3195	0.4585	0.3298	0.6955	0.3536	0.3329	0.3643	0.4516	0.2430	0.8949	0.2031
1971-74	OBS.	1343	584	347	253	79	39	21	9	11		
	EXP.		553.6	376.0	268.4	71.6	39.8	17.9	7.4	8.5		
	OBS./EXP.		1.055	0.923	0.943	1.104	0.980	1.176	1.219	1.300		
	RELATIVE RISK		1.000	0.975	0.894	1.047	0.929	1.115	1.155	1.232		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8508	0.4620	0.6494	0.4185	0.4772	0.3658	0.7965	0.5430	0.3236	0.3576	0.1152
1975-78	OBS.	1423	613	366	298	73	34	19	8	12		
	EXP.		578.1	399.4	289.0	75.9	43.6	18.3	8.4	10.3		
	OBS./EXP.		1.060	0.916	1.031	0.962	0.779	1.040	0.954	1.163		
	RELATIVE RISK		1.000	0.864	0.973	0.907	0.735	0.981	0.900	1.097		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6567	0.7185	0.9025	0.5535	0.6212	0.4586	0.6983	0.8773	0.4666	0.2934	0.5902

TABLE 28-9 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	13435	6221	3432	2438	651	376	128	80	109		
	EXP.		6111.6	3459.6	2501.9	669.2	390.4	140.6	66.5	95.2		
	OBS./EXP. RELATIVE RISK		1.018 1.000	0.992 0.975	0.974 0.957	0.973 0.956	0.963 0.946	0.910 0.894	1.203 1.182	1.145 1.125		
	TEST PROB.	A=C? 0.9084	A=D? 0.7295	A=E? 0.7841	A=F? 0.8268	A=G? 0.1569	A=H? 0.2087	A=CD? 0.9266	A=EF? 0.8700	A=GH? 0.0998	HOMO, 0.1358	TREND, 0.2094
1950-54	OBS. EXP.	1751	831 795.6	472 457.4	293 320.3	63 86.4	59 51.3	10 17.8	10 9.0	13 13.3		
	OBS./EXP. RELATIVE RISK		1.044 1.000	1.032 0.988	0.915 0.876	0.729 0.698	1.151 1.102	0.561 0.537	1.109 1.062	0.981 0.939		
	TEST PROB.	A=C? 0.9225	A=D? 0.9778	A=E? 0.3409	A=F? 0.9340	A=G? 0.4537	A=H? 0.5982	A=CD? 0.9779	A=EF? 0.6332	A=GH? 0.5430	HOMO, 0.0277	TREND, 0.8473
1955-58	OBS. EXP.	1909	867 868.5	496 495.3	376 352.4	82 95.7	48 54.6	19 19.6	9 9.5	12 13.3		
	OBS./EXP. RELATIVE RISK		0.998 1.000	1.001 1.003	1.067 1.069	0.856 0.858	0.878 0.880	0.970 0.971	0.950 0.952	0.899 0.901		
	TEST PROB.	A=C? 0.2271	A=D? 0.8392	A=E? 0.7453	A=F? 0.5599	A=G? 0.5837	A=H? 0.6356	A=CD? 0.3938	A=EF? 0.7271	A=GH? 0.6349	HOMO, 0.6986	TREND, 0.2023
1959-62	OBS. EXP.	1832	848 832.0	501 471.0	303 340.3	97 95.2	46 53.0	10 18.9	12 9.2	15 12.4		
	OBS./EXP. RELATIVE RISK		1.019 1.000	1.064 1.044	0.891 0.874	1.019 1.000	0.868 0.851	0.528 0.518	1.307 1.283	1.211 1.198		
	TEST PROB.	A=C? 0.9301	A=D? 0.5109	A=E? 0.7963	A=F? 0.9448	A=G? 0.3089	A=H? 0.3581	A=CD? 0.8956	A=EF? 0.9285	A=GH? 0.2469	HOMO, 0.0641	TREND, 0.6370
1963-66	OBS. EXP.	1930	849 881.5	496 491.3	360 361.7	127 96.0	50 55.8	25 21.2	14 9.2	9 13.2		
	OBS./EXP. RELATIVE RISK		0.963 1.000	1.010 1.048	0.995 1.033	1.323 1.374	0.895 0.930	1.177 1.222	1.518 1.576	0.583 0.709		
	TEST PROB.	A=C? 0.3617	A=D? 0.3086	A=E? 0.6685	A=F? 0.2681	A=G? 0.1350	A=H? 0.8041	A=CD? 0.1055	A=EF? 0.4831	A=GH? 0.4626	HOMO, 0.0169	TREND, 0.3019
1967-70	OBS. EXP.	1969	901 903.6	513 499.7	360 368.4	80 97.0	71 56.1	17 21.4	13 9.0	14 13.8		
	OBS./EXP. RELATIVE RISK		0.997 1.000	1.027 1.030	0.977 0.980	0.825 0.827	1.264 1.268	0.793 0.795	1.450 1.454	1.018 1.021		
	TEST PROB.	A=C? 0.6059	A=D? 0.8863	A=E? 0.0981	A=F? 0.7774	A=G? 0.2004	A=H? 0.4728	A=CD? 0.7570	A=EF? 0.2304	A=GH? 0.2924	HOMO, 0.1531	TREND, 0.2883
1971-74	OBS. EXP.	1971	925 899.2	467 503.3	361 373.6	105 96.0	57 55.5	25 20.8	8 9.1	23 13.4		
	OBS./EXP. RELATIVE RISK		1.029 1.000	0.928 0.902	0.966 0.939	1.094 1.064	1.026 0.998	1.201 1.167	0.875 0.851	1.713 1.665		
	TEST PROB.	A=C? 0.7767	A=D? 0.3440	A=E? 0.4888	A=F? 0.3217	A=G? 0.6657	A=H? 0.0460	A=CD? 0.6843	A=EF? 0.4080	A=GH? 0.1392	HOMO, 0.0700	TREND, 0.0094
1975-78	OBS. EXP.	2073	1000 930.3	487 538.4	385 397.7	97 102.3	45 60.5	22 20.5	14 10.3	23 13.1		
	OBS./EXP. RELATIVE RISK		1.075 1.000	0.905 0.841	0.988 0.901	0.948 0.882	0.744 0.692	1.073 0.999	1.359 1.265	1.762 1.639		
	TEST PROB.	A=C? 0.9018	A=D? 0.3184	A=E? 0.9621	A=F? 0.4877	A=G? 0.3056	A=H? 0.0545	A=CD? 0.9264	A=EF? 0.9353	A=GH? 0.0552	HOMO, 0.0007	TREND, 0.0332

TABLE 28-10 ALL DISEASES EXCEPT NEOPLASMS

TABLE 28-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	3714	742	1410	841	267	225	115	46	68		
	TOTAL EXP.	752.0	1385.2	820.2	287.6	236.2	118.3	50.2	64.2			
	OBS./EXP.	0.987	1.018	1.025	0.928	0.953	0.972	0.916	1.059			
	RELATIVE RISK	1.000	1.032	1.039	0.941	0.965	0.985	0.929	1.074			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3611	0.7521	0.6405	0.5654	0.6565	0.3321	0.4904	0.6432	0.4703	0.7835	0.6973
1950-54	OBS.	575	131	208	136	31	38	12	6	13		
	TOTAL EXP.	114.6	217.4	130.4	42.4	35.7	17.6	7.1	9.7			
	OBS./EXP.	1.143	0.957	1.043	0.730	1.066	0.683	0.841	1.339			
	RELATIVE RISK	1.000	0.837	0.913	0.639	0.933	0.597	0.736	1.171			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7229	0.9540	0.6314	0.9144	0.7318	0.3721	0.8680	0.8258	0.4748	0.2191	0.5769
1955-58	OBS.	561	118	213	126	41	27	15	8	13		
	TOTAL EXP.	111.2	210.7	127.5	43.0	34.9	17.4	7.0	9.4			
	OBS./EXP.	1.061	1.011	0.988	0.954	0.774	0.863	1.136	1.385			
	RELATIVE RISK	1.000	0.953	0.931	0.899	0.730	0.813	1.070	1.305			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6966	0.7000	0.8658	0.7285	0.4463	0.3001	0.7157	0.8740	0.3299	0.7450	0.4452
1959-62	OBS.	522	102	203	121	37	32	17	2	8		
	TOTAL EXP.	102.9	196.0	118.4	41.5	31.7	15.6	6.7	9.1			
	OBS./EXP.	0.991	1.036	1.022	0.891	1.010	1.088	0.298	0.882			
	RELATIVE RISK	1.000	1.045	1.031	0.899	1.019	1.098	0.300	0.890			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4578	0.6809	0.4789	0.4455	0.9238	0.6247	0.5201	0.4949	0.8574	0.7160	0.8290
1963-66	OBS.	541	86	216	128	38	39	16	8	10		
	TOTAL EXP.	109.2	201.2	119.5	42.5	34.1	17.3	7.7	9.5			
	OBS./EXP.	0.788	1.074	1.071	0.894	1.144	0.927	1.038	1.051			
	RELATIVE RISK	1.000	1.363	1.360	1.135	1.453	1.177	1.318	1.335			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0896	0.3519	0.0873	0.3831	0.3525	0.3163	0.1131	0.1097	0.2445	0.3044	0.3733
1967-70	OBS.	517	101	193	126	45	23	14	6	9		
	TOTAL EXP.	108.7	190.5	110.5	40.7	33.6	17.3	7.1	8.7			
	OBS./EXP.	0.929	1.013	1.141	1.106	0.685	0.811	0.840	1.039			
	RELATIVE RISK	1.000	1.096	1.228	1.190	0.737	0.873	0.904	1.118			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1614	0.2468	0.8594	0.6896	0.6133	0.4841	0.1426	0.8518	0.4608	0.3490	0.8394
1971-74	OBS.	513	114	191	97	42	31	21	9	8		
	TOTAL EXP.	107.6	188.5	106.1	41.2	35.6	18.0	7.4	8.5			
	OBS./EXP.	1.059	1.013	0.914	1.019	0.872	1.164	1.222	0.943			
	RELATIVE RISK	1.000	0.957	0.863	0.962	0.823	1.099	1.153	0.891			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7900	0.5935	0.7743	0.4090	0.4559	0.6212	0.7736	0.6479	0.4650	0.9019	0.4566
1975-78	OBS.	485	90	186	107	33	35	20	7	7		
	TOTAL EXP.	101.7	178.5	99.6	37.8	34.1	17.2	7.6	8.4			
	OBS./EXP.	0.885	1.042	1.074	0.972	1.026	1.160	0.923	0.832			
	RELATIVE RISK	1.000	1.178	1.214	0.986	1.159	1.311	1.044	0.941			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2160	0.5638	0.3278	0.2205	0.4779	0.6032	0.2739	0.2324	0.5645	0.8015	0.5583

TABLE 29-1 TUBERCULOSIS

TABLE 29-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			A	B	C	D	E	F	G	H		
1950-78	OBS. TOTAL	1140	403	344	242	58	52	11	14	16		
	EXP.	431.2	332.6	211.7	65.6	52.1	22.8	10.2	13.9			
	OBS./EXP. RELATIVE RISK	0.935	1.034	1.143	0.884	0.997	0.483	1.378	1.148			
		1.000	1.169	0.904	1.020	0.494	1.408	1.174				
	TEST PROB.	AB=C? 0.0773	AB=D? 0.7240	AB=E? 0.5310	AB=F? 0.9657	AB=G? 0.2316	AB=H? 0.3990	AB=CD? 0.1561	AB=E-H? 0.6780	AB=FGH? 0.7446	HOMO. 0.0313	TREND. 0.5284
1950-54	OBS. TOTAL	364	126	118	78	16	18	1	5	2		
	EXP.	135.6	107.2	67.2	20.9	17.2	7.7	3.5	4.7			
	OBS./EXP. RELATIVE RISK	0.929	1.101	1.160	0.764	1.048	0.130	1.446	0.425			
		1.000	1.155	0.761	1.043	0.130	1.439	0.423				
	TEST PROB.	AB=C? 0.2521	AB=D? 0.8087	AB=E? 0.4905	AB=F? 0.9715	AB=G? 0.4040	AB=H? 0.2584	AB=CD? 0.4034	AB=E-H? 0.8417	AB=FGH? 0.9402	HOMO. 0.0761	TREND. 0.9442
1955-58	OBS. TOTAL	267	98	75	56	13	12	5	3	5		
	EXP.	101.1	78.0	49.6	15.3	12.0	5.3	2.4	3.3			
	OBS./EXP. RELATIVE RISK	0.969	0.961	1.129	0.850	1.003	0.949	1.247	1.501			
		1.000	1.169	0.880	1.038	0.983	1.292	1.554				
	TEST PROB.	AB=C? 0.2531	AB=D? 0.6577	AB=E? 0.4740	AB=F? 0.5657	AB=G? 0.4117	AB=H? 0.3453	AB=CD? 0.3254	AB=E-H? 0.4303	AB=FGH? 0.3910	HOMO. 0.9354	TREND. 0.2199
1959-62	OBS. TOTAL	162	51	48	40	10	9	1	0	3		
	EXP.	59.5	47.9	30.6	9.8	7.5	3.2	1.4	2.0			
	OBS./EXP. RELATIVE RISK	0.857	1.001	1.308	1.021	1.204	0.310	0.000	1.472			
		1.000	1.419	1.108	1.307	0.337	0.000	1.598				
	TEST PROB.	AB=C? 0.1133	AB=D? 0.4526	AB=E? 0.4141	AB=F? 0.3492	AB=G? 0.8646	AB=H? 0.4470	AB=CD? 0.1315	AB=E-H? 0.5972	AB=FGH? 0.7932	HOMO. 0.3398	TREND. 0.5244
1963-66	OBS. TOTAL	139	49	42	31	5	6	2	3	1		
	EXP.	51.3	40.7	26.1	8.2	6.4	2.9	1.2	1.7			
	OBS./EXP. RELATIVE RISK	0.946	1.032	1.187	0.611	0.932	0.699	2.446	0.602			
		1.000	1.206	0.621	0.948	0.711	2.487	0.612				
	TEST PROB.	AB=C? 0.2739	AB=D? 0.8032	AB=E? 0.5702	AB=F? 0.6953	AB=G? 0.2182	AB=H? 0.7067	AB=CD? 0.4252	AB=E-H? 0.5173	AB=FGH? 0.4404	HOMO. 0.6021	TREND. 0.5410
1967-70	OBS. TOTAL	88	33	26	17	5	4	0	0	3		
	EXP.	35.5	25.0	16.2	4.6	3.6	1.5	0.6	0.9			
	OBS./EXP. RELATIVE RISK	0.930	1.039	1.048	1.093	1.113	0.000	0.000	3.199			
		1.000	1.075	1.110	1.142	0.000	0.000	3.281				
	TEST PROB.	AB=C? 0.4750	AB=D? 0.4313	AB=E? 0.4248	AB=F? 0.8631	AB=G? 0.3124	AB=H? 0.1329	AB=CD? 0.4666	AB=E-H? 0.4496	AB=FGH? 0.4415	HOMO. 0.4302	TREND. 0.2030
1971-74	OBS. TOTAL	74	25	21	14	6	3	2	2	0		
	EXP.	22.8	21.1	13.7	4.2	3.4	1.4	0.6	0.8			
	OBS./EXP. RELATIVE RISK	0.902	0.997	1.023	1.435	0.887	1.402	3.303	0.000			
		1.000	1.086	1.522	0.941	1.488	3.506	0.000				
	TEST PROB.	AB=C? 0.4631	AB=D? 0.2914	AB=E? 0.5678	AB=F? 0.3671	AB=G? 0.2060	AB=H? 0.8297	AB=CD? 0.3637	AB=E-H? 0.4703	AB=FGH? 0.3781	HOMO. 0.6029	TREND. 0.3175
1975-78	OBS. TOTAL	46	20	14	6	3	0	0	1	2		
	EXP.	18.5	12.8	8.3	2.6	2.1	0.8	0.4	0.5			
	OBS./EXP. RELATIVE RISK	1.082	1.091	0.725	1.162	0.000	0.000	2.488	3.961			
		1.000	0.668	1.071	0.000	0.000	2.291	3.647				
	TEST PROB.	AB=C? 0.7812	AB=D? 0.4257	AB=E? 0.9053	AB=F? 0.8422	AB=G? 0.3040	AB=H? 0.2490	AB=CD? 0.7292	AB=E-H? 0.7326	AB=FGH? 0.4314	HOMO. 0.2396	TREND. 0.1739

TABLE 29-2 TUBERCULOSIS

TABLE 29-2

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-73	OBS.	793	335	210	167	38	27	4	7	5		
	TOTAL EXP.		356.7	209.6	142.6	37.6	25.4	9.2	4.8	7.1		
	OBS./EXP. RELATIVE RISK		0.939 1.000	1.002	1.171 1.217	1.011 1.051	1.062 1.104	0.436 0.453	1.473 1.530	0.700 0.727		
	TEST PROB.	AB=C? 0.0641	AB=D? 0.4471	AB=E? 0.4109	AB=F? 0.8981	AB=G? 0.2816	AB=H? 0.7433	AB=I? 0.0803	AB=E-H? 0.6108	AB=FGH? 0.7802	HOMO, 0.1761	TREND, 0.6535
1950-54	OBS.	245	100	68	50	11	11	1	3	1		
	TOTAL EXP.		110.2	64.8	43.8	11.5	7.3	2.9	1.6	2.3		
	OBS./EXP. RELATIVE RISK		0.908 1.000	1.049	1.141 1.188	0.956 0.995	1.404 1.463	0.346 0.360	1.865 1.943	0.432 0.450		
	TEST PROB.	AB=C? 0.2456	AB=D? 0.4919	AB=E? 0.2370	AB=F? 0.8294	AB=G? 0.3377	AB=H? 0.7855	AB=I? 0.2760	AB=E-H? 0.6182	AB=FGH? 0.7144	HOMO, 0.4869	TREND, 0.5368
1955-58	OBS.	187	81	47	41	9	5	2	2	0		
	TOTAL EXP.		84.0	49.6	33.5	8.9	5.9	2.2	1.2	1.7		
	OBS./EXP. RELATIVE RISK		0.964 1.000	0.948	1.224 1.278	1.013 1.058	0.848 0.885	0.915 0.956	1.706 1.781	0.000 0.000		
	TEST PROB.	AB=C? 0.1893	AB=D? 0.4509	AB=E? 0.6280	AB=F? 0.5659	AB=G? 0.4035	AB=H? 0.8775	AB=I? 0.2091	AB=E-H? 0.6740	AB=FGH? 0.6667	HOMO, 0.7317	TREND, 0.7396
1959-62	OBS.	106	39	26	28	7	4	1	0	1		
	TOTAL EXP.		47.7	27.9	19.1	5.2	3.4	1.2	0.6	0.9		
	OBS./EXP. RELATIVE RISK		0.818 1.000	0.933	1.464 1.703	1.347 1.566	1.183 1.376	0.842 0.980	0.000 0.000	1.075 1.250		
	TEST PROB.	AB=C? 0.0562	AB=D? 0.2796	AB=E? 0.4825	AB=F? 0.5392	AB=G? 0.8090	AB=H? 0.3799	AB=I? 0.0484	AB=E-H? 0.4396	AB=FGH? 0.6249	HOMO, 0.4056	TREND, 0.4052
1963-66	OBS.	95	43	24	21	2	2	0	0	1		
	TOTAL EXP.		42.5	24.9	17.2	4.7	3.1	1.1	0.5	0.8		
	OBS./EXP. RELATIVE RISK		1.011 1.000	1.043	1.217 1.190	0.429 0.420	0.640 0.626	0.000 0.000	0.000 0.000	1.196 1.169		
	TEST PROB.	AB=C? 0.3485	AB=D? 0.8548	AB=E? 0.7403	AB=F? 0.8525	AB=G? 0.8122	AB=H? 0.3963	AB=I? 0.4464	AB=E-H? 0.8294	AB=FGH? 0.8139	HOMO, 0.7205	TREND, 0.8376
1967-70	OBS.	70	30	20	13	2	4	0	0	1		
	TOTAL EXP.		31.7	18.4	12.6	3.2	2.3	0.8	0.4	0.6		
	OBS./EXP. RELATIVE RISK		0.946 1.000	1.087	1.030 1.033	0.625 0.626	1.759 1.763	0.000 0.000	0.000 0.000	1.647 1.650		
	TEST PROB.	AB=C? 0.4594	AB=D? 0.7346	AB=E? 0.3163	AB=F? 0.8312	AB=G? 0.7965	AB=H? 0.3303	AB=I? 0.5799	AB=E-H? 0.4465	AB=FGH? 0.7363	HOMO, 0.8396	TREND, 0.4935
1971-74	OBS.	54	25	13	9	4	1	0	2	0		
	TOTAL EXP.		24.3	14.3	9.8	2.5	1.7	0.6	0.3	0.5		
	OBS./EXP. RELATIVE RISK		1.028 1.000	0.911	0.918 0.932	1.591 1.616	0.573 0.581	0.000 0.000	7.163 7.273	0.000 0.000		
	TEST PROB.	AB=C? 0.5929	AB=D? 0.3589	AB=E? 0.7425	AB=F? 0.8170	AB=G? 0.0694	AB=H? 0.8074	AB=I? 0.4565	AB=E-H? 0.5760	AB=FGH? 0.3827	HOMO, 0.0699	TREND, 0.2580
1975-73	OBS.	36	17	10	5	3	0	0	0	1		
	TOTAL EXP.		16.1	9.6	6.5	1.7	1.2	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.057 1.000	1.038	0.767 0.730	1.804 1.718	0.000 0.000	0.000 0.000	0.000 0.000	3.375 3.213		
	TEST PROB.	AB=C? 0.7216	AB=D? 0.4007	AB=E? 0.8594	AB=F? 0.8008	AB=G? 0.7830	AB=H? 0.2738	AB=I? 0.5877	AB=E-H? 0.7807	AB=FGH? 0.4288	HOMO, 0.6613	TREND, 0.3897

TABLE 29-3 TUBERCULOSIS

TABLE 29-3

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	7-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	347	68	134	75	20	25	7	7	11		
	EXP.		74.5	122.9	69.0	28.0	26.7	13.6	5.4	6.8		
	OBS./EXP.		0.913	1.090	1.087	0.714	0.935	0.515	1.294	1.620		
	RELATIVE RISK		1.000		1.062	0.698	0.914	0.503	1.265	1.584		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.4049	0.8789	0.6677	0.9201	0.3975	0.1812	0.6156	0.6630	0.5962	0.1444	0.4195
1950-54	OBS. TOTAL	119	26	50	28	5	7	0	2	1		
	EXP.		25.5	42.3	23.4	9.4	9.3	4.8	1.8	2.4		
	OBS./EXP.		1.020	1.181	1.197	0.531	0.750	0.000	1.081	0.419		
	RELATIVE RISK		1.000		1.068	0.474	0.669	0.000	0.965	0.374		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.4666	0.9021	0.8124	0.9649	0.5568	0.8186	0.6715	0.9554	0.9539	0.1499	0.9885
1955-58	OBS. TOTAL	80	17	28	15	4	7	3	1	5		
	EXP.		17.0	28.5	16.1	6.4	6.1	3.1	1.2	1.5		
	OBS./EXP.		0.997	0.984	0.931	0.624	1.154	0.973	0.811	3.129		
	RELATIVE RISK		1.000		0.942	0.631	1.167	0.984	0.820	3.164		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.5846	0.7315	0.4506	0.5603	0.6244	0.0642	0.6875	0.2713	0.2524	0.2950	0.0319
1959-62	OBS. TOTAL	56	12	22	12	3	5	0	0	2		
	EXP.		11.8	20.1	11.5	4.6	4.1	2.0	0.3	1.1		
	OBS./EXP.		1.017	1.097	1.046	0.653	1.221	0.000	0.000	1.806		
	RELATIVE RISK		1.000		0.920	0.612	1.145	0.000	0.000	1.693		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.5608	0.7733	0.4303	0.8979	0.8360	0.3889	0.6610	0.6960	0.3203	0.7103	0.6701
1963-66	OBS. TOTAL	44	6	16	10	3	4	2	3	0		
	EXP.		9.3	15.8	8.9	3.5	3.3	1.7	0.7	0.8		
	OBS./EXP.		0.648	1.013	1.127	0.851	1.208	1.160	4.336	0.000		
	RELATIVE RISK		1.000		1.293	0.969	1.376	1.321	4.937	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.3731	0.5517	0.4442	0.3898	0.0566	0.8270	0.4120	0.2646	0.2881	0.1833	0.2371
1967-70	OBS. TOTAL	18	3	6	4	3	0	0	0	2		
	EXP.		3.8	6.6	3.6	1.4	1.3	0.7	0.3	0.3		
	OBS./EXP.		0.795	0.905	1.108	2.117	0.000	0.000	0.000	6.049		
	RELATIVE RISK		1.000		1.280	2.447	0.000	0.000	0.000	6.992		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.4130	0.2759	0.8546	0.8146	0.7923	0.0776	0.3279	0.5562	0.4165	0.0794	0.0869
1971-74	OBS. TOTAL	20	1	8	5	2	2	2	0	0		
	EXP.		4.5	6.8	3.9	1.7	1.6	0.8	0.3	0.4		
	OBS./EXP.		0.222	1.178	1.240	1.198	1.223	2.450	0.000	0.000		
	RELATIVE RISK		1.000		1.618	1.504	1.534	3.074	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.3909	0.3772	0.3783	0.2794	0.7882	0.7931	0.3450	0.3977	0.3850	0.5556	0.4404
1975-78	OBS. TOTAL	10	3	4	1	0	0	0	1	1		
	EXP.		2.4	3.2	1.8	0.9	0.9	0.4	0.2	0.2		
	OBS./EXP.		1.247	1.251	0.569	0.000	0.000	0.000	5.058	4.792		
	RELATIVE RISK		1.000		0.456	0.000	0.000	0.000	4.049	3.836		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
	PROB.	0.7809	0.8567	0.8552	0.8172	0.2696	0.2715	0.8595	0.5815	0.3912	0.2406	0.1447

TABLE 30-1 CEREBROVASCULAR DISEASE

TABLE 30-1

MIYOSHIWA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	1-65 TOTAL CASE IN RAO										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	5108	2066	1443	985	270	187	74	40	43		
	EXP.	2051.6	1431.8	995.5	287.1	185.1	75.7	34.2	47.0			
	OBS./EXP. RELATIVE RISK	1.007 1.000	1.008 1.001	0.989 0.983	0.941 0.934	1.010 1.003	0.977 0.970	1.168 1.160	0.916 0.909			
	TEST PROB.	A=C? 0.6454	A=D? 0.6991	A=E? 0.4141	A=F? 0.5048	A=G? 0.2342	A=H? 0.6159	A=CD? 0.7082	A=EF? 0.4517	A=GH? 0.3904	HOMO. 0.9105	TREND. 0.6167
1950-54	OBS. EXP.	509	227 206.5	145 144.4	90 99.7	14 27.7	24 16.9	2 6.4	3 3.0	4 4.4		
	OBS./EXP. RELATIVE RISK	1.099 1.000	1.004 0.913	0.902 0.921	0.506 0.460	1.418 1.290	0.311 0.283	1.012 0.921	0.918 0.835			
	TEST PROB.	A=C? 0.8794	A=D? 0.9778	A=E? 0.1978	A=F? 0.9193	A=G? 0.5210	A=H? 0.5903	A=CD? 0.9644	A=EF? 0.4810	A=GH? 0.5779	HOMO. 0.0248	TREND. 0.8205
1955-58	OBS. EXP.	641	245 256.4	184 181.5	143 125.9	30 36.1	20 22.4	7 9.0	5 4.0	7 5.7		
	OBS./EXP. RELATIVE RISK	0.956 1.000	1.014 1.061	1.135 1.188	0.731 0.869	0.894 0.935	0.777 0.813	1.237 1.295	1.238 1.296			
	TEST PROB.	A=C? 0.1232	A=D? 0.7314	A=E? 0.6267	A=F? 0.6814	A=G? 0.4588	A=H? 0.4130	A=CD? 0.2129	A=EF? 0.6534	A=GH? 0.3546	HOMO. 0.6347	TREND. 0.4426
1959-62	OBS. EXP.	699	277 281.3	206 195.3	131 136.2	37 40.6	28 24.8	7 9.9	8 4.4	5 6.2		
	OBS./EXP. RELATIVE RISK	0.985 1.000	1.055 1.071	0.942 0.977	0.911 0.925	1.128 1.146	0.704 0.715	1.744 1.771	0.805 0.817			
	TEST PROB.	A=C? 0.6248	A=D? 0.6157	A=E? 0.3735	A=F? 0.7736	A=G? 0.1622	A=H? 0.6724	A=CD? 0.6334	A=EF? 0.5299	A=GH? 0.3405	HOMO. 0.6248	TREND. 0.5054
1963-66	OBS. EXP.	826	295 326.2	246 232.6	163 161.9	63 47.4	32 30.9	12 13.2	8 5.9	7 7.9		
	OBS./EXP. RELATIVE RISK	0.904 1.000	1.058 1.169	1.007 1.113	1.330 1.471	1.037 1.147	0.906 1.002	1.364 1.508	0.885 0.979			
	TEST PROB.	A=C? 0.2199	A=D? 0.0139	A=E? 0.3049	A=F? 0.4568	A=G? 0.2193	A=H? 0.4543	A=CD? 0.0625	A=EF? 0.3408	A=GH? 0.2954	HOMO. 0.1664	TREND. 0.2667
1967-70	OBS. EXP.	836	327 338.4	246 231.2	167 162.0	46 47.3	28 30.8	13 13.3	6 5.5	3 7.7		
	OBS./EXP. RELATIVE RISK	0.966 1.000	1.064 1.101	1.031 1.067	0.973 1.007	0.910 0.942	0.981 1.015	1.086 1.124	0.392 0.405			
	TEST PROB.	A=C? 0.3542	A=D? 0.4779	A=E? 0.4800	A=F? 0.4591	A=G? 0.4895	A=H? 0.8783	A=CD? 0.4105	A=EF? 0.4444	A=GH? 0.7480	HOMO. 0.6899	TREND. 0.9131
1971-74	OBS. EXP.	825	366 334.4	207 225.6	148 160.6	48 45.7	29 30.2	15 12.8	5 5.4	7 7.2		
	OBS./EXP. RELATIVE RISK	1.094 1.000	0.905 0.827	0.922 0.842	1.050 0.959	0.961 0.878	1.167 1.067	0.928 0.848	0.974 0.890			
	TEST PROB.	A=C? 0.9093	A=D? 0.5847	A=E? 0.6702	A=F? 0.4623	A=G? 0.6697	A=H? 0.6308	A=CD? 0.8817	A=EF? 0.5983	A=GH? 0.6866	HOMO. 0.4433	TREND. 0.5224
1975-78	OBS. EXP.	772	329 310.7	209 215.3	143 149.9	32 42.7	26 29.4	18 11.8	5 5.5	10 6.6		
	OBS./EXP. RELATIVE RISK	1.059 1.000	0.971 0.916	0.954 0.901	0.749 0.707	0.885 0.836	1.526 1.441	0.903 0.853	1.509 1.425			
	TEST PROB.	A=C? 0.7609	A=D? 0.8793	A=E? 0.6735	A=F? 0.1178	A=G? 0.5856	A=H? 0.1981	A=CD? 0.8611	A=EF? 0.4526	A=GH? 0.2837	HOMO. 0.1962	TREND. 0.1525

TABLE 30-2 CEREBROVASCULAR DISEASE

TABLE 30-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	15	3	5	5	0	0	2	0	0		
	EXP.		5.4	4.8	3.2	0.8	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.554 1.000	1.052 1.901	1.574 2.844	0.000 0.000	0.000 0.000	8.911 16.099	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.1900	A=D? 0.7942	A=E? 0.7786	A=F? 0.0154	A=G? 0.7639	A=H? 0.7649	A=CD? 0.2570	A=EF? 0.1564	A=GH? 0.7684	HOMO. 0.0128	TREND. 0.1528
1950-54	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1955-58	OBS. EXP.	2	0	1	0	0	0	1	0	0		
	RELATIVE RISK		0.000 X	1.899 X	0.000 X	0.000 X	0.000 X	55.602 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0030
1959-62	OBS. EXP.	0	0	0	0	0	0	0	0	0		
	OBS./EXP. RELATIVE R											
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? X	A=EF? X	A=GH? X	HOMO. X	TREND. X
1963-66	OBS. EXP.	1	0	0	0	0	0	1	0	0		
	RELATIVE RISK		0.000 X	0.000 X	0.000 X	0.000 X	0.000 X	44.877 X	0.000 X	0.000 X		
	TEST PROB.	A=C? X	A=D? X	A=E? X	A=F? 0.2398	A=G? X	A=H? X	A=CD? X	A=EF? 0.2398	A=GH? X	HOMO. 0.0000	TREND. 0.0049
1967-70	OBS. EXP.	2	0	1	1	0	0	0	0	0		
	RELATIVE RISK		0.000 X	1.274 X	1.971 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.9899	TREND. 0.5301
1971-74	OBS. EXP.	2	0	1	1	0	0	0	0	0		
	RELATIVE RISK		0.000 X	1.529 X	2.251 X	0.000 X	0.000 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	A=C? 0.2398	A=D? X	A=E? X	A=F? X	A=G? X	A=H? X	A=CD? 0.2398	A=EF? X	A=GH? X	HOMO. 0.9677	TREND. 0.5657
1975-78	OBS. EXP.	8	3	2	3	0	0	0	0	0		
	RELATIVE RISK		0.934 1.000	0.836 0.895	1.869 2.002	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.4432	A=D? 0.7943	A=E? 0.7785	A=F? 0.7681	A=G? 0.7638	A=H? 0.7648	A=CD? 0.3995	A=EF? 0.7855	A=GH? 0.7683	HOMO. 0.9552	TREND. 0.7108

TABLE 30-3 CEREBROVASCULAR DISEASE

TABLE 30-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+
		A	B	C	D	E	F	G	H	
1950-75	OBS. TOTAL	70	28	21	11	4	2	1	1	
	EXP.	26.8	21.8	11.1	3.4	3.5	1.6	0.7	1.0	
	OBS./EXP. RELATIVE RISK	1.044	0.961	0.989	1.167	0.572	1.273	1.402	0.989	
	TEST PROB.	0.5729	0.4239	0.7297	0.4051	0.3667	0.4732	0.5361	0.6666	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1950-54	OBS. EXP.	3	2	0	0	1	0	0	0	
	EXP.	1.4	0.9	0.5	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	1.474	0.000	0.000	9.321	0.000	0.000	0.000	0.000	
	TEST PROB.	0.8445	0.2579	0.7811	0.7692	0.7667	0.7684	0.3861	0.7888	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1955-58	OBS. EXP.	2	2	0	0	0	0	0	0	
	EXP.	0.9	0.6	0.3	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	2.202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.8447	0.7857	0.7811	0.7692	0.7667	0.7685	0.8587	0.7889	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1959-62	OBS. EXP.	4	0	1	3	0	0	0	0	
	EXP.	1.8	1.1	0.6	0.2	0.1	0.1	0.0	0.0	
	OBS./EXP. RELATIVE RISK	0.000	0.880	4.685	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.0663	X	X	X	X	X	0.0947	X	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1963-66	OBS. EXP.	7	2	1	3	1	0	0	0	
	EXP.	2.7	2.2	1.1	0.3	0.3	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.750	0.452	2.698	2.949	0.000	0.000	0.000	0.000	
	TEST PROB.	0.2686	0.2748	0.7809	0.7691	0.7667	0.7684	0.2529	0.7886	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1967-70	OBS. EXP.	11	3	7	1	0	0	0	0	
	EXP.	4.5	3.5	1.7	0.5	0.5	0.2	0.1	0.2	
	OBS./EXP. RELATIVE RISK	0.673	2.005	0.596	0.000	0.000	0.000	0.000	0.000	
	TEST PROB.	0.4963	0.7917	0.7865	0.7719	0.7683	0.7714	0.6330	0.7962	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1971-74	OBS. EXP.	20	9	4	3	0	1	1	1	
	EXP.	6.6	6.5	3.2	1.2	1.3	0.6	0.2	0.3	
	OBS./EXP. RELATIVE RISK	1.360	0.614	0.924	0.000	0.770	1.691	4.370	3.019	
	TEST PROB.	0.7614	0.8981	0.7528	0.5709	0.2891	0.3054	0.8568	0.7019	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						
1975-78	OBS. EXP.	23	10	8	1	2	1	1	0	
	EXP.	9.0	7.0	3.7	1.1	1.1	0.5	0.2	0.3	
	OBS./EXP. RELATIVE RISK	1.109	1.143	0.271	1.777	0.885	1.950	0.000	0.000	
	TEST PROB.	0.8690	0.4038	0.3398	0.2932	0.7820	0.7863	0.7552	0.3729	
		A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	
		A=GH?	HOMO.	TREND.						

TABLE 30-4 Cerebrovascular Disease

TABLE 30-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	A	B	C	D	E	F	G	H	I	
1950-78	OBS. TOTAL	272	110	75	42	14	11	7	5	8		
	EXP.		103.2	78.2	48.1	16.1	12.9	6.6	3.2	3.7		
	OBS./EXP. RELATIVE RISK		1.066	0.959	0.873	0.867	0.850	1.065	1.586	2.155		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.8095	0.6987	0.7603	0.4863	0.3591	0.1167	0.8213	0.7364	0.1017	0.3315	0.0394
1950-54	OBS. EXP.	6	1	3	1	0	0	0	1	0		
	EXP.		1.9	1.9	1.2	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.520	1.575	0.848	0.000	0.000	0.000	13.859	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.3408	0.7844	0.7735	0.7655	0.2427	0.7654	0.4037	0.7784	0.2478	0.0505	0.2021
1955-58	OBS. EXP.	11	2	5	2	1	0	0	0	1		
	EXP.		3.5	3.4	2.0	0.7	0.7	0.3	0.2	0.2		
	OBS./EXP. RELATIVE RISK		0.569	1.452	1.002	1.384	0.000	0.000	0.000	5.640		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.3575	0.2768	0.7833	0.7715	0.7661	0.2488	0.4039	0.7929	0.2562	0.4849	0.1650
1959-62	OBS. EXP.	25	6	10	4	1	3	1	0	0		
	EXP.		9.3	7.1	4.4	1.6	1.3	0.7	0.3	0.4		
	OBS./EXP. RELATIVE RISK		0.647	1.414	0.914	0.630	2.280	1.436	0.000	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.4163	0.3408	0.1919	0.2578	0.7716	0.7775	0.4231	0.1386	0.7876	0.5729	0.5123
1963-66	OBS. EXP.	36	10	11	6	3	2	2	2	0		
	EXP.		13.2	10.6	6.4	2.2	1.8	1.0	0.5	0.5		
	OBS./EXP. RELATIVE RISK		0.760	1.041	0.944	1.389	1.096	2.077	4.427	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.4387	0.3853	0.3790	0.3944	0.1280	0.8037	0.3589	0.4407	0.3523	0.3062	0.1310
1967-70	OBS. EXP.	44	19	9	9	4	1	1	1	0		
	EXP.		16.9	12.6	7.9	2.6	2.0	1.0	0.5	0.6		
	OBS./EXP. RELATIVE RISK		1.121	0.716	1.140	1.556	0.505	1.025	2.090	0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.5858	0.4165	0.8372	0.6860	0.3733	0.8384	0.4564	0.8059	0.7207	0.7931	0.6195
1971-74	OBS. EXP.	60	25	19	9	4	0	0	0	3		
	EXP.		23.2	17.2	10.6	3.5	2.7	1.3	0.7	0.8		
	OBS./EXP. RELATIVE RISK		1.076	1.108	0.849	1.150	0.000	0.000	0.000	3.781		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.7121	0.4394	0.9331	0.3828	0.8345	0.1540	0.6721	0.9605	0.3969	0.1122	0.3489
1975-78	OBS. EXP.	90	47	18	11	1	5	3	1	4		
	EXP.		35.1	25.6	15.7	5.2	4.1	2.0	1.0	1.2		
	OBS./EXP. RELATIVE RISK		1.337	0.703	0.700	0.191	1.225	1.489	0.976	3.390		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=I?	A=J?	A=K?	TREND.	
		0.9322	0.9554	0.6288	0.4353	0.5505	0.1463	0.9749	0.6289	0.2426	0.0093	0.0374

TABLE 30-5 CEREBROVASCULAR DISEASE

TABLE 30-5

MIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR CLASS	T=65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. 1821	711	502	359	107	74	35	19	14			
	EXP.	718.4	502.8	353.9	102.8	77.5	30.4	14.3	21.0			
	OBS./EXP.	0.990	0.999	1.014	1.041	0.955	1.153	1.330	0.666			
	RELATIVE RISK	1.000	1.009	1.025	1.052	0.965	1.165	1.344	0.673			
	TEST PROB.	A=C? 0.3758	A=D? 0.3068	A=E? 0.5542	A=F? 0.2277	A=G? 0.1699	A=H? 0.8405	A=CD? 0.3231	A=EF? 0.4049	A=GH? 0.5243	HOMO. 0.6432	TREND. 0.6122
1950-54 TOTAL	OBS. 87	34	27	14	5	6	0	1	0			
	EXP.	35.3	23.7	17.1	4.6	3.4	1.3	0.6	0.9			
	OBS./EXP.	0.962	1.140	0.820	1.076	1.781	0.000	1.570	0.000			
	RELATIVE RISK	1.000	1.185	0.852	1.118	1.852	0.000	1.632	0.000			
	TEST PROB.	A=C? 0.6820	A=D? 0.4466	A=E? 0.1663	A=F? 0.8353	A=G? 0.2972	A=H? 0.8190	A=CD? 0.6102	A=EF? 0.3179	A=GH? 0.5741	HOMO. 0.5873	TREND. 0.6900
1955-58 TOTAL	OBS. 155	54	34	47	8	7	2	2	1			
	EXP.	59.4	43.7	30.2	9.0	6.8	2.7	1.4	2.0			
	OBS./EXP.	0.909	0.779	1.558	0.891	1.037	0.738	1.467	0.511			
	RELATIVE RISK	1.000	0.857	1.714	0.980	1.140	0.812	1.614	0.562			
	TEST PROB.	A=C? 0.0323	A=D? 0.5977	A=E? 0.5212	A=F? 0.6918	A=G? 0.3862	A=H? 0.7746	A=CD? 0.0563	A=EF? 0.5901	A=GH? 0.6624	HOMO. 0.0690	TREND. 0.5509
1959-62 TOTAL	OBS. 195	77	61	23	16	4	2	5	2			
	EXP.	76.5	54.2	37.5	11.1	8.5	3.3	1.5	2.3			
	OBS./EXP.	1.006	1.126	0.746	1.437	0.473	0.609	3.228	0.856			
	RELATIVE RISK	1.000	1.119	0.742	1.429	0.470	0.605	3.209	0.851			
	TEST PROB.	A=C? 0.6588	A=D? 0.1942	A=E? 0.3902	A=F? 0.7797	A=G? 0.0664	A=H? 0.6353	A=CD? 0.6612	A=EF? 0.9117	A=GH? 0.1988	HOMO. 0.0246	TREND. 0.4033
1963-66 TOTAL	OBS. 272	96	77	56	17	13	6	3	4			
	EXP.	103.5	76.8	52.3	16.0	12.5	5.0	2.3	3.5			
	OBS./EXP.	0.928	1.003	1.070	1.061	1.037	1.191	1.317	1.135			
	RELATIVE RISK	1.000	1.081	1.154	1.143	1.118	1.234	1.420	1.224			
	TEST PROB.	A=C? 0.2818	A=D? 0.3533	A=E? 0.4726	A=F? 0.3817	A=G? 0.4590	A=H? 0.4309	A=CD? 0.2487	A=EF? 0.3622	A=GH? 0.3660	HOMO. 0.9850	TREND. 0.2133
1967-70 TOTAL	OBS. 323	127	91	55	24	14	8	3	1			
	EXP.	128.2	87.8	62.1	18.5	14.3	5.6	2.5	3.8			
	OBS./EXP.	0.991	1.036	0.885	1.295	0.977	1.419	1.129	0.261			
	RELATIVE RISK	1.000	1.045	0.893	1.306	0.985	1.432	1.200	0.263			
	TEST PROB.	A=C? 0.6646	A=D? 0.1912	A=E? 0.4529	A=F? 0.1763	A=G? 0.4612	A=H? 0.8496	A=CD? 0.5441	A=EF? 0.2688	A=GH? 0.6775	HOMO. 0.5630	TREND. 0.6439
1971-74 TOTAL	OBS. 369	155	92	72	20	17	9	3	1			
	EXP.	146.9	101.9	72.5	20.1	15.2	6.0	2.6	3.8			
	OBS./EXP.	1.055	0.903	0.993	0.995	1.120	1.507	1.159	0.261			
	RELATIVE RISK	1.000	0.856	0.942	0.943	1.061	1.429	1.099	0.247			
	TEST PROB.	A=C? 0.6341	A=D? 0.5729	A=E? 0.4498	A=F? 0.2819	A=G? 0.4250	A=H? 0.8913	A=CD? 0.6219	A=EF? 0.3084	A=GH? 0.8113	HOMO. 0.6126	TREND. 0.6154
1975-78 TOTAL	OBS. 420	168	120	87	17	13	8	2	5			
	EXP.	170.0	115.0	81.9	22.9	17.2	6.3	2.8	3.9			
	OBS./EXP.	0.948	1.044	1.062	0.743	0.757	1.267	0.713	1.278			
	RELATIVE RISK	1.000	1.056	1.075	0.752	0.766	1.283	0.722	1.294			
	TEST PROB.	A=C? 0.3451	A=D? 0.7777	A=E? 0.7658	A=F? 0.3287	A=G? 0.6522	A=H? 0.3864	A=CD? 0.4792	A=EF? 0.6516	A=GH? 0.4704	HOMO. 0.7649	TREND. 0.5527

TABLE 30-6 CEREBROVASCULAR DISEASE

TABLE 30-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2930	1214	840	568	145	100	28	15	20		
	EXP.	1197.8		824.2	579.2	163.9	90.7	37.0	16.0	21.1		
	OBS./EXP. RELATIVE RISK	1.014	1.000	1.019	0.981	0.884	1.102	0.757	0.938	0.950		
	TEST PROB.	A=C? 0.7207	A=D? 0.2388	A=E? 0.2385	A=F? 0.8521	A=G? 0.5862	A=H? 0.5575	A=CD? 0.8175	A=EF? 0.4724	A=GH? 0.5841	HOMO. 0.5049	TREND. 0.8445
1950-54	OBS. EXP.	413	190	115	75	8	18	2	1	4		
	RELATIVE RISK	1.132	1.000	0.975	0.861	0.926	0.314	1.367	0.404	0.449	1.215	
	TEST PROB.	A=C? 0.8624	A=D? 0.9935	A=E? 0.3379	A=F? 0.8900	A=G? 0.3055	A=H? 0.4272	A=CD? 0.9725	A=EF? 0.5747	A=GH? 0.6661	HOMO. 0.3143	TREND. 0.8536
1955-58	OBS. EXP.	471	187	144	94	21	13	4	3	5		
	RELATIVE RISK	0.976	1.000	1.080	1.010	0.800	0.874	0.676	1.202	1.435		
	TEST PROB.	A=C? 0.4301	A=D? 0.7566	A=E? 0.6301	A=F? 0.7331	A=G? 0.4096	A=H? 0.3447	A=CD? 0.5308	A=EF? 0.6879	A=GH? 0.3143	HOMO. 0.3133	TREND. 0.5282
1959-62	OBS. EXP.	475	194	134	96	20	21	4	3	3		
	RELATIVE RISK	1.002	1.000	1.008	1.025	0.721	1.407	0.677	1.119	0.862		
	TEST PROB.	A=C? 0.4894	A=D? 0.8551	A=E? 0.1989	A=F? 0.7705	A=G? 0.4232	A=H? 0.6419	A=CD? 0.6647	A=EF? 0.3603	A=GH? 0.5671	HOMO. 0.5973	TREND. 0.5702
1963-66	OBS. EXP.	510	187	157	98	42	17	3	3	3		
	RELATIVE RISK	0.905	1.000	1.100	0.962	1.460	1.055	0.424	0.982	0.801		
	TEST PROB.	A=C? 0.3848	A=D? 0.0149	A=E? 0.3337	A=F? 0.8450	A=G? 0.4114	A=H? 0.5589	A=CD? 0.1297	A=EF? 0.5344	A=GH? 0.4442	HOMO. 0.0853	TREND. 0.5714
1967-70	OBS. EXP.	454	178	138	101	18	13	4	2	2		
	RELATIVE RISK	0.945	1.000	1.071	1.125	0.704	0.934	0.625	0.832	0.656		
	TEST PROB.	A=C? 0.2103	A=D? 0.8136	A=E? 0.4605	A=F? 0.7391	A=G? 0.5896	A=H? 0.6907	A=CD? 0.3708	A=EF? 0.5555	A=GH? 0.6695	HOMO. 0.4429	TREND. 0.8949
1971-74	OBS. EXP.	374	177	91	63	24	11	5	1	2		
	RELATIVE RISK	1.127	1.000	0.889	0.853	1.151	1.009	1.019	0.530	0.904		
	TEST PROB.	A=C? 0.9286	A=D? 0.4679	A=E? 0.5986	A=F? 0.5915	A=G? 0.7808	A=H? 0.6506	A=CD? 0.8891	A=EF? 0.6037	A=GH? 0.7574	HOMO. 0.4615	TREND. 0.6693
1975-78	OBS. EXP.	231	101	61	41	12	7	6	2	1		
	RELATIVE RISK	1.383	1.000	0.933	0.872	0.915	1.033	2.099	1.395	0.852		
	TEST PROB.	A=C? 0.8175	A=D? 0.5175	A=E? 0.4545	A=F? 0.0937	A=G? 0.3820	A=H? 0.5452	A=CD? 0.8193	A=EF? 0.1953	A=GH? 0.4079	HOMO. 0.5724	TREND. 0.2260

TABLE 30-7 CEREBROVASCULAR DISEASE

TABLE 30-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2492	971	727	460	121	115	45	24	29		
	EXP.	980.7	700.5	463.3	145.1	110.3	42.8	19.3	30.0			
	OBS./EXP. RELATIVE RISK	0.990 1.000	1.038 1.048	0.993 1.003	0.834 0.842	1.042 1.053	1.051 1.062	1.244 1.257	0.967 0.976			
	TEST PROB.	A=C? 0.4830	A=D? 0.8486	A=E? 0.2873	A=F? 0.3326	A=G? 0.2001	A=H? 0.4745	A=CD? 0.6520	A=EF? 0.2504	A=GH? 0.2818	HOMO. 0.4605	TREND. 0.4166
1950-54	OBS. EXP.	255	110 102.8	75 72.5	46 48.3	6 13.6	15 9.9	0 3.5	0 1.6	3 2.5		
	OBS./EXP. RELATIVE RISK	1.070 1.000	1.034 0.966	0.952 0.989	0.442 0.413	1.511 1.412	0.000 0.000	0.000 0.000	1.063 0.993			
	TEST PROB.	A=C? 0.6828	A=D? 0.9318	A=E? 0.1805	A=F? 0.9291	A=G? 0.3698	A=H? 0.4270	A=CD? 0.8377	A=EF? 0.4367	A=GH? 0.7212	HOMO. 0.0775	TREND. 0.8769
1955-58	OBS. EXP.	331	127 130.4	94 93.7	72 62.4	12 19.0	11 13.9	7 5.4	4 2.4	4 3.9		
	OBS./EXP. RELATIVE RISK	0.974 1.000	1.004 1.031	1.154 1.185	0.631 0.648	0.793 0.814	1.307 1.342	1.674 1.719	1.031 1.053			
	TEST PROB.	A=C? 0.2414	A=D? 0.8598	A=E? 0.7115	A=F? 0.3347	A=G? 0.3527	A=H? 0.4478	A=CD? 0.4026	A=EF? 0.4823	A=GH? 0.4032	HOMO. 0.4924	TREND. 0.3668
1959-62	OBS. EXP.	360	143 142.3	100 100.9	66 66.6	20 21.8	19 15.7	6 5.8	4 2.7	2 4.2		
	OBS./EXP. RELATIVE RISK	1.005 1.000	0.991 0.987	0.991 0.986	0.918 0.914	1.214 1.208	1.028 1.023	1.493 1.486	0.474 0.471			
	TEST PROB.	A=C? 0.6201	A=D? 0.6136	A=E? 0.3477	A=F? 0.5358	A=G? 0.3973	A=H? 0.8274	A=CD? 0.6251	A=EF? 0.3997	A=GH? 0.6372	HOMO. 0.9082	TREND. 0.5957
1963-66	OBS. EXP.	436	152 169.0	139 122.2	74 81.5	30 26.5	23 19.3	7 8.0	5 3.5	6 5.4		
	OBS./EXP. RELATIVE RISK	0.899 1.000	1.138 1.265	0.908 1.010	1.131 1.257	1.161 1.291	0.877 0.976	1.420 1.580	1.104 1.228			
	TEST PROB.	A=C? 0.4538	A=D? 0.1775	A=E? 0.1961	A=F? 0.4471	A=G? 0.2780	A=H? 0.4145	A=CD? 0.3025	A=EF? 0.2365	A=GH? 0.2473	HOMO. 0.4541	TREND. 0.2331
1967-70	OBS. EXP.	416	153 161.6	135 115.6	77 78.0	21 25.3	16 19.4	8 7.9	3 3.2	3 5.1		
	OBS./EXP. RELATIVE RISK	0.947 1.000	1.168 1.234	0.988 1.043	0.832 0.878	0.827 0.873	1.008 1.065	0.940 0.993	0.587 0.620			
	TEST PROB.	A=C? 0.4333	A=D? 0.6681	A=E? 0.6134	A=F? 0.4249	A=G? 0.4311	A=H? 0.7453	A=CD? 0.5189	A=EF? 0.4834	A=GH? 0.6768	HOMO. 0.5354	TREND. 0.2835
1971-74	OBS. EXP.	355	143 140.0	92 97.7	70 66.3	19 20.9	16 16.4	7 6.7	3 2.8	5 4.2		
	OBS./EXP. RELATIVE RISK	1.021 1.000	0.942 0.922	1.056 1.034	0.910 0.891	0.974 0.954	1.050 1.028	1.053 1.031	1.190 1.165			
	TEST PROB.	A=C? 0.4540	A=D? 0.5403	A=E? 0.5331	A=F? 0.4657	A=G? 0.4793	A=H? 0.4347	A=CD? 0.4806	A=EF? 0.4364	A=GH? 0.4467	HOMO. 0.9951	TREND. 0.3778
1975-78	OBS. EXP.	339	143 134.1	92 94.5	55 62.0	13 19.7	15 16.0	10 6.2	5 3.0	6 3.5		
	OBS./EXP. RELATIVE RISK	1.066 1.000	0.973 0.913	0.887 0.832	0.660 0.619	0.937 0.879	1.604 1.509	1.632 1.578	1.736 1.623			
	TEST PROB.	A=C? 0.7854	A=D? 0.8634	A=E? 0.5783	A=F? 0.1446	A=G? 0.2496	A=H? 0.1909	A=CD? 0.3759	A=EF? 0.3285	A=GH? 0.0997	HOMO. 0.2180	TREND. 0.0471

TABLE 30-8 CEREBROVASCULAR DISEASE

TABLE 30-8

HIROSHIMA - NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	2616	1095	716	525	149	72	29	16	14		
TOTAL	EXP.	1070.9	731.2	532.2	142.0	72.8	32.9	15.0	17.0			
	OBS./EXP.	1.022	0.979	0.986	1.050	0.963	0.881	1.070	0.825			
	RELATIVE RISK	1.000	0.958	0.965	1.026	0.942	0.861	1.046	0.807			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7174	0.4077	0.6412	0.7277	0.4720	0.7257	0.6562	0.7318	0.6237	0.9213	0.7849
1950-54	OBS.	254	117	70	44	8	9	2	3	1		
	EXP.	103.7	71.9	51.4	14.1	7.0	3.0	1.4	1.5			
	OBS./EXP.	1.128	0.973	0.855	0.568	1.236	0.678	2.201	0.452			
	RELATIVE RISK	1.000	0.863	0.758	0.504	1.140	0.601	1.951	0.578			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8910	0.9273	0.4711	0.7547	0.3201	0.7047	0.9469	0.5809	0.4404	0.2802	0.5631
1955-58	OBS.	310	118	90	71	18	9	0	1	3		
	EXP.	126.0	87.8	63.5	17.1	8.5	3.7	1.7	1.8			
	OBS./EXP.	0.937	1.025	1.118	1.053	1.059	0.000	0.605	1.694			
	RELATIVE RISK	1.000	1.094	1.193	1.124	1.131	0.000	0.646	1.808			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1889	0.4688	0.4510	0.9368	0.7054	0.3869	0.2045	0.7408	0.4254	0.4997	0.5319
1959-62	OBS.	339	134	106	65	17	9	1	4	3		
	EXP.	139.0	94.5	69.6	18.8	9.2	4.1	1.9	2.0			
	OBS./EXP.	0.964	1.122	0.935	0.902	0.982	0.244	2.097	1.506			
	RELATIVE RISK	1.000	1.164	0.969	0.936	1.019	0.253	2.174	1.562			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5743	0.5745	0.4755	0.8822	0.1964	0.4325	0.5808	0.7316	0.1576	0.3967	0.3425
1963-66	OBS.	390	143	107	89	33	9	5	3	1		
	EXP.	157.2	110.4	80.4	20.2	11.0	5.3	2.3	2.5			
	OBS./EXP.	0.910	0.969	1.106	1.534	0.815	0.950	1.280	0.404			
	RELATIVE RISK	1.000	1.065	1.216	1.741	0.895	1.044	1.406	0.444			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1818	0.0158	0.5468	0.4429	0.4610	0.7757	0.0549	0.6286	0.5379	0.1355	0.5621
1967-70	OBS.	420	174	111	90	25	12	5	3	0		
	EXP.	176.3	115.6	84.0	22.0	11.4	5.3	2.3	2.6			
	OBS./EXP.	0.984	0.960	1.071	1.135	1.051	0.939	1.285	0.000			
	RELATIVE RISK	1.000	0.975	1.088	1.153	1.068	0.954	1.305	0.000			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3825	0.3526	0.4458	0.4498	0.4220	0.9017	0.3708	0.4195	0.7381	0.7918	0.7981
1971-74	OBS.	470	223	115	78	29	13	8	2	2		
	EXP.	194.4	130.9	94.3	24.4	13.8	6.2	2.5	3.0			
	OBS./EXP.	1.147	0.878	0.327	1.167	0.945	1.294	0.737	0.669			
	RELATIVE RISK	1.000	0.766	0.721	1.018	0.824	1.128	0.687	0.583			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9712	0.4796	0.7218	0.4463	0.7328	0.7788	0.9435	0.6379	0.8105	0.1304	0.6726
1975-78	OBS.	433	186	117	88	19	11	8	0	4		
	EXP.	176.5	120.8	87.9	23.0	13.4	5.6	2.6	3.2			
	OBS./EXP.	1.054	0.968	1.001	0.825	0.822	1.434	0.000	1.261			
	RELATIVE RISK	1.000	0.919	0.950	0.783	0.781	1.361	0.000	1.197			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6194	0.7474	0.7000	0.3301	0.9113	0.4342	0.6263	0.5726	0.7390	0.5752	0.6323

TABLE 30-9 CEREBROVASCULAR DISEASE

TABLE 30-9

		HIROSHIMA, MALE + FEMALE, ALL AGES										
		T-65 TOTAL DOSE IN RAD										
YEAR	CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	4016	1863	1022	724	199	117	39	22	30		
TOTAL	EXP.	1827.9	1027.9	753.1	201.8	116.7	41.6	19.3	27.6			
	OBS./EXP.	1.019	0.994	0.961	0.986	1.002	0.937	1.141	1.086			
	RELATIVE RISK	1.000	0.975	0.943	0.967	0.984	0.919	1.119	1.065			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8323	0.6315	0.5557	0.6629	0.3899	0.4353	0.8293	0.6225	0.3578	0.9156	0.3918
1950-54	OBS.	411	211	107	63	11	15	0	2	2		
	EXP.	187.5	106.5	75.9	20.7	11.7	4.0	1.9	2.8			
	OBS./EXP.	1.126	1.004	0.830	0.532	1.285	0.000	1.034	0.706			
	RELATIVE RISK	1.000	0.892	0.737	0.473	1.141	0.000	0.919	0.627			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9399	0.9667	0.4085	0.9516	0.5858	0.7367	0.9808	0.6929	0.7049	0.0367	0.9266
1955-58	OBS.	502	216	126	111	22	13	7	2	5		
	EXP.	228.8	129.2	93.5	25.5	14.2	5.0	2.3	3.3			
	OBS./EXP.	0.944	0.975	1.187	0.863	0.914	1.393	0.853	1.522			
	RELATIVE RISK	1.000	1.033	1.257	0.914	0.968	1.476	0.903	1.613			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0897	0.6369	0.5574	0.2980	0.5959	0.3000	0.1495	0.4286	0.3709	0.4910	0.1716
1959-62	OBS.	557	248	155	94	31	17	2	6	4		
	EXP.	252.9	142.5	104.0	29.2	16.2	5.7	2.7	3.7			
	OBS./EXP.	0.980	1.088	0.904	1.042	1.048	0.350	2.208	1.087			
	RELATIVE RISK	1.000	1.109	0.922	1.083	1.069	0.357	2.252	1.108			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6993	0.4161	0.4852	0.8889	0.1137	0.4266	0.6259	0.6752	0.1867	0.2664	0.3365
1963-66	OBS.	624	263	163	118	49	17	5	5	4		
	EXP.	284.7	158.5	117.3	31.3	18.2	6.9	2.9	4.2			
	OBS./EXP.	0.924	1.029	1.006	1.567	0.932	0.729	1.714	0.943			
	RELATIVE RISK	1.000	1.113	1.089	1.697	1.008	0.789	1.855	1.020			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3045	0.0034	0.4910	0.6876	0.2248	0.4625	0.0822	0.6008	0.3111	0.0485	0.2192
1967-70	OBS.	650	295	177	117	25	21	10	3	2		
	EXP.	298.3	164.0	122.4	32.4	18.6	7.0	2.9	4.5			
	OBS./EXP.	0.989	1.079	0.956	0.772	1.131	1.420	1.034	0.448			
	RELATIVE RISK	1.000	1.091	0.967	0.780	1.144	1.436	1.045	0.453			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5987	0.8091	0.3762	0.2510	0.4324	0.8323	0.7076	0.2494	0.7562	0.5386	0.7198
1971-74	OBS.	653	325	145	112	37	21	8	1	4		
	EXP.	298.3	165.6	124.7	32.0	18.3	6.8	2.9	4.3			
	OBS./EXP.	1.089	0.876	0.898	1.155	1.145	1.171	0.341	0.934			
	RELATIVE RISK	1.000	0.804	0.825	1.060	1.051	1.075	0.313	0.857			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.9022	0.4361	0.4600	0.4476	0.8564	0.6268	0.8442	0.4345	0.7988	0.2506	0.5920
1975-78	OBS.	619	305	149	109	24	13	7	3	9		
	EXP.	277.8	160.2	118.8	30.5	18.4	6.2	3.0	3.9			
	OBS./EXP.	1.098	0.930	0.917	0.786	0.706	1.134	0.985	2.286			
	RELATIVE RISK	1.000	0.847	0.836	0.716	0.644	1.033	0.898	2.082			
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8808	0.8850	0.8801	0.4552	0.6210	0.0992	0.9293	0.8355	0.1874	0.0502	0.1063

TABLE 30-10 CEREBROVASCULAR DISEASE

TABLE 30-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1092	203	421	261	71	70	35	18	13		
	EXP.		223.7	403.8	242.5	85.2	68.4	34.1	15.0	19.3		
	OBS./EXP.		0.907	1.043	1.076	0.833	1.024	1.026	1.204	0.673		
	RELATIVE RISK		1.000	1.149	1.186	0.918	1.128	1.131	1.327	0.741		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1218	0.6983	0.2879	0.3533	0.2457	0.7931	0.2305	0.2595	0.5218	0.2258	0.7760
1950-54	OBS.	98	16	38	27	3	9	2	1	2		
	EXP.		19.0	37.9	23.8	7.0	5.2	2.5	1.0	1.5		
	OBS./EXP.		0.840	1.003	1.133	0.430	1.715	0.811	0.971	1.314		
	RELATIVE RISK		1.000	1.193	1.349	0.512	2.040	0.965	1.155	1.563		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.3015	0.8391	0.1405	0.5355	0.3871	0.3975	0.4408	0.2044	0.4398	0.5235	0.2825
1955-58	OBS.	139	29	58	32	8	7	0	3	2		
	EXP.		27.6	52.2	32.4	10.6	8.1	4.0	1.7	2.4		
	OBS./EXP.		1.052	1.111	0.988	0.754	0.859	0.000	1.769	0.844		
	RELATIVE RISK		1.000	1.056	0.939	0.717	0.817	0.000	1.682	0.803		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5804	0.7682	0.6729	0.9486	0.4229	0.6597	0.6694	0.8720	0.4286	0.4668	0.8622
1959-62	OBS.	142	29	51	37	6	11	5	2	1		
	EXP.		25.4	52.8	32.2	11.4	8.6	4.2	1.9	2.5		
	OBS./EXP.		1.022	0.966	1.151	0.524	1.280	1.184	1.069	0.395		
	RELATIVE RISK		1.000	0.945	1.126	0.513	1.253	1.159	1.046	0.386		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4008	0.9244	0.3818	0.4411	0.4262	0.8184	0.5729	0.3621	0.7349	0.6341	0.6441
1963-66	OBS.	202	32	83	45	14	15	7	3	3		
	EXP.		41.5	74.2	44.6	16.1	12.6	6.4	2.9	3.7		
	OBS./EXP.		0.771	1.119	1.009	0.869	1.190	1.097	1.018	0.819		
	RELATIVE RISK		1.000	1.452	1.309	1.128	1.544	1.423	1.321	1.063		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2663	0.4684	0.1938	0.3403	0.4093	0.4390	0.2858	0.1714	0.4408	0.7503	0.4699
1967-70	OBS.	186	32	69	50	21	7	3	3	1		
	EXP.		40.1	67.2	39.6	14.9	12.2	6.2	2.6	3.2		
	OBS./EXP.		0.798	1.027	1.263	1.411	0.574	0.483	1.143	0.313		
	RELATIVE RISK		1.000	1.286	1.581	1.767	0.718	0.605	1.432	0.392		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.0968	0.0884	0.7678	0.7860	0.4207	0.8050	0.0631	0.8203	0.6251	0.0790	0.9507
1971-74	OBS.	172	41	62	36	11	8	7	4	3		
	EXP.		36.1	63.1	35.9	13.7	11.8	6.0	2.5	2.9		
	OBS./EXP.		1.136	0.983	1.002	0.805	0.676	1.163	1.626	1.032		
	RELATIVE RISK		1.000	0.866	0.882	0.708	0.595	1.024	1.432	0.909		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.6761	0.2023	0.3590	0.4664	0.4342	0.5999	0.7611	0.7872	0.4478	0.8201	0.4798
1975-78	OBS.	153	24	60	34	8	13	11	2	1		
	EXP.		32.8	55.1	31.1	12.2	11.0	5.6	2.5	2.7		
	OBS./EXP.		0.731	1.089	1.094	0.655	1.185	1.957	0.802	0.372		
	RELATIVE RISK		1.000	1.489	1.496	0.896	1.620	2.676	1.097	0.508		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.1780	0.6208	0.1836	0.0354	0.4400	0.7683	0.2560	0.0558	0.6804	0.1215	0.3863

TABLE 30-11 CEREBROVASCULAR DISEASE

TABLE 30-11

HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	1895	851	508	327	84	71	23	11	20		
TOTAL	EXP.		841.7	504.7	339.4	93.9	66.7	21.6	9.9	17.2		
	OBS./EXP.		1.011	1.007	0.964	0.895	1.064	1.066	1.107	1.165		
	RELATIVE RISK		1.000	0.996	0.953	0.885	1.053	1.054	1.095	1.152		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7076	0.7863	0.4012	0.4748	0.4774	0.3649	0.7787	0.3826	0.3454	0.9196	0.2524
1950-54	OBS.	206	103	55	32	5	10	0	0	1		
	EXP.		91.9	55.4	36.6	9.9	7.1	2.2	1.0	1.9		
	OBS./EXP.		1.121	0.993	0.874	0.506	1.407	0.000	0.000	0.536		
	RELATIVE RISK		1.000	0.886	0.780	0.452	1.255	0.000	0.000	0.478		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8269	0.9147	0.3680	0.9070	0.8530	0.7701	0.9085	0.5653	0.8569	0.2373	0.9412
1955-58	OBS.	254	109	64	52	10	8	7	1	3		
	EXP.		113.0	67.8	45.4	12.6	8.8	2.9	1.3	2.3		
	OBS./EXP.		0.965	0.945	1.146	0.791	0.914	2.415	0.747	1.331		
	RELATIVE RISK		1.000	0.979	1.188	0.820	0.947	2.503	0.774	1.330		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.2534	0.6999	0.5781	0.0666	0.5514	0.4238	0.3456	0.2640	0.4234	0.3198	0.1337
1959-62	OBS.	280	123	78	44	17	12	1	3	2		
	EXP.		124.1	74.4	49.8	14.7	10.0	3.2	1.5	2.4		
	OBS./EXP.		0.991	1.049	0.884	1.157	1.202	0.315	2.003	0.829		
	RELATIVE RISK		1.000	1.058	0.892	1.168	1.212	0.318	2.020	0.936		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.7015	0.3774	0.3739	0.8502	0.3032	0.6267	0.6041	0.4949	0.4457	0.6895	0.4855
1963-66	OBS.	321	132	90	55	22	14	3	2	3		
	EXP.		142.2	84.6	57.9	16.6	11.4	3.8	1.6	2.8		
	OBS./EXP.		0.928	1.063	0.950	1.323	1.228	0.779	1.260	1.059		
	RELATIVE RISK		1.000	1.145	1.024	1.425	1.322	0.840	1.358	1.140		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4900	0.1577	0.2842	0.6349	0.3837	0.4160	0.3126	0.3511	0.4554	0.7905	0.2959
1967-70	OBS.	303	131	92	52	9	11	5	1	2		
	EXP.		134.4	79.4	55.1	15.7	10.6	3.6	1.5	2.9		
	OBS./EXP.		0.975	1.159	0.944	0.573	1.042	1.392	0.682	0.700		
	RELATIVE RISK		1.000	1.189	0.959	0.587	1.069	1.428	0.699	0.718		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.5758	0.8785	0.4547	0.3711	0.6709	0.6949	0.7302	0.4030	0.7116	0.5124	0.7280
1971-74	OBS.	270	123	64	52	14	10	3	1	3		
	EXP.		119.8	71.0	49.7	13.3	9.1	3.1	1.4	2.5		
	OBS./EXP.		1.026	0.901	1.046	1.051	1.102	0.977	0.694	1.193		
	RELATIVE RISK		1.000	0.878	1.020	1.024	1.074	0.952	0.676	1.162		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.4806	0.4668	0.4649	0.5710	0.7002	0.4139	0.4917	0.4599	0.5587	0.9892	0.4029
1975-78	OBS.	261	130	65	40	7	6	4	3	6		
	EXP.		114.7	70.7	47.8	12.4	9.3	2.7	1.4	2.0		
	OBS./EXP.		1.133	0.919	0.838	0.566	0.647	1.475	2.073	3.005		
	RELATIVE RISK		1.000	0.811	0.739	0.499	0.571	1.302	1.830	2.652		
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
	PROB.	0.8948	0.9217	0.3523	0.4521	0.3713	0.0698	0.9478	0.7681	0.0595	0.0127	0.0138

TABLE 30-12 CEREBROVASCULAR DISEASE

TABLE 30-12

HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2121	1012	514	397	115	46	16	11	10		
	EXP.		986.2	523.3	413.7	108.0	50.0	20.0	9.4	10.5		
	OBS./EXP. RELATIVE RISK		1.026 1.000	0.982 0.957	0.960 0.935	1.065 1.038	0.920 0.896	0.798 0.778	1.176 1.146	0.956 0.931		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.7954	0.4078	0.7107	0.7842	0.4344	0.5998	0.7262	0.8003	0.4690	0.3398	0.6409
1950-54	OBS. TOTAL	205	108	52	31	6	5	0	2	1		
	EXP.		95.5	51.2	39.3	10.8	4.6	1.8	0.9	1.0		
	OBS./EXP. RELATIVE RISK		1.130 1.000	1.017 0.899	0.789 0.698	0.556 0.491	1.095 0.968	0.000 0.000	2.254 2.003	1.034 0.915		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.9059	0.9084	0.5514	0.8913	0.4698	0.5824	0.9508	0.7524	0.4393	0.2670	0.6326
1955-58	OBS. TOTAL	248	107	62	59	12	5	0	1	2		
	EXP.		115.8	61.5	48.2	12.9	5.5	2.1	1.0	1.0		
	OBS./EXP. RELATIVE RISK		0.924 1.000	1.008 1.092	1.225 1.326	0.933 1.010	0.914 0.990	0.000 0.000	0.993 1.075	1.941 2.101		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.1221	0.4706	0.4729	0.8887	0.4176	0.4124	0.1581	0.7334	0.4093	0.5048	0.3762
1959-62	OBS. TOTAL	277	125	77	50	14	5	1	3	2		
	EXP.		128.3	68.2	54.2	14.5	6.2	2.5	1.2	1.3		
	OBS./EXP. RELATIVE RISK		0.970 1.000	1.129 1.164	0.922 0.950	0.966 0.995	0.801 0.826	0.393 0.405	2.461 2.537	1.378 1.627		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.6053	0.5228	0.6636	0.8060	0.2165	0.3912	0.5935	0.7639	0.1847	0.5557	0.2689
1963-66	OBS. TOTAL	303	131	73	63	27	3	2	3	1		
	EXP.		142.5	73.8	59.4	14.6	6.8	3.0	1.3	1.4		
	OBS./EXP. RELATIVE RISK		0.919 1.000	0.989 1.076	1.060 1.153	1.845 2.007	0.438 0.477	0.564 0.722	2.254 2.452	0.709 0.772		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.2716	0.0106	0.8523	0.6895	0.2291	0.6488	0.0790	0.8523	0.3595	0.0208	0.3503
1967-70	OBS. TOTAL	347	164	85	65	16	10	5	2	0		
	EXP.		163.9	84.6	67.3	16.7	8.0	3.5	1.4	1.6		
	OBS./EXP. RELATIVE RISK		1.001 1.000	1.004 1.004	0.966 0.965	0.959 0.959	1.248 1.248	1.449 1.448	1.394 1.393	0.000 0.000		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.5816	0.5718	0.3630	0.3652	0.3836	0.8735	0.5904	0.2748	0.7173	0.8696	0.6259
1971-74	OBS. TOTAL	383	202	81	60	23	11	5	0	1		
	EXP.		178.5	94.5	75.0	18.7	9.3	3.8	1.5	1.8		
	OBS./EXP. RELATIVE RISK		1.132 1.000	0.857 0.757	0.800 0.797	1.228 1.085	1.187 1.049	1.329 1.174	0.000 0.000	0.566 0.500		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.9596	0.4332	0.4555	0.4372	0.3788	0.7601	0.9179	0.4754	0.8773	0.1087	0.7387
1975-78	OBS. TOTAL	358	175	84	69	17	7	3	0	3		
	EXP.		163.1	89.5	71.1	18.2	9.1	3.5	1.6	1.9		
	OBS./EXP. RELATIVE RISK		1.073 1.000	0.938 0.874	0.971 0.905	0.937 0.873	0.767 0.715	0.866 0.807	0.000 0.000	1.546 1.441		
	TEST PROB.	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?	HOMO.	TREND.
		0.7062	0.6772	0.7644	0.6577	0.8808	0.4282	0.7315	0.7706	0.6806	0.7648	0.6694

TABLE 30-13 CEREBROVASCULAR DISEASE

TABLE 30-13

NAGASAKI, MALE, ALL AGES

YEAR CLASS	T-65 TOTAL DOSE IN RAD									
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H	
1950-78	OBS. TOTAL	597	120	219	133	37	44	22	13	9
	EXP.	139.0	195.8	124.0	51.2	43.6	21.2	9.4	12.8	
	OBS./EXP.	0.863	1.118	1.073	0.723	1.009	1.037	1.390	0.702	
	RELATIVE RISK	1.000	1.295	1.243	0.837	1.169	1.201	1.610	0.813	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.1282	0.7701	0.2901	0.3254	0.1520	0.7010	0.2691	0.2477	0.3722
										HOMO. TREND, 0.0791 0.7135
1950-54	OBS. TOTAL	49	7	20	14	1	5	0	0	2
	EXP.	10.9	17.1	11.7	3.7	2.8	1.3	0.6	1.0	
	OBS./EXP.	0.645	1.167	1.197	0.270	1.774	0.000	0.000	2.091	
	RELATIVE RISK	1.000	1.810	1.857	0.419	2.751	0.000	0.000	3.242	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.2131	0.7946	0.1495	0.8368	0.7966	0.2923	0.3215	0.2915	0.4419
										HOMO. TREND, 0.2509 0.4056
1955-58	OBS. TOTAL	77	18	30	20	2	3	0	3	1
	EXP.	17.4	25.9	17.0	6.4	5.1	2.5	1.1	1.6	
	OBS./EXP.	1.032	1.158	1.174	0.314	0.586	0.000	2.855	0.614	
	RELATIVE RISK	1.000	1.122	1.137	0.304	0.568	0.000	2.766	0.595	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4767	0.9157	0.7953	0.9121	0.2210	0.7267	0.6299	0.9016	0.4719
										HOMO. TREND, 0.1178 0.8363
1959-62	OBS. TOTAL	80	20	22	22	3	7	5	1	0
	EXP.	18.2	26.5	16.8	7.1	5.7	2.7	1.2	1.8	
	OBS./EXP.	1.097	0.830	1.308	0.422	1.235	1.877	0.847	0.000	
	RELATIVE RISK	1.000	0.757	1.193	0.385	1.126	1.712	0.772	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4280	0.9026	0.4391	0.2695	0.6396	0.8959	0.6057	0.3376	0.3587
										HOMO. TREND, 0.2377 0.6235
1963-66	OBS. TOTAL	115	20	49	19	8	9	4	3	3
	EXP.	26.9	37.5	23.6	9.9	8.4	4.1	1.9	2.6	
	OBS./EXP.	0.744	1.306	0.804	0.807	1.071	0.968	1.552	1.154	
	RELATIVE RISK	1.000	1.754	1.080	1.085	1.439	1.301	2.084	1.550	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4624	0.4401	0.3137	0.4377	0.3175	0.4563	0.4704	0.2977	0.2551
										HOMO. TREND, 0.3918 0.3742
1967-70	OBS. TOTAL	113	22	43	25	12	5	3	2	1
	EXP.	27.2	36.2	22.9	9.5	8.8	4.3	1.7	2.3	
	OBS./EXP.	0.808	1.187	1.092	1.258	0.568	0.691	1.160	0.444	
	RELATIVE RISK	1.000	1.468	1.351	1.556	0.703	0.855	1.635	0.549	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.2703	0.2318	0.7426	0.6345	0.3802	0.7326	0.2025	0.7297	0.5552
										HOMO. TREND, 0.5348 0.8921
1971-74	OBS. TOTAL	85	20	28	18	5	6	4	2	2
	EXP.	20.2	26.6	16.6	7.6	7.4	3.6	1.4	1.7	
	OBS./EXP.	0.992	1.051	1.085	0.662	0.816	1.112	1.421	1.187	
	RELATIVE RISK	1.000	1.059	1.094	0.668	0.823	1.121	1.433	1.197	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.4744	0.7703	0.6730	0.4295	0.3805	0.3992	0.5764	0.6082	0.4265
										HOMO. TREND, 0.9752 0.4469
1975-78	OBS. TOTAL	78	13	27	15	6	9	6	2	0
	EXP.	19.4	23.8	14.2	7.3	6.7	3.5	1.5	1.5	
	OBS./EXP.	0.670	1.134	1.054	0.817	1.337	1.712	1.311	0.000	
	RELATIVE RISK	1.000	1.693	1.573	1.220	1.996	2.555	1.956	0.000	
	TEST	A=C?	A=D?	A=E?	A=F?	A=G?	A=H?	A=CD?	A=EF?	A=GH?
	PROB.	0.2317	0.4388	0.1654	0.1221	0.4069	0.8472	0.2551	0.0872	0.5440
										HOMO. TREND, 0.4188 0.4840

TABLE 30-14 CEREBROVASCULAR DISEASE

TABLE 30-14

NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	Y-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-73	OBS. TOTAL	495	83	202	128	34	26	13	5	4		
	EXP.		84.7	208.0	118.5	34.0	24.8	12.9	5.6	6.5		
	OBS./EXP. RELATIVE RISK		0.980 1.000	0.971 0.992	1.080 1.103	0.999 1.020	1.050 1.072	1.009 1.030	0.893 0.911	0.615 0.628		
	TEST PROB.	A=C? 0.3330	A=D? 0.4720	A=E? 0.4637	A=F? 0.4662	A=G? 0.6131	A=H? 0.7836	A=CD? 0.3572	A=EF? 0.4657	A=GH? 0.7521	HOMO, 0.9556	TREND, 0.7347
1950-54	OBS. TOTAL	49	9	18	13	2	4	2	1	0		
	EXP.		8.2	20.8	12.1	3.3	2.4	1.2	0.5	0.6		
	OBS./EXP. RELATIVE RISK		1.100 1.000	0.867 0.789	1.072 0.974	0.611 0.555	1.646 1.497	1.701 1.547	2.085 1.896	0.000 0.000		
	TEST PROB.	A=C? 0.5574	A=D? 0.7854	A=E? 0.4524	A=F? 0.3798	A=G? 0.3096	A=H? 0.8125	A=CD? 0.6351	A=EF? 0.3667	A=GH? 0.5685	HOMO, 0.8079	TREND, 0.3534
1955-58	OBS. TOTAL	62	11	23	12	6	4	0	0	1		
	EXP.		10.1	24.3	15.4	4.2	3.0	1.5	0.6	0.7		
	OBS./EXP. RELATIVE RISK		1.086 1.000	1.063 0.979	0.781 0.719	1.418 1.305	1.321 1.216	0.000 0.000	0.000 0.000	1.350 1.243		
	TEST PROB.	A=C? 0.7484	A=D? 0.4804	A=E? 0.4159	A=F? 0.8822	A=G? 0.8260	A=H? 0.3892	A=CD? 0.6526	A=EF? 0.6493	A=GH? 0.7011	HOMO, 0.7490	TREND, 0.6728
1959-62	OBS. TOTAL	62	9	29	15	3	4	0	1	1		
	EXP.		10.1	26.3	15.3	4.3	2.9	1.6	0.7	0.7		
	OBS./EXP. RELATIVE RISK		0.888 1.000	1.103 1.242	0.978 1.102	0.690 0.778	1.367 1.540	0.000 0.000	1.451 1.634	1.380 1.554		
	TEST PROB.	A=C? 0.4412	A=D? 0.6642	A=E? 0.4479	A=F? 0.8698	A=G? 0.3266	A=H? 0.3327	A=CD? 0.4571	A=EF? 0.5031	A=GH? 0.3798	HOMO, 0.8801	TREND, 0.5298
1963-66	OBS. TOTAL	87	12	34	26	6	6	3	0	0		
	EXP.		14.7	36.6	21.0	6.2	4.2	2.3	1.0	1.1		
	OBS./EXP. RELATIVE RISK		0.819 1.000	0.928 1.133	1.239 1.512	0.968 1.182	1.427 1.743	1.333 1.628	0.000 0.000	0.000 0.000		
	TEST PROB.	A=C? 0.2398	A=D? 0.4308	A=E? 0.2983	A=F? 0.4717	A=G? 0.8378	A=H? 0.8397	A=CD? 0.2621	A=EF? 0.2559	A=GH? 0.8858	HOMO, 0.6567	TREND, 0.6762
1967-70	OBS. TOTAL	73	10	26	25	9	2	0	1	0		
	EXP.		12.9	31.0	16.7	5.3	3.4	1.9	0.9	0.9		
	OBS./EXP. RELATIVE RISK		0.778 1.000	0.839 1.079	1.496 1.923	1.684 2.165	0.588 0.756	0.000 0.000	1.111 1.428	0.000 0.000		
	TEST PROB.	A=C? 0.1259	A=D? 0.1459	A=E? 0.7001	A=F? 0.8795	A=G? 0.3663	A=H? 0.8280	A=CD? 0.1025	A=EF? 0.8261	A=GH? 0.6908	HOMO, 0.1134	TREND, 0.8886
1971-74	OBS. TOTAL	87	21	34	18	6	2	3	2	1		
	EXP.		15.9	36.4	19.3	6.1	4.5	2.4	1.1	1.2		
	OBS./EXP. RELATIVE RISK		1.318 1.000	0.933 0.708	0.931 0.706	0.980 0.744	0.446 0.338	1.239 0.940	1.900 1.642	0.819 0.622		
	TEST PROB.	A=C? 0.2032	A=D? 0.7242	A=E? 0.8972	A=F? 0.5777	A=G? 0.3802	A=H? 0.7138	A=CD? 0.8130	A=EF? 0.8422	A=GH? 0.4803	HOMO, 0.7406	TREND, 0.5576
1975-78	OBS. TOTAL	75	11	33	19	2	4	5	0	1		
	EXP.		13.4	31.3	16.8	4.9	4.2	2.1	1.0	1.2		
	OBS./EXP. RELATIVE RISK		0.819 1.000	1.054 1.267	1.128 1.376	0.410 0.501	0.942 1.150	2.362 2.883	0.000 0.000	0.812 0.992		
	TEST PROB.	A=C? 0.3375	A=D? 0.8016	A=E? 0.4140	A=F? 0.1331	A=G? 0.8368	A=H? 0.5647	A=CD? 0.4649	A=EF? 0.2543	A=GH? 0.7472	HOMO, 0.3750	TREND, 0.3852

TABLE 31-1 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

T=65 TOTAL DOSE IN RAD

YEAR CLASS	T=65 TOTAL DOSE IN RAD										
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78 OBS. TOTAL	3724	1518 1496.5	1013 1050.8	721 725.4	234 206.0	126 132.3	51 54.2	29 24.5	32 33.4		
OBS./EXP. RELATIVE RISK		1.014 1.000	0.964 1.000	0.993 0.999	1.136 1.143	0.953 0.959	0.940 0.946	1.186 1.194	0.958 0.964		
TEST PROB.	AB=C? 0.4940	AB=D? 0.0851	AB=E? 0.6394	AB=F? 0.6275	AB=G? 0.2674	AB=H? 0.5751	AB=CD? 0.2881	AB=E-H? 0.5752	AB=FGH? 0.4870	HOMO, 0.4283	TREND, 0.4406
1950-54 OBS. TOTAL	276	112 104.7	73 82.1	50 54.6	18 15.3	13 10.4	4 4.3	1 1.9	5 2.7		
OBS./EXP. RELATIVE RISK		1.070 1.000	0.890 1.000	0.916 0.925	1.173 1.184	1.249 1.261	0.929 0.938	0.522 0.527	1.826 1.843		
TEST PROB.	AB=C? 0.6377	AB=D? 0.3358	AB=E? 0.3019	AB=F? 0.5433	AB=G? 0.7379	AB=H? 0.2160	AB=CD? 0.5389	AB=E-H? 0.2842	AB=FGH? 0.4311	HOMO, 0.6120	TREND, 0.1636
1955-58 OBS. TOTAL	372	163 150.0	104 105.7	57 72.5	25 20.5	13 12.7	8 5.0	1 2.3	1 3.2		
OBS./EXP. RELATIVE RISK		1.086 1.000	0.984 1.000	0.786 0.753	1.219 1.167	1.025 0.982	1.585 1.518	0.441 0.422	0.315 0.302		
TEST PROB.	AB=C? 0.9178	AB=D? 0.3350	AB=E? 0.5135	AB=F? 0.2417	AB=G? 0.7925	AB=H? 0.8577	AB=CD? 0.8381	AB=E-H? 0.5656	AB=FGH? 0.5950	HOMO, 0.2185	TREND, 0.7584
1959-62 OBS. TOTAL	414	159 164.9	121 117.6	78 80.9	32 23.8	13 14.6	3 5.9	2 2.7	6 3.7		
OBS./EXP. RELATIVE RISK		0.964 1.000	1.029 1.000	0.965 0.973	1.342 1.354	0.891 0.899	0.511 0.515	0.728 0.734	1.628 1.642		
TEST PROB.	AB=C? 0.5666	AB=D? 0.1397	AB=E? 0.6101	AB=F? 0.8239	AB=G? 0.6729	AB=H? 0.2352	AB=CD? 0.3761	AB=E-H? 0.6113	AB=FGH? 0.5910	HOMO, 0.4835	TREND, 0.3613
1963-66 OBS. TOTAL	527	204 214.8	150 146.3	108 103.0	36 29.0	17 18.3	6 7.7	5 3.4	1 4.6		
OBS./EXP. RELATIVE RISK		0.950 1.000	1.026 1.000	1.049 1.069	1.240 1.265	0.927 0.945	0.780 0.795	1.485 1.515	0.219 0.223		
TEST PROB.	AB=C? 0.3474	AB=D? 0.1751	AB=E? 0.6020	AB=F? 0.6956	AB=G? 0.3248	AB=H? 0.9100	AB=CD? 0.2276	AB=E-H? 0.7207	AB=FGH? 0.7482	HOMO, 0.4608	TREND, 0.8223
1967-70 OBS. TOTAL	632	259 259.0	165 175.3	133 122.2	28 34.7	24 21.9	10 9.5	7 4.0	6 5.5		
OBS./EXP. RELATIVE RISK		1.000 1.000	0.941 1.000	1.089 1.115	0.906 0.826	1.095 1.122	1.054 1.080	1.767 1.809	1.088 1.114		
TEST PROB.	AB=C? 0.2350	AB=D? 0.7762	AB=E? 0.4001	AB=F? 0.4535	AB=G? 0.1778	AB=H? 0.4395	AB=CD? 0.3706	AB=E-H? 0.2492	AB=FGH? 0.2716	HOMO, 0.5953	TREND, 0.1786
1971-74 OBS. TOTAL	705	286 282.3	193 193.0	129 137.7	48 39.4	25 25.9	12 11.1	5 4.6	7 6.1		
OBS./EXP. RELATIVE RISK		1.013 1.000	0.975 1.000	0.937 0.939	1.220 1.223	0.965 0.968	1.081 1.083	1.079 1.082	1.153 1.156		
TEST PROB.	AB=C? 0.6826	AB=D? 0.2010	AB=E? 0.5959	AB=F? 0.4574	AB=G? 0.4418	AB=H? 0.4558	AB=CD? 0.4012	AB=E-H? 0.4790	AB=FGH? 0.4373	HOMO, 0.8897	TREND, 0.2767
1975-78 OBS. TOTAL	798	335 321.6	207 224.8	166 156.7	47 43.5	21 28.4	8 11.2	8 5.4	6 6.4		
OBS./EXP. RELATIVE RISK		1.042 1.000	0.921 1.000	1.059 1.068	1.081 1.090	0.740 0.746	0.713 0.719	1.492 1.504	0.939 0.947		
TEST PROB.	AB=C? 0.3135	AB=D? 0.3689	AB=E? 0.8423	AB=F? 0.7731	AB=G? 0.2598	AB=H? 0.5695	AB=CD? 0.2822	AB=E-H? 0.7862	AB=FGH? 0.5553	HOMO, 0.4041	TREND, 0.6661

TABLE 31-2 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR CLASS	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	43	23	8	7	5	0	0	0	0		
	EXP.		15.6	13.6	9.1	2.2	1.2	0.6	0.3	0.4		
	OBS./EXP. RELATIVE RISK		1.472 1.000	0.590	0.769 0.724	2.297 2.163	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.7324	0.1855	0.8535	0.8160	0.7865	0.7989	0.5227	0.9067	0.8574	0.0726	0.8974
1950-54	OBS. EXP.	8	5 2.7	1 2.6	0 1.7	2 0.4	0 0.2	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.861 1.000	0.381	0.000 0.000	4.664 4.129	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.8961	0.2448	0.7896	0.7772	0.7674	0.7720	0.6446	0.8168	0.7934	0.1272	0.6728
1955-58	OBS. EXP.	6	2 1.7	2 2.1	0 1.4	2 0.3	0 0.2	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.148 1.000	0.951	0.000 0.000	5.816 5.589	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.8774	0.1839	0.7957	0.7753	0.7644	0.7704	0.4138	0.8104	0.7296	0.1930	0.5374
1959-62	OBS. EXP.	4	3 1.9	0 1.1	1 0.7	0 0.2	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.596 1.000	0.000	1.361 1.338	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3611	0.7829	0.7715	0.7654	0.7626	0.7632	0.4179	0.7810	0.7705	0.9512	0.6391
1963-66	OBS. EXP.	4	1 1.6	2 1.2	1 0.8	0 0.2	0 0.1	0 0.0	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		0.619 1.000	1.679	1.242 1.162	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3981	0.7829	0.7715	0.7653	0.7626	0.7632	0.5740	0.7808	0.7703	0.9902	0.6677
1967-70	OBS. EXP.	8	5 3.0	1 2.5	2 1.7	0 0.4	0 0.2	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.692 1.000	0.400	1.186 1.079	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.4311	0.8135	0.7939	0.7794	0.7686	0.7737	0.6154	0.8240	0.7979	0.8402	0.5003
1971-74	OBS. EXP.	7	2 2.2	2 2.4	2 1.6	1 0.4	0 0.2	0 0.1	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		0.911 1.000	0.846	1.269 1.447	2.634 3.002	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.3588	0.2773	0.7800	0.7705	0.7647	0.7674	0.4262	0.7980	0.7810	0.9751	0.6192
1975-78	OBS. EXP.	6	5 2.6	0 1.7	1 1.2	0 0.3	0 0.1	0 0.1	0 0.0	0 0.0		
	OBS./EXP. RELATIVE RISK		1.957 1.000	0.000	0.840 0.717	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6744	0.7933	0.7765	0.7675	0.7635	0.7645	0.7270	0.7894	0.7746	0.6802	0.7437

TABLE 31-3 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	103	34	29	24	4	6	2	3	1		
	EXP.		39.2	31.9	16.4	5.1	5.4	2.5	1.1	1.4		
	OBS./EXP. RELATIVE RISK		0.867 1.000	0.909	1.467 1.657	0.778 0.878	1.120 1.266	0.808 0.913	2.303 3.166	0.697 0.787		
	TEST PROB.	AB=C? 0.0805	AB=D? 0.6076	AB=E? 0.4878	AB=F? 0.6004	AB=G? 0.1541	AB=H? 0.6539	AB=CD? 0.1279	AB=E-H? 0.3483	AB=FGH? 0.4059	HOMO. 0.2827	TREND. 0.2667
1950-54	OBS. EXP.	9	5 2.9	1 2.9	2 1.5	0 0.6	0 0.7	1 0.3	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.719 1.000	0.349	1.378 1.326	0.000 0.000	0.000 0.000	3.076 2.961	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3798	AB=D? 0.8203	AB=E? 0.8302	AB=F? 0.2839	AB=G? 0.7742	AB=H? 0.7780	AB=CD? 0.5502	AB=E-H? 0.6548	AB=FGH? 0.3300	HOMO. 0.5471	TREND. 0.6825
1955-58	OBS. EXP.	11	5 4.8	1 3.1	4 1.3	0 0.5	0 0.4	1 0.2	0 0.1	0 0.1		
	OBS./EXP. RELATIVE RISK		1.046 1.000	0.323	2.223 2.919	0.000 0.000	0.000 0.000	5.420 7.117	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.1830	AB=D? 0.7982	AB=E? 0.7907	AB=F? 0.2518	AB=G? 0.7702	AB=H? 0.7714	AB=CD? 0.2664	AB=E-H? 0.3160	AB=FGH? 0.2735	HOMO. 0.2614	TREND. 0.3731
1959-62	OBS. EXP.	15	4 6.4	5 4.2	4 2.5	2 0.7	0 0.6	0 0.3	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		0.629 1.000	1.183	1.600 1.883	2.888 3.398	0.000 0.000	0.000 0.000	0.300 0.300	0.000 0.000		
	TEST PROB.	AB=C? 0.3275	AB=D? 0.2994	AB=E? 0.8133	AB=F? 0.7854	AB=G? 0.7751	AB=H? 0.7792	AB=CD? 0.1997	AB=E-H? 0.8498	AB=FGH? 0.8123	HOMO. 0.5853	TREND. 0.7461
1963-66	OBS. EXP.	14	4 4.9	8 4.4	1 2.3	1 0.8	0 0.8	0 0.4	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		0.817 1.000	1.837	0.427 0.329	1.247 0.962	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8459	AB=D? 0.5897	AB=E? 0.8644	AB=F? 0.8185	AB=G? 0.7847	AB=H? 0.7948	AB=CD? 0.8103	AB=E-H? 0.9115	AB=FGH? 0.8553	HOMO. 0.5803	TREND. 0.8754
1967-70	OBS. EXP.	14	5 5.1	3 4.7	3 2.1	0 0.7	3 0.7	0 0.3	0 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK		0.988 1.000	0.644	1.405 1.707	0.000 0.000	4.001 4.861	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.4638	AB=D? 0.8231	AB=E? 0.0959	AB=F? 0.7928	AB=G? 0.7749	AB=H? 0.7828	AB=CD? 0.3995	AB=E-H? 0.2922	AB=FGH? 0.8257	HOMO. 0.2433	TREND. 0.4324
1971-74	OBS. EXP.	15	5 5.6	5 4.5	3 2.3	1 0.7	0 0.8	0 0.4	1 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		0.898 1.000	1.031	1.318 1.374	1.353 1.410	0.000 0.000	0.000 0.000	6.590 6.866	0.000 0.000		
	TEST PROB.	AB=C? 0.4035	AB=D? 0.3416	AB=E? 0.8375	AB=F? 0.8036	AB=G? 0.2576	AB=H? 0.7840	AB=CD? 0.4416	AB=E-H? 0.7155	AB=FGH? 0.3730	HOMO. 0.4771	TREND. 0.4601
1975-78	OBS. EXP.	25	6 9.6	6 7.9	7 3.9	0 1.2	3 1.3	0 0.6	2 0.2	1 0.3		
	OBS./EXP. RELATIVE RISK		0.623 1.000	0.762	1.800 2.626	0.000 0.000	2.398 3.498	0.000 0.000	8.220 11.988	2.983 4.331		
	TEST PROB.	AB=C? 0.0921	AB=D? 0.8226	AB=E? 0.1499	AB=F? 0.7922	AB=G? 0.0173	AB=H? 0.2624	AB=CD? 0.1729	AB=E-H? 0.0449	AB=FGH? 0.0895	HOMO. 0.0019	TREND. 0.0042

TABLE 31-4 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	248	106	70	35	22	7	4	3	1	
	EXP.		96.7	71.2	44.2	14.0	10.8	5.3	2.6	3.3	
	OBS./EXP. RELATIVE RISK		1.097 1.000	0.984	0.792 0.755	1.567 1.495	0.647 0.617	0.755 0.720	1.146 1.092	0.308 0.293	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.8930
		0.8745	0.1423	0.8598	0.7599	0.4510	0.8704	0.6600	0.8979	0.8254	0.1523
1950-54	OBS. EXP.	23	6	4	8	3	1	1	0	0	
			8.4	6.8	4.1	1.4	1.1	0.6	0.3	0.3	
	OBS./EXP. RELATIVE RISK		0.714 1.000	0.587	1.940 2.951	2.192 3.333	0.888 1.351	1.740 2.647	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.4659
		0.0674	0.1749	0.3789	0.2873	0.7828	0.7847	0.0425	0.3811	0.3634	0.2975
1955-58	OBS. EXP.	12	5	4	1	2	0	0	0	0	
			4.9	3.4	2.1	0.6	0.5	0.2	0.1	0.1	
	OBS./EXP. RELATIVE RISK		1.024 1.000	1.177	0.477 0.439	3.132 2.882	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.7313
		0.7900	0.3480	0.3092	0.7847	0.7736	0.7786	0.4916	0.3455	0.8103	0.7121
1959-62	OBS. EXP.	23	8	8	1	5	1	0	0	0	
			9.0	6.6	4.2	1.3	0.9	0.4	0.2	0.3	
	OBS./EXP. RELATIVE RISK		0.884 1.000	1.204	0.241 0.236	3.966 3.889	1.071 1.050	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.6210
		0.9008	0.0528	0.5455	0.8128	0.7884	0.7942	0.4385	0.7683	0.8528	0.0376
1963-66	OBS. EXP.	19	9	5	3	2	0	0	0	0	
			7.5	5.6	3.4	1.0	0.7	0.3	0.2	0.2	
	OBS./EXP. RELATIVE RISK		1.207 1.000	0.895	0.871 0.812	2.004 1.868	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.8350
		0.6477	0.4177	0.8238	0.7927	0.7784	0.7854	0.4472	0.8671	0.3255	0.8839
1967-70	OBS. EXP.	44	17	16	5	1	2	2	0	1	
			17.6	12.4	7.8	2.4	1.8	0.9	0.4	0.6	
	OBS./EXP. RELATIVE RISK		0.965 1.000	1.286	0.643 0.585	0.413 0.376	1.088 0.992	2.248 2.048	0.000 0.000	1.781 1.623	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.3363
		0.8225	0.3065	0.4412	0.4560	0.8052	0.3267	0.8695	0.4680	0.4534	0.6503
1971-74	OBS. EXP.	50	25	11	10	2	2	0	0	0	
			19.8	14.1	5.7	2.9	2.3	1.1	0.6	0.7	
	OBS./EXP. RELATIVE RISK		1.265 1.000	0.781	1.154 1.086	0.698 0.656	0.880 0.827	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.9442
		0.4492	0.7524	0.6764	0.8700	0.8242	0.8279	0.5637	0.8777	0.9224	0.6428
1975-78	OBS. EXP.	77	36	22	7	7	1	1	3	0	
			29.5	22.3	13.9	4.5	3.4	1.6	0.8	1.0	
	OBS./EXP. RELATIVE RISK		1.220 1.000	0.988	0.504 0.450	1.567 1.399	0.294 0.263	0.618 0.552	3.535 3.200	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND, 0.6623
		0.9423	0.3917	0.9001	0.7758	0.1807	0.8567	0.8534	0.8158	0.5793	0.0371

TABLE 31-5 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-73	OBS. TOTAL	1281	512	334	258	79	46	21	14	17		
	EXP.		512.0	352.9	250.5	70.0	52.1	20.1	9.3	14.0		
	OBS./EXP. RELATIVE RISK		1.000	0.946	1.030	1.129	0.883	1.043	1.502	1.212		
	TEST PROB.	AB=C? 0.3093	AB=D? 0.2036	AB=E? 0.7108	AB=F? 0.4702	AB=G? 0.1480	AB=H? 0.3038	AB=CD? 0.2168	AB=E-H? 0.3999	AB=FGH? 0.1677	HOMO. 0.5212	TREND. 0.1033
1950-54	OBS. TOTAL	60	24	15	14	3	0	2	0	2		
	EXP.		22.3	17.7	12.1	3.3	2.5	1.0	0.5	0.7		
	OBS./EXP. RELATIVE RISK		1.078	0.848	1.154	0.920	0.000	1.963	0.000	2.805		
	TEST PROB.	AB=C? 0.3974	AB=D? 0.5690	AB=E? 0.9048	AB=F? 0.4752	AB=G? 0.3051	AB=H? 0.3159	AB=CD? 0.4272	AB=E-H? 0.6278	AB=FGH? 0.3007	HOMO. 0.4212	TREND. 0.2645
1955-58	OBS. TOTAL	67	28	23	8	5	1	1	1	0		
	EXP.		27.0	18.3	12.7	3.7	2.8	1.1	0.5	0.8		
	OBS./EXP. RELATIVE RISK		1.037	1.254	0.629	1.350	0.354	0.941	1.879	0.000		
	TEST PROB.	AB=C? 0.8857	AB=D? 0.4406	AB=E? 0.8535	AB=F? 0.6230	AB=G? 0.3240	AB=H? 0.8359	AB=CD? 0.8140	AB=E-H? 0.8329	AB=FGH? 0.6729	HOMO. 0.5602	TREND. 0.7982
1959-62	OBS. TOTAL	93	34	25	21	4	6	0	1	2		
	EXP.		34.5	25.9	18.0	5.2	4.0	1.5	0.7	1.1		
	OBS./EXP. RELATIVE RISK		0.931	0.963	1.168	0.763	1.512	0.000	1.386	1.822		
	TEST PROB.	AB=C? 0.3116	AB=D? 0.6648	AB=E? 0.2652	AB=F? 0.8641	AB=G? 0.3341	AB=H? 0.4864	AB=CD? 0.3950	AB=E-H? 0.3076	AB=FGH? 0.4559	HOMO. 0.7255	TREND. 0.2632
1963-66	OBS. TOTAL	147	59	40	26	10	6	3	3	0		
	EXP.		59.4	40.3	28.1	8.0	6.2	2.3	1.0	1.7		
	OBS./EXP. RELATIVE RISK		0.994	0.993	0.925	1.250	0.962	1.288	2.915	0.000		
	TEST PROB.	AB=C? 0.6202	AB=D? 0.3567	AB=E? 0.5774	AB=F? 0.4104	AB=G? 0.1659	AB=H? 0.8786	AB=CD? 0.4756	AB=E-H? 0.4561	AB=FGH? 0.4659	HOMO. 0.4975	TREND. 0.4601
1967-70	OBS. TOTAL	219	96	50	45	13	6	3	3	3		
	EXP.		86.7	60.5	42.8	12.1	9.2	3.6	1.6	2.5		
	OBS./EXP. RELATIVE RISK		1.108	0.826	1.051	1.076	0.650	0.833	1.895	1.197		
	TEST PROB.	AB=C? 0.4342	AB=D? 0.4649	AB=E? 0.3079	AB=F? 0.6466	AB=G? 0.3368	AB=H? 0.4113	AB=CD? 0.4178	AB=E-H? 0.6545	AB=FGH? 0.4427	HOMO. 0.5750	TREND. 0.4376
1971-74	OBS. TOTAL	309	123	79	51	23	15	9	4	5		
	EXP.		124.9	84.5	60.7	16.6	12.3	4.8	2.1	3.1		
	OBS./EXP. RELATIVE RISK		0.985	0.935	0.840	1.387	1.215	1.281	1.938	1.624		
	TEST PROB.	AB=C? 0.7439	AB=D? 0.1387	AB=E? 0.3173	AB=F? 0.1205	AB=G? 0.2368	AB=H? 0.2836	AB=CD? 0.5204	AB=E-H? 0.0654	AB=FGH? 0.0449	HOMO. 0.1021	TREND. 0.0033
1975-78	OBS. TOTAL	386	148	102	93	21	12	3	2	5		
	EXP.		156.4	106.1	76.0	20.6	15.3	5.6	2.5	3.5		
	OBS./EXP. RELATIVE RISK		0.946	0.961	1.224	1.018	0.786	0.534	0.808	1.421		
	TEST PROB.	AB=C? 0.0772	AB=D? 0.4502	AB=E? 0.7098	AB=F? 0.8034	AB=G? 0.6178	AB=H? 0.3463	AB=CD? 0.0947	AB=E-H? 0.7104	AB=FGH? 0.6141	HOMO. 0.4129	TREND. 0.5333

TABLE 31-6 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-6

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2049	843	572	397	124	67	24	9	13		
	EXP.		832.9	581.2	406.2	114.7	62.8	25.7	11.2	14.3		
	OBS./EXP. RELATIVE RISK		1.012	0.984	0.977	1.082	1.067	0.934	0.805	0.911		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6115	0.2786	0.3608	0.5989	0.7003	0.6174	0.4942	0.4928	0.6865	0.9476	0.6176
1950-54	OBS. TOTAL	176	72	52	25	10	12	0	1	3		
	EXP.		68.4	52.1	35.1	9.7	5.9	2.3	1.0	1.5		
	OBS./EXP. RELATIVE RISK		1.052	0.998	0.740	1.028	2.024	0.000	1.000	2.038		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.8706	0.4655	0.0680	0.8983	0.4790	0.2973	0.8332	0.1769	0.6342	0.0201	0.1466
1955-58	OBS. TOTAL	276	123	74	44	16	12	6	0	1		
	EXP.		111.6	78.8	54.6	15.3	8.7	3.5	1.5	2.0		
	OBS./EXP. RELATIVE RISK		1.102	0.939	0.806	1.042	1.373	1.737	0.000	0.496		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.8594	0.4789	0.2847	0.2434	0.3694	0.7691	0.8266	0.3496	0.5393	0.2738	0.5704
1959-62	OBS. TOTAL	279	110	83	51	21	6	3	1	4		
	EXP.		111.1	79.7	55.5	16.5	9.0	3.6	1.6	2.1		
	OBS./EXP. RELATIVE RISK		0.990	1.042	0.919	1.274	0.667	0.835	0.613	1.912		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6750	0.2641	0.7814	0.6348	0.7102	0.2460	0.5358	0.6647	0.4556	0.6752	0.3410
1963-66	OBS. TOTAL	343	131	95	77	23	11	3	2	1		
	EXP.		141.4	94.8	68.3	19.0	10.4	4.6	2.0	2.4		
	OBS./EXP. RELATIVE RISK		0.925	1.002	1.127	1.208	1.056	0.653	1.012	0.421		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.1999	0.2389	0.4708	0.7215	0.4204	0.7912	0.1512	0.6072	0.7556	0.7597	0.6702
1967-70	OBS. TOTAL	347	136	95	78	14	13	5	4	2		
	EXP.		146.7	95.2	67.7	19.1	9.9	4.5	1.7	2.2		
	OBS./EXP. RELATIVE RISK		0.927	0.998	1.152	0.732	1.316	1.102	2.287	0.929		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.1704	0.7751	0.2571	0.4331	0.1635	0.5619	0.2907	0.1667	0.2799	0.3430	0.1486
1971-74	OBS. TOTAL	324	131	96	63	21	8	3	0	2		
	EXP.		129.8	92.2	64.4	18.8	10.2	4.7	1.8	2.1		
	OBS./EXP. RELATIVE RISK		1.009	1.042	0.978	1.117	0.781	0.643	0.000	0.975		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6142	0.4475	0.7586	0.7785	0.8892	0.5846	0.5536	0.8673	0.8523	0.8358	0.8703
1975-78	OBS. TOTAL	304	140	77	58	19	5	4	1	0		
	EXP.		123.5	86.9	61.8	16.9	8.3	3.3	1.8	1.5		
	OBS./EXP. RELATIVE RISK		1.134	0.886	0.939	1.123	0.600	1.201	0.562	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
		0.6943	0.4401	0.9266	0.4276	0.7391	0.8734	0.6333	0.8364	0.7104	0.3566	0.9211

TABLE 31-7 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	1700	715	465	301	101	64	22	15	17		
	EXP.	664.8	475.8	313.4	95.0	71.9	27.4	12.3	19.5			
	OBS./EXP. RELATIVE RISK	1.044	0.977	0.960	1.064	0.891	0.803	1.221	0.871			
		1.000	1.000	0.944	1.046	0.876	0.790	1.201	0.856			
	TEST PROB.	AB=C? 0.7463	AB=D? 0.4002	AB=E? 0.7918	AB=F? 0.8093	AB=G? 0.3508	AB=H? 0.6994	AB=CD? 0.6710	AB=E-H? 0.8210	AB=FGH? 0.7181	HOMO, 0.6067	TREND, 0.8155
1950-54	OBS. EXP.	137	65	31	23	4	10	1	1	2		
		55.2	39.0	25.5	7.3	5.5	2.1	0.9	1.5			
	OBS./EXP. RELATIVE RISK	1.178	0.795	0.901	0.549	1.820	0.485	1.067	1.293			
		1.000	1.000	0.884	0.539	1.785	0.476	1.046	1.268			
	TEST PROB.	AB=C? 0.6617	AB=D? 0.8419	AB=E? 0.1407	AB=F? 0.7732	AB=G? 0.4509	AB=H? 0.3916	AB=CD? 0.7683	AB=E-H? 0.2646	AB=FGH? 0.6404	HOMO, 0.2128	TREND, 0.3684
1955-58	OBS. EXP.	197	86	57	29	13	6	4	1	1		
		80.1	55.3	34.6	10.8	7.8	2.9	1.3	2.2			
	OBS./EXP. RELATIVE RISK	1.074	1.031	0.792	1.206	0.771	1.359	0.763	0.462			
		1.000	1.000	0.750	1.142	0.730	1.287	0.722	0.437			
	TEST PROB.	AB=C? 0.8548	AB=D? 0.4381	AB=E? 0.7450	AB=F? 0.4587	AB=G? 0.6655	AB=H? 0.7875	AB=CD? 0.7788	AB=E-H? 0.7246	AB=FGH? 0.6071	HOMO, 0.7723	TREND, 0.7542
1959-62	OBS. EXP.	206	86	56	41	14	4	1	2	2		
		82.3	57.9	38.1	12.1	8.6	3.2	1.4	2.3			
	OBS./EXP. RELATIVE RISK	1.045	0.967	1.077	1.153	0.467	0.317	1.381	0.853			
		1.000	1.000	1.063	1.139	0.461	0.313	1.364	0.842			
	TEST PROB.	AB=C? 0.4280	AB=D? 0.4155	AB=E? 0.8829	AB=F? 0.8451	AB=G? 0.3237	AB=H? 0.6048	AB=CD? 0.3977	AB=E-H? 0.8768	AB=FGH? 0.7139	HOMO, 0.4620	TREND, 0.8292
1963-66	OBS. EXP.	258	101	79	44	19	7	3	4	1		
		102.8	71.9	48.2	14.9	11.0	4.2	1.8	3.0			
	OBS./EXP. RELATIVE RISK	0.982	1.099	0.912	1.273	0.635	0.708	2.199	0.334			
		1.000	1.000	0.895	1.236	0.616	0.687	2.135	0.324			
	TEST PROB.	AB=C? 0.7236	AB=D? 0.2883	AB=E? 0.8499	AB=F? 0.7327	AB=G? 0.2089	AB=H? 0.5438	AB=CD? 0.5324	AB=E-H? 0.8295	AB=FGH? 0.6517	HOMO, 0.3253	TREND, 0.7765
1967-70	OBS. EXP.	291	126	77	53	12	13	6	2	2		
		117.7	80.0	53.8	16.7	12.5	5.0	2.0	3.3			
	OBS./EXP. RELATIVE RISK	1.071	0.962	0.986	0.717	1.042	1.199	0.991	0.600			
		1.000	1.000	0.960	0.698	1.014	1.167	0.964	0.584			
	TEST PROB.	AB=C? 0.6059	AB=D? 0.8344	AB=E? 0.4774	AB=F? 0.4407	AB=G? 0.5691	AB=H? 0.7708	AB=CD? 0.7294	AB=E-H? 0.5640	AB=FGH? 0.6129	HOMO, 0.8963	TREND, 0.7157
1971-74	OBS. EXP.	305	123	89	48	21	11	6	1	6		
		120.6	84.0	57.2	17.7	13.9	5.7	2.4	3.5			
	OBS./EXP. RELATIVE RISK	1.020	1.059	0.839	1.185	0.793	1.059	0.418	1.698			
		1.000	1.000	0.809	1.144	0.765	1.022	0.403	1.639			
	TEST PROB.	AB=C? 0.3483	AB=D? 0.3887	AB=E? 0.7541	AB=F? 0.5629	AB=G? 0.3153	AB=H? 0.2644	AB=CD? 0.7543	AB=E-H? 0.6664	AB=FGH? 0.4600	HOMO, 0.5775	TREND, 0.3337
1975-78	OBS. EXP.	306	128	76	63	18	13	1	4	3		
		125.1	84.5	56.5	17.0	13.0	4.7	2.4	2.8			
	OBS./EXP. RELATIVE RISK	1.023	0.899	1.116	1.058	1.000	0.212	1.655	1.074			
		1.000	1.000	1.146	1.087	1.027	0.218	1.701	1.104			
	TEST PROB.	AB=C? 0.2674	AB=D? 0.4560	AB=E? 0.4595	AB=F? 0.9080	AB=G? 0.3181	AB=H? 0.4173	AB=CD? 0.2710	AB=E-H? 0.5728	AB=FGH? 0.6546	HOMO, 0.5571	TREND, 0.5533

TABLE 31-B DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-B

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	2024	803	548	420	133	62	29	14	15		
	EXP.	811.7	575.1	412.9	111.0	60.4	26.8	12.2	13.9			
	OBS./EXP. RELATIVE RISK	0.989	0.953	1.017	1.198	1.026	1.080	1.151	1.081	1.081		
	TEST PROB.	AB=C? 0.2843	AB=D? 0.0543	AB=E? 0.3761	AB=F? 0.3609	AB=G? 0.3556	AB=H? 0.4174	AB=CD? 0.1295	AB=E-H? 0.2511	AB=FGH? 0.2625	HOMO, 0.4862	TREND, 0.1288
1950-54	OBS. EXP.	139	47	42	27	14	3	0	3	1.2		
	RELATIVE RISK	0.950	0.975	0.930	1.737	0.611	1.338	0.000	2.518	2.620		
	TEST PROB.	AB=C? 0.5566	AB=D? 0.0781	AB=E? 0.7277	AB=F? 0.4860	AB=G? 0.8322	AB=H? 0.1666	AB=CD? 0.3199	AB=E-H? 0.4489	AB=FGH? 0.2978	HOMO, 0.2230	TREND, 0.1330
1955-58	OBS. EXP.	175	77	47	28	12	7	4	0	0		
	RELATIVE RISK	1.101	0.932	0.779	1.233	1.431	1.901	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8345	AB=D? 0.3845	AB=E? 0.3116	AB=F? 0.2694	AB=G? 0.8399	AB=H? 0.8431	AB=CD? 0.7528	AB=E-H? 0.3757	AB=FGH? 0.5503	HOMO, 0.3423	TREND, 0.6322
1959-62	OBS. EXP.	208	73	65	37	18	9	2	0	4		
	RELATIVE RISK	0.885	1.090	0.865	1.538	1.538	1.494	0.734	0.000	2.985		
	TEST PROB.	AB=C? 0.6899	AB=D? 0.1170	AB=E? 0.2181	AB=F? 0.6708	AB=G? 0.8568	AB=H? 0.0882	AB=CD? 0.4547	AB=E-H? 0.2280	AB=FGH? 0.4540	HOMO, 0.0468	TREND, 0.0334
1963-66	OBS. EXP.	269	103	71	64	17	10	3	1	0		
	RELATIVE RISK	0.920	0.955	1.169	1.205	1.367	0.867	0.646	0.646	0.000		
	TEST PROB.	AB=C? 0.1451	AB=D? 0.2556	AB=E? 0.2345	AB=F? 0.5656	AB=G? 0.6694	AB=H? 0.8674	AB=CD? 0.1153	AB=E-H? 0.4651	AB=FGH? 0.7588	HOMO, 0.5485	TREND, 0.7253
1967-70	OBS. EXP.	341	133	88	80	16	11	4	5	4		
	RELATIVE RISK	0.941	0.924	1.170	0.890	1.166	0.893	2.573	1.833	1.833		
	TEST PROB.	AB=C? 0.1200	AB=D? 0.5672	AB=E? 0.3551	AB=F? 0.5462	AB=G? 0.0775	AB=H? 0.2454	AB=CD? 0.1676	AB=E-H? 0.1257	AB=FGH? 0.1241	HOMO, 0.1865	TREND, 0.0215
1971-74	OBS. EXP.	400	163	104	81	27	14	6	4	1		
	RELATIVE RISK	1.008	0.913	1.007	1.248	1.163	1.103	1.786	0.394	0.407		
	TEST PROB.	AB=C? 0.4194	AB=D? 0.2157	AB=E? 0.3570	AB=F? 0.4428	AB=G? 0.2769	AB=H? 0.8051	AB=CD? 0.3011	AB=E-H? 0.3454	AB=FGH? 0.4842	HOMO, 0.6616	TREND, 0.3863
1975-78	OBS. EXP.	492	207	131	103	29	8	7	4	3		
	RELATIVE RISK	1.053	0.934	1.027	1.096	0.520	1.077	1.357	0.834	0.834		
	TEST PROB.	AB=C? 0.4642	AB=D? 0.4066	AB=E? 0.9234	AB=F? 0.4456	AB=G? 0.4872	AB=H? 0.6488	AB=CD? 0.4136	AB=E-H? 0.8280	AB=FGH? 0.4627	HOMO, 0.5644	TREND, 0.6915

TABLE 31-9 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	2953	1374	729	540	164	76	24	25	21
	EXP.	1344.2	757.4	552.5	147.5	85.6	30.8	14.4	20.6	
	OBS./EXP. RELATIVE RISK	1.022	1.000	0.963	0.977	1.112	0.887	0.780	1.734	1.019
	TEST PROB.	0.6412	0.1878	0.7751	0.8212	0.0299	0.4692	0.4740	0.6279	0.3753
									0.0462	0.2557
1950-54	OBS. EXP.	197	91	55	30	11	6	2	0	2
		89.4	51.4	36.1	9.7	5.8	2.0	1.0	1.5	
	OBS./EXP. RELATIVE RISK	1.018	1.000	1.069	0.831	1.130	1.032	0.998	0.000	1.344
	TEST PROB.	0.8013	0.4649	0.4810	0.5442	0.3426	0.3858	0.7427	0.5777	0.6213
									0.9146	0.5533
1955-58	OBS. EXP.	299	150	77	44	14	8	4	1	1
		136.1	77.6	55.1	15.0	8.6	3.0	1.5	2.1	
	OBS./EXP. RELATIVE RISK	1.102	1.000	0.992	0.798	0.931	0.931	1.312	0.686	0.486
	TEST PROB.	0.9013	0.6651	0.6386	0.4308	0.7003	0.7204	0.8961	0.6704	0.6480
									0.6480	0.6839
										0.8028
1959-62	OBS. EXP.	326	148	86	55	20	10	1	2	4
		148.0	83.8	60.5	16.9	9.5	3.4	1.7	2.2	2.2
	OBS./EXP. RELATIVE RISK	1.000	1.000	1.026	0.910	1.181	1.053	0.295	1.204	1.799
	TEST PROB.	0.7029	0.3537	0.4542	0.8645	0.3968	0.2937	0.5995	0.4783	0.5660
									0.7410	0.2544
1963-66	OBS. EXP.	425	187	114	79	29	8	3	5	0
		194.6	107.7	79.9	21.1	12.2	4.6	2.0	2.8	2.8
	OBS./EXP. RELATIVE RISK	0.961	1.000	1.058	0.988	1.372	0.657	0.649	2.521	0.000
	TEST PROB.	0.5309	0.1370	0.8252	0.7525	0.1097	0.9187	0.3421	0.8203	0.6698
									0.0685	0.7550
1967-70	OBS. EXP.	508	239	115	100	22	16	6	6	4
		233.5	128.6	95.3	25.1	14.2	5.5	2.3	3.5	3.5
	OBS./EXP. RELATIVE RISK	1.023	1.000	0.894	1.050	0.875	1.124	1.091	2.633	1.157
	TEST PROB.	0.3444	0.6672	0.3996	0.4397	0.0642	0.4242	0.4235	0.1911	0.1775
									0.2734	0.0701
1971-74	OBS. EXP.	548	254	128	101	32	16	5	4	6
		250.0	139.4	104.4	26.8	15.5	5.8	2.5	3.7	3.7
	OBS./EXP. RELATIVE RISK	1.024	1.000	0.918	0.967	1.194	1.034	0.866	1.606	1.639
	TEST PROB.	0.5612	0.2522	0.4671	0.6244	0.3363	0.2515	0.4368	0.3289	0.2908
									0.6862	0.0759
1975-78	OBS. EXP.	650	303	154	131	36	12	3	7	4
		292.1	167.9	125.8	32.4	18.5	6.3	3.1	3.9	3.9
	OBS./EXP. RELATIVE RISK	1.037	1.000	0.917	1.041	1.110	0.649	0.477	2.235	1.031
	TEST PROB.	0.3840	0.3545	0.8645	0.8529	0.0885	0.4416	0.3318	0.7653	0.4712
									0.1113	0.4366

TABLE 31-10 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-10

HAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAO										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	771	144	284	181	70	50	27	4	11		
	EXP.	152.3	293.4	173.9	58.5	46.6	23.5	10.0	12.8			
	OBS./EXP. RELATIVE RISK	0.946	0.968	1.041	1.197	1.072	1.150	0.399	0.360	0.860		
	TEST PROB.	AB=C? 0.2579	AB=D? 0.1286	AB=E? 0.3494	AB=F? 0.3109	AB=G? 0.9242	AB=H? 0.6541	AB=CD? 0.1528	AB=E-H? 0.4703	AB=FGH? 0.6477	HOMO. 0.3300	TREND. 0.6038
1950-54	OBS. TOTAL	79	21	18	20	7	7	2	1	3		
	EXP.	15.2	30.6	18.4	5.6	4.6	2.3	0.9	1.3			
	OBS./EXP. RELATIVE RISK	1.377	0.588	1.084	1.248	1.248	1.525	0.869	1.089	2.400		
	TEST PROB.	AB=C? 0.2937	AB=D? 0.3211	AB=E? 0.2083	AB=F? 0.5406	AB=G? 0.3732	AB=H? 0.1974	AB=CD? 0.2417	AB=E-H? 0.1557	AB=FGH? 0.3149	HOMO. 0.1082	TREND. 0.0505
1955-58	OBS. TOTAL	73	13	27	13	11	5	4	0	0		
	EXP.	14.0	28.1	17.4	5.5	4.1	2.0	0.8	1.1			
	OBS./EXP. RELATIVE RISK	0.930	0.960	0.747	2.008	1.224	2.002	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7352	AB=D? 0.0774	AB=E? 0.4740	AB=F? 0.2233	AB=G? 0.8292	AB=H? 0.8493	AB=CD? 0.4368	AB=E-H? 0.4364	AB=FGH? 0.4305	HOMO. 0.1384	TREND. 0.4833
1959-62	OBS. TOTAL	88	11	35	23	12	3	2	0	2		
	EXP.	16.9	33.7	20.4	6.9	5.1	2.5	1.1	1.5			
	OBS./EXP. RELATIVE RISK	0.652	1.039	1.129	1.736	0.588	0.804	0.000	1.369	1.505		
	TEST PROB.	AB=C? 0.3027	AB=D? 0.0986	AB=E? 0.7451	AB=F? 0.6014	AB=G? 0.8433	AB=H? 0.3871	AB=CD? 0.1545	AB=E-H? 0.7036	AB=FGH? 0.6033	HOMO. 0.2896	TREND. 0.5771
1963-66	OBS. TOTAL	102	17	36	29	7	9	3	0	1		
	EXP.	20.2	38.5	23.0	7.9	6.2	3.1	1.4	1.7			
	OBS./EXP. RELATIVE RISK	0.843	0.934	1.259	0.887	1.142	0.977	0.000	0.572	0.634		
	TEST PROB.	AB=C? 0.1716	AB=D? 0.5468	AB=E? 0.2365	AB=F? 0.4494	AB=G? 0.8590	AB=H? 0.7230	AB=CD? 0.2232	AB=E-H? 0.4463	AB=FGH? 0.7452	HOMO. 0.6131	TREND. 0.6548
1967-70	OBS. TOTAL	124	20	50	33	6	8	4	1	2		
	EXP.	25.4	46.7	26.9	9.6	7.7	4.0	1.7	2.1			
	OBS./EXP. RELATIVE RISK	0.786	1.071	1.228	0.626	1.043	1.003	0.594	0.971	1.001		
	TEST PROB.	AB=C? 0.2391	AB=D? 0.8088	AB=E? 0.4518	AB=F? 0.5247	AB=G? 0.7180	AB=H? 0.5655	AB=CD? 0.3980	AB=E-H? 0.5463	AB=FGH? 0.6137	HOMO. 0.7169	TREND. 0.6188
1971-74	OBS. TOTAL	157	30	65	28	16	9	7	1	1		
	EXP.	32.3	58.6	33.2	12.6	10.4	5.3	2.1	2.4			
	OBS./EXP. RELATIVE RISK	0.929	1.109	0.842	1.275	0.863	1.314	0.467	0.415	0.397		
	TEST PROB.	AB=C? 0.7809	AB=D? 0.3486	AB=E? 0.7118	AB=F? 0.4537	AB=G? 0.7938	AB=H? 0.8155	AB=CD? 0.6538	AB=E-H? 0.7292	AB=FGH? 0.6776	HOMO. 0.6716	TREND. 0.7669
1975-78	OBS. TOTAL	148	32	53	35	11	9	5	1	2		
	EXP.	29.5	56.9	30.9	11.0	9.9	4.9	2.2	2.5			
	OBS./EXP. RELATIVE RISK	1.083	0.931	1.133	0.996	0.908	1.013	0.448	0.797	0.811		
	TEST PROB.	AB=C? 0.3360	AB=D? 0.4747	AB=E? 0.6107	AB=F? 0.4466	AB=G? 0.7888	AB=H? 0.6521	AB=CD? 0.3642	AB=E-H? 0.6682	AB=FGH? 0.6716	HOMO. 0.9637	TREND. 0.7391

TABLE 31-11 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-11

HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	7-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400- H		
1950-78	OBS.	1369	646	344	228	73	39	13	14	12		
	EXP.	1369	608.5	366.2	244.1	67.0	47.9	15.7	7.3	12.5		
	OBS./EXP.		1.062	0.939	0.934	1.090	0.814	0.829	1.930	0.959		
	RELATIVE RISK		1.000	1.000	0.920	1.073	0.802	0.817	1.900	0.944		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7984	0.3598	0.3418	0.7239	0.0558	0.5824	0.7073	0.6993	0.3847	0.0555	0.4251
1950-54	OBS.	110	56	24	19	3	6	1	0	1		
	EXP.	110	49.1	29.7	19.4	5.2	3.8	1.2	0.6	1.0		
	OBS./EXP.		1.140	0.808	0.977	0.580	1.595	0.827	0.000	0.989		
	RELATIVE RISK		1.000	1.000	0.963	0.571	1.571	0.815	0.000	0.974		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5688	0.7965	0.2867	0.6275	0.8141	0.5359	0.6725	0.4300	0.6952	0.6653	0.5932
1955-58	OBS.	163	79	44	24	8	3	3	1	1		
	EXP.	163	72.5	43.7	28.9	8.0	5.6	1.9	0.9	1.5		
	OBS./EXP.		1.090	1.006	0.829	0.997	0.536	1.598	1.144	0.682		
	RELATIVE RISK		1.000	1.000	0.783	0.942	0.507	1.510	1.081	0.644		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8016	0.5834	0.8366	0.4934	0.4219	0.6996	0.7825	0.7291	0.4323	0.9358	0.5648
1959-62	OBS.	165	81	42	28	7	3	1	2	1		
	EXP.	165	73.2	44.1	29.2	8.6	5.8	1.9	0.9	1.4		
	OBS./EXP.		1.107	0.953	0.958	0.816	0.519	0.532	2.230	0.704		
	RELATIVE RISK		1.000	1.000	0.913	0.778	0.495	0.507	2.125	0.671		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6459	0.7174	0.8442	0.7569	0.4281	0.6891	0.7005	0.8015	0.5967	0.7156	0.7280
1963-66	OBS.	205	93	56	31	16	3	2	4	0		
	EXP.	205	90.9	54.0	37.0	10.6	7.3	2.4	1.0	1.8		
	OBS./EXP.		1.023	1.036	0.838	1.513	0.412	0.818	3.978	0.000		
	RELATIVE RISK		1.000	1.000	0.815	1.472	0.401	0.796	3.869	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7875	0.1728	0.8986	0.6538	0.3486	0.8855	0.5859	0.7997	0.4389	0.0152	0.6029
1967-70	OBS.	235	114	53	42	10	10	3	2	1		
	EXP.	235	104.3	61.9	42.5	12.1	8.0	2.8	1.2	2.2		
	OBS./EXP.		1.093	0.856	0.988	0.830	1.242	1.070	1.710	0.451		
	RELATIVE RISK		1.000	1.000	0.984	0.826	1.236	1.065	1.702	0.449		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.5462	0.6970	0.3785	0.4375	0.3990	0.7858	0.6153	0.4337	0.5633	0.7417	0.5763
1971-74	OBS.	234	106	62	34	16	7	2	1	6		
	EXP.	234	103.9	61.9	42.8	11.4	7.8	2.7	1.3	2.2		
	OBS./EXP.		1.020	1.001	0.794	1.401	0.896	0.747	0.789	2.730		
	RELATIVE RISK		1.000	1.000	0.784	1.383	0.884	0.738	0.779	2.695		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8374	0.2202	0.6288	0.6814	0.6460	0.0641	0.6792	0.4125	0.2659	0.1508	0.0440
1975-78	OBS.	257	117	63	50	13	7	1	4	2		
	EXP.	257	113.0	69.4	47.5	12.4	8.8	2.5	1.5	1.9		
	OBS./EXP.		1.036	0.908	1.053	1.046	0.796	0.392	2.713	1.070		
	RELATIVE RISK		1.000	1.000	1.066	1.059	0.806	0.397	2.749	1.085		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4123	0.4588	0.6876	0.8089	0.1268	0.4195	0.6043	0.5568	0.4490	0.4596	0.3628

TABLE 31-12 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-12

HIROSHIMA, FEMALE, ALL AGES

YEAR CLASS	OBS. TOTAL	Y-65 TOTAL DOSE IN RAD								TREND, 0.2363
		A	B	C	D	E	F	G	H	
1950-78	1584	728	385	312	91	37	11	11	9	
	EXP.	735.7	391.2	308.4	80.6	37.8	15.1	7.2	8.1	
	OBS./EXP.	0.990	0.984	1.012	1.129	0.980	0.729	1.535	1.111	
	RELATIVE RISK	1.000		1.024	1.144	0.992	0.738	1.554	1.125	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.4045	0.2030	0.5130	0.7858	0.1791	0.4754	0.2868	0.4950	0.4801
1950-54	87	35	31	11	8	0	1	0	1	
	EXP.	40.3	21.7	16.7	4.6	2.1	0.8	0.4	0.5	
	OBS./EXP.	0.868	1.427	0.660	1.755	0.000	1.258	0.000	2.095	
	RELATIVE RISK	1.000		0.620	1.649	0.000	1.182	0.000	1.969	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.6736	0.2189	0.8968	0.3877	0.8015	0.3055	0.7100	0.7992	0.4084
1955-58	136	71	33	20	6	5	1	0	0	
	EXP.	63.6	33.9	26.2	7.0	3.0	1.2	0.6	0.6	
	OBS./EXP.	1.116	0.975	0.764	0.856	1.666	0.854	0.000	0.000	
	RELATIVE RISK	1.000		0.715	0.802	1.561	0.800	0.000	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.8539	0.6891	0.3274	0.6429	0.5173	0.8187	0.8593	0.4487	0.8112
1959-62	161	67	44	27	13	7	0	0	3	
	EXP.	74.8	39.8	31.3	8.4	3.7	1.5	0.8	0.8	
	OBS./EXP.	0.895	1.106	0.864	1.556	1.886	0.000	0.000	3.737	
	RELATIVE RISK	1.000		0.892	1.606	1.947	0.000	0.000	3.858	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.6713	0.1538	0.1471	0.8667	0.8244	0.0912	0.4686	0.2190	0.4579
1963-66	220	94	58	48	13	5	1	1	0	
	EXP.	103.7	53.7	43.0	10.6	4.9	2.2	1.0	1.0	
	OBS./EXP.	0.906	1.080	1.117	1.231	1.019	0.453	1.023	0.000	
	RELATIVE RISK	1.000		1.157	1.275	1.056	0.475	1.059	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.2887	0.3197	0.4442	0.7732	0.4370	0.8426	0.2360	0.7029	0.8115
1967-70	273	125	62	58	12	6	3	4	3	
	EXP.	129.2	66.7	52.8	13.1	6.2	2.7	1.1	1.2	
	OBS./EXP.	0.968	0.929	1.099	0.918	0.969	1.114	3.608	2.421	
	RELATIVE RISK	1.000		1.151	0.961	1.015	1.167	3.780	2.536	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.2725	0.5692	0.4655	0.4128	0.0508	0.2193	0.3133	0.1610	0.0714
1971-74	314	150	66	67	16	9	3	3	0	
	EXP.	146.1	77.4	61.6	15.4	7.7	3.1	1.2	1.5	
	OBS./EXP.	1.027	0.852	1.087	1.040	1.175	0.968	2.451	0.000	
	RELATIVE RISK	1.000		1.125	1.076	1.216	1.002	2.537	0.000	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.2888	0.4779	0.3983	0.4753	0.2095	0.8643	0.2881	0.3914	0.4395
1975-78	393	186	91	81	23	5	2	3	2	
	EXP.	179.1	98.5	78.3	20.0	9.7	3.7	1.7	2.0	
	OBS./EXP.	1.039	0.924	1.034	1.150	0.516	0.536	1.809	0.995	
	RELATIVE RISK	1.000		1.036	1.153	0.518	0.537	1.813	0.997	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?
	PROB.	0.4422	0.3538	0.4758	0.7866	0.3468	0.4702	0.3762	0.8199	0.5679

TABLE 31-13 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-13

NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	331	69	121	73	28	25	9	1	5		
	EXP.		76.3	109.6	69.4	23.0	24.0	11.7	5.0	7.0		
	OBS./EXP. RELATIVE RISK		0.904 1.000	1.104	1.052 1.030	1.000 0.978	1.042 1.020	0.768 0.752	0.199 0.194	0.713 0.697		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.4541	0.5604	0.4800	0.7723	0.9284	0.7577	0.4950	0.8196	0.9207	0.4669	0.9438
1950-54	OBS. TOTAL	27	9	7	4	1	4	0	1	1		
	EXP.		6.1	9.3	6.1	2.1	1.7	0.9	0.4	0.5		
	OBS./EXP. RELATIVE RISK		1.482 1.000	0.755	0.658 0.631	0.474 0.455	2.309 2.214	0.000 0.000	2.835 2.718	1.865 1.788		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.7616	0.7815	0.2286	0.8415	0.2877	0.3230	0.5110	0.2923	0.4318	0.2719	0.1685
1955-58	OBS. TOTAL	34	7	13	5	5	3	1	0	0		
	EXP.		7.6	11.5	7.7	2.8	2.2	1.1	0.4	0.7		
	OBS./EXP. RELATIVE RISK		0.919 1.000	1.126	0.651 0.624	1.812 1.737	1.367 1.311	0.939 0.900	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.7951	0.2963	0.4091	0.5750	0.8050	0.8269	0.6001	0.6083	0.7847	0.7272	0.7173
1959-62	OBS. TOTAL	41	5	14	13	7	1	0	0	1		
	EXP.		9.2	13.9	8.9	3.6	2.8	1.3	0.6	0.9		
	OBS./EXP. RELATIVE RISK		0.545 1.000	1.010	1.466 1.777	1.964 2.331	0.359 0.435	0.000 0.000	0.000 0.000	1.082 1.312		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.1560	0.1128	0.7963	0.5515	0.8073	0.3644	0.0928	0.8449	0.7919	0.1761	0.7837
1963-66	OBS. TOTAL	53	8	23	13	3	4	1	0	1		
	EXP.		12.0	17.9	11.3	4.4	3.7	1.8	0.9	1.2		
	OBS./EXP. RELATIVE RISK		0.669 1.000	1.287	1.153 1.110	0.690 0.664	1.067 1.027	0.557 0.537	0.000 0.000	0.842 0.810		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.4737	0.7382	0.5102	0.7508	0.3340	0.6350	0.5374	0.7216	0.8040	0.6906	0.8023
1967-70	OBS. TOTAL	56	12	24	11	2	3	3	0	1		
	EXP.		13.3	18.1	11.3	4.7	4.4	2.2	0.8	1.1		
	OBS./EXP. RELATIVE RISK		0.901 1.000	1.324	0.976 0.853	0.427 0.373	0.677 0.592	1.363 1.191	0.000 0.000	0.896 0.783		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.6717	0.8773	0.7759	0.4082	0.8412	0.6463	0.8041	0.7538	0.6397	0.6277	0.7770
1971-74	OBS. TOTAL	71	17	27	14	5	4	4	0	0		
	EXP.		16.7	22.1	14.4	6.3	6.1	3.0	1.1	1.3		
	OBS./EXP. RELATIVE RISK		1.020 1.000	1.221	0.971 0.855	0.793 0.699	0.661 0.582	1.337 1.178	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.6734	0.7574	0.8260	0.4220	0.3633	0.8733	0.7421	0.8602	0.7827	0.6619	0.9402
1975-78	OBS. TOTAL	49	11	13	13	5	6	0	0	1		
	EXP.		12.1	15.1	9.0	4.6	4.2	2.2	0.9	0.9		
	OBS./EXP. RELATIVE RISK		0.908 1.000	0.861	1.450 1.644	1.093 1.240	1.425 1.616	0.000 0.000	0.000 0.000	1.032 1.227		
	TEST PROB.	AB=C?	AB=0?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.1844	0.4321	0.3111	0.8944	0.8390	0.3857	0.2108	0.5804	0.8798	0.5177	0.6999

TABLE 31-14 DISEASES OF CIRCULATORY SYSTEM EXCEPT CEREBROVASCULAR DISEASE

TABLE 31-14

NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	440	75	163	108	42	25	18	3	6		
	EXP.	76.0	183.9	104.5	30.5	22.6	11.8	5.0	5.8			
	OBS./EXP. RELATIVE RISK	0.987	0.887	1.033	1.379	1.104	1.530	0.600	1.040			
	TEST PROB.	1.000	1.128	1.505	1.205	1.671	0.655	1.135				
	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.	
	0.2403	0.0470	0.2929	0.0836	0.7539	0.4403	0.1000	0.1613	0.2059	0.1248	0.1176	
1950-54	OBS. EXP.	52	12	11	16	6	3	2	0	2		
	RELATIVE RISK	1.308	0.515	1.293	1.714	1.049	1.382	0.000	2.801			
	TEST PROB.	0.1439	0.1408	0.4202	0.4011	0.8015	0.2155	0.0878	0.2586	0.2766	0.1037	0.0898
1955-58	OBS. EXP.	39	6	14	8	6	2	3	0	0		
	RELATIVE RISK	0.945	0.844	0.822	2.206	1.057	3.214	0.000	0.000			
	TEST PROB.	0.5729	0.1098	0.3918	0.1187	0.7948	0.7979	0.3540	0.3332	0.3321	0.1814	0.2690
1959-62	OBS. EXP.	47	6	21	10	5	2	2	0	1		
	RELATIVE RISK	0.779	1.058	0.869	1.493	0.865	1.645	0.000	1.862			
	TEST PROB.	0.6271	0.3611	0.5947	0.3975	0.3111	0.3087	0.4568	0.4286	0.4184	0.8890	0.2740
1963-66	OBS. EXP.	49	9	13	16	4	5	2	0	0		
	RELATIVE RISK	1.096	0.629	1.360	1.129	2.076	1.566	0.000	0.000			
	TEST PROB.	0.1265	0.4236	0.1126	0.4405	0.8037	0.3056	0.1272	0.1915	0.4347	0.2597	0.4165
1967-70	OBS. EXP.	68	8	26	22	4	5	1	1	1		
	RELATIVE RISK	0.660	0.911	1.409	0.816	1.544	0.560	1.198	1.060			
	TEST PROB.	0.1031	0.5439	0.2711	0.7001	0.3521	0.3837	0.1491	0.3453	0.5364	0.5617	0.3727
1971-74	OBS. EXP.	86	13	38	14	11	5	3	1	1		
	RELATIVE RISK	0.832	1.041	0.744	1.761	1.142	1.283	0.985	0.931			
	TEST PROB.	0.7669	0.1298	0.4345	0.4114	0.5238	0.5720	0.4667	0.4674	0.4302	0.5667	0.2937
1975-78	OBS. EXP.	99	21	40	22	6	3	5	1	1		
	RELATIVE RISK	1.205	0.956	1.004	0.927	0.526	1.806	0.775	0.631			
	TEST PROB.	0.5571	0.6142	0.3373	0.2647	0.6671	0.7202	0.5794	0.6800	0.4905	0.7441	0.6074

TABLE 32-1 DISEASES OF BLOOD AND BLOOD-FORMING ORGANS

TABLE 32-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD								
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H
1950-78	OBS. TOTAL	132	38	32	29	10	7	7	3	6
	EXP.	52.7	36.9	25.4	7.5	5.1	2.2	1.0	1.3	1.3
	OBS./EXP. RELATIVE RISK	0.720	0.868	1.143	1.326	1.376	3.252	3.076	4.744	6.072
	TEST PROB.	0.1310	0.1747	0.1973	0.0072	0.0925	0.0010	0.0781	0.0004	0.0000
1950-54	OBS. TOTAL	18	3	3	5	0	2	2	0	3
	EXP.	7.2	5.1	3.3	1.0	0.7	0.3	0.1	0.2	0.2
	OBS./EXP. RELATIVE RISK	0.415	0.588	1.504	0.000	2.726	6.509	0.000	15.347	31.523
	TEST PROB.	0.1305	0.2072	0.0865	0.0481	0.7661	0.0000	0.2053	0.0004	0.0005
1955-58	OBS. TOTAL	20	6	3	5	3	0	1	2	0
	EXP.	8.4	5.3	3.7	1.1	0.8	0.3	0.2	0.2	0.2
	OBS./EXP. RELATIVE RISK	0.713	0.561	1.364	2.641	0.000	3.115	12.732	0.000	0.000
	TEST PROB.	0.2427	0.1041	0.2102	0.2602	0.0074	0.7775	0.1114	0.1850	0.0389
1959-62	OBS. TOTAL	23	6	6	5	2	0	3	0	1
	EXP.	9.7	6.1	4.5	1.3	0.8	0.3	0.1	0.2	0.2
	OBS./EXP. RELATIVE RISK	0.617	0.988	1.118	1.552	0.000	9.272	0.000	5.645	7.432
	TEST PROB.	0.4107	0.4460	0.8055	0.0020	0.7699	0.2509	0.3117	0.0665	0.0028
1963-66	OBS. TOTAL	25	8	7	4	2	2	1	1	0
	EXP.	10.0	7.0	4.8	1.4	1.0	0.4	0.2	0.2	0.2
	OBS./EXP. RELATIVE RISK	0.803	1.002	0.825	1.404	2.094	2.346	5.152	0.000	0.000
	TEST PROB.	0.5765	0.3813	0.4163	0.2910	0.2607	0.7834	0.4318	0.2341	0.3526
1967-70	OBS. TOTAL	16	4	6	5	0	1	0	0	0
	EXP.	6.1	4.5	3.2	0.9	0.6	0.3	0.1	0.1	0.2
	OBS./EXP. RELATIVE RISK	0.653	1.330	1.556	0.000	1.546	0.000	0.000	0.000	0.000
	TEST PROB.	0.3473	0.8431	0.3518	0.7940	0.7740	0.7795	0.4378	0.5564	0.8188
1971-74	OBS. TOTAL	16	5	3	4	1	1	0	0	2
	EXP.	6.7	4.4	3.0	0.9	0.6	0.2	0.1	0.1	0.1
	OBS./EXP. RELATIVE RISK	0.747	0.683	1.315	1.176	1.724	0.000	0.000	14.845	20.576
	TEST PROB.	0.3490	0.3380	0.2890	0.7767	0.7675	0.0013	0.3287	0.0957	0.0907
1975-78	OBS. TOTAL	14	6	4	1	2	1	0	0	0
	EXP.	4.6	4.5	2.7	0.9	0.7	0.3	0.1	0.1	0.2
	OBS./EXP. RELATIVE RISK	1.305	0.886	0.344	2.226	1.506	0.000	0.000	0.000	0.000
	TEST PROB.	0.8483	0.4061	0.3454	0.7954	0.7788	0.7807	0.6940	0.6431	0.8243

TABLE 33-1 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	
		A	B	C	D	E	F	G	H		
1950-78	OBS.	1822	751	498	350	88	70	32	9	24	
TOTAL	EXP.	730.3	516.5	350.0	100.2	67.2	27.7	12.5	17.5		
	OBS./EXP.	1.028	0.964	1.000	0.878	1.041	1.157	0.717	1.368		
	RELATIVE RISK	1.000		0.998	0.877	1.040	1.155	0.716	1.366		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.5275	0.8264	0.4576	0.3205	0.7938	0.1677	0.6617	0.2992	0.2773	0.4327	0.1787
1950-54	OBS.	323	130	95	67	12	14	2	2	1	
	EXP.	126.1	93.7	63.2	17.9	11.9	4.7	2.2	3.3		
	OBS./EXP.	1.031	1.014	1.061	0.670	1.175	0.424	0.914	0.306		
	RELATIVE RISK	1.000		1.036	0.654	1.148	0.414	0.893	0.299		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.4549	0.8707	0.4285	0.8586	0.6049	0.8605	0.6255	0.7312	0.9014	0.5505	0.9406
1955-58	OBS.	291	135	72	54	12	12	1	1	4	
	EXP.	116.4	82.6	56.3	16.2	10.4	4.3	2.0	2.7		
	OBS./EXP.	1.160	0.871	0.959	0.739	1.151	0.230	0.508	1.500		
	RELATIVE RISK	1.000		0.922	0.710	1.107	0.221	0.488	1.442		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.5567	0.3265	0.4894	0.9088	0.7660	0.4188	0.7612	0.6650	0.8110	0.1977	0.7011
1959-62	OBS.	250	103	76	45	10	10	3	1	2	
	EXP.	99.0	71.0	48.7	14.4	9.1	3.7	1.7	2.3		
	OBS./EXP.	1.040	1.070	0.925	0.692	1.094	0.815	0.591	0.858		
	RELATIVE RISK	1.000		0.879	0.658	1.039	0.774	0.562	0.815		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.7270	0.3440	0.4561	0.6841	0.7355	0.6417	0.8198	0.6438	0.7395	0.9101	0.7707
1963-66	OBS.	245	94	62	55	16	4	1	4		
	EXP.	99.9	68.0	47.1	13.4	8.9	3.7	1.7	2.3		
	OBS./EXP.	0.941	0.912	1.168	1.198	0.447	2.419	0.603	1.712		
	RELATIVE RISK	1.000		1.256	1.289	0.481	2.603	0.649	1.842		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.1727	0.2955	0.9873	0.0362	0.7059	0.3062	0.1380	0.3915	0.0623	0.0433	0.0701
1967-70	OBS.	253	103	73	45	14	12	2	2	2	
	EXP.	104.1	70.3	47.8	13.5	9.3	4.0	1.7	2.4		
	OBS./EXP.	0.990	1.038	0.942	1.037	1.287	0.505	1.188	0.851		
	RELATIVE RISK	1.000		0.933	1.028	1.275	0.500	1.177	0.843		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.6498	0.4708	0.3365	0.8154	0.4074	0.6361	0.6169	0.4668	0.7442	0.9511	0.5722
1971-74	OBS.	227	84	63	39	15	10	9	0	7	
	EXP.	91.9	64.5	42.6	12.2	8.5	3.6	1.6	2.1		
	OBS./EXP.	0.914	0.977	0.914	1.233	1.178	2.484	0.000	3.265		
	RELATIVE RISK	1.000		0.973	1.312	1.253	2.642	0.000	3.472		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.5607	0.2707	0.3901	0.0290	0.8702	0.0168	0.4410	0.0409	0.0146	0.0018	0.0002
1975-78	OBS.	233	102	57	45	9	8	6	2	4	
	EXP.	93.3	66.5	44.3	12.4	9.0	3.7	1.7	2.2		
	OBS./EXP.	1.093	0.857	1.017	0.725	0.893	1.643	1.166	1.816		
	RELATIVE RISK	1.000		1.022	0.728	0.898	1.651	1.172	1.825		
TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
PROB.	0.4761	0.7812	0.6102	0.2344	0.3981	0.2792	0.6047	0.2829	0.1470	0.5063	0.1186

TABLE 33-2 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-2

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	37	13	13	5	4	0	2	0	0	
	EXP.	12.8	11.9	8.1	1.9	1.1	0.6	0.2	0.2	0.4	
	OBS./EXP. RELATIVE RISK	1.018 1.000	1.089 1.000	0.621 0.590	2.084 1.981	0.000 0.000	3.351 3.184	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8226	AB=D? 0.2920	AB=E? 0.8592	AB=F? 0.3127	AB=G? 0.7903	AB=H? 0.8056	AB=CD? 0.6533	AB=E-H? 0.6736	AB=FGH? HOMO. 0.3812 0.2879	TREND. 0.5173
1950-54	OBS. TOTAL	10	3	2	3	2	0	0	0	0	
	EXP.	3.6	3.1	2.1	0.5	0.3	0.2	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	0.827 1.000	0.636 1.000	1.410 1.910	3.924 5.313	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.4250	AB=D? 0.1894	AB=E? 0.7871	AB=F? 0.7762	AB=G? 0.7669	AB=H? 0.7714	AB=CD? 0.2109	AB=E-H? 0.3133	AB=FGH? HOMO. 0.7916 0.5587	TREND. 0.5361
1955-58	OBS. TOTAL	4	2	1	0	1	0	0	0	0	
	EXP.	1.6	1.2	0.8	0.2	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	1.246 1.000	0.841 1.000	0.000 0.000	5.336 4.970	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8414	AB=D? 0.2637	AB=E? 0.7715	AB=F? 0.7655	AB=G? 0.7626	AB=H? 0.7632	AB=CD? 0.5731	AB=E-H? 0.7811	AB=FGH? HOMO. 0.7706 0.6939	TREND. 0.5455
1959-62	OBS. TOTAL	3	0	3	0	0	0	0	0	0	
	EXP.	0.6	1.2	0.8	0.2	0.1	0.1	0.0	0.0	0.1	
	OBS./EXP. RELATIVE RISK	0.000 1.000	2.553 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8786	AB=D? 0.8016	AB=E? 0.7886	AB=F? 0.7779	AB=G? 0.7675	AB=H? 0.7724	AB=CD? 0.8958	AB=E-H? 0.8174	AB=FGH? HOMO. 0.7947 0.7016	TREND. 0.6906
1963-66	OBS. TOTAL	4	4	0	0	0	0	0	0	0	
	EXP.	1.6	1.2	0.8	0.2	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	2.484 1.000	0.000 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8686	AB=D? 0.7945	AB=E? 0.7303	AB=F? 0.7718	AB=G? 0.7652	AB=H? 0.7674	AB=CD? 0.8838	AB=E-H? 0.7996	AB=FGH? HOMO. 0.7826 0.5025	TREND. 0.7708
1967-70	OBS. TOTAL	5	1	2	1	1	0	0	0	0	
	EXP.	2.1	1.5	1.0	0.2	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	0.479 1.000	1.375 1.000	1.008 1.190	4.331 5.114	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.4011	AB=D? 0.2638	AB=E? 0.7774	AB=F? 0.7695	AB=G? 0.7643	AB=H? 0.7669	AB=CD? 0.3710	AB=E-H? 0.7942	AB=FGH? HOMO. 0.7793 0.8236	TREND. 0.5133
1971-74	OBS. TOTAL	2	0	1	0	0	0	1	0	0	
	EXP.	0.4	0.8	0.5	0.1	0.1	0.1	0.0	0.0	0.0	
	OBS./EXP. RELATIVE RISK	0.000 1.000	1.277 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	19.731 23.065	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.8338	AB=D? 0.7823	AB=E? 0.7755	AB=F? 0.2446	AB=G? 0.7662	AB=H? 0.7664	AB=CD? 0.8470	AB=E-H? 0.2589	AB=FGH? HOMO. 0.2500 0.0082	TREND. 0.0793
1975-78	OBS. TOTAL	9	3	4	1	0	0	1	0	0	
	EXP.	2.9	3.0	2.0	0.5	0.3	0.2	0.1	0.1	0.1	
	OBS./EXP. RELATIVE RISK	1.045 1.000	1.332 1.000	0.493 0.414	0.000 0.000	0.000 0.000	0.000 0.000	6.539 5.487	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.6111	AB=D? 0.8259	AB=E? 0.8053	AB=F? 0.2637	AB=G? 0.7724	AB=H? 0.7791	AB=CD? 0.8513	AB=E-H? 0.3764	AB=FGH? HOMO. 0.2960 0.4831	TREND. 0.4586

TABLE 33-3 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-3

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	100	34	33	13	3	8	5	0	4		
	EXP.		38.5	31.8	15.6	4.7	4.8	2.2	1.0	1.5		
	OBS./EXP.		0.883	1.038	0.835	0.637	1.660	2.309	0.000	2.722		
	RELATIVE RISK		1.000		0.876	0.669	1.742	2.423	0.000	2.855		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6514	0.7383	0.2049	0.1529	0.8381	0.1256	0.7068	0.0681	0.1093	0.0706	0.0081
1950-54	OBS. EXP.	5	1	2	1	0	1	0	0	0		
	EXP.		1.8	1.7	0.7	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.		0.567	1.191	1.336	0.000	3.457	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.533	0.000	3.967	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3308	0.7904	0.2744	0.7770	0.7666	0.7714	0.3748	0.3170	0.7918	0.9034	0.4813
1955-58	OBS. EXP.	9	7	1	0	0	1	0	0	0		
	EXP.		4.1	2.6	1.4	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.		1.716	0.386	0.000	0.000	3.629	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	3.025	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8884	0.2046	0.2816	0.7764	0.7720	0.7749	0.9051	0.3471	0.7991	0.4254	0.5420
1959-62	OBS. EXP.	5	2	2	0	0	1	0	0	0		
	EXP.		2.0	1.5	0.2	0.2	0.2	0.1	0.0	0.1		
	OBS./EXP.		0.992	1.319	0.000	0.000	4.586	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	4.051	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8491	0.7957	0.2680	0.7784	0.7681	0.7725	0.8675	0.3044	0.7953	0.7522	0.4620
1963-66	OBS. EXP.	9	2	3	2	0	0	2	0	0		
	EXP.		3.6	2.6	1.5	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP.		0.554	1.139	1.329	0.000	0.000	11.311	0.000	0.000		
	RELATIVE RISK		1.000		1.660	0.000	0.000	14.123	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3738	0.3006	0.3009	0.0368	0.7697	0.7737	0.3788	0.3768	0.1614	0.0038	0.0746
1967-70	OBS. EXP.	22	5	7	4	1	2	1	0	2		
	EXP.		8.5	7.0	3.4	1.0	1.1	0.5	0.2	0.3		
	OBS./EXP.		0.590	1.003	1.178	0.965	1.850	1.995	0.000	6.430		
	RELATIVE RISK		1.000		1.517	1.243	2.383	2.570	0.000	8.282		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4378	0.3730	0.4378	0.2947	0.7792	0.0735	0.4201	0.1076	0.1361	0.0862	0.0032
1971-74	OBS. EXP.	25	7	12	2	1	2	1	0	1		
	EXP.		9.5	8.6	4.0	1.3	1.4	0.6	0.3	0.4		
	OBS./EXP.		0.739	1.391	0.503	0.785	1.462	1.611	0.000	2.429		
	RELATIVE RISK		1.000		0.479	0.748	1.392	1.534	0.000	2.314		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8143	0.6623	0.3894	0.3519	0.7899	0.2963	0.8002	0.4317	0.3795	0.6921	0.2070
1975-78	OBS. EXP.	24	10	6	4	1	1	1	0	1		
	EXP.		9.1	7.7	3.8	1.1	1.2	0.5	0.2	0.4		
	OBS./EXP.		1.097	0.780	1.064	0.972	0.845	1.937	0.000	2.829		
	RELATIVE RISK		1.000		1.117	0.916	0.888	2.035	0.000	2.971		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4217	0.5953	0.5734	0.3120	0.7835	0.2818	0.4378	0.4152	0.4077	0.9352	0.2252

TABLE 33-4 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-4

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	187	83	37	36	17	7	4	0	3		
	EXP.		74.3	53.4	32.7	10.2	8.0	4.0	1.9	2.4		
	OBS./EXP. RELATIVE RISK		1.116 1.000	0.693	1.099 1.170	1.659 1.766	0.275 0.931	1.012 1.077	0.000 0.000	1.245 1.325		
	TEST PROB.	AB=C? 0.3205	AB=D? 0.0925	AB=E? 0.6609	AB=F? 0.4634	AB=G? 0.8901	AB=H? 0.4108	AB=CD? 0.1428	AB=E-H? 0.6685	AB=FGH? 0.6414	HOMO. 0.0698	TREND. 0.4937
1950-54	OBS. EXP.	17	5 6.9	5 4.8	5 3.0	2 0.9	0 0.7	0 0.3	0 0.2	0 0.2		
	OBS./EXP. RELATIVE RISK		0.729 1.000	1.039	1.639 1.913	2.162 2.523	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2865	AB=D? 0.4397	AB=E? 0.8310	AB=F? 0.8014	AB=G? 0.7809	AB=H? 0.7849	AB=CD? 0.2037	AB=E-H? 0.8766	AB=FGH? 0.8332	HOMO. 0.7359	TREND. 0.7584
1955-58	OBS. EXP.	27	11 10.0	4 7.6	6 4.7	4 1.7	2 1.4	0 0.8	0 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK		1.105 1.000	0.523	1.276 1.497	2.297 2.695	1.382 1.622	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3625	AB=D? 0.1955	AB=E? 0.3775	AB=F? 0.8327	AB=G? 0.7965	AB=H? 0.7974	AB=CD? 0.1923	AB=E-H? 0.6881	AB=FGH? 0.8732	HOMO. 0.4418	TREND. 0.6913
1959-62	OBS. EXP.	13	8 5.2	3 3.5	1 2.2	0 0.8	1 0.6	0 0.3	0 0.1	0 0.2		
	OBS./EXP. RELATIVE RISK		1.529 1.000	0.852	0.449 0.358	0.000 0.000	1.641 1.306	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8278	AB=D? 0.8454	AB=E? 0.3857	AB=F? 0.8049	AB=G? 0.7823	AB=H? 0.7840	AB=CD? 0.8785	AB=E-H? 0.7226	AB=FGH? 0.8359	HOMO. 0.7859	TREND. 0.8031
1963-66	OBS. EXP.	25	10 9.5	2 7.4	9 4.5	3 1.4	0 1.1	1 0.6	0 0.3	0 0.3		
	OBS./EXP. RELATIVE RISK		1.052 1.000	0.272	2.021 2.541	2.160 3.037	0.000 0.000	1.784 2.508	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.0627	AB=D? 0.2281	AB=E? 0.8467	AB=F? 0.3035	AB=G? 0.7876	AB=H? 0.7296	AB=CD? 0.0426	AB=E-H? 0.7438	AB=FGH? 0.4417	HOMO. 0.0836	TREND. 0.6276
1967-70	OBS. EXP.	29	18 11.0	5 8.6	4 5.1	2 1.6	0 1.3	0 0.6	0 0.3	0 0.4		
	OBS./EXP. RELATIVE RISK		1.633 1.000	0.581	0.778 0.664	1.258 1.082	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7574	AB=D? 0.5153	AB=E? 0.8795	AB=F? 0.8334	AB=G? 0.8011	AB=H? 0.8085	AB=CD? 0.7161	AB=E-H? 0.9340	AB=FGH? 0.3823	HOMO. 0.2237	TREND. 0.9471
1971-74	OBS. EXP.	30	12 12.1	9 8.5	3 5.1	1 1.6	2 1.3	2 0.7	0 0.3	1 0.4		
	OBS./EXP. RELATIVE RISK		0.995 1.000	1.055	0.526 0.574	0.622 0.610	1.530 1.500	3.066 3.007	0.000 0.000	2.574 2.525		
	TEST PROB.	AB=C? 0.7930	AB=D? 0.5813	AB=E? 0.3796	AB=F? 0.2249	AB=G? 0.7903	AB=H? 0.2860	AB=CD? 0.8023	AB=E-H? 0.2366	AB=FGH? 0.2237	HOMO. 0.5826	TREND. 0.1073
1975-78	OBS. EXP.	46	19 19.7	9 13.0	8 5.0	5 2.2	2 1.6	1 0.7	0 0.4	2 0.5		
	OBS./EXP. RELATIVE RISK		0.966 1.000	0.694	0.997 1.162	2.284 2.662	1.275 1.186	1.443 1.681	0.000 0.000	3.349 4.486		
	TEST PROB.	AB=C? 0.4524	AB=D? 0.1369	AB=E? 0.3817	AB=F? 0.3363	AB=G? 0.7966	AB=H? 0.1877	AB=CD? 0.2523	AB=E-H? 0.2733	AB=FGH? 0.3099	HOMO. 0.2042	TREND. 0.0286

TABLE 33-5 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-5

HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	595	237	162	115	31	27	13	4	6		
	EXP.	240.4	162.5	114.8	32.5	24.6	9.3	4.3	6.6			
	OBS./EXP. RELATIVE RISK	0.986	0.997	1.001	0.954	1.098	1.399	0.927	0.913	0.922		
	TEST PROB.	AB=C? 0.4930	AB=D? 0.5925	AB=E? 0.3896	AB=F? 0.2185	AB=G? 0.5777	AB=H? 0.5988	AB=CD? 0.5066	AB=E-H? 0.2888	AB=FGH? 0.3389	HOMO. 0.9641	TREND. 0.3331
1950-54	OBS. EXP.	80	37	19	13	2	6	2	1	0		
	EXP.	30.7	22.5	15.4	4.6	3.6	1.4	0.7	1.0			
	OBS./EXP. RELATIVE RISK	1.204	0.843	0.843	0.436	1.689	1.413	1.396	0.000	0.000		
	TEST PROB.	AB=C? 0.7223	AB=D? 0.8498	AB=E? 0.2756	AB=F? 0.3830	AB=G? 0.3545	AB=H? 0.8472	AB=CD? 0.8194	AB=E-H? 0.3579	AB=FGH? 0.5764	HOMO. 0.4458	TREND. 0.6344
1955-58	OBS. EXP.	63	25	19	13	2	2	0	0	2		
	EXP.	24.4	17.8	12.3	3.5	2.6	1.1	0.5	0.3			
	OBS./EXP. RELATIVE RISK	1.026	1.070	1.053	0.565	0.758	0.000	0.000	2.636	2.525		
	TEST PROB.	AB=C? 0.4668	AB=D? 0.7832	AB=E? 0.6758	AB=F? 0.8462	AB=G? 0.8100	AB=H? 0.3541	AB=CD? 0.6214	AB=E-H? 0.6838	AB=FGH? 0.6356	HOMO. 0.7107	TREND. 0.4943
1959-62	OBS. EXP.	74	29	20	13	7	3	1	1	0		
	EXP.	29.4	20.6	14.1	4.1	3.2	1.2	0.6	0.9			
	OBS./EXP. RELATIVE RISK	0.987	0.971	0.919	1.707	1.741	0.949	0.835	1.801	0.000		
	TEST PROB.	AB=C? 0.5914	AB=D? 0.2241	AB=E? 0.5686	AB=F? 0.6344	AB=G? 0.3186	AB=H? 0.8358	AB=CD? 0.4295	AB=E-H? 0.6381	AB=FGH? 0.6770	HOMO. 0.8411	TREND. 0.6018
1963-66	OBS. EXP.	85	32	27	14	5	2	3	0	2		
	EXP.	34.4	23.4	16.3	4.5	3.5	1.3	0.6	1.0			
	OBS./EXP. RELATIVE RISK	0.931	1.155	0.858	1.101	0.567	2.290	0.000	2.074	2.031		
	TEST PROB.	AB=C? 0.7039	AB=D? 0.4362	AB=E? 0.7804	AB=F? 0.2639	AB=G? 0.8152	AB=H? 0.4935	AB=CD? 0.6570	AB=E-H? 0.4413	AB=FGH? 0.2624	HOMO. 0.5784	TREND. 0.2128
1967-70	OBS. EXP.	97	34	27	20	6	9	0	1	0		
	EXP.	41.0	25.4	18.5	5.1	3.9	1.4	0.6	1.0			
	OBS./EXP. RELATIVE RISK	0.828	1.062	1.079	1.174	2.306	0.000	1.651	0.000	0.000		
	TEST PROB.	AB=C? 0.3709	AB=D? 0.4473	AB=E? 0.0526	AB=F? 0.8623	AB=G? 0.3224	AB=H? 0.8399	AB=CD? 0.3272	AB=E-H? 0.2282	AB=FGH? 0.8315	HOMO. 0.1411	TREND. 0.4564
1971-74	OBS. EXP.	98	38	24	19	8	3	4	0	2		
	EXP.	40.6	26.2	19.1	5.2	3.8	1.4	0.6	0.9			
	OBS./EXP. RELATIVE RISK	0.935	0.915	0.996	1.540	0.780	2.770	0.000	2.141	2.309		
	TEST PROB.	AB=C? 0.4883	AB=D? 0.2332	AB=E? 0.6441	AB=F? 0.1122	AB=G? 0.8175	AB=H? 0.4195	AB=CD? 0.3252	AB=E-H? 0.2999	AB=FGH? 0.1532	HOMO. 0.2914	TREND. 0.0625
1975-78	OBS. EXP.	98	42	26	23	1	2	3	1	0		
	EXP.	39.9	26.8	19.0	5.3	4.0	1.4	0.6	0.9			
	OBS./EXP. RELATIVE RISK	1.052	0.971	1.209	0.190	0.499	2.082	1.581	0.000	0.000		
	TEST PROB.	AB=C? 0.3434	AB=D? 0.9283	AB=E? 0.7977	AB=F? 0.2650	AB=G? 0.3259	AB=H? 0.8342	AB=CD? 0.5664	AB=E-H? 0.6022	AB=FGH? 0.4236	HOMO. 0.3088	TREND. 0.7554

TABLE 33-6 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-6

		HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+										
		T-65 TOTAL DOSE IN RAD										
YEAR CLASS	TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+			
		A	B	C	D	E	F	G	H			
1950-78	OBS. TOTAL	903	384	253	181	33	28	8	5	11		
	EXP.	364.3	256.9	178.8	50.9	28.7	11.7	5.1	6.7			
	OBS./EXP. RELATIVE RISK	1.054	0.985	1.012	0.649	0.975	0.687	0.988	1.640			
		1.000		0.987	0.633	0.951	0.669	0.963	1.599			
	TEST PROB.	AB=C? 0.5550	AB=D? 0.9708	AB=E? 0.5929	AB=F? 0.8177	AB=G? 0.5636	AB=H? 0.1709	AB=CD? 0.8127	AB=E-H? 0.5741	AB=FGH? 0.5250	HOMO. 0.1187	TREND. 0.5380
1950-54	OBS. EXP.	211	84	67	45	6	7	0	1	1		
		83.1	61.5	41.8	11.6	7.1	2.7	1.2	1.8			
	OBS./EXP. RELATIVE RISK	1.010	1.089	1.076	0.515	0.981	0.000	0.834	0.547			
		1.000		1.031	0.494	0.940	0.000	0.799	0.524			
	TEST PROB.	AB=C? 0.4854	AB=D? 0.9122	AB=E? 0.5818	AB=F? 0.9189	AB=G? 0.6423	AB=H? 0.7490	AB=CD? 0.6795	AB=E-H? 0.8219	AB=FGH? 0.9021	HOMO. 0.4696	TREND. 0.9445
1955-58	OBS. EXP.	188	90	47	35	5	7	1	1	2		
		76.4	53.4	37.1	10.4	6.0	2.3	1.0	1.4			
	OBS./EXP. RELATIVE RISK	1.179	0.879	0.945	0.479	1.174	0.426	1.001	1.443			
		1.000		0.895	0.454	1.112	0.403	0.949	1.367			
	TEST PROB.	AB=C? 0.6757	AB=D? 0.9172	AB=E? 0.4431	AB=F? 0.8124	AB=G? 0.5799	AB=H? 0.3854	AB=CD? 0.8252	AB=E-H? 0.5956	AB=FGH? 0.6874	HOMO. 0.3673	TREND. 0.6704
1959-62	OBS. EXP.	155	64	48	31	3	5	2	0	2		
		61.8	44.2	30.7	9.1	5.0	2.0	0.9	1.2			
	OBS./EXP. RELATIVE RISK	1.036	1.085	1.009	0.328	0.994	1.003	0.000	1.711			
		1.000		0.955	0.310	0.941	0.949	0.000	1.620			
	TEST PROB.	AB=C? 0.5841	AB=D? 0.9457	AB=E? 0.5574	AB=F? 0.5515	AB=G? 0.8388	AB=H? 0.3976	AB=CD? 0.7976	AB=E-H? 0.5680	AB=FGH? 0.5687	HOMO. 0.5318	TREND. 0.6649
1963-66	OBS. EXP.	122	46	30	30	8	2	3	1	2		
		50.8	33.4	24.0	6.8	3.8	1.6	0.7	0.9			
	OBS./EXP. RELATIVE RISK	0.905	0.899	1.250	1.177	0.528	1.850	1.439	2.272			
		1.000		1.385	1.304	0.585	2.050	1.595	2.518			
	TEST PROB.	AB=C? 0.1635	AB=D? 0.3787	AB=E? 0.7678	AB=F? 0.3110	AB=G? 0.3371	AB=H? 0.4040	AB=CD? 0.1489	AB=E-H? 0.4167	AB=FGH? 0.1755	HOMO. 0.5223	TREND. 0.0764
1967-70	OBS. EXP.	100	45	32	16	4	1	1	1	0		
		41.4	27.9	19.7	5.5	2.9	1.4	0.5	0.6			
	OBS./EXP. RELATIVE RISK	1.086	1.148	0.812	0.722	0.342	0.731	1.929	0.000			
		1.000		0.731	0.650	0.308	0.658	1.736	0.000			
	TEST PROB.	AB=C? 0.8214	AB=D? 0.7626	AB=E? 0.3505	AB=F? 0.6892	AB=G? 0.3223	AB=H? 0.8208	AB=CD? 0.8532	AB=E-H? 0.8356	AB=FGH? 0.6896	HOMO. 0.7152	TREND. 0.8824
1971-74	OBS. EXP.	71	27	17	15	5	3	1	0	3		
		29.3	20.3	14.0	4.0	1.9	0.9	0.4	0.4			
	OBS./EXP. RELATIVE RISK	0.921	0.838	1.074	1.263	1.594	1.170	0.000	7.971			
		1.000		1.211	1.424	1.797	1.319	0.000	8.986			
	TEST PROB.	AB=C? 0.3700	AB=D? 0.3874	AB=E? 0.3409	AB=F? 0.3554	AB=G? 0.7930	AB=H? 0.0064	AB=CD? 0.3109	AB=E-H? 0.0977	AB=FGH? 0.1288	HOMO. 0.0044	TREND. 0.0005
1975-78	OBS. EXP.	56	28	12	9	2	3	0	1	1		
		21.7	16.0	11.4	3.3	1.9	0.8	0.4	0.3			
	OBS./EXP. RELATIVE RISK	1.288	0.749	0.787	0.602	1.573	0.000	2.442	3.099			
		1.000		0.743	0.568	1.485	0.000	2.305	2.925			
	TEST PROB.	AB=C? 0.7456	AB=D? 0.7634	AB=E? 0.4572	AB=F? 0.8311	AB=G? 0.2928	AB=H? 0.2811	AB=CD? 0.7929	AB=E-H? 0.4252	AB=FGH? 0.3268	HOMO. 0.3534	TREND. 0.2568

TABLE 33-7 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-7

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	982	395	274	182	50	38	19	6	18		
	EXP.		392.2	278.8	179.3	54.2	42.0	16.5	7.4	11.6		
	OBS./EXP. RELATIVE RISK		1.007 1.000	0.983	1.015 1.018	0.923 0.926	0.906 0.908	1.149 1.152	0.813 0.816	1.551 1.556		
	TEST PROB.	AB=C? 0.4609	AB=D? 0.6903	AB=E? 0.7135	AB=F? 0.3996	AB=G? 0.6893	AB=H? 0.1243	AB=CD? 0.5306	AB=E-H? 0.4414	AB=FGH? 0.2256	HOMO. 0.6692	TREND. 0.1239
1950-54	OBS. TOTAL	192	75	54	45	7	8	1	2	0		
	EXP.		75.6	55.1	36.2	10.5	7.9	3.0	1.4	2.3		
	OBS./EXP. RELATIVE RISK		0.992 1.000	0.980	1.243 1.259	0.665 0.674	1.012 1.025	0.337 0.341	1.432 1.451	0.000 0.000		
	TEST PROB.	AB=C? 0.1969	AB=D? 0.8087	AB=E? 0.5124	AB=F? 0.8488	AB=G? 0.3837	AB=H? 0.9043	AB=CD? 0.3387	AB=E-H? 0.7731	AB=FGH? 0.8788	HOMO. 0.4006	TREND. 0.9314
1955-58	OBS. TOTAL	152	65	45	25	6	7	1	0	3		
	EXP.		60.8	42.8	27.9	8.6	6.4	2.6	1.2	1.7		
	OBS./EXP. RELATIVE RISK		1.069 1.000	1.051	0.895 0.843	0.701 0.661	1.094 1.030	0.383 0.361	0.000 0.000	1.717 1.618		
	TEST PROB.	AB=C? 0.7265	AB=D? 0.3045	AB=E? 0.4571	AB=F? 0.8272	AB=G? 0.8552	AB=H? 0.4228	AB=CD? 0.7999	AB=E-H? 0.6555	AB=FGH? 0.7444	HOMO. 0.7039	TREND. 0.6228
1959-62	OBS. TOTAL	139	57	44	23	7	4	2	1	1		
	EXP.		55.3	39.0	25.6	8.2	6.0	2.3	1.0	1.6		
	OBS./EXP. RELATIVE RISK		1.030 1.000	1.127	0.899 0.840	0.855 0.799	0.667 0.623	0.888 0.829	0.980 0.916	0.619 0.578		
	TEST PROB.	AB=C? 0.7329	AB=D? 0.7016	AB=E? 0.7958	AB=F? 0.6590	AB=G? 0.6014	AB=H? 0.7320	AB=CD? 0.7623	AB=E-H? 0.8124	AB=FGH? 0.7128	HOMO. 0.9558	TREND. 0.8135
1963-66	OBS. TOTAL	136	54	37	24	11	2	4	1	3		
	EXP.		55.4	37.7	25.0	7.6	5.7	2.2	0.9	1.5		
	OBS./EXP. RELATIVE RISK		0.974 1.000	0.983	0.961 0.993	1.454 1.488	0.352 0.360	1.813 1.854	1.057 1.081	1.955 2.000		
	TEST PROB.	AB=C? 0.5410	AB=D? 0.2401	AB=E? 0.8936	AB=F? 0.3053	AB=G? 0.4471	AB=H? 0.3368	AB=CD? 0.3950	AB=E-H? 0.5791	AB=FGH? 0.2071	HOMO. 0.4359	TREND. 0.1299
1967-70	OBS. TOTAL	125	48	35	24	6	8	1	1	2		
	EXP.		50.8	35.2	22.4	6.7	5.4	2.2	0.9	1.5		
	OBS./EXP. RELATIVE RISK		0.945 1.000	0.995	1.070 1.108	0.900 0.932	1.478 1.531	0.463 0.479	1.128 1.168	1.347 1.395		
	TEST PROB.	AB=C? 0.4240	AB=D? 0.6143	AB=E? 0.2755	AB=F? 0.7768	AB=G? 0.4041	AB=H? 0.3842	AB=CD? 0.4663	AB=E-H? 0.3599	AB=FGH? 0.6056	HOMO. 0.9343	TREND. 0.3378
1971-74	OBS. TOTAL	111	38	33	17	7	5	6	0	5		
	EXP.		44.4	31.9	19.5	5.9	5.0	2.1	0.9	1.4		
	OBS./EXP. RELATIVE RISK		0.857 1.000	1.034	0.873 0.938	1.187 1.275	1.005 1.079	2.894 3.109	0.000 0.000	3.592 3.859		
	TEST PROB.	AB=C? 0.5875	AB=D? 0.3900	AB=E? 0.4729	AB=F? 0.0426	AB=G? 0.9354	AB=H? 0.0332	AB=CD? 0.4668	AB=E-H? 0.0944	AB=FGH? 0.0206	HOMO. 0.0068	TREND. 0.0007
1975-78	OBS. TOTAL	127	58	26	24	6	4	4	1	4		
	EXP.		49.8	37.0	23.0	6.8	5.7	2.3	1.1	1.4		
	OBS./EXP. RELATIVE RISK		1.165 1.000	0.703	1.044 1.079	0.882 0.912	0.705 0.729	1.728 1.786	0.950 0.982	2.942 3.040		
	TEST PROB.	AB=C? 0.4560	AB=D? 0.6114	AB=E? 0.7144	AB=F? 0.2716	AB=G? 0.4623	AB=H? 0.0967	AB=CD? 0.4746	AB=E-H? 0.2844	AB=FGH? 0.0927	HOMO. 0.1115	TREND. 0.0331

TABLE 33-8 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-8

MIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T=65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	840	356	224	168	38	32	13	3	6		
	EXP.	338.1		237.7	170.7	46.0	25.3	11.1	5.2	5.9		
	OBS./EXP. RELATIVE RISK	1.053	1.000	0.942	0.984 0.977	0.825 0.819	1.267 1.258	1.169 1.161	0.581 0.576	1.010 1.003		
	TEST PROB.	AB=C? 0.5944	AB=D? 0.8158	AB=E? 0.2030	AB=F? 0.3864	AB=G? 0.7935	AB=H? 0.4618	AB=CD? 0.7080	AB=E-H? 0.2750	AB=FGH? 0.5058	HOMO, 0.5041	TREND, 0.4829
1950-54	OBS. EXP.	131	55	41	22	5	6	1	0	1		
	RELATIVE RISK	1.089	1.000	1.062	0.816 0.758	0.676 0.628	1.497 1.390	0.572 0.531	0.000	1.043 0.973		
	TEST PROB.	AB=C? 0.8153	AB=D? 0.7985	AB=E? 0.3800	AB=F? 0.7351	AB=G? 0.8313	AB=H? 0.4480	AB=CD? 0.8587	AB=E-H? 0.5409	AB=FGH? 0.7744	HOMO, 0.7363	TREND, 0.7005
1955-58	OBS. EXP.	139	70	27	29	6	5	0	1	1		
	RELATIVE RISK	1.259	1.000	0.678	1.021 1.004	0.730 0.767	1.242 1.222	0.000	1.222 1.202	1.087 1.069		
	TEST PROB.	AB=C? 0.4751	AB=D? 0.7167	AB=E? 0.4477	AB=F? 0.8817	AB=G? 0.3879	AB=H? 0.4254	AB=CD? 0.5856	AB=E-H? 0.6108	AB=FGH? 0.7736	HOMO, 0.1467	TREND, 0.6796
1959-62	OBS. EXP.	111	46	32	22	3	6	1	0	1		
	RELATIVE RISK	1.053	1.000	0.999	0.953 0.925	0.479 0.465	1.905 1.849	0.701 0.680	0.000	1.401 1.360		
	TEST PROB.	AB=C? 0.6133	AB=D? 0.8574	AB=E? 0.1955	AB=F? 0.6697	AB=G? 0.8197	AB=H? 0.3460	AB=CD? 0.7410	AB=E-H? 0.3515	AB=FGH? 0.6852	HOMO, 0.6130	TREND, 0.4771
1963-66	OBS. EXP.	109	40	25	31	5	2	5	0	1		
	RELATIVE RISK	0.899	1.000	0.825	1.400 1.611	0.263 0.993	0.612 0.704	3.303 3.800	0.000	1.247 1.434		
	TEST PROB.	AB=C? 0.0766	AB=D? 0.5308	AB=E? 0.6970	AB=F? 0.0292	AB=G? 0.8170	AB=H? 0.3503	AB=CD? 0.1088	AB=E-H? 0.2660	AB=FGH? 0.1112	HOMO, 0.0449	TREND, 0.1795
1967-70	OBS. EXP.	128	55	38	21	8	4	1	1	0		
	RELATIVE RISK	1.032	1.000	1.080	0.829 0.788	1.172 1.114	1.022 0.972	0.555 0.528	1.254 1.193	0.000 0.000		
	TEST PROB.	AB=C? 0.7903	AB=D? 0.4555	AB=E? 0.5507	AB=F? 0.7583	AB=G? 0.3963	AB=H? 0.8398	AB=CD? 0.7230	AB=E-H? 0.7235	AB=FGH? 0.7907	HOMO, 0.9259	TREND, 0.8004
1971-74	OBS. EXP.	116	46	30	22	8	5	3	0	2		
	RELATIVE RISK	0.968	1.000	0.921	0.949 1.000	1.277 1.345	1.423 1.499	1.936 2.039	0.000	2.659 2.801		
	TEST PROB.	AB=C? 0.5113	AB=D? 0.3548	AB=E? 0.3388	AB=F? 0.3001	AB=G? 0.8185	AB=H? 0.3065	AB=CD? 0.4612	AB=E-H? 0.1633	AB=FGH? 0.2457	HOMO, 0.5914	TREND, 0.0536
1975-78	OBS. EXP.	106	44	31	21	3	4	2	1	0		
	RELATIVE RISK	1.011	1.000	1.052	0.987 0.960	0.534 0.519	1.219 1.186	1.496 1.456	1.509 1.468	0.000 0.000		
	TEST PROB.	AB=C? 0.5805	AB=D? 0.3294	AB=E? 0.4236	AB=F? 0.3836	AB=G? 0.3464	AB=H? 0.8342	AB=CD? 0.6957	AB=E-H? 0.4457	AB=FGH? 0.4565	HOMO, 0.9012	TREND, 0.6168

TABLE 33-9 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-9

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	1441	674	344	272	62	45	23	6	15	
	EXP.	653.2	374.3	265.9	70.8	43.0	15.5	7.4	10.9		
	OBS./EXP. RELATIVE RISK	1.032	0.919	1.023	0.876	1.047	1.486	0.811	1.377		
	TEST PROB.	AB=C? 0.3836	AB=D? 0.7635	AB=E? 0.4163	AB=F? 0.0975	AB=G? 0.6695	AB=H? 0.2092	AB=CD? 0.4930	AB=E-H? 0.1589	AB=FGH? HOMO, 0.1089	TREND, 0.0892
1950-54	OBS. EXP.	242	110	65	48	8	8	1	2	0	
	RELATIVE RISK	1.002	1.028	1.084	0.670	1.107	0.407	1.659	0.000		
	TEST PROB.	AB=C? 0.4069	AB=D? 0.8218	AB=E? 0.4500	AB=F? 0.8042	AB=G? 0.3958	AB=H? 0.8838	AB=CD? 0.5437	AB=E-H? 0.6714	AB=FGH? HOMO, 0.8137	TREND, 0.6606
1955-58	OBS. EXP.	229	118	52	44	6	7	0	0	2	
	RELATIVE RISK	1.134	0.874	1.042	0.523	1.059	0.000	0.000	1.221		
	TEST PROB.	AB=C? 0.4894	AB=D? 0.9028	AB=E? 0.4670	AB=F? 0.9072	AB=G? 0.8537	AB=H? 0.4018	AB=CD? 0.7065	AB=E-H? 0.7716	AB=FGH? HOMO, 0.8795	TREND, 0.2410
1959-62	OBS. EXP.	195	98	48	33	7	6	1	1	1	
	RELATIVE RISK	1.111	0.955	0.915	0.657	1.016	0.487	1.014	0.717		
	TEST PROB.	AB=C? 0.7201	AB=D? 0.8087	AB=E? 0.5500	AB=F? 0.7769	AB=G? 0.5513	AB=H? 0.6846	AB=CD? 0.7991	AB=E-H? 0.6842	AB=FGH? HOMO, 0.7528	TREND, 0.3785
1963-66	OBS. EXP.	200	88	41	44	13	3	8	1	2	
	RELATIVE RISK	0.969	0.800	1.184	1.316	0.492	3.547	0.997	1.329		
	TEST PROB.	AB=C? 0.1564	AB=D? 0.2189	AB=E? 0.8174	AB=F? 0.0044	AB=G? 0.4077	AB=H? 0.3843	AB=CD? 0.1093	AB=E-H? 0.2222	AB=FGH? HOMO, 0.0218	TREND, 0.0040
1967-70	OBS. EXP.	206	89	55	37	12	9	1	1	2	
	RELATIVE RISK	0.945	1.036	0.973	1.229	1.485	0.437	0.993	1.285		
	TEST PROB.	AB=C? 0.5241	AB=D? 0.3472	AB=E? 0.2315	AB=F? 0.7833	AB=G? 0.4447	AB=H? 0.3850	AB=CD? 0.4531	AB=E-H? 0.3468	AB=FGH? HOMO, 0.6348	TREND, 0.8666
1971-74	OBS. EXP.	182	76	46	32	10	6	7	0	5	
	RELATIVE RISK	0.921	0.969	0.949	1.168	1.122	3.447	0.000	3.617		
	TEST PROB.	AB=C? 0.4757	AB=D? 0.3653	AB=E? 0.4852	AB=F? 0.0119	AB=G? 0.8346	AB=H? 0.0283	AB=CD? 0.4391	AB=E-H? 0.0324	AB=FGH? HOMO, 0.0072	TREND, 0.0013
1975-78	OBS. EXP.	187	95	37	34	6	6	5	1	3	
	RELATIVE RISK	1.135	0.745	0.979	0.675	1.061	2.524	0.958	2.155		
	TEST PROB.	AB=C? 0.5417	AB=D? 0.7841	AB=E? 0.4405	AB=F? 0.1006	AB=G? 0.4891	AB=H? 0.2685	AB=CD? 0.6423	AB=E-H? 0.1643	AB=FGH? HOMO, 0.0824	TREND, 0.0933

TABLE 33-10 DISEASES OF DIGESTIVE SYSTEM

TABLE 33-10

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	381	77	154	78	26	25	9	3	9		
	EXP.	77.1	142.1	84.1	29.4	24.2	12.2	5.1	6.6			
	OBS./EXP. RELATIVE RISK	0.99A	1.083	0.927	0.884	1.032	0.739	0.583	1.353			
		1.000		0.880	0.839	0.980	0.701	0.554	1.285			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.7716	0.7537	0.5623	0.8021	0.8096	0.3565	0.8118	0.6922	0.7371	0.7285	0.6152
1950-54	OBS. EXP.	81	20	30	19	4	6	1	0	1		
		16.3	30.4	18.9	6.0	4.7	2.3	1.0	1.4			
	OBS./EXP. RELATIVE RISK	1.224	0.985	1.006	0.669	1.280	0.442	0.000	0.705			
		1.000		0.941	0.626	1.198	0.414	0.000	0.660			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.5914	0.7843	0.4514	0.8024	0.8469	0.6905	0.6896	0.7039	0.8618	0.8167	0.8459
1955-58	OBS. EXP.	62	17	20	10	4	5	1	1	2		
		12.4	23.1	14.1	4.8	3.8	2.0	0.8	1.0			
	OBS./EXP. RELATIVE RISK	1.376	0.865	0.709	1.257	1.311	0.507	1.220	1.946			
		1.000		0.680	1.205	1.257	0.486	1.170	1.866			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.8113	0.4487	0.4586	0.7653	0.3879	0.4180	0.7190	0.4800	0.4574	0.5863	0.2421
1959-62	OBS. EXP.	55	5	28	12	3	4	2	0	1		
		10.8	20.8	12.6	4.3	3.2	1.6	0.7	0.9			
	OBS./EXP. RELATIVE RISK	0.464	1.347	0.953	0.692	1.236	1.230	0.000	1.069			
		1.000		0.912	0.662	1.183	1.177	0.000	1.023			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.6129	0.7467	0.4210	0.4085	0.3284	0.4609	0.6806	0.4683	0.6262	0.4175	0.5327
1963-66	OBS. EXP.	45	6	21	11	3	1	1	0	2		
		9.1	16.7	9.9	3.5	2.8	1.5	0.7	0.8			
	OBS./EXP. RELATIVE RISK	0.658	1.259	1.107	0.863	0.351	0.683	0.000	2.406			
		1.000		1.058	0.824	0.336	0.652	0.000	2.298			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.4500	0.6524	0.8444	0.7075	0.8242	0.4211	0.5185	0.7699	0.5701	0.5300	0.5193
1967-70	OBS. EXP.	47	14	18	8	2	3	1	1	0		
		9.9	17.2	9.7	3.7	3.3	1.7	0.7	0.8			
	OBS./EXP. RELATIVE RISK	1.419	1.044	0.821	0.536	0.918	0.598	1.478	0.000			
		1.000		0.696	0.454	0.778	0.507	1.252	0.000			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.7867	0.8286	0.6616	0.7501	0.3703	0.8408	0.3488	0.7690	0.7769	0.7639	0.8547
1971-74	OBS. EXP.	45	8	17	7	5	4	2	0	2		
		9.3	17.0	8.9	3.6	3.1	1.6	0.7	0.8			
	OBS./EXP. RELATIVE RISK	0.859	1.000	0.785	1.389	1.272	1.247	0.000	2.626			
		1.000		0.827	1.462	1.339	1.312	0.000	2.763			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.6642	0.3757	0.4253	0.3843	0.8197	0.3368	0.4702	0.4037	0.4783	0.7585	0.1176
1975-78	OBS. EXP.	46	7	20	11	3	2	1	1	1		
		9.6	16.8	9.5	3.5	3.3	1.7	0.7	0.8			
	OBS./EXP. RELATIVE RISK	0.726	1.188	1.153	0.849	0.606	0.599	1.490	1.234			
		1.000		1.130	0.832	0.594	0.587	1.461	1.210			
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.4819	0.6365	0.7458	0.7137	0.3416	0.3801	0.4531	0.6938	0.5616	0.9136	0.5943

TABLE 34-1 OTHER NATURAL CAUSES NOT SPECIFIED ABOVE

TABLE 34-1

MIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS.	5223	2187	1512	952	258	159	68	31	56	
	EXP.		2101.3	1476.3	1013.2	290.4	184.8	76.4	34.3	46.3	
	OBS./EXP.		1.041	1.024	0.940	0.888	0.861	0.890	0.903	1.210	
	RELATIVE RISK		1.000		0.909	0.859	0.832	0.861	0.874	1.171	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.9717	0.9548	0.9470	0.8279	0.7263	0.2253	0.9908	0.9287	0.6854	0.0079
1950-54	OBS.	836	364	246	139	34	26	11	5	11	
	EXP.		330.1	242.3	162.7	46.0	29.8	12.0	5.5	7.7	
	OBS./EXP.		1.103	1.015	0.855	0.739	0.874	0.920	0.910	1.427	
	RELATIVE RISK		1.000		0.802	0.694	0.820	0.863	0.854	1.339	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.9559	0.9399	0.7850	0.6792	0.6487	0.3081	0.9831	0.7095	0.5147	0.0857
1955-58	OBS.	879	338	271	187	40	18	12	5	8	
	EXP.		347.3	252.8	171.8	49.4	31.3	13.0	5.7	7.7	
	OBS./EXP.		0.973	1.072	1.088	0.809	0.575	0.924	0.882	1.038	
	RELATIVE RISK		1.000		1.073	0.797	0.566	0.911	0.869	1.023	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.2973	0.8512	0.9580	0.6379	0.6327	0.4582	0.4831	0.9214	0.6312	0.1513
1959-62	OBS.	506	354	247	125	43	18	10	3	6	
	EXP.		320.6	229.1	158.0	46.7	27.9	11.5	5.3	7.0	
	OBS./EXP.		1.104	1.078	0.791	0.921	0.644	0.868	0.568	0.856	
	RELATIVE RISK		1.000		0.724	0.842	0.590	0.794	0.519	0.783	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.9917	0.7954	0.9535	0.7443	0.8348	0.7158	0.9917	0.9720	0.8590	0.0145
1963-66	OBS.	709	285	205	127	43	26	11	4	6	
	EXP.		288.0	198.0	138.3	39.1	24.4	10.6	4.6	6.0	
	OBS./EXP.		0.989	1.035	0.918	1.099	1.148	1.042	0.866	1.000	
	RELATIVE RISK		1.000		0.911	1.090	1.139	1.033	0.859	0.992	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.7637	0.3550	0.3329	0.4557	0.6329	0.5214	0.6737	0.4015	0.5411	0.9433
1967-70	OBS.	661	276	190	119	32	25	6	4	9	
	EXP.		269.3	183.9	127.5	36.7	23.5	10.2	4.2	5.8	
	OBS./EXP.		1.025	1.033	0.933	0.872	1.064	0.587	0.955	1.557	
	RELATIVE RISK		1.000		0.908	0.848	1.035	0.571	0.928	1.514	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.7566	0.7574	0.4496	0.8620	0.5775	0.2263	0.8135	0.5113	0.6348	0.6279
1971-74	OBS.	637	272	171	124	29	20	8	5	8	
	EXP.		262.8	175.3	122.1	34.9	22.6	9.6	4.2	5.5	
	OBS./EXP.		1.035	0.975	1.016	0.231	0.886	0.830	1.190	1.450	
	RELATIVE RISK		1.000		1.005	0.222	0.876	0.821	1.177	1.434	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.4875	0.7840	0.6907	0.6866	0.4393	0.2880	0.8217	0.5836	0.4507	0.8459
1975-78	OBS.	695	298	182	131	37	24	10	5	8	
	EXP.		283.4	192.9	135.4	38.0	25.2	9.9	4.7	5.6	
	OBS./EXP.		1.052	0.944	0.968	0.974	0.954	1.006	1.060	1.433	
	RELATIVE RISK		1.000		0.960	0.966	0.946	0.998	1.051	1.422	
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.
	PROB.	0.6297	0.5779	0.5127	0.4861	0.4445	0.3055	0.6347	0.4822	0.3772	0.9087

TABLE 35-1 ACCIDENTS, POISONINGS, AND VIOLENCE

TABLE 35-1

HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	OBS. TOTAL	T-65 TOTAL DOSE IN RAD										
		0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	1371	571	406	227	76	51	15	6	19		
	EXP.	546.4	396.7	252.1	72.4	54.4	23.5	10.5	14.9			
	OBS./EXP. RELATIVE RISK	1.045	1.024	0.900	1.049	0.937	0.637	0.570	1.276	1.232		
	TEST PROB.	AB=C? 0.9190	AB=D? 0.4898	AB=E? 0.7444	AB=F? 0.9318	AB=G? 0.8757	AB=H? 1.013	AB=CD? 0.8795	AB=E-H? 0.8778	AB=FGH? 0.8783	HOMO. 0.1590	TREND. 0.8158
1950-54	OBS. EXP.	204	101	46	34	9	11	2	0	1		
	RELATIVE RISK	1.233	0.776	0.929	0.856	1.332	0.584	0.000	0.418	2.4		
	TEST PROB.	AB=C? 0.6940	AB=D? 0.6812	AB=E? 0.3421	AB=F? 0.7813	AB=G? 0.8758	AB=H? 0.8090	AB=CD? 0.7280	AB=E-H? 0.6914	AB=FGH? 0.9120	HOMO. 0.0975	TREND. 0.9250
1955-58	OBS. EXP.	237	101	71	38	12	7	3	1	4		
	RELATIVE RISK	1.053	1.037	0.887	0.982	0.759	0.751	0.560	1.564	2.6		
	TEST PROB.	AB=C? 0.7658	AB=D? 0.6049	AB=E? 0.7922	AB=F? 0.7332	AB=G? 0.7520	AB=H? 0.4080	AB=CD? 0.7584	AB=E-H? 0.7512	AB=FGH? 0.6255	HOMO. 0.8937	TREND. 0.5784
1959-62	OBS. EXP.	194	85	63	27	10	4	3	0	2		
	RELATIVE RISK	1.080	1.121	0.744	1.004	0.552	0.978	0.000	0.964	2.1		
	TEST PROB.	AB=C? 0.9073	AB=D? 0.6220	AB=E? 0.8798	AB=F? 0.6315	AB=G? 0.8744	AB=H? 0.6273	AB=CD? 0.8922	AB=E-H? 0.8915	AB=FGH? 0.7688	HOMO. 0.5104	TREND. 0.8826
1963-66	OBS. EXP.	209	71	72	34	16	12	2	1	1		
	RELATIVE RISK	0.843	1.199	0.884	1.464	1.498	0.565	0.630	0.448	2.2		
	TEST PROB.	AB=C? 0.6841	AB=D? 0.1821	AB=E? 0.2217	AB=F? 0.7719	AB=G? 0.7027	AB=H? 0.7850	AB=CD? 0.4781	AB=E-H? 0.4626	AB=FGH? 0.8352	HOMO. 0.1350	TREND. 0.6191
1967-70	OBS. EXP.	189	72	56	33	10	7	3	1	7		
	RELATIVE RISK	0.975	1.028	0.928	0.966	0.969	0.900	0.863	0.682	3.377		
	TEST PROB.	AB=C? 0.6372	AB=D? 0.5565	AB=E? 0.6105	AB=F? 0.6468	AB=G? 0.6814	AB=H? 0.0199	AB=CD? 0.6231	AB=E-H? 0.3252	AB=FGH? 0.2071	HOMO. 0.0902	TREND. 0.0185
1971-74	OBS. EXP.	200	75	67	39	10	4	1	2	3		
	RELATIVE RISK	0.959	1.154	1.018	0.920	0.583	0.492	0.271	1.243	1.430		
	TEST PROB.	AB=C? 0.5569	AB=D? 0.6352	AB=E? 0.3834	AB=F? 0.8876	AB=G? 0.3932	AB=H? 0.4210	AB=CD? 0.5992	AB=E-H? 0.8717	AB=FGH? 0.7070	HOMO. 0.5177	TREND. 0.7258
1975-78	OBS. EXP.	138	66	31	23	9	6	1	1	1		
	RELATIVE RISK	1.224	0.775	0.884	1.205	1.038	0.417	0.973	0.726	1.4		
	TEST PROB.	AB=C? 0.7003	AB=D? 0.4465	AB=E? 0.5563	AB=F? 0.8062	AB=G? 0.5688	AB=H? 0.6849	AB=CD? 0.6222	AB=E-H? 0.7171	AB=FGH? 0.7845	HOMO. 0.4743	TREND. 0.7476

TABLE 35-2 ACCIDENTS, POISONINGS, AND VIOLENCE

TABLE 35-2

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T-85 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-79	OBS. TOTAL	852	376	261	127	34	31	12	3	8		
	EXP.	337.8	251.0	150.0	44.2	36.2	15.4	6.8	10.5			
	OBS./EXP. RELATIVE RISK	1.113 1.000	1.040	0.847	0.769	0.855	0.780	0.443	0.759			
	TEST PROB.	AB=C? 0.9688	AB=D? 0.9230	AB=E? 0.8442	AB=F? 0.8208	AB=G? 0.8921	AB=H? 0.7971	AB=CD? 0.9864	AB=E-H? 0.9534	AB=FGH? 0.9361	HOMO. 0.0318	TREND. 0.9937
1950-54	OBS. EXP.	145	82	29	20	4	8	1	0	1		
	RELATIVE RISK	1.407 1.000	0.681	0.797	0.546	1.297	0.400	0.000	0.537			
	TEST PROB.	AB=C? 0.8507	AB=D? 0.8634	AB=E? 0.4332	AB=F? 0.8264	AB=G? 0.8551	AB=H? 0.7645	AB=CD? 0.9101	AB=E-H? 0.7253	AB=FGH? 0.9043	HOMO. 0.0053	TREND. 0.9397
1955-58	OBS. EXP.	159	72	45	27	6	6	2	1	0		
	RELATIVE RISK	1.106 1.000	0.959	0.978	0.761	0.958	0.756	0.840	0.000			
	TEST PROB.	AB=C? 0.6287	AB=D? 0.7454	AB=E? 0.6250	AB=F? 0.6992	AB=G? 0.6410	AB=H? 0.8907	AB=CD? 0.7007	AB=E-H? 0.7883	AB=FGH? 0.8409	HOMO. 0.8649	TREND. 0.9327
1959-62	OBS. EXP.	128	54	47	16	3	3	0	2			
	RELATIVE RISK	1.049 1.000	1.237	0.718	0.467	0.585	1.405	0.000	1.233			
	TEST PROB.	AB=C? 0.9057	AB=D? 0.8960	AB=E? 0.8387	AB=F? 0.4095	AB=G? 0.8491	AB=H? 0.4178	AB=CD? 0.9502	AB=E-H? 0.7670	AB=FGH? 0.5727	HOMO. 0.3126	TREND. 0.7372
1963-66	OBS. EXP.	142	47	56	20	10	6	2	1	0		
	RELATIVE RISK	0.827 1.000	1.351	0.795	1.365	1.033	0.785	0.888	0.000			
	TEST PROB.	AB=C? 0.8049	AB=D? 0.3457	AB=E? 0.5534	AB=F? 0.6681	AB=G? 0.6020	AB=H? 0.8819	AB=CD? 0.6904	AB=E-H? 0.7341	AB=FGH? 0.8110	HOMO. 0.1476	TREND. 0.8417
1967-70	OBS. EXP.	116	47	35	19	6	4	2	0	3		
	RELATIVE RISK	1.064 1.000	1.025	0.897	0.934	0.753	0.854	0.000	2.025			
	TEST PROB.	AB=C? 0.7055	AB=D? 0.6112	AB=E? 0.7231	AB=F? 0.6654	AB=G? 0.8418	AB=H? 0.3384	AB=CD? 0.7008	AB=E-H? 0.6822	AB=FGH? 0.5663	HOMO. 0.8488	TREND. 0.4506
1971-74	OBS. EXP.	96	37	32	17	3	3	1	1	2		
	RELATIVE RISK	1.007 1.000	1.125	1.002	0.568	0.675	0.496	1.142	1.613			
	TEST PROB.	AB=C? 0.5893	AB=D? 0.8108	AB=E? 0.7550	AB=F? 0.7766	AB=G? 0.3995	AB=H? 0.3850	AB=CD? 0.7036	AB=E-H? 0.7129	AB=FGH? 0.5846	HOMO. 0.8900	TREND. 0.5899
1975-78	OBS. EXP.	66	37	17	8	2	1	0	0	0		
	RELATIVE RISK	1.468 1.000	0.361	0.675	0.565	0.317	0.811	0.000	0.000			
	TEST PROB.	AB=C? 0.8850	AB=D? 0.8308	AB=E? 0.2944	AB=F? 0.7052	AB=G? 0.5195	AB=H? 0.8413	AB=CD? 0.9157	AB=E-H? 0.9344	AB=FGH? 0.8536	HOMO. 0.1296	TREND. 0.9737

TABLE 35-3 ACCIDENTS, POISONINGS, AND VIOLENCE

TABLE 35-3

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD									
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H	
1950-78	OBS. TOTAL	519	195	145	100	42	20	3	3	11	
	EXP.		208.6	145.6	102.1	28.2	18.2	8.1	3.8	4.4	
	OBS./EXP. RELATIVE RISK		0.935 1.000	0.996	0.979 1.020	1.488 1.550	1.099 1.145	0.368 0.383	0.799 0.832	2.528 2.634	
	TEST PROB.	AB=C? 0.4787	AB=0? 0.0351	AB=E? 0.4162	AB=F? 0.9203	AB=G? 0.6542	AB=H? 0.0181	AB=CD? 0.1992	AB=E-H? 0.3739	AB=FGH? 0.4755	HOMO. 0.0031
1950-54	OBS. EXP.	59	19	17	14	5	3	1	0	0	
	EXP.		23.6	16.7	11.5	3.2	2.1	0.9	0.4	0.5	
	OBS./EXP. RELATIVE RISK		0.805 1.000	1.018	1.214 1.359	1.569 1.756	1.435 1.607	1.087 1.217	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.2945	AB=0? 0.2742	AB=E? 0.4507	AB=F? 0.4123	AB=G? 0.8018	AB=H? 0.8073	AB=CD? 0.2077	AB=E-H? 0.4493	AB=FGH? 0.7426	HOMO. 0.7891
1955-58	OBS. EXP.	78	29	26	11	6	1	1	0	4	
	EXP.		30.8	22.0	15.3	4.3	3.0	1.3	0.6	0.7	
	OBS./EXP. RELATIVE RISK		0.941 1.000	1.181	0.721 0.692	1.386 1.331	0.337 0.324	0.742 0.712	0.000 0.000	5.909 5.675	
	TEST PROB.	AB=C? 0.8114	AB=0? 0.4323	AB=E? 0.5699	AB=F? 0.7146	AB=G? 0.8206	AB=H? 0.0178	AB=CD? 0.7097	AB=E-H? 0.5469	AB=FGH? 0.2866	HOMO. 0.0038
1959-62	OBS. EXP.	66	31	16	11	7	1	0	0	0	
	EXP.		27.2	18.2	13.1	3.5	2.1	0.9	0.5	0.5	
	OBS./EXP. RELATIVE RISK		1.140 1.000	0.880	0.842 0.813	1.982 1.913	0.471 0.455	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C? 0.7074	AB=0? 0.1731	AB=E? 0.7978	AB=F? 0.8475	AB=G? 0.8080	AB=H? 0.8123	AB=CD? 0.4613	AB=E-H? 0.9079	AB=FGH? 0.8965	HOMO. 0.4146
1963-66	OBS. EXP.	67	24	16	14	6	6	0	0	1	
	EXP.		27.3	18.6	13.3	3.6	2.2	1.0	0.5	0.5	
	OBS./EXP. RELATIVE RISK		0.878 1.000	0.861	1.352 1.208	1.664 1.911	2.725 3.128	0.000 0.000	0.000 0.000	1.945 2.233	
	TEST PROB.	AB=C? 0.3985	AB=0? 0.2112	AB=E? 0.0590	AB=F? 0.8400	AB=G? 0.8024	AB=H? 0.3034	AB=CD? 0.2584	AB=E-H? 0.1875	AB=FGH? 0.7375	HOMO. 0.1410
1967-70	OBS. EXP.	73	25	21	14	4	3	1	1	4	
	EXP.		29.7	20.3	14.4	3.9	2.5	1.1	0.5	0.6	
	OBS./EXP. RELATIVE RISK		0.843 1.000	1.032	0.975 1.060	1.019 1.108	1.216 1.322	0.881 0.958	1.936 2.104	6.766 7.355	
	TEST PROB.	AB=C? 0.4564	AB=0? 0.4298	AB=E? 0.4176	AB=F? 0.5574	AB=G? 0.3022	AB=H? 0.0041	AB=CD? 0.4685	AB=E-H? 0.0867	AB=FGH? 0.0565	HOMO. 0.0034
1971-74	OBS. EXP.	104	38	35	21	7	1	0	1	1	
	EXP.		41.5	29.6	20.4	5.6	3.7	1.7	0.7	0.9	
	OBS./EXP. RELATIVE RISK		0.916 1.000	1.181	1.032 1.005	1.253 1.220	0.272 0.265	0.000 0.000	1.362 1.327	1.166 1.136	
	TEST PROB.	AB=C? 0.4814	AB=0? 0.4527	AB=E? 0.8813	AB=F? 0.8228	AB=G? 0.3612	AB=H? 0.4059	AB=CD? 0.4831	AB=E-H? 0.8852	AB=FGH? 0.7590	HOMO. 0.6070
1975-78	OBS. EXP.	72	29	14	15	7	5	0	1	1	
	EXP.		28.7	20.3	14.2	3.9	2.6	1.2	0.5	0.6	
	OBS./EXP. RELATIVE RISK		1.009 1.000	0.691	1.059 1.207	1.783 2.032	1.904 2.169	0.000 0.000	1.945 2.216	1.652 1.883	
	TEST PROB.	AB=C? 0.3704	AB=0? 0.1333	AB=E? 0.1594	AB=F? 0.3379	AB=G? 0.2943	AB=H? 0.3066	AB=CD? 0.2145	AB=E-H? 0.2457	AB=FGH? 0.4360	HOMO. 0.2946

TABLE 36-1 SUICIDE

TABLE 36-1

		HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES									
		T-65 TOTAL DOSE IN RAD									
YEAR CLASS		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+	
			A	B	C	D	E	F	G	H	
1950-78	OBS. TOTAL	440	185	147	61	25	17	2	0	3	
	EXP.		170.9	129.0	80.7	23.6	18.7	8.3	3.7	5.1	
	OBS./EXP. RELATIVE RISK		1.082 1.000	1.140 1.000	0.756 0.683	1.058 0.956	0.908 0.220	0.241 0.218	0.000 0.000	0.590 0.533	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.9792	0.5993	0.7590	0.9678	0.9460	0.8326	0.9642	0.9788	0.9918	0.0107 0.9977
1950-54	OBS. EXP.	78	45 32.0	15 22.4	10 14.1	3 3.9	5 3.0	0 1.2	0 0.6	0 0.9	
	OBS./EXP. RELATIVE RISK		1.408 1.000	0.671 1.000	0.707 0.640	0.766 0.693	1.691 1.531	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.8552	0.7337	0.3590	0.8682	0.8229	0.8435	0.8689	0.6872	0.9274	0.0594 0.9119
1955-58	OBS. EXP.	98	41 38.5	33 28.4	13 17.6	8 5.3	2 4.3	0 1.9	0 0.8	1 1.1	
	OBS./EXP. RELATIVE RISK		1.065 1.000	1.161 1.000	0.738 0.667	1.518 1.373	0.465 0.421	0.000 0.000	0.000 0.000	0.887 0.502	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.8524	0.3503	0.8781	0.9083	0.8400	0.6602	0.7315	0.9515	0.9145	0.3687 0.9154
1959-62	OBS. EXP.	58	26 23.0	23 16.9	6 10.8	1 3.1	1 2.2	1 1.0	0 0.5	0 0.6	
	OBS./EXP. RELATIVE RISK		1.130 1.000	1.362 1.000	0.555 0.452	0.326 0.255	0.461 0.375	1.037 0.844	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.9272	0.8823	0.3324	0.6363	0.8147	0.8312	0.9580	0.8790	0.8157	0.3383 0.9433
1963-66	OBS. EXP.	58	21 22.3	26 17.2	5 10.5	3 3.1	3 2.5	0 1.1	0 0.5	0 0.7	
	OBS./EXP. RELATIVE RISK		0.941 1.000	1.510 1.000	0.476 0.400	0.955 0.803	1.191 1.002	0.000 0.000	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.9419	0.6739	0.5502	0.2640	0.8158	0.8329	0.9281	0.8293	0.9183	0.1956 0.9217
1967-70	OBS. EXP.	36	11 12.9	13 10.9	5 6.9	4 2.1	2 1.7	0 0.8	0 0.3	1 0.5	
	OBS./EXP. RELATIVE RISK		0.853 1.000	1.192 1.000	0.727 0.721	1.943 1.927	1.193 1.184	0.000 0.000	0.000 0.000	2.174 2.156	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.7392	0.3031	0.3955	0.5353	0.7979	0.3083	0.5230	0.5860	0.7239	0.6751 0.3710
1971-74	OBS. EXP.	75	24 28.5	29 22.1	15 13.9	5 4.1	1 3.4	1 1.5	0 0.7	0 0.9	
	OBS./EXP. RELATIVE RISK		0.843 1.000	1.313 1.000	1.082 1.033	1.215 1.160	0.297 0.283	0.647 0.617	0.000 0.000	0.000 0.000	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.4619	0.4404	0.8544	0.6998	0.8174	0.8351	0.4697	0.9095	0.8469	0.4719 0.9368
1975-78	OBS. EXP.	37	17 13.8	8 11.1	7 6.9	1 2.0	3 1.7	0 0.7	0 0.3	1 0.4	
	OBS./EXP. RELATIVE RISK		1.234 1.000	0.721 1.000	1.020 1.015	0.490 0.487	1.755 1.746	0.000 0.000	0.000 0.000	2.264 2.252	
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO. TREND.
		0.5069	0.7625	0.3871	0.8264	0.7920	0.3007	0.6191	0.4225	0.6935	0.6625 0.4488

TABLE 36-2 SUICIDE

TABLE 36-2

HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	229	105	77	27	12	6	2	0	0		
	EXP.	90.0	68.0	39.7	11.9	10.1	4.3	1.9	3.0			
	OBS./EXP. RELATIVE RISK	1.166	1.132	0.681	1.008	0.592	0.461	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.9735	AB=D? 0.6620	AB=E? 0.9030	AB=F? 0.8682	AB=G? 0.8974	AB=H? 0.9337	AB=CD? 0.9433	AB=E-H? 0.9863	AB=FGH? 0.9769	HOMO. 0.0257	TREND. 0.9991
1950-54	OBS. TOTAL	47	31	6	6	1	3	0	0	0		
	EXP.	19.6	13.7	8.1	2.2	1.8	0.7	0.3	0.6			
	OBS./EXP. RELATIVE RISK	1.580	0.439	0.740	0.665	0.452	1.675	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7899	AB=D? 0.8089	AB=E? 0.4512	AB=F? 0.8311	AB=G? 0.7988	AB=H? 0.8205	AB=CD? 0.8417	AB=E-H? 0.6634	AB=FGH? 0.8864	HOMO. 0.0387	TREND. 0.8725
1955-58	OBS. TOTAL	55	26	20	5	3	1	0	0	0		
	EXP.	21.9	16.2	9.4	2.8	2.4	1.1	0.5	0.7			
	OBS./EXP. RELATIVE RISK	1.186	1.234	0.531	0.440	1.056	0.413	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.9203	AB=D? 0.6103	AB=E? 0.8497	AB=F? 0.8626	AB=G? 0.8122	AB=H? 0.8344	AB=CD? 0.8979	AB=E-H? 0.9423	AB=FGH? 0.9168	HOMO. 0.4375	TREND. 0.9686
1959-62	OBS. TOTAL	32	11	18	1	1	0	1	0	0		
	EXP.	12.6	9.5	5.7	1.7	1.3	0.6	0.3	0.4			
	OBS./EXP. RELATIVE RISK	0.875	1.893	0.174	0.132	0.588	0.000	1.799	0.000	0.000		
	TEST PROB.	AB=C? 0.9664	AB=D? 0.7868	AB=E? 0.8842	AB=F? 0.3614	AB=G? 0.7954	AB=H? 0.8120	AB=CD? 0.9692	AB=E-H? 0.8590	AB=FGH? 0.7088	HOMO. 0.0461	TREND. 0.8655
1963-66	OBS. TOTAL	34	12	17	2	2	1	0	0	0		
	EXP.	13.5	10.1	5.8	1.8	1.5	0.6	0.3	0.5			
	OBS./EXP. RELATIVE RISK	0.892	1.688	0.342	0.278	1.138	0.666	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.9331	AB=D? 0.6150	AB=E? 0.7490	AB=F? 0.8327	AB=G? 0.7969	AB=H? 0.8157	AB=CD? 0.9074	AB=E-H? 0.8733	AB=FGH? 0.8837	HOMO. 0.2480	TREND. 0.9086
1967-70	OBS. TOTAL	16	7	3	4	2	0	0	0	0		
	EXP.	5.8	4.8	2.8	2.8	0.9	0.2	0.4	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1.200	0.624	1.405	1.495	2.204	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4712	AB=D? 0.4643	AB=E? 0.2392	AB=F? 0.8047	AB=G? 0.7814	AB=H? 0.7274	AB=CD? 0.3153	AB=E-H? 0.8855	AB=FGH? 0.8379	HOMO. 0.7397	TREND. 0.8047
1971-74	OBS. TOTAL	29	11	9	6	2	0	1	0	0		
	EXP.	11.0	8.8	5.0	5.0	1.6	1.4	0.6	0.3	0.4		
	OBS./EXP. RELATIVE RISK	1.004	1.025	1.209	1.193	1.269	0.000	1.554	0.000	0.000		
	TEST PROB.	AB=C? 0.4436	AB=D? 0.3812	AB=E? 0.3576	AB=F? 0.3203	AB=G? 0.7829	AB=H? 0.7965	AB=CD? 0.4742	AB=E-H? 0.8028	AB=FGH? 0.6145	HOMO. 0.9159	TREND. 0.7983
1975-78	OBS. TOTAL	16	7	4	3	1	1	0	0	0		
	EXP.	5.7	5.0	2.8	2.8	0.9	0.9	0.4	0.1	0.2		
	OBS./EXP. RELATIVE RISK	1.227	0.794	1.090	1.064	1.124	1.139	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4467	AB=D? 0.4316	AB=E? 0.5812	AB=F? 0.8061	AB=G? 0.7781	AB=H? 0.7894	AB=CD? 0.4282	AB=E-H? 0.7609	AB=FGH? 0.3385	HOMO. 0.9872	TREND. 0.7715

TABLE 36-3 SUICIDE

TABLE 36-3

		HIROSHIMA + NAGASAKI, MALE, AGE ATB 0-9										
YEAR CLASS		T=65 TOTAL DOSE IN RAD										
		TOTAL	0	1-9	10-49	50-99	100-199	200-299	300-399	400+		
		A	B	C	D	E	F	G	H			
1950-78	OBS.	23	7	11	1	2	1	1	0	0		
TOTAL	EXP.		9.2	6.8	4.7	1.1	0.6	0.3	0.1	0.2		
	OBS./EXP.		0.761	1.613	0.212	1.843	1.760	3.310	0.000	0.000		
	RELATIVE RISK		1.000		0.189	1.639	1.566	2.945	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.9350	0.3848	0.3414	0.2852	0.7778	0.7855	0.8639	0.3792	0.3552	0.2423	0.3710
1950-54	OBS.	1	0	0	0	0	1	0	0	0		
	EXP.		0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0		
	OBS./EXP.		0.000	0.000	0.000	0.000	54.613	0.000	0.000	0.000		
	RELATIVE RISK		X	X	X	X	X	X	X	X		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		X	X	0.2398	X	X	X	X	0.2398	X	0.0000	0.0192
1955-58	OBS.	4	0	3	0	1	0	0	0	0		
	EXP.		1.9	1.1	0.7	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.000	2.848	0.000	6.014	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	5.902	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.8421	0.2596	0.7707	0.7655	0.7626	0.7632	0.4253	0.7803	0.7706	0.1590	0.5200
1959-62	OBS.	9	4	3	0	1	0	1	0	0		
	EXP.		3.7	2.6	1.8	0.4	0.2	0.1	0.0	0.1		
	OBS./EXP.		1.033	1.143	0.000	2.400	0.000	8.799	0.000	0.000		
	RELATIVE RISK		1.000		0.000	2.167	0.000	7.943	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.9056	0.3048	0.7917	0.2549	0.7682	0.7721	0.8113	0.3112	0.2723	0.1906	0.2312
1963-66	OBS.	3	1	2	0	0	0	0	0	0		
	EXP.		1.1	0.9	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP.		0.879	2.178	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.8567	0.7900	0.7783	0.7710	0.7648	0.7669	0.8712	0.7965	0.7811	0.9457	0.7057
1967-70	OBS.	1	0	1	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP.		0.000	2.554	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.8340	0.7823	0.7755	0.7696	0.7642	0.7663	0.8472	0.7923	0.7798	0.9804	0.6123
1971-74	OBS.	4	1	2	1	0	0	0	0	0		
	EXP.		1.6	1.2	0.3	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP.		0.620	1.696	1.221	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.137	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.4062	0.7831	0.7709	0.7652	0.7624	0.7630	0.5841	0.7799	0.7699	0.9893	0.6673
1975-78	OBS.	1	1	0	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.3	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP.		5.158	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO,	TREND,
		0.8339	0.7824	0.7756	0.7692	0.7642	0.7664	0.8471	0.7922	0.7786	0.7614	0.8202

TABLE 36-4 SUICIDE

TABLE 36-4

HIROSHIMA + NAGASAKI, MALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS.	65	33	21	7	3	1	0	0	0		
TOTAL	EXP.		24.1	22.0	9.7	3.0	3.2	1.4	0.6	1.1		
	OBS./EXP.		1.368	0.956	0.724	1.013	0.314	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.618	0.865	0.268	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8460	0.6448	0.8925	0.8873	0.8260	0.8606	0.8320	0.9686	0.9437	0.2388	0.9881
1950-54	OBS.	11	9	1	0	0	1	0	0	0		
	EXP.		4.7	3.6	1.6	0.4	0.4	0.2	0.1	0.2		
	OBS./EXP.		1.928	0.279	0.000	0.000	2.639	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	2.176	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8946	0.8113	0.3020	0.7860	0.7730	0.7825	0.9125	0.4513	0.8138	0.2291	0.6626
1955-58	OBS.	16	8	6	1	1	0	0	0	0		
	EXP.		5.9	5.4	2.4	0.7	0.8	0.4	0.1	0.3		
	OBS./EXP.		1.354	1.104	0.422	1.371	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.342	1.111	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8423	0.4540	0.8565	0.8130	0.7825	0.7981	0.7961	0.9043	0.8521	0.8472	0.8870
1959-62	OBS.	6	3	3	0	0	0	0	0	0		
	EXP.		2.2	2.0	0.9	0.3	0.3	0.1	0.1	0.1		
	OBS./EXP.		1.375	1.466	0.000	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8694	0.8087	0.8137	0.7875	0.7710	0.7758	0.8908	0.8486	0.8106	0.9184	0.8202
1963-66	OBS.	10	3	6	0	1	0	0	0	0		
	EXP.		4.0	3.3	1.5	0.4	0.4	0.2	0.1	0.2		
	OBS./EXP.		0.756	1.807	0.000	2.458	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	1.991	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8925	0.3113	0.8207	0.7912	0.7737	0.7832	0.7950	0.8598	0.8190	0.5910	0.7777
1967-70	OBS.	3	1	0	2	0	0	0	0	0		
	EXP.		1.1	1.0	0.4	0.1	0.2	0.1	0.0	0.0		
	OBS./EXP.		0.914	0.000	4.456	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		9.413	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.1881	0.7690	0.7680	0.7637	0.7623	0.7639	0.2531	0.7766	0.7693	0.4462	0.6442
1971-74	OBS.	11	6	2	3	0	0	0	0	0		
	EXP.		3.7	3.8	1.7	0.6	0.7	0.3	0.1	0.2		
	OBS./EXP.		1.625	0.527	1.785	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.670	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4511	0.8225	0.3293	0.7960	0.7745	0.7841	0.4017	0.8696	0.8243	0.6017	0.8823
1975-78	OBS.	8	3	3	1	1	0	0	0	0		
	EXP.		2.6	2.8	1.2	0.4	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.152	1.082	0.808	2.292	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.724	2.054	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6844	0.3167	0.8355	0.7990	0.7740	0.7834	0.4403	0.8754	0.8260	0.9689	0.7759

TABLE 36-5 SUICIDE

TABLE 36-5

HIROSHIMA + NAGASAKI, MALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	33	10	12	5	3	2	1	0	0		
	EXP.		13.1	9.4	5.3	1.8	1.6	0.9	0.4	0.4		
	OBS./EXP. RELATIVE RISK		0.764 1.000	1.272	0.941 0.963	1.689 1.729	1.219 1.247	1.111 1.137	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5336	AB=D? 0.3942	AB=E? 0.3884	AB=F? 0.3800	AB=G? 0.7970	AB=H? 0.8013	AB=CD? 0.4778	AB=E-H? 0.6113	AB=FGH? 0.7107	HOMO. 0.8591	TREND. 0.6540
1950-54	OBS. TOTAL	7	3	1	3	0	0	0	0	0		
	EXP.		3.1	2.0	1.2	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.977 1.000	0.493	2.606 3.323	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2235	AB=D? 0.7875	AB=E? 0.7833	AB=F? 0.7716	AB=G? 0.7661	AB=H? 0.7683	AB=CD? 0.2960	AB=E-H? 0.8039	AB=FGH? 0.7841	HOMO. 0.7511	TREND. 0.7247
1955-58	OBS. TOTAL	8	3	4	0	0	1	0	0	0		
	EXP.		3.0	2.3	1.3	0.5	0.5	0.3	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.008 1.000	1.756	0.000 0.000	0.000 0.000	2.104 1.579	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2871	AB=D? 0.5259	AB=E? 0.3399	AB=F? 0.8016	AB=G? 0.7790	AB=H? 0.7784	AB=CD? 0.9120	AB=E-H? 0.6637	AB=FGH? 0.8274	HOMO. 0.7610	TREND. 0.7275
1959-62	OBS. TOTAL	4	0	4	0	0	0	0	0	0		
	EXP.		1.8	1.2	0.7	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	3.462	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8483	AB=D? 0.7870	AB=E? 0.7830	AB=F? 0.7716	AB=G? 0.7661	AB=H? 0.7686	AB=CD? 0.8627	AB=E-H? 0.8038	AB=FGH? 0.7844	HOMO. 0.1972	TREND. 0.7274
1963-66	OBS. TOTAL	4	0	2	1	1	0	0	0	0		
	EXP.		1.6	1.1	0.6	0.2	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.764	1.552 2.113	4.625 6.297	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2991	AB=D? 0.2587	AB=E? 0.7742	AB=F? 0.7673	AB=G? 0.7638	AB=H? 0.7653	AB=CD? 0.4464	AB=E-H? 0.7879	AB=FGH? 0.7754	HOMO. 0.5692	TREND. 0.5668
1967-70	OBS. TOTAL	4	2	0	1	1	0	0	0	0		
	EXP.		1.6	1.1	0.6	0.2	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.261 1.000	0.000	1.557 2.117	4.570 6.214	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.3069	AB=D? 0.2589	AB=E? 0.7984	AB=F? 0.7852	AB=G? 0.7708	AB=H? 0.7697	AB=CD? 0.4482	AB=E-H? 0.3292	AB=FGH? 0.8011	HOMO. 0.7025	TREND. 0.5944
1971-74	OBS. TOTAL	5	2	1	0	1	0	1	0	0		
	EXP.		1.8	1.4	0.8	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.087 1.000	0.706	0.000 0.000	3.130 3.397	0.000 0.000	5.890 6.392	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8347	AB=D? 0.2671	AB=E? 0.7790	AB=F? 0.2516	AB=G? 0.7654	AB=H? 0.7673	AB=CD? 0.4458	AB=E-H? 0.2980	AB=FGH? 0.2666	HOMO. 0.4301	TREND. 0.2800
1975-78	OBS. TOTAL	1	0	0	0	0	1	0	0	0		
	EXP.		0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000	0.000 X	0.000 X	0.000 X	1.0.343 X	0.000 X	0.000 X	0.000 X		
	TEST PROB.	AB=C? X	AB=D? X	AB=E? 0.2399	AB=F? X	AB=G? X	AB=H? X	AB=CD? X	AB=E-H? 0.2399	AB=FGH? X	HOMO. 0.2290	TREND. 0.2089

TABLE 36-6 SUICIDE

TABLE 36-6

HIROSHIMA + NAGASAKI, MALE, AGE ATB 35-49

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	64	33	18	10	2	1	0	0	0		
	EXP.		26.1	17.4	11.5	3.5	3.0	1.1	0.5	0.3		
	OBS./EXP. RELATIVE RISK		1.263 1.000	1.033 1.000	0.871 0.744	0.564 0.482	0.328 0.280	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.7670	0.8118	0.8707	0.8574	0.8144	0.8404	0.8334	0.9477	0.9175	0.4633	0.9836
1950-54	OBS. EXP.	14	11	1	1	1	0	0	0	0		
			5.8	3.8	2.5	0.8	0.6	0.2	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.883 1.000	0.266 1.000	0.399 0.319	1.327 1.062	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.8509	0.4057	0.3298	0.7884	0.7754	0.7837	0.8082	0.8665	0.8186	0.2612	0.8542
1955-58	OBS. EXP.	13	9	1	3	0	0	0	0	0		
			5.6	3.5	2.3	0.7	0.5	0.2	0.1	0.2		
	OBS./EXP. RELATIVE RISK		1.608 1.000	0.289 1.000	1.293 1.171	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.4088	0.8243	0.8147	0.7792	0.7696	0.7772	0.5957	0.8436	0.8014	0.5716	0.8430
1959-62	OBS. EXP.	6	2	3	1	0	0	0	0	0		
			2.1	1.7	1.1	0.4	0.4	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		0.971 1.000	1.720 1.000	0.934 0.711	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.6776	0.8197	0.8124	0.7844	0.7728	0.7775	0.7611	0.8461	0.8084	0.9569	0.8139
1963-66	OBS. EXP.	13	4	7	1	0	1	0	0	0		
			5.2	3.6	2.3	0.7	0.6	0.2	0.1	0.2		
	OBS./EXP. RELATIVE RISK		0.767 1.000	1.962 1.000	0.431 0.344	0.000 0.000	1.546 1.234	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.8380	0.8493	0.3919	0.7973	0.7785	0.7878	0.8868	0.6963	0.8306	0.5654	0.7588
1967-70	OBS. EXP.	7	4	2	0	1	0	0	0	0		
			2.7	1.9	1.3	0.4	0.4	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK		1.461 1.000	1.037 1.000	0.000 0.000	2.418 1.880	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.8872	0.3156	0.8158	0.7861	0.7727	0.7780	0.7794	0.8498	0.8100	0.8505	0.7559
1971-74	OBS. EXP.	6	1	3	2	0	0	0	0	0		
			2.5	1.6	1.1	0.3	0.3	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		0.404 1.000	1.845 1.000	1.836 1.881	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.3772	0.7923	0.7890	0.7688	0.7633	0.7674	0.3708	0.8038	0.7782	0.8233	0.7319
1975-78	OBS. EXP.	5	2	1	2	0	0	0	0	0		
			2.2	1.3	0.9	0.2	0.2	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.903 1.000	0.748 1.000	2.220 2.627	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO, TREND,	
		0.4659	0.7860	0.7841	0.7667	0.7625	0.7652	0.3825	0.7953	0.7735	0.9601	0.6779

TABLE 36-7 SUICIDOE

TABLE 36-7

HIROSHIMA • NAGASAKI, MALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAO										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	44	22	15	4	2	1	0	0	0		
	EXP.	17.5	12.4	8.5	2.5	1.7	0.6	0.3	0.5	0.5		
	OBS./EXP. RELATIVE RISK	1.258	1.210	0.471	0.787	0.589	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.9344	AB=0? 0.7337	AB=E? 0.7733	AB=F? 0.8323	AB=G? 0.7959	AB=H? 0.8148	AB=CD? 0.9332	AB=E-H? 0.8839	AB=FGH? 0.8826	HOMO, 0.5408	TREND, 0.9420
1950-54	OBS. EXP.	14	8	3	2	0	1	0	0	0		
	EXP.	5.6	4.0	2.7	0.8	0.5	0.2	0.1	0.2	0.2		
	OBS./EXP. RELATIVE RISK	1.438	0.745	0.742	0.000	1.866	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7308	AB=0? 0.8423	AB=E? 0.3369	AB=F? 0.7879	AB=G? 0.7729	AB=H? 0.7824	AB=CD? 0.8029	AB=E-H? 0.6144	AB=FGH? 0.8155	HOMO, 0.8695	TREND, 0.7377
1955-58	OBS. EXP.	14	6	6	1	1	0	0	0	0		
	EXP.	5.5	4.0	2.7	0.8	0.5	0.2	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.083	1.504	0.371	1.266	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8675	AB=0? 0.4514	AB=E? 0.8245	AB=F? 0.7888	AB=G? 0.7725	AB=H? 0.7811	AB=CD? 0.8285	AB=E-H? 0.8602	AB=FGH? 0.8149	HOMO, 0.8684	TREND, 0.8300
1959-62	OBS. EXP.	7	2	5	0	0	0	0	0	0		
	EXP.	2.9	1.9	1.3	0.4	0.3	0.1	0.0	0.0	0.1		
	OBS./EXP. RELATIVE RISK	0.697	2.578	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8975	AB=0? 0.8225	AB=E? 0.8035	AB=F? 0.7775	AB=G? 0.7684	AB=H? 0.7734	AB=CD? 0.9191	AB=E-H? 0.8299	AB=FGH? 0.7957	HOMO, 0.3992	TREND, 0.8037
1963-66	OBS. EXP.	4	4	0	0	0	0	0	0	0		
	EXP.	1.5	1.1	0.8	0.2	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	2.597	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8687	AB=0? 0.8048	AB=E? 0.7921	AB=F? 0.7748	AB=G? 0.7670	AB=H? 0.7704	AB=CD? 0.8888	AB=E-H? 0.8154	AB=FGH? 0.7895	HOMO, 0.4663	TREND, 0.8044
1967-70	OBS. EXP.	1	0	0	1	0	0	0	0	0		
	EXP.	0.2	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	0.000	4.240	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.2399	AB=0? X	AB=E? X	AB=F? X	AB=G? X	AB=H? X	AB=CD? 0.2398	AB=E-H? X	AB=FGH? X	HOMO, 0.8620	TREND, 0.5241
1971-74	OBS. EXP.	3	1	1	0	1	0	0	0	0		
	EXP.	1.3	0.8	0.6	0.6	0.2	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.748	1.308	0.000	6.000	6.304	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8303	AB=0? 0.2582	AB=E? 0.7719	AB=F? 0.7652	AB=G? 0.7633	AB=H? 0.7644	AB=CD? 0.3512	AB=E-H? 0.7827	AB=FGH? 0.7719	HOMO, 0.6528	TREND, 0.4973
1975-78	OBS. EXP.	1	1	0	0	0	0	0	0	0		
	EXP.	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	2.307	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8129	AB=0? 0.7772	AB=E? 0.7681	AB=F? 0.7626	AB=G? 0.7628	AB=H? 0.7617	AB=CD? 0.8246	AB=E-H? 0.7741	AB=FGH? 0.7665	HOMO, 0.9882	TREND, 0.6204

TABLE 36-A SUICIDE,

TABLE 36-B

HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	T-65 TOTAL DOSE IN RAD											
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78	OBS. TOTAL	211	80	70	34	13	11	0	0	3			
	EXP.	80.9	60.9	41.0	11.7	8.6	3.9	1.8	2.1				
	OBS./EXP. RELATIVE RISK	0.989	1.149	0.829	1.110	1.282	0.000	0.000	1.413				
	TEST PROB.	0.8398	0.4610	0.4067	0.9529	0.8887	0.4115	0.7879	0.7519	0.9325	0.2183	HOMO, 0.2183	TREND, 0.7575
1950-54	OBS. EXP.	31	14	9	6	2	2	0	0	0			
	RELATIVE RISK	1.134	1.035	0.664	1.173	1.715	0.000	0.000	0.000				
	TEST PROB.	0.7963	0.4422	0.3802	0.8220	0.7926	0.7963	0.7524	0.6604	0.8632	0.9162	HOMO, 0.9162	TREND, 0.7564
1955-58	OBS. EXP.	43	15	13	8	5	1	0	0	1			
	RELATIVE RISK	0.904	1.064	0.974	2.057	0.533	0.000	0.000	2.341				
	TEST PROB.	0.4703	0.2290	0.7846	0.2540	0.8009	0.3047	0.3692	0.8105	0.7599	0.6157	HOMO, 0.6157	TREND, 0.4451
1959-62	OBS. EXP.	26	15	5	5	0	1	0	0	0			
	RELATIVE RISK	1.438	0.677	0.986	0.000	1.119	0.000	0.000	0.000				
	TEST PROB.	0.6165	0.8743	0.5812	0.8099	0.7861	0.7894	0.7437	0.7721	0.8464	0.6297	HOMO, 0.6297	TREND, 0.8711
1963-66	OBS. EXP.	24	9	9	3	1	2	0	0	0			
	RELATIVE RISK	1.015	1.259	0.644	0.723	1.965	0.000	0.000	0.000				
	TEST PROB.	0.7961	0.7010	0.3862	0.8146	0.7860	0.7872	0.8018	0.6008	0.8483	0.8797	HOMO, 0.8797	TREND, 0.7329
1967-70	OBS. EXP.	20	4	10	1	2	2	0	0	1			
	RELATIVE RISK	0.566	1.640	0.248	1.737	2.372	0.000	0.000	4.436				
	TEST PROB.	0.9038	0.3806	0.4029	0.8057	0.7815	0.2714	0.8076	0.4025	0.4103	0.1039	HOMO, 0.1039	TREND, 0.0869
1971-74	OBS. EXP.	46	13	20	9	3	1	0	0	0			
	RELATIVE RISK	0.742	1.503	1.012	1.182	0.513	0.000	0.000	0.000				
	TEST PROB.	0.5884	0.4217	0.7635	0.8434	0.8013	0.8105	0.5521	0.8852	0.8898	0.4355	HOMO, 0.4355	TREND, 0.9012
1975-78	OBS. EXP.	21	10	4	4	0	2	0	0	1			
	RELATIVE RISK	1.240	0.660	0.974	0.000	2.405	0.000	0.000	4.591				
	TEST PROB.	0.5508	0.8500	0.2974	0.7916	0.7775	0.2637	0.6921	0.2962	0.3444	0.3930	HOMO, 0.3930	TREND, 0.1694

TABLE 36-9 SUICIDE

TABLE 36-9

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	28	11	10	4	1	1	0	0	1		
	EXP.		10.4	8.8	5.7	1.4	0.8	0.4	0.2	0.3		
	OBS./EXP. RELATIVE RISK		1.054 1.000	1.135	0.696 0.638	0.718 0.658	1.249 1.145	0.000 0.000	0.000 0.000	3.812 3.493		
	TEST PROB.	AB=C? 0.7667	AB=D? 0.6952	AB=E? 0.3879	AB=F? 0.8016	AB=G? 0.7790	AB=H? 0.2747	AB=CD? 0.7831	AB=E-H? 0.4019	AB=FGH? 0.4033	HOMO. 0.8345	TREND. 0.2972
1950-54	OBS. TOTAL	1	1	0	0	0	0	0	0	0		
	EXP.		0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		4.921 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8312	AB=D? 0.7830	AB=E? 0.7743	AB=F? 0.7684	AB=G? 0.7635	AB=H? 0.7668	AB=CD? 0.8452	AB=E-H? 0.7901	AB=FGH? 0.7776	HOMO. 0.7889	TREND. 0.8023
1955-58	OBS. TOTAL	7	0	4	1	1	0	0	0	1		
	EXP.		2.2	2.4	1.5	0.4	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.679	0.649 0.745	2.592 2.978	0.000 0.000	0.000 0.000	0.000 0.000	12.084 13.886		
	TEST PROB.	AB=C? 0.6354	AB=D? 0.2838	AB=E? 0.7855	AB=F? 0.7742	AB=G? 0.7660	AB=H? 0.2480	AB=CD? 0.3879	AB=E-H? 0.2964	AB=FGH? 0.2665	HOMO. 0.0309	TREND. 0.0109
1959-62	OBS. TOTAL	5	3	1	1	0	0	0	0	0		
	EXP.		2.1	1.5	1.0	0.2	0.1	0.1	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.447 1.000	0.677	1.030 0.914	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.5901	AB=D? 0.7877	AB=E? 0.7759	AB=F? 0.7669	AB=G? 0.7632	AB=H? 0.7641	AB=CD? 0.6648	AB=E-H? 0.7877	AB=FGH? 0.7733	HOMO. 0.9932	TREND. 0.7153
1963-66	OBS. TOTAL	2	2	0	0	0	0	0	0	0		
	EXP.		0.9	0.5	0.4	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		2.140 1.000	0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8240	AB=D? 0.7773	AB=E? 0.7698	AB=F? 0.7643	AB=G? 0.7620	AB=H? 0.7625	AB=CD? 0.8350	AB=E-H? 0.7773	AB=FGH? 0.7682	HOMO. 0.9427	TREND. 0.6333
1967-70	OBS. TOTAL	2	1	1	0	0	0	0	0	0		
	EXP.		0.7	0.7	0.4	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		1.493 1.000	1.504	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.8417	AB=D? 0.7860	AB=E? 0.7761	AB=F? 0.7688	AB=G? 0.7639	AB=H? 0.7666	AB=CD? 0.8558	AB=E-H? 0.7919	AB=FGH? 0.7779	HOMO. 0.9945	TREND. 0.7060
1971-74	OBS. TOTAL	8	4	3	1	0	0	0	0	0		
	EXP.		3.2	2.1	1.6	0.4	0.2	0.1	0.0	0.1		
	OBS./EXP. RELATIVE RISK		1.248 1.000	1.242	0.631 0.507	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.7605	AB=D? 0.8127	AB=E? 0.7927	AB=F? 0.7770	AB=G? 0.7676	AB=H? 0.7720	AB=CD? 0.8049	AB=E-H? 0.8193	AB=FGH? 0.7934	HOMO. 0.9863	TREND. 0.7857
1975-78	OBS. TOTAL	3	0	1	1	0	1	0	0	0		
	EXP.		1.1	0.9	0.6	0.1	0.1	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK		0.000 1.000	1.069	1.638 3.396	0.000 0.000	11.292 24.655	0.000 0.000	0.000 0.000	0.000 0.000		
	TEST PROB.	AB=C? 0.2795	AB=D? 0.7719	AB=E? 0.2430	AB=F? 0.7629	AB=G? 0.7614	AB=H? 0.7618	AB=CD? 0.2912	AB=E-H? 0.2458	AB=FGH? 0.7655	HOMO. 0.1090	TREND. 0.1704

TABLE 36-10 SUICIDE

TABLE 36-10

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	65	28	13	14	6	4	0	0	0		
	EXP.		25.0	18.0	11.2	3.7	3.7	1.8	0.8	0.8		
	OBS./EXP.		1.118	0.723	1.245	1.620	1.067	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.306	1.700	1.120	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3238	0.2931	0.5219	0.8956	0.8306	0.8290	0.2289	0.8391	0.9390	0.4029	0.9095
1950-54	OBS. TOTAL	11	8	1	1	1	0	0	0	0		
	EXP.		4.6	2.9	1.9	0.6	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.732	0.346	0.518	1.761	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.432	1.469	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.7928	0.3508	0.8309	0.7987	0.7788	0.7778	0.7159	0.8706	0.8245	0.5779	0.8264
1955-58	OBS. TOTAL	17	8	4	4	2	1	0	0	0		
	EXP.		6.2	4.8	2.9	1.0	1.1	0.5	0.2	0.2		
	OBS./EXP.		0.971	0.828	1.370	1.960	0.907	0.000	0.000	0.000		
	RELATIVE RISK		1.000		1.508	2.157	0.998	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.4736	0.3942	0.6690	0.8334	0.7861	0.7862	0.3278	0.3088	0.3625	0.9305	0.7473
1959-62	OBS. TOTAL	7	5	1	1	0	0	0	0	0		
	EXP.		3.0	1.8	1.2	0.4	0.3	0.1	0.1	0.1		
	OBS./EXP.		1.669	0.550	0.811	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.651	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.6988	0.8108	0.8094	0.7856	0.7729	0.7724	0.7593	0.8410	0.8049	0.9005	0.8124
1963-66	OBS. TOTAL	7	3	2	0	1	1	0	0	0		
	EXP.		2.5	2.0	1.2	0.4	0.5	0.2	0.1	0.1		
	OBS./EXP.		1.193	0.999	0.000	2.345	2.178	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	2.118	1.967	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8730	0.2986	0.3200	0.7934	0.7730	0.7728	0.7325	0.5615	0.8123	0.8751	0.5666
1967-70	OBS. TOTAL	5	1	1	0	2	1	0	0	0		
	EXP.		1.8	1.4	0.9	0.3	0.3	0.2	0.1	0.1		
	OBS./EXP.		0.546	0.705	0.000	6.670	3.160	0.000	0.000	0.000		
	RELATIVE RISK		1.000		0.000	10.841	5.136	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.8295	0.1097	0.2571	0.7812	0.7673	0.7671	0.4112	0.2766	0.7925	0.0725	0.2569
1971-74	OBS. TOTAL	13	3	4	6	0	0	0	0	0		
	EXP.		4.8	3.7	2.2	0.8	0.8	0.4	0.2	0.2		
	OBS./EXP.		0.623	1.089	2.685	0.000	0.000	0.000	0.000	0.000		
	RELATIVE RISK		1.000		3.257	0.000	0.000	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.0942	0.8291	0.8362	0.8033	0.7773	0.7767	0.1848	0.8760	0.8267	0.2274	0.8509
1975-78	OBS. TOTAL	5	2	0	2	0	1	0	0	0		
	EXP.		2.1	1.3	0.9	0.3	0.2	0.1	0.1	0.1		
	OBS./EXP.		0.962	0.000	2.301	0.000	4.184	0.000	0.000	0.000		
	RELATIVE RISK		1.000		3.927	0.000	7.139	0.000	0.000	0.000		
	TEST	AB=C?	AB=D?	AB=E?	AB=F?	AB=G?	AB=H?	AB=CD?	AB=E-H?	AB=FGH?	HOMO.	TREND.
	PROB.	0.3437	0.7797	0.2502	0.7659	0.7650	0.7645	0.4590	0.2613	0.7745	0.5737	0.4050

TABLE 36-11 SUICIDE

TABLE 36-11

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	36	13	11	7	2	2	0	0	1		
	EXP.	13.6	10.5	6.9	2.1	1.5	0.6	0.3	0.5			
	OBS./EXP. RELATIVE RISK	0.957	1.049	1.019	0.940	1.370	0.000	0.000	2.117	2.124		
	TEST PROB.	AB=C? 0.4750	AB=D? 0.5459	AB=E? 0.3812	AB=F? 0.8152	AB=G? 0.7943	AB=H? 0.3031	AB=CD? 0.5144	AB=E-H? 0.4236	AB=FGH? 0.6810	HOMO, 0.9681	TREND, 0.4305
1950-54	OBS. TOTAL	6	2	2	1	0	1	0	0	0		
	EXP.	2.4	1.7	1.1	0.3	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.824	1.196	0.885	0.000	4.702	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.5993	AB=D? 0.8030	AB=E? 0.2649	AB=F? 0.7762	AB=G? 0.7687	AB=H? 0.7718	AB=CD? 0.6255	AB=E-H? 0.2966	AB=FGH? 0.7933	HOMO, 0.8191	TREND, 0.4784
1955-58	OBS. TOTAL	4	2	2	0	0	0	0	0	0		
	EXP.	1.5	1.2	0.8	0.2	0.2	0.1	0.0	0.0	0.1		
	OBS./EXP. RELATIVE RISK	1.303	1.736	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8652	AB=D? 0.8030	AB=E? 0.7923	AB=F? 0.7761	AB=G? 0.7686	AB=H? 0.7715	AB=CD? 0.8951	AB=E-H? 0.8183	AB=FGH? 0.7929	HOMO, 0.9548	TREND, 0.7629
1959-62	OBS. TOTAL	3	2	0	1	0	0	0	0	0		
	EXP.	1.1	0.9	0.6	0.2	0.1	0.1	0.0	0.0	0.3		
	OBS./EXP. RELATIVE RISK	1.837	0.000	1.737	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3243	AB=D? 0.7915	AB=E? 0.7874	AB=F? 0.7743	AB=G? 0.7673	AB=H? 0.7687	AB=CD? 0.3672	AB=E-H? 0.8100	AB=FGH? 0.7878	HOMO, 0.9242	TREND, 0.7193
1963-66	OBS. TOTAL	6	2	1	2	0	1	0	0	0		
	EXP.	2.4	1.7	1.1	0.3	0.2	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.822	0.600	1.771	0.000	4.676	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.4110	AB=D? 0.7902	AB=E? 0.2535	AB=F? 0.7668	AB=G? 0.7643	AB=H? 0.7666	AB=CD? 0.3673	AB=E-H? 0.2684	AB=FGH? 0.7765	HOMO, 0.7242	TREND, 0.4372
1967-70	OBS. TOTAL	2	0	2	0	0	0	0	0	0		
	EXP.	0.9	0.5	0.4	0.1	0.1	0.0	0.0	0.0	0.0		
	OBS./EXP. RELATIVE RISK	0.000	3.869	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8274	AB=D? 0.7832	AB=E? 0.7729	AB=F? 0.7651	AB=G? 0.7632	AB=H? 0.7649	AB=CD? 0.8418	AB=E-H? 0.7840	AB=FGH? 0.7723	HOMO, 0.5707	TREND, 0.6726
1971-74	OBS. TOTAL	9	2	3	2	2	0	0	0	0		
	EXP.	3.3	2.7	1.7	0.5	0.4	0.4	0.2	0.1	0.1		
	OBS./EXP. RELATIVE RISK	0.610	1.118	1.159	1.382	3.705	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3793	AB=D? 0.2018	AB=E? 0.7954	AB=F? 0.7774	AB=G? 0.7695	AB=H? 0.7722	AB=CD? 0.3224	AB=E-H? 0.8227	AB=FGH? 0.7952	HOMO, 0.6213	TREND, 0.6025
1975-78	OBS. TOTAL	6	3	1	1	0	0	0	0	1		
	EXP.	1.9	1.9	1.2	0.4	0.3	0.1	0.1	0.1	0.1		
	OBS./EXP. RELATIVE RISK	1.558	0.525	0.846	0.000	0.000	0.000	0.000	0.000	11.037		
	TEST PROB.	AB=C? 0.6262	AB=D? 0.8021	AB=E? 0.7927	AB=F? 0.7762	AB=G? 0.7688	AB=H? 0.2494	AB=CD? 0.7054	AB=E-H? 0.3193	AB=FGH? 0.2736	HOMO, 0.1301	TREND, 0.0532

TABLE 36-12 SUICIDE

TABLE 36-12

HIROSHIMA + NAGASAKI, FEMALE, AGE AYB 35-49

YEAR CLASS	T-65 TOTAL DOSE IN RAD											
	TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H			
1950-78 TOTAL	OBS. EXP. 49	16 18.4	23 14.1	2 10.4	4 2.7	3 1.7	0 0.8	0 0.4	1 0.5			
	OBS./EXP. RELATIVE RISK	0.869 1.000	1.627 1.000	0.192 0.160	1.497 1.249	1.722 1.437	0.000 0.000	0.000 0.000	2.039 1.701			
	TEST PROB.	AB=C? 0.9856	AB=D? 0.4272	AB=E? 0.4210	AB=F? 0.8438	AB=G? 0.8044	AB=H? 0.3358	AB=CD? 0.9574	AB=E-H? 0.5776	AB=FGH? 0.7730	HOMO, 0.0246	TREND, 0.4129
1950-54 TOTAL	OBS. EXP. 5	3 2.3	1 1.2	0 1.0	1 0.3	0 0.2	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	1.328 1.000	0.835 1.000	0.000 0.000	3.851 3.329	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8665	AB=D? 0.2771	AB=E? 0.7823	AB=F? 0.7689	AB=G? 0.7647	AB=H? 0.7657	AB=CD? 0.6864	AB=E-H? 0.7978	AB=FGH? 0.7781	HOMO, 0.8171	TREND, 0.6001
1955-58 TOTAL	OBS. EXP. 7	1 2.9	3 1.9	1 1.5	2 0.4	0 0.2	0 0.1	0 0.0	0 0.1			
	OBS./EXP. RELATIVE RISK	0.347 1.000	1.617 1.000	0.688 0.815	5.357 6.349	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.6397	AB=D? 0.1522	AB=E? 0.7875	AB=F? 0.7737	AB=G? 0.7665	AB=H? 0.7688	AB=CD? 0.4459	AB=E-H? 0.8094	AB=FGH? 0.7868	HOMO, 0.2086	TREND, 0.4906
1959-62 TOTAL	OBS. EXP. 5	3 1.4	1 1.7	0 1.1	0 0.3	1 0.2	0 0.1	0 0.0	0 0.1			
	OBS./EXP. RELATIVE RISK	2.072 1.000	0.586 1.000	0.000 0.000	0.000 0.000	4.801 3.788	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8793	AB=D? 0.8032	AB=E? 0.2722	AB=F? 0.7776	AB=G? 0.7680	AB=H? 0.7714	AB=CD? 0.8970	AB=E-H? 0.3165	AB=FGH? 0.7938	HOMO, 0.4519	TREND, 0.5956
1963-66 TOTAL	OBS. EXP. 3	1 1.1	2 0.9	0 0.6	0 0.2	0 0.1	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	0.919 1.000	2.257 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8595	AB=D? 0.7939	AB=E? 0.7838	AB=F? 0.7724	AB=G? 0.7657	AB=H? 0.7682	AB=CD? 0.8758	AB=E-H? 0.8042	AB=FGH? 0.7844	HOMO, 0.9313	TREND, 0.7207
1967-70 TOTAL	OBS. EXP. 9	1 3.0	5 2.8	1 2.0	0 0.5	1 0.3	0 0.2	0 0.1	1 0.1			
	OBS./EXP. RELATIVE RISK	0.332 1.000	1.781 1.000	0.511 0.496	0.000 0.000	2.869 2.783	0.000 0.000	0.000 0.000	8.906 8.641			
	TEST PROB.	AB=C? 0.7630	AB=D? 0.8180	AB=E? 0.2856	AB=F? 0.7838	AB=G? 0.7713	AB=H? 0.2552	AB=CD? 0.8112	AB=E-H? 0.4053	AB=FGH? 0.2956	HOMO, 0.0748	TREND, 0.0246
1971-74 TOTAL	OBS. EXP. 15	4 5.7	9 4.3	0 3.2	1 0.8	1 0.5	0 0.2	0 0.1	0 0.1			
	OBS./EXP. RELATIVE RISK	0.696 1.000	2.097 1.000	0.000 0.000	1.244 0.960	1.914 1.478	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.9516	AB=D? 0.5685	AB=E? 0.3489	AB=F? 0.7963	AB=G? 0.7768	AB=H? 0.7832	AB=CD? 0.9266	AB=E-H? 0.8622	AB=FGH? 0.8256	HOMO, 0.1909	TREND, 0.6683
1975-78 TOTAL	OBS. EXP. 5	3 2.0	2 1.4	0 1.0	0 0.3	0 0.2	0 0.1	0 0.0	0 0.0			
	OBS./EXP. RELATIVE RISK	1.494 1.000	1.451 1.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000			
	TEST PROB.	AB=C? 0.8843	AB=D? 0.8048	AB=E? 0.7905	AB=F? 0.7746	AB=G? 0.7669	AB=H? 0.7692	AB=CD? 0.9018	AB=E-H? 0.8132	AB=FGH? 0.7883	HOMO, 0.9337	TREND, 0.7846

TABLE 36-13 SUICIDE

TABLE 36-13

HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR	CLASS	T-65 TOTAL DOSE IN RAD										
		TOTAL	0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	33	12	13	7	0	1	0	0	0		
	EXP.	13.4	9.5	6.7	1.8	0.8	0.4	0.2	0.1			
	OBS./EXP. RELATIVE RISK	0.895	1.364	1.040	0.000	1.206	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.5753	AB=D? 0.8951	AB=E? 0.4390	AB=F? 0.8042	AB=G? 0.7811	AB=H? 0.7790	AB=CD? 0.7302	AB=E-H? 0.7285	AB=FGH? 0.8321	HOMO, 0.7820	TREND, 0.8319
1950-54	OBS. EXP.	8	0	5	2	0	1	0	0	0		
	RELATIVE RISK	0.000	1.000	1.961	1.173	0.000	4.100	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3909	AB=D? 0.8102	AB=E? 0.2655	AB=F? 0.7745	AB=G? 0.7664	AB=H? 0.7666	AB=CD? 0.5589	AB=E-H? 0.2904	AB=FGH? 0.7855	HOMO, 0.2634	TREND, 0.3680
1955-58	OBS. EXP.	8	6	0	2	0	0	0	0	0		
	RELATIVE RISK	1.590	1.000	0.000	1.300	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3877	AB=D? 0.8070	AB=E? 0.7799	AB=F? 0.7684	AB=G? 0.7641	AB=H? 0.7637	AB=CD? 0.5349	AB=E-H? 0.7930	AB=FGH? 0.7751	HOMO, 0.7631	TREND, 0.7160
1959-62	OBS. EXP.	6	2	2	2	0	0	0	0	0		
	RELATIVE RISK	0.708	1.000	1.348	1.715	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.3760	AB=D? 0.7957	AB=E? 0.7745	AB=F? 0.7666	AB=G? 0.7632	AB=H? 0.7629	AB=CD? 0.3707	AB=E-H? 0.7849	AB=FGH? 0.7718	HOMO, 0.9808	TREND, 0.6718
1963-66	OBS. EXP.	6	1	4	1	0	0	0	0	0		
	RELATIVE RISK	0.527	1.000	1.952	0.755	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7230	AB=D? 0.8162	AB=E? 0.7938	AB=F? 0.7784	AB=G? 0.7690	AB=H? 0.7662	AB=CD? 0.7780	AB=E-H? 0.8182	AB=FGH? 0.7909	HOMO, 0.8659	TREND, 0.7168
1967-70	OBS. EXP.	2	1	1	0	0	0	0	0	0		
	RELATIVE RISK	1.532	1.000	1.449	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8384	AB=D? 0.7894	AB=E? 0.7755	AB=F? 0.7687	AB=G? 0.7645	AB=H? 0.7633	AB=CD? 0.8549	AB=E-H? 0.7890	AB=FGH? 0.7754	HOMO, 0.9948	TREND, 0.7242
1971-74	OBS. EXP.	1	0	1	0	0	0	0	0	0		
	RELATIVE RISK	0.000	1.000	4.036	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8094	AB=D? 0.7738	AB=E? 0.7661	AB=F? 0.7629	AB=G? 0.7610	AB=H? 0.7610	AB=CD? 0.8191	AB=E-H? 0.7700	AB=FGH? 0.7643	HOMO, 0.3817	TREND, 0.6146
1975-78	OBS. EXP.	2	2	0	0	0	0	0	0	0		
	RELATIVE RISK	2.184	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8322	AB=D? 0.7822	AB=E? 0.7688	AB=F? 0.7641	AB=G? 0.7616	AB=H? 0.7617	AB=CD? 0.8455	AB=E-H? 0.7749	AB=FGH? 0.7668	HOMO, 0.9367	TREND, 0.6532

TABLE 36-14 SUICIDE

TABLE 36-14

HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T-65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-79	OBS. TOTAL	323	158	89	41	21	13	1	0	0		
	EXP.	146.4	86.5	57.2	14.6	9.8	3.7	2.0	2.9			
	OBS./EXP. RELATIVE RISK	1.079	1.029	0.717	1.442	1.331	0.271	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.9553	AB=D? 0.1954	AB=E? 0.3294	AB=F? 0.3854	AB=G? 0.8932	AB=H? 0.9226	AB=CD? 0.8559	AB=E-H? 0.8190	AB=FGH? 0.9773	HOMO, 0.0220	TREND, 0.9749
1950-54	OBS. EXP.	65	40	9	8	3	5	0	0	0		
	RELATIVE RISK	1.365	0.513	0.706	1.025	2.418	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7987	AB=D? 0.5412	AB=E? 0.1502	AB=F? 0.8302	AB=G? 0.8043	AB=H? 0.8208	AB=CD? 0.7729	AB=E-H? 0.4508	AB=FGH? 0.8888	HOMO, 0.0351	TREND, 0.7509
1955-58	OBS. EXP.	73	35	19	11	7	1	0	0	0		
	RELATIVE RISK	1.058	0.969	0.856	2.124	0.453	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6831	AB=D? 0.1348	AB=E? 0.7373	AB=F? 0.2334	AB=G? 0.8032	AB=H? 0.8210	AB=CD? 0.4716	AB=E-H? 0.8990	AB=FGH? 0.8903	HOMO, 0.4099	TREND, 0.8743
1959-62	OBS. EXP.	44	23	15	4	1	0	1	0	0		
	RELATIVE RISK	1.144	1.281	0.509	0.499	0.418	0.000	2.076	0.300	0.000		
	TEST PROB.	AB=C? 0.9053	AB=D? 0.7967	AB=E? 0.3701	AB=F? 0.3238	AB=G? 0.7925	AB=H? 0.8018	AB=CD? 0.9245	AB=E-H? 0.8285	AB=FGH? 0.6547	HOMO, 0.5239	TREND, 0.8639
1963-66	OBS. EXP.	42	18	14	4	2	2	0	0	0		
	RELATIVE RISK	0.947	1.403	0.547	1.082	1.543	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.8681	AB=D? 0.5431	AB=E? 0.3833	AB=F? 0.8114	AB=G? 0.7891	AB=H? 0.8033	AB=CD? 0.8371	AB=E-H? 0.6829	AB=FGH? 0.8585	HOMO, 0.6656	TREND, 0.8035
1967-70	OBS. EXP.	22	8	6	3	3	2	0	0	0		
	RELATIVE RISK	0.804	1.035	0.759	3.034	2.840	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6270	AB=D? 0.1558	AB=E? 0.2845	AB=F? 0.7843	AB=G? 0.7727	AB=H? 0.7792	AB=CD? 0.4170	AB=E-H? 0.3947	AB=FGH? 0.8099	HOMO, 0.3593	TREND, 0.3892
1971-74	OBS. EXP.	52	20	20	7	4	1	0	0	0		
	RELATIVE RISK	0.846	1.454	0.745	1.700	0.665	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.7673	AB=D? 0.3741	AB=E? 0.7065	AB=F? 0.8172	AB=G? 0.7935	AB=H? 0.5042	AB=CD? 0.6437	AB=E-H? 0.8409	AB=FGH? 0.8655	HOMO, 0.4627	TREND, 0.8432
1975-78	OBS. EXP.	25	14	4	4	1	2	0	0	0		
	RELATIVE RISK	1.237	0.598	0.890	0.881	2.639	0.000	0.000	0.000	0.000		
	TEST PROB.	AB=C? 0.6188	AB=D? 0.6136	AB=E? 0.3387	AB=F? 0.7876	AB=G? 0.7760	AB=H? 0.7208	AB=CD? 0.6161	AB=E-H? 0.3810	AB=FGH? 0.8163	HOMO, 0.7277	TREND, 0.6123

TABLE 36-15 SUICIDE

TABLE 36-15

NAGASAKI, MALE + FEMALE, ALL AGES

YEAR CLASS	CLASS	TOTAL	T=65 TOTAL DOSE IN RAD									
			0 A	1-9 B	10-49 C	50-99 D	100-199 E	200-299 F	300-399 G	400+ H		
1950-78	OBS. TOTAL	117	27	58	20	4	4	1	0	3		
	EXP.	24.5	42.5	23.5	9.1	9.0	4.6	1.7	2.2			
	OBS./EXP. RELATIVE RISK	1.102	1.365	0.852	0.442	0.447	0.217	0.000	1.354			
	TEST PROB.	0.8849	0.9482	0.9472	0.9391	0.8932	0.4298	0.9586	0.9819	0.9347	0.0178	0.9813
1950-54	OBS. TOTAL	13	5	6	2	0	0	0	0	0		
	EXP.	2.7	4.8	2.8	1.0	0.9	0.4	0.2	0.2			
	OBS./EXP. RELATIVE RISK	1.876	1.247	0.712	0.000	0.000	0.000	0.000	0.000			
	TEST PROB.	0.8075	0.8719	0.8666	0.8233	0.7870	0.7966	0.8799	0.9164	0.8614	0.6234	0.9311
1955-58	OBS. TOTAL	25	6	14	2	1	1	0	0	1		
	EXP.	5.4	8.8	4.8	2.0	2.1	1.1	0.4	0.5			
	OBS./EXP. RELATIVE RISK	1.107	1.588	0.420	0.506	0.479	0.000	0.000	2.106			
	TEST PROB.	0.9130	0.8249	0.8497	0.8780	0.8100	0.3389	0.9364	0.8916	0.8241	0.3471	0.7700
1959-62	OBS. TOTAL	14	3	8	2	0	1	0	0	0		
	EXP.	2.9	5.2	3.0	1.1	1.0	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	1.038	1.545	0.677	0.000	1.049	0.000	0.000	0.000			
	TEST PROB.	0.7981	0.8730	0.6543	0.3255	0.7894	0.8008	0.8753	0.8169	0.8668	0.7923	0.8784
1963-66	OBS. TOTAL	16	3	10	1	1	1	0	0	0		
	EXP.	3.3	5.8	3.2	1.3	1.2	0.6	0.2	0.3			
	OBS./EXP. RELATIVE RISK	0.903	1.720	0.313	0.774	0.818	0.000	0.000	0.000			
	TEST PROB.	0.9108	0.7425	0.7215	0.8347	0.7939	0.8015	0.9078	0.8558	0.8759	0.5573	0.8912
1967-70	OBS. TOTAL	14	3	7	2	1	0	0	0	1		
	EXP.	2.9	5.1	2.9	1.1	1.0	0.5	0.2	0.3			
	OBS./EXP. RELATIVE RISK	1.018	1.370	0.683	0.934	0.000	0.000	0.000	3.872			
	TEST PROB.	0.7729	0.6639	0.8563	0.8216	0.7889	0.2800	0.7640	0.7871	0.6173	0.6789	0.4736
1971-74	OBS. TOTAL	23	4	9	3	1	0	1	0	0		
	EXP.	4.8	8.3	4.5	1.8	1.9	1.0	0.3	0.4			
	OBS./EXP. RELATIVE RISK	0.828	1.080	1.792	0.569	0.000	1.039	0.000	0.000			
	TEST PROB.	0.2268	0.7193	0.8833	0.4130	0.7914	0.8032	0.3290	0.8623	0.7153	0.5304	0.9023
1975-78	OBS. TOTAL	12	3	4	3	0	1	0	0	1		
	EXP.	2.5	4.4	2.4	0.9	1.0	0.5	0.2	0.2			
	OBS./EXP. RELATIVE RISK	1.220	0.906	1.268	0.000	1.051	0.000	0.000	4.135			
	TEST PROB.	0.3992	0.8416	0.4811	0.8090	0.7795	0.2708	0.5934	0.4424	0.4054	0.7468	0.3234

TABLE 37 NUMBER OF DEATHS IN LSS SAMPLE BY MAJOR CAUSE OF DEATH GROUP & A-BOMB EXPOSURE STATUS, 1950-78

APPENDIX TABLE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS			
		TOTAL	NOT IN CITY	A-BOMB SURVIVORS	
				KNOWN DOSE	UNKNOWN
4	ALL CAUSES.....	31,027	6,858	23,502	667
5	ALL DISEASES.....	29,191	6,440	22,131	620
6	ALL NEOPLASMS.....	6,537	1,402	4,982	153
7	ALL MALIGNANT NEOPLASMS.....	6,248	1,347	4,756	145
8	LEUKEMIA.....	206	18	180	8
9	ALL EXCEPT LEUKEMIA.....	6,042	1,329	4,576	137
10	DIGESTIVE ORGANS.....	3,941	888	2,967	86
11	ESOPHAGUS.....	194	35	156	3
12	STOMACH.....	2,338	528	1,754	56
13	LARGE BOWEL.....	207	47	157	3
14	RECTUM.....	212	50	157	5
15	PANCREAS.....	195	43	148	4
16	OTHER, UNSPECIFIED.....	795	185	595	15
17	RESPIRATORY SYSTEM.....	745	161	564	20
18	LUNG.....	617	146	459	12
19	BREAST.....	157	22	128	7
20	CERVIX AND UTERUS.....	443	97	332	14
21	CERVIX.....	93	19	72	2
22	URINARY ORGANS.....	139	34	104	1
23	LYMPHOMAS.....	137	30	106	1
24	OTHER MALIGNANT NEOPLASMS.....	478	95	375	8
25	ALL EXCEPT STOMACH, LUNG, BREAST, THYROID, LEUKEMIA.....	2,900	625	2,213	62
26	BENIGN & UNSPECIFIED NEOPLASMS.....	289	55	226	8
27	ALL NEOPLASMS EXCEPT STOMACH, LUNG, BREAST, THYROID, LEUKEMIA.....	3,189	680	2,439	70
28	ALL DISEASES EXCEPT NEOPLASMS.....	22,654	5,038	17,149	467
29	TUBERCULOSIS.....	1,514	311	1,140	63
30	CEREBROVASCULAR DISEASE.....	6,804	1,567	5,108	129
31	CIRCULATORY DISEASES EXCEPT CNS.....	4,820	1,024	3,724	72
32	DISEASES OF BLOOD & HEMATOPOIETIC.....	156	24	132	0
33	DIGESTIVE DISEASES.....	2,364	487	1,822	55
34	OTHER DISEASES.....	6,996	1,625	5,223	148
35	ACCIDENTS, POISONINGS, VIOLENCE.....	1,836	418	1,371	47
36	SUICIDE.....	602	144	440	18