TECHNICAL REPORT
15-73
業 績 報 告 書

JNIH-ABCC LIFE SPAN STUDY
REPORT 7
予研ＡＢＣＣ寿命調査
第７報

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ATOMIC BOMB CASUALTY COMMISSION

国立予防衛生研究所－原爆傷害調査委員会

JAPANESE NATIONAL INSTITUTE OF HEALTH OF THE MINISTRY OF HEALTH AND WELFARE

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A Cooperative Research Agency of
U.S.A. NATIONAL ACADEMY OF SCIENCES — NATIONAL RESEARCH COUNCIL
and
JAPANESE NATIONAL INSTITUTE OF HEALTH OF THE MINISTRY OF HEALTH AND WELFARE

with Funds Provided by
U.S.A. ATOMIC ENERGY COMMISSION
U.S.A. NATIONAL CANCER INSTITUTE
U.S.A. NATIONAL HEART AND LUNG INSTITUTE
U.S.A. ENVIRONMENTAL PROTECTION AGENCY
JAPANESE NATIONAL INSTITUTE OF HEALTH

原爆傷害調査委員会
広島および長崎

米国学士院－学術会議と日本国厚生省国立予防衛生研究所
との日米共同調査研究機関

米国原子力委員会，米国癌研究所，米国心臓・肺臓研究所
米国環境保護庁および日本国厚生省国立予防衛生研究所
の研究費による

PREFACE
序

This report, one of a series of comparable broad analyses, presents a segment of data from a continuing binational epidemiologic investigation. The research protocol was jointly authorized under agreements signed by the Directors of Japanese National Institute of Health (JNIH) and Atomic Bomb Casualty Commission (ABCC). The research plan and texts of the agreements are presented in bilingual Technical Report 4-59.

Presentation of these periodic analyses of data from the JNIH-ABCC long-term studies is possible only through the continuing cooperative research efforts which involved many former as well as current professional staff members. The authors of this report were responsible for the present analysis and interpretation, as well as for the text.

Bilingual presentation was authorized on the basis of review by the Japanese and American professional staff of ABCC; and by the Kyogikai jointly appointed by Dr. Ken Yanagisawa, Director of JNIH and Dr. LeRoy A. Allen, Director of ABCC.

この報告書は，一連の広範な解析報告の一つであって，日米両国が継続実施している疫学的調査から得たデータの一部を発表するものである．この調査に関する研究計画書は，国立予防衛生研究所(予研)と原爆傷害調査委員会(ABCC)との両機関の所長が調印した同意書によって承認を受けている．計画書と同意書の全文は業績報告書4－59に日英両語で発表した．

予研－ABCCの長期間にわたる調査から得られるデータを定期的に解析し，発表できるのは，ひとえに継続共同研究活動によるものであって，同時にこれは，数多くの前および現専門職員の寄与によるものである．この報告書は，本文の内容ならびにデータの解析と解釈については，著者が責任をもっている．

この日英両語による報告書は，ABCCの日米専門職員の検討に引き続いて，予研所長柳沢 謙とABCC所長LeRoy R. Allen が委嘱した協議会の審議を経て承認された．

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Approved 承認 *18 June 1973 (Kyogikai* 協議会 *)*

JNIH-ABCC LIFE SPAN STUDY REPORT 7
予研－ABCC寿命調査 第7報

MORTALITY EXPERIENCE OF A-BOMB SURVIVORS – 1970-72, 1950-72

原爆被爆者の死亡率 1970－72年および1950－72年

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SUMMARY

This report updates the mortality status of the JNIH-ABCC Life Span Study cohort by the addition of data for 1971 and 1972, and examines data to see what, if any, changes of significance have occurred since the issuance of the last report. Also presented are data for the entire period of observation, 1950-72.

There are no new findings of major importance in the data for the current period. Except for a few instances, the data serve to reinforce previously reported findings on the delayed effects of radiation exposure to the A-bombs.

The mortality experience of the Life Span Study cohort continues to be favorable. The death rates for the most recent period are probably the lowest ever recorded in the 22-year history of the study. Except for males 10-19 years of age at the time of the bomb, the current death rates appear to be significantly lower than the corresponding national death rates.

Leukemia continues to show the greatest excess of mortality despite the rapid decline in mortality. For the years 1970-72, the risk of mortality from leukemia for survivors exposed to 100 rad or more reached a very low level but it is still significant at the 5% level as contrasted with the comparison group 0-9 rad in Hiroshima.

要　約

本報では，前報までの資料に1971－72年の資料を追加して，予研－ABCC寿命調査の調査対象における最新の死亡率を示してある．さらに前報以来有意な変化が起こったか否かをみるため資料の検討を行なった．また，本報には全観察期間である1950－72年の資料もあわせて示してある．

追加観察期間においては，重要な新しい所見は認められなかった．若干の例外を除けば追加された新しい資料は，原爆放射線の遅発性影響について以前に報告されてきた所見をいっそう補強するものであった．

寿命調査対象者の死亡率は，その後も低い傾向を示している．最近の2年間に認められた死亡率は，おそらく過去22年間の調査で認められたものよりも低い．原爆時年齢が10－19歳であった男を除いては，この対象群における最近の死亡率は，それに対応する全国死亡率よりも有意に低いようである．

白血病による死亡率は年とともに急速に下降しているにもかかわらず，現在でもきわめて高い値を示している．1970－72年においては，100 rad以上の線量を受けた被曝者における白血病による死亡率はきわめて低い水準に達したが，広島では0－9 radの比較群に比べて5％の危険率でなお有意差を示している．

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The mortality risk from all malignant neoplasms other than leukemia for the heavily exposed population (200+ rad) is high compared with that for the 0-9 rad group. This is evident in the data for recent years as well as for the period as a whole. However, it does not appear as though the mortality risk for this group of neoplasms is increasing for the cohort of survivors exposed to 100+ rad.

Of interest for the period of observation as a whole is the increased risk in the heavily exposed group to mortality from cancer of the digestive organs other than the stomach. Also, for the recent period, the difference between the mortality ratio for stomach cancer for the 200+ rad group and that of the control group (0-9 rad) is suggestive of statistical significance (P = .096). Thus far, there is no evidence from the pathology studies to implicate radiation exposure as a possible cause of cancer of the digestive organs. Future changes in stomach cancer mortality bear watching.

Mortality ratios for cancer of specific sites are generally subject to considerable variability because of the relatively small number of cases. Accumulation of data for another 2 years will add stability to the mortality ratios and relative risk figures for the current period.

The elevated mortality risk for the residual group of malignant neoplasms in the high exposure group is statistically significant. This group of neoplasms include cancers of specific sites that have been shown to be associated with radiation exposure. However, a large number of deaths in this group is from malignancy of unspecified site.

INTRODUCTION

This is the seventh report from the JNIH-ABCC Life Span Study and brings up to date the mortality experience of the A-bomb survivors. In the last report prepared by Jablon and Kato,[1] a review was made of the findings up to the end of 1970. This analysis showed that mortality from all diseases was higher among those with exposure to large radiation doses as compared with those exposed to low doses. The excess in mortality was particularly marked for leukemia. For the latter, radiation effect appeared to be present down to those exposed to 10 to 49 rad of whole-body radiation.

Elevated mortality for cancers other than leukemia was also noted but this could be demonstrated with

高線量を受けた被曝者群(200 rad以上)における白血病を除く全悪性新生物による死亡率は，0－9 rad群のそれより高い．これは，最近の資料のみならず全観察期間にも見られた．しかし，この種の悪性新生物による死亡率が，100 rad以上の線量を受けた群に上昇しているようには見えない．

全観察期間の資料において興味深いことは，胃を除く消化器の癌による死亡率が，高線量被曝群に高いことである．また，最近の観察期間においては，200 rad以上の群における胃癌の死亡比と対照群(0－9 rad群)のそれとの間に差異のあることが統計的に示唆されている．(P＝.096)しかしながら，現在まで行なってきた病理学的調査では，放射線被曝が消化器の癌の原因であるという証拠は認められていない．今後の胃癌による死亡率の変化については，注意が必要である．

癌の例数が相対的に少ないので，一般に特定部位の死亡比の変動がかなり大きい．さらに今後2年間の資料を追加すれば，今回の観察に認めた死亡比や相対的危険度がいっそう確定的なものになるであろう．

高線量被曝群における“その他の新生物”による死亡率の上昇は統計的に有意である．“その他の新生物”には，放射線被曝との関係がすでに認められた特定部位の癌が含まれる．しかし，この分類に含まれる死亡には，部位不明の悪性新生物が多く含まれていることに注意する必要がある．

緒　言

本報は，予研－ABCC寿命調査に関する第7報で，被爆者の死亡率について最新の資料を提供するものである．Jablon・加藤による第6報[1]においては1970年末までの所見について検討を加えた．その解析によれば，高線量被曝群における全疾病による死亡率は，低線量被曝群のそれよりも高かった．死亡率の増加は，白血病については特に顕著であった．白血病に対する放射線の全身照射の影響は，推定線量が10－49 radであった者にも存在していたようであった．

白血病を除く癌による死亡率も上昇を示したが，確実に

reliability only in the group exposed to doses of 200 rad or more. It was estimated that the latent period for radiation induction of cancers other than leukemia is about 20 years or more under the conditions of irradiation experienced by the survivors in Hiroshima and Nagasaki. Radiation effects were observed for malignant neoplasms of the digestive organs and peritoneum other than stomach, of trachea, lung and bronchus, a miscellany of other sites, and for benign and unspecified neoplasms. Statistically significant differences were not observed for cancer of the stomach, breast, and cervix and uterus.

It was pointed out by Jablon and Kato that the leukemia mortality rates in the high dose groups have declined persistently during the 20-year period under study, but had not returned to "normal" levels in the years 1965-70. On the other hand, the mortality from other cancers has increased during the study period, the rise being especially marked in the period 1965-70.

Survivors who were children under 10 years at the time of the bomb (ATB) appeared to be affected more by the delayed effects of the bomb than older persons. The mortality ratios for the 200+ rad exposure group varied inversely with age ATB. The difference in ratios was especially sharp between ages 0 to 9 and 10 to 19.

Jablon and Kato found that a relative biological effectiveness (RBE) of neutron, compared with gamma radiation, of about 5 fitted the leukemia data well, but suggested that this may be too low for other cancers. On the other hand, an RBE factor greater than unity introduced a convex curvature into what appeared to be a fairly linear dose response relationship when plotted against total dose.

There was little evidence of radiation effect on other causes of death including tuberculosis, cerebrovascular and cardiovascular diseases. To date, radiation effects are observable chiefly in leukemia mortality and deaths from other neoplasms, including benign neoplasms and neoplasms unspecified as to malignancy.

The purpose of this report is to add two more years of data to the series, and to report on significant changes, if any, in the mortality experience of the A-bomb survivors during the period 1950 to 1972.

上昇の認められたのは 200 rad 以上の線量を受けた群のみであった．放射線による白血病を除く癌の誘発に必要な潜伏期間は，広島および長崎の被爆者が受けた放射線の範囲内では約20年以上であろうと推定された．放射線の影響として認められたものには，胃を除く消化器および腹膜の悪性新生物，気管・気管支および肺の悪性新生物，「その他」の悪性新生物と良性あるいは性質不詳の新生物などがあった．統計的な有意差は，胃癌，乳癌と子宮頚および子宮体の癌には認められなかった．

Jablon・加藤によれば高線量群における白血病の死亡率は，観察した20年間にわたって一貫して減少しているが，1965－70年の期間においてもなお「一般」の水準には下降していない．他方，その他の癌による死亡率は，この観察期間中上昇をつづけ，1965－70年の期間においてその上昇が特に顕著であった．

原爆時年齢が10歳未満であったものは，それより高い年齢で被爆した者に比較して強い放射線の後影響を受けているようである．200 rad 以上の線量を受けた被曝群においては，死亡比は原爆時年齢に逆比例し，0－9歳群から10－19歳群にいたる際の死亡比の減少は特に顕著であった．

Jablon・加藤によれば，γ線に対する中性子の生物学的効果比（RBE）を約5にすれば，白血病の場合によくあてはまるが，白血病以外の癌ではこの値は低すぎるようである．一方，線量を単純に合計した場合，線量反応曲線はかなり直線型になるがRBEを1以上にすればこの曲線は凸状になる．

結核，脳血管系の疾患および心臓血管系の疾患などのその他の死因については，放射線の影響はほとんど認められなかった．現在までの調査では，死亡率に対する放射線の影響は，白血病とその他の悪性新生物および良性または性質不詳の新生物などに限定されているようである．

本報の目的は，先般の報告に最近2年間の資料を追加し，あわせて1950－72年の期間において原爆被爆者の死亡率に有意な変化があれば，これを報告することにある．

METHODS

Population. The population under study is a sample of about 109,000 persons in the two cities of Hiroshima and Nagasaki commonly referred to as the JNIH-ABCC Life Span Study sample extended. A detailed description of the sample and the methods of selection have been presented elsewhere.[2] The sample includes survivors of the bombs as well as the comparison group, that is, persons who were not in the cities (NIC) at the time of the bomb. In some tables, the NIC group is subdivided into late entry (more than 30 days after the bombs) and early entry (within 30 days). The sample composition is shown in Table 1, and the number of person-years of risk is given in Table 2.

Ascertainment of Mortality. For the purposes of this collaborative study, special arrangements have been made by the Ministry of Health and Welfare whereby the Hiroshima and Nagasaki Branch Laboratories of JNIH obtain copies of death certificates for deaths among the members of the study cohort occurring anywhere in Japan. Virtually complete ascertainment of mortality is obtained by the use of the Japanese family registration system.

Although this system of mortality ascertainment does eventually result in a virtually complete count of deaths for those who die in Japan, a small proportion (less than 5%) of the death transcripts is not received until 3 years after death. At this time, the mortality counts are almost complete for 1969 and prior years, but there are a few deaths that occurred between 1970 and 1972 which have not yet been included in this study.

Cause of Death. The underlying cause of death was determined from information contained in the medical certification of causes of death on the death certificate in accordance with the international rules for selecting the underlying cause of death. For the years 1950-67, the 1955 Revision of the WHO International Classification of Diseases (ICD)[3] was used, and the 1965 Revision was used as the basis for classification of data for 1968-72. Some comparability was achieved by a translation from the 1955 to the 1965 Revision for deaths occurring in 1950-67 using approximate comparability factors.

It has been shown in a special study that the accuracy of reporting of cancer as the underlying cause of death on death certificates for the two

調査方法

対象集団. 調査の対象集団は，広島・長崎両市合計約109,000名から成り，予研－ABCC寿命調査拡大サンプルと呼称されている．この対象集団の詳細とその抽出方法については，すでに報告した．[2] この集団は，被爆生存者と比較群の一つとして原爆時市内にいなかった者によって構成されている．一部の表では，市内にいなかった者が「早期入市者」（原爆後30日以内に入市した者）と「後期入市者」（30日以上たってから入市した者）に分類されている．対象群の構成は表1に示し，観察人年数は表2に示した．

死亡の確認. この共同調査の実施のために，厚生省の特別の計らいにより国立予防衛生研究所広島支所と長崎支所を通じて，調査対象者が日本のいかなる所において死亡した場合にも，人口動態死亡票の写しが入手できる．事実，日本の戸籍制度を利用することによってほとんど完全に死亡が確認できる．

この死亡確認の制度があるため日本において死亡した人の数を完全につかめるとはいえある少数の死亡者（5％以下）についてはその死亡票の写しは死後3年を経過しないと入手できない．現在1969年以前の死亡に関する資料はほとんど全部入手されているが，1970－72年に起こった少数の死亡については，今回の調査に含まれていない．

死　因. 死亡診断書に記載された死因のうち，原死因についての国際選択規準に基づいて選ばれた死因を原死因として用いた．1950－67年までの死因については1955年修正の国際疾病分類（ICD）を用い，[3] 1968－72年のものについては1965年修正のものを用いた．1950－67年に起きた死亡について1955年の修正から1965年の修正への変換を行なったので，全期間の死亡についての死因分類にほぼ画一性が得られている．

特別調査の結果によれば，両市の死亡診断書に原死因が癌と記載されているものの正確性は約90％である．しかし，

cities is about 90%. The precision of reporting malignancies of specific sites is variable, being reasonably high for sites such as the digestive system (85%), uterus (80%), breast (90%), and the lymphatic and hematopoietic systems (85%) but low for sites such as liver and bile ducts (about 30%), pancreas (40%), and bronchus, trachea, and lung (60%).

Because of the revision of the ICD, the tabulations have been limited to groupings of causes of death which are more or less comparable. In some cases, groupings were used which are broader than might be desirable. This was particularly true of the cardiovascular diseases. Fortunately, this problem did not arise to any great extent for the malignant neoplasms. The only real problem encountered was in connection with the 1965 Revision category of 197 *Secondary malignant neoplasm of respiratory and digestive systems* which, in the 1955 Revision was divided between 156 *Malignant neoplasm of the liver (secondary and unspecified)* and 165 *Malignant neoplasm of thoracic organs (secondary).* There were 57 deaths attributed to *Secondary malignant neoplasm of respiratory and digestive systems* in 1968-70 out of 731 deaths from all cancer sites. For present purposes, ICD category 197 was included with malignant neoplasm of the gastrointestinal system. Most of these deaths were from liver cancer.

Dosimetry. The dosimetry system employed at ABCC[4] was devised by collaborators at the Oak Ridge National Laboratory.[5] Hashizume and his colleagues,[6] of the National Institute of Radiological Sciences of Japan, have obtained experimental estimates of the gamma radiation and neutron air-dose curves which agree, within the margin of experimental error, with the theoretically derived air-dose curves employed in the dosimetry system. The dose estimates are designated T65D to distinguish them from earlier estimates resulting from the cruder T57D dosimetry system. The T65D dosimetry provides independent estimates of the gamma and first collision neutron doses, in rad, for individual survivors and are based on shielding information obtained from the tens of thousands of survivors by field interview. For 3% of the survivors, dose estimates are not available. In some instances this is because the survivor died or moved away from the cities before he could be interviewed (the program was not substantially completed until about 1963). In other instances, the survivor was interviewed, but he was located in a complex shielding situation such as in a concrete building

特定の部位の悪性新生物についてはその正確性が一様ではなく，胃腸管系(85%)，子宮(80%)，乳房(90%)，リンパ系および造血器系(85%)ではかなり高く，肝臓と胆管(約30%)，膵臓(40%)，気管支・気管および肺(60%)のような部位では低い．

国際疾病分類(ICD)に修正が行なわれたので，画一性のある死因分類に限定して製表した．そのため，望ましい程度以上の大まかな分類を用いた場合もあった．これは，心臓血管疾患の場合特に大きく，癌については幸い大きな問題を提起しなかった．唯一の問題となったのは，1955年修正版で符号156の「肝臓の悪性新生物」(続発性および詳細不明)と同165の「胸部臓器の悪性新生物」(続発性)と分類されていたものが，1965年修正では符号197の「続発性の呼吸器および消化器の悪性新生物」となっていることである．1968－70年においては，癌による死亡者731名中57名は「続発性の呼吸器および消化器の悪性新生物」による死亡であった．本調査では，ICD符号197は胃腸管系の癌の中に含めた．この大部分のものは肝臓癌によるものであった．

線量測定. ABCCで使用している線量測定方法[4]は，Oak Ridge National Laboratory[5]における共同研究者によって考案されたものである．日本の放射線医学総合研究所の橋詰ら[6]は，γ線および中性子の空気線量曲線の実験的推定値を発表したが，これは理論的に求められ上記の線量測定法に使用された空気線量曲線と，実験誤差の範囲内で一致する．この線量推定値は，簡略な方法であるT57D線量測定法によって得られた初期の推定値と区別するためT65Dと呼称した．T65D線量測定法を用いて，野外調査によっていく万もの人々から入手した遮蔽資料をもとに，各被爆者についてrad単位でそれぞれγ線および一次衝突中性子線量が求められた．被爆者の3%については線量推定値が入手されていない．これは一部の被爆者が面接前に転出したか，死亡したためである(この調査計画は，実質的には1963年ごろまでは完備されていなかった．)．また一部においては，面接が行なわれていても，遮蔽による放射線の減弱を推定する満足な方法が発見されていないコンクリート建造物内または

or in a crowded streetcar for which no satisfactory method of estimating the attenuation due to shielding has yet been devised.

満員電車内のような複雑な遮蔽状況下にあった.

Relative Biological Effectiveness (RBE) of Neutrons. Because of the differences in the neutron component of the bombs exploded over the two cities, the effect of the bombs is presumably different. In order to make comparison of the data for the two cities, it is necessary to calculate an RBE dose for each survivor using an RBE value which brings about concordance of the radiation dose response in the population of the two cities. That is:

中性子の生物学的効果比(RBE), 広島の原子爆弾と長崎のそれとの間には, 中性子の構成に差異があるので, 爆弾の影響におそらく差があると考えられる. 両市のデータを比較するにあたっては, 両市における線量反応を一致させるようなRBE値を用いて, 各被爆者についてRBE線量値を算定する必要がある. すなわち:

RBE dose (rem) = Gamma dose (rad) + RBE value × neutron dose (rad, first collision)

RBE線量(rem)＝ガンマ線量(rad)＋RBE値×中性子線量(rad, 一次衝突)

Differing values of RBE have been reported. Using material from the ABCC Hiroshima and Nagasaki Leukemia Detection Program, Ishimaru et al[7] have reported that the RBE of neutrons for leukemogenesis appears to be about 5. Leukemia mortality, and mortality ratios for all malignant neoplasms except leukemia have been calculated for an RBE value of 5 (See Tables 22, 23).

報告されたRBE値には差がある. 石丸ら[7]は広島・長崎の白血病探知プログラムの資料を用いて白血病誘発に対する中性子のRBEは約5であろうと報告している. RBE線量による白血病の死亡率および白血病を除く全悪性新生物による死亡率を, RBE値を5にして算定した(表22, 23参照).

Comparison Group. In order to ascertain the effects of radiation exposure, it is necessary to compare the mortality experience of the population exposed to ionizing radiation with a comparison or control population. For this purpose, a group of people who were not present in the cities was included in the sample.

比較群. 放射線被曝の影響を確認するためには, 電離放射線に被曝した集団における死亡率を比較群または対照集団のそれと比較する必要がある. このため, 原爆時いずれの都市にもいなかった一群の人々も調査対象に含められた.

The mortality experience of the NIC comparison group has been very favorable, largely because of the low mortality in the subgroup called the early entrants, or those who entered the cities within 30 days after the bombs. For the late entrants (more than 30 days after the bombs) component of the NIC group, the advantages in mortality experience over the low dose (under 10 rad) survivors disappeared by 1960. However, the early entrants maintained low mortality throughout the entire observation period.

原爆時市内にいなかった群における死亡率は非常に低かったが, これは主として早期入市者群, すなわち原爆後30日以内にいずれかの都市に入った者における死亡率が低かったためである. 市内にいなかった群のうち後期入市者(原爆後30日以降)の死亡率は最初は低線量被曝群(10 rad以下)より低かったが, この差は1960年までに消滅した. しかし, 早期入市者における死亡率は全観察期間を通して低い.

The low mortality for the NIC group would have the effect of exaggerating the difference in mortality between the heavily exposed population and the control group. Although the tables include comparisons between the early and late entrants and between the NIC and exposed populations, the discussions will be confined mostly to the comparison between the mortality of a low dose group (under 10 rad) and the more heavily exposed population groups.

市内にいなかった群における低い死亡率は, 強度の被曝者群と対照者群の間における死亡率の差異を誇張する結果になる. 表では早期入市者と後期入市者, ならびに市内にいなかった者と被曝者群との間の比較を行なったが, 本報では低線量被曝群(10 rad以下)と高線量被曝者群との間の死亡率の比較を中心に検討を行なった.

The use of low-dose survivors as the comparison group is endorsed by the Subcommittee on Somatic Effects of the Advisory Committee on the Biological Effects of Ionizing Radiations.[8] It was felt that "some relatively small contaminations on the side of dosimetry is potentially less disturbing than the known large differences that mark the NIC group with respect to occupation, social class, and perhaps other factors."

Computation of Expected Deaths. The expected number of deaths was obtained by applying the appropriate national mortality rates for Japan to the population by sex for 5-year age groups in the various calendar years (See Technical Appendix – ABCC TR 10-71). The corresponding death rates for Japan for the year 1967 were used to compute the expected number of deaths for the period 1967-72. Because the national rates by age and sex were used to derive the expected number of deaths and because the observed number of deaths by city, age, and sex were used to calculate the mortality ratios, these ratios shown in tables for both sexes and by sex are in effect adjusted for differences in age and sex composition of the population. On the other hand, the computed mortality ratios will be an understatement of the actual values for the recent years because the national rates for the year 1967 were used to calculate the expected number of deaths. The use of national rates for 1967 does not take into account the decline in the mortality rates for Japan since 1967. Although the mortality ratios for the period 1970 to 1972 are too low, this will not affect the relative risk figures to any great extent because the errors more or less cancel out in the relative risk ratios.

Although the data are presented in the form of observed and expected number of deaths, death rates may be calculated from the information in Tables 2 and 6-23. Thus, the death rate for the cohort for the whole period studied was 23685/2134538 or 11.1 per 1000 population. Similarly, death rates can be calculated by dose groups, city, sex, age ATB, and time period.

Significance Tests. Tests of significance are one-tail taken in the direction of the observed difference. The tests are labeled by symbols such as "C=DE?", meaning, in this case, that the test is of whether the mortality ratio for group C equals that in combined groups D and E. The actual probability values are shown to four decimals. If a two-tail test is desired, the probability cited should be doubled. In a one-tail test, the probabilities can be accepted as shown unless the direction of the difference is contrary to the hypothesis. In this case, the probabilities must be ignored. The test procedure is explained in more detail in the Technical Appendix of the previous report.[1]

電離放射線の生物学的効果に関する諮問委員会の身体的影響小委員会[8]も低線量被曝者を比較群として使用することを支持している．すなわち"比較的低い線量の影響は，市内にいなかった群における大きい既知の差異である職業，社会的地位やその他の因子の影響よりはおそらく小さい"と考えられた．

期待死亡数の計算． 期待死亡者数は各年度における日本の全国死亡率を5歳階級年齢および性別に対象集団にあてはめることによって求めた(研究方法に関する付録—TR 10－71 を参照)．1967年度の日本全国の死亡率を用いて1967－1972年の期間における期待死亡数を計算した．期待死亡数を求めるために年齢および性別の全国死亡率を使用し，またこの期待死亡数と，都市，性および年齢別の観察死亡数を用いて死亡比を計算したので，表で男女合計および男女別に示した死亡比は，対象集団の年齢および性別構成における差異を訂正していることになる．しかしながら一方では，1967年度の全国死亡率を用いて1967－72年の期待死亡数を計算したので，近年の死亡比は実際の値よりも低くなっている．すなわち，1967年度の全国死亡率を使用したため，それ以降における日本の死亡率の減少が反映されていない．このため，1970－1972年の死亡比は低すぎるが，相対的危険度の計算では，誤差が相殺されるため，このことは相対的危険度の値に大きな影響を及ぼさない．

資料は観察死亡数および期待死亡数の形で示してあるが，死亡率は表2および表6から表23に記載されている資料から計算することができる．たとえば，全観察期間における対象集団の死亡率は 23685／2134538，すなわち人口1000人当たり11.1である．同様な方法で線量群別，都市別，性別，原爆時年齢別および期間別に死亡率を計算することもできる．

有意性検定． 有意性検定は片側検定であって，相違の観察された方向へのものである．検定は"C＝DE？"のような記号で示され，これは検定においてC群の死亡比がD群とE群の合計に等しいかどうかの意味である．実際の確率値は小数点4位まで求めた．両側検定が希望される場合は，確率を2倍にすればよい．片側検定を望む場合には，示されたままの確率を用いればよいが，相違の方向が仮説のそれと反対であるならば無視しなければならない．検定要領については前報の研究方法に関する付録[1]に詳しく説明した．

Where the test could not be performed because of absence of data, or where the upper confidence limits became absurd because of paucity of data, the absent number is replaced by the symbol "X".

資料欠如のために検定が実施できなかった場合，または資料不足のために信頼上限界が不合理となった場合は欠如している数の代りにXの記号を記入してある．

Description of Tables. The main tables follow a uniform format, and tabulations were made for the following groups of causes:

表の説明． 主要な表は一定の様式にしたがっており，次に示す死因群をもとに製表を行なった．

Table	Cause of Death	ICD Rubrics included (1965 Revision)
3.	All causes 全死因	000-999
4.	Accidents, poisoning and violence 不慮の事故，中毒および暴力	800-999
5.	All disease 全病死因	000-796
	Malignant Neoplasms 悪性新生物	
6.	All 全悪性新生物	140-209
7.	Leukemia 白血病	204-207
8.	All except leukemia 白血病を除く全悪性新生物	140-203, 208-209
9.	Stomach 胃	151
10.	Digestive organs and peritoneum 消化器・腹膜	150-159, 197
11.	Trachea, bronchus and lung 気管・気管支・肺	162
12.	Respiratory system 呼吸器系	160-163
13.	Breast (female) 乳房（女）	174
14.	Cervix and uterus 子宮頸および子宮体	180-182
15.	Other その他	140-149, 170-173, 183-196, 198-203, 208-209
16.	Benign or unspecified neoplasms 良性または性質不詳の新生物	210-239
17.	All disease except neoplasms 新生物を除く全病死因	000-136, 240-796
18.	Tuberculosis 結核	010-019
19.	Vascular lesions of central nervous system 中枢神経系の血管損傷	430-438
20.	Diseases of circulatory system except CNS 中枢神経系の疾患を除く循環器系の疾患	390-429, 440-458
21.	Other disease その他の疾患	000-009, 020-136, 240-389, 460-796

Two groupings by dose were adopted, one of seven and the other of nine. The seven group includes the following: (1) Not-in-city, (2) 0-9 rad, (3) 10-49 rad, (4) 50-99 rad, (5) 100-199 rad, (6) 200+ rad, and (7) Dose unknown. The nine group list is similar to the above, except that the NIC group is subdivided into the late entry (LE) and early entry (EE, within 30 days) subgroups, and 0 rad and 1-9 rad which appear separately.

二つの線量分類，すなわち，7群から構成されたものと9群から構成されたものを用いた．7群の分類：(1) 原爆時市内にいなかった者，(2) 0－9 rad，(3) 10－49 rad，(4) 50－99 rad，(5) 100－199 rad，(6) 200＋ rad，(7) 線量不明．9群の分類では，原爆時に市内にいなかった群がさらに後期入期者（LE）と早期入市者（EE）（30日以内）とに分けられ，また0 radと1－9 radを分けて示している点を除いては同じである．

Time Periods Covered. As mentioned before, the purpose of this report is to update the Life Span Study series by adding the data for the calendar years 1971 and 1972. The tables have been organized to show observations for the entire time period 1950 to 1972, inclusive. Data are also given for the two most recent periods, 1965 to 1969 and 1970 to 1972. For data for the period 1950-64, reference should be made to the previous report by Jablon and Kato.[1]

調査期間． 前記のように本報告の目的は，寿命調査に1971年および1972年の新しい資料を追加することにある．表は1950年から1972年に至るまでの全期間の観察結果を示すように作製した．また，最近の二つの期間，すなわち1965－1969年と1970－1972年の資料も示した．1950－1964年の期間の資料については，Jablon・加藤[1]による報告書を参照されたい．

RESULTS AND DISCUSSION

Mortality from All Causes of Death (Table 3). In the period 1970-72, some 3388 deaths occurred in the Life Span Study sample extended. This is about 20% fewer than the expected number of deaths based upon the Japanese national rates, and is the largest percentage difference between the observed and expected numbers ever recorded for the sample. However, a large part of this difference is probably due to the fact that national death rates for an earlier year (1967) were used for deriving the expected number of deaths for the period 1967-72.

When actual death rates are compared, it may be seen that the Life Span Study sample, except males 10 to 19 years ATB, experienced favorable mortality during 1970-72. The death rates for the Life Span Study population in 1971 were from 4% to 8% lower than the rates for the corresponding age groups in the all-Japan population. Even when compared with the death rates for Hiroshima City which are lower than the rates for the country as a whole, the mortality rates for the Life Span Study sample are low for the age groups 20 years and over ATB. For the younger ages ATB, that is, under 20 years, the mortality rates for the Life Span Study sample are significantly higher than the corresponding rates for the Hiroshima City population.

The mortality among those 10 to 19 years ATB was higher than the expected number of deaths by 8%. The excess mortality in this age group arose from the very unfavorable mortality experience of males in the two cities in this time period. The number of deaths of Hiroshima males was about 20% more than the expected number. The corresponding figure for Nagasaki males was over 50% higher than the expected number of deaths in the 10-19 year age group ATB. On the other hand, the observed mortality among females was less than 90% of the expected number in the two cities.

As in the previous period, 1965-69, the increase in relative risk is significant for the 200+ rad group in 1970-72. The mortality ratio for the 100-199 rad group was not significantly greater than that for the comparison group with radiation exposure of 0-9 rad. For the entire period of observation, the difference in the mortality experience between the 100-199 rad group and the control group is significant. In addition, the difference between the mortality ratio for the 200+ rad group and that for the comparison group is highly significant.

結果および考察

全死因による死亡率（表3）. 1970－72年の期間において，寿命調査拡大サンプル中に3388名の死亡者が認められた．これは日本全国の死亡率に基づく期待数より約20%少なく，この観察数と期待数の差はこの対象集団では今までに記録された中で最大のものである．しかし，この差はおもに1967－72年の期間における期待数を求めるに当たって1967年の全国死亡率を用いたためであると思われる．

観察死亡率の比較において1970－72年の期間では，原爆時年齢10－19歳の男を除く寿命調査集団において死亡率は低いことがわかる．1971年の寿命調査集団における死亡率は日本全国の対応する年齢群の死亡率より4％－8％低かった．日本全国の死亡率よりもさらに低い広島市の死亡率と比較しても，寿命調査集団の原爆時年齢20歳以上の群における死亡率の方が低かった．原爆時年齢の若い寿命調査対象者，すなわち，20歳以下の群における死亡率は，広島市の同年齢群におけるそれより有意に高かった．

原爆時年齢10－19歳の者の死亡率は，期待死亡数より8％高かった．この年齢群における高い死亡率は，この期間における両市の男の死亡率が非常に高かったためである．広島の男の死亡数は期待数より約20%多かった．原爆時年齢が10－19歳群における長崎の男の死亡数は，期待死亡数より50%以上高かった．一方，女の観察死亡率は両市ともに期待数の90%以下であった．

1970－72年における相対的危険度の増加は1965－69年の場合と同様200 rad以上の群において有意である．100－199 rad群の死亡比は，0－9 radの線量を受けた比較群より有意に高くはなかった．全観察期間において，100－199 rad群と対照群の間の死亡率の差は有意である．さらに200 rad以上の群と比較群の死亡比の差は非常に有意であった．

Mortality by Cause of Death. The recent mortality experience by cause of death is consistent with past occurrences. As may be seen in the following table for the period 1970-72, for both cities combined, the lower limit of relative risks for the 200+ rad group as compared with the 0-9 rad group for certain causes of death is greater than unity. In this table the upper and lower confidence limits are at the 90% level for the relative risk, thus resulting in an overall 80% confidence interval. Radiation effects are observable for malignant neoplasms, but not for other diseases or deaths from violence. Leukemia which has been highly associated with radiation exposure in the past does not show a strong relationship with ionizing radiation in the years 1970-72 due mainly to the small number of deaths from leukemia which occurred in this period. Relative risk and 80% confidence intervals 200+ rad vs 0-9 rad for specific cause of death, 1970-72 are shown below.

死因別死亡率. 死因別の最近の死亡率は，以前の解析結果と同様の傾向である．次の表に示すように，1970－72年における両市合計では，200 rad 以上の群における相対的危険度の下限界は０－９ rad 群と比較すると，特定の死因については１よりも大きいものがある．この表では相対的危険度の上下の信頼限界は90%で，全体の信頼区間は80%である．放射線の影響は悪性新生物にみられるが，他の疾患あるいは暴力による死亡には見られない．過去において放射線被曝と非常に強い関係のみられた白血病は，1970－72年の期間の調査では電離放射線との強い関係は認められていない．これは主にこの期間中に白血病による死亡数が少なかったためである．1970－72年の主要死因別にみた 200 rad 以上の群の０－９ rad 群に対する相対的危険度および80%信頼区間を下に示す．

Cause of Death	90% Lower Limit	Observed	90% Upper Limit	Test Probability (One Tail)
All causes 全死因	1.060	1.243	1.429	0.0257
Trauma 外傷死	0.970	1.602	2.290	0.1630
All disease 全病死因	1.054	1.216	1.419	0.0455
Tuberculosis 結　核	0.202	1.181	2.259	0.5000
All malignant neoplasms 全悪性新生物	1.247	1.568	1.919	0.0141
Leukemia 白血病	0.827	3.275	8.450	0.2936
All malignant neoplasms except leukemia 白血病を除く全悪性新生物	1.211	1.538	1.866	0.0201
Benign and unspecified neoplasms 良性および性質不詳の新生物	1.113	2.708	4.990	0.1875
Vascular lesions of CNS 中枢神経系の血管損傷	0.753	1.087	1.414	0.3939
Circulatory system disease 循環器系疾患	0.551	0.937	1.323	0.4857
Other disease その他の疾患	0.789	1.106	1.429	0.3649
All diseases except malignant & benign neoplasms 悪性および良性新生物を除く疾患	0.840	1.056	1.272	0.3699

For the entire time period 1950-72, the picture has not changed. Figure 1 shows that the relative risk of death for leukemia is by far the largest followed by benign and unspecified neoplasms. The latter are largely neoplasms unspecified as to whether benign or malignant. Most of these are in fact probably malignant. The relative risk for malignant neoplasms other than leukemia is 1.5 with the lower confidence limit of 1.2.

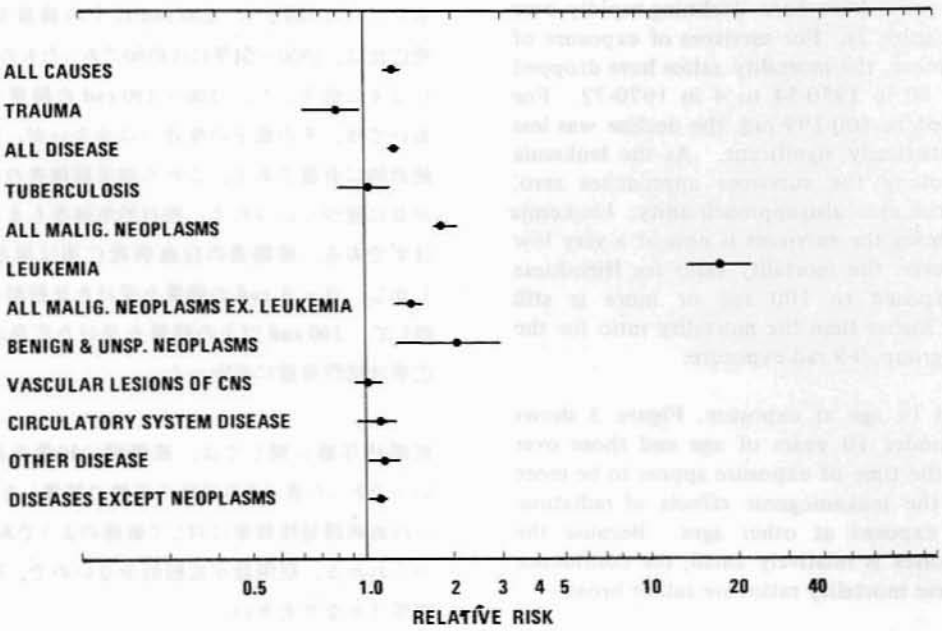
The relative risks for trauma, tuberculosis, vascular lesions of the central nervous system, diseases of the circulatory system, and the residual category of all other diseases were not significantly different from unity. The upper confidence limit of the

1950－72年の全期間を通じて，死因別の死亡率の傾向は前報と変わっていない．図１は，白血病の相対的危険度が最も大きく，良性および性質不詳の新生物がこれに次いでいることを示している．性質不詳の新生物とは，主に良性か悪性か明示してない新生物のことであるが，実際には悪性であることが多い．白血病を除く悪性新生物の相対的危険度は1.5であり，信頼区間の下限界は1.2である．

外傷死，結核，中枢神経系の血管損傷，循環器系疾患および残りの全種類の疾患の相対的危険度は１と有意には違わなかった．これらの全死因の相対的危険度の信頼区

FIGURE 1 RELATIVE RISK & 80% CONFIDENCE INTERVALS FOR MAJOR GROUPS OF CAUSES OF DEATH 1950-72, 200+ RAD VS 0-9 RAD

図1　200 rad 以上群の 0 － 9 rad 群に対する相対的危険度および80%信頼区間：主要死因別，1950－72年



relative risk for all these causes of death mentioned are lower than the lower confidence limit of the relative risk for all malignant neoplasms.

Leukemia (Table 7). As mentioned before, the number of deaths from leukemia observed during the period 1970-72 was too few to make any inferences about the delayed effects of radiation. In all, there were 13 deaths from leukemia. Only three of these deaths occurred in the population exposed to 10 rad or more. Two of these deaths were in the 100-199 rad group and one was exposed to 200 rad or more of ionizing radiation. The relative risk of leukemia for survivors with 100 rad or more exposure was statistically significant at the 5% level in Hiroshima. In Nagasaki, no deaths from leukemia were recorded for the exposed population over 10 rad.

During the entire observation period 1950-72, 155 deaths in the cohort were attributed to leukemia as compared with 62 expected deaths from leukemia if the leukemia death rates for Japan had been operative. The mortality ratios exceeded unity for every survivor group and the ratios increased with exposure. For the 0-9 rad group the mortality ratio was 1.5 while in the group exposed to 200 rad or

間の上限界は，全悪性新生物の相対的危険度の信頼区間の下限界より低い．

白血病(表7)． 前述のように，1970－72年の期間中に認められた白血病による死亡数はあまりにも少なかったので，放射線の遅発性影響について結論を下すことはできなかった．全体で，白血病による死亡数は13名であった．このうち10 rad 以上の線量を受けたものは3名のみであった．2名は100－199 rad 群に属し，1名は200 rad 以上の電離放射線を受けていた．100 rad 以上の線量を受けた被曝者の白血病相対的危険度は，広島で5%の危険率で統計的に有意であったが長崎では，10 rad 以上の線量を受けた被曝者においては白血病による死亡は記録されなかった．

1950－1972年の全観察期間中，この調査対象集団において155名の死亡が認められたが，これに対して日本の白血病死亡率にもとづく期待死亡数は62名であった．すべての被爆者群において死亡比は1以上であり，その比率は被曝線量とともに増加した．0－9 rad 群の死亡比は 1.5 であったが，200 rad 以上の被曝群で観察された白血病

more the observed number of deaths from leukemia was 27 times expectation.

The mortality ratios for leukemia among heavily exposed survivors have been declining rapidly over the years (Figure 2). For survivors of exposure of 200 rad or more, the mortality ratios have dropped from about 80 in 1950-54 to 4 in 1970-72. For those exposed to 100-199 rad, the decline was less but still statistically significant. As the leukemia mortality among the survivors approaches zero, the relative risk must also approach unity. Leukemia mortality among the survivors is now at a very low level. However, the mortality ratio for Hiroshima survivors exposed to 100 rad or more is still significantly higher than the mortality ratio for the comparison group, 0-9 rad exposure.

With respect to age at exposure, Figure 3 shows that those under 10 years of age and those over 50 years at the time of exposure appear to be more sensitive to the leukemogenic effects of radiation than those exposed at other ages. Because the number of cases is relatively small, the confidence limits for these mortality ratios are rather broad.

Jablon and Kato[1] discussed the difference in leukemia mortality between Hiroshima and Nagasaki, and explained the differential in terms of the difference in the quality of the bombs exploded over the two cities. Assuming that the mortality differential was due entirely to differences in radiation output of the two bombs, and using a value of 5 for the RBE of neutrons, reasonable success was obtained in bringing the dose response curves for the two cities into consonance. While this transformation raised some questions about the linearity in the dose response relationship, it was concluded that the data available up to 1971 did not offer support for any larger value of RBE than 5. The number of leukemia deaths that occurred among survivors exposed to 100 rad and over in 1971 and 1972 is too small to alter the findings presented in the previous report.

All Malignant Neoplasms Excluding Leukemia (Table 8). Jablon and Kato[1] referred to the significant elevations in the relative risk for malignant neoplasms, excluding leukemia, among survivors with exposure dose of 200+ rad during the period 1965-70. The following table shows the relative risks over the entire observation period for survivors exposed to 100-199 rad and to 200+ rad in the two cities combined using the 0-9 rad sample as the comparison group:

による死亡数は期待数の27倍であった.

強度被曝者の白血病死亡比は，ここ数年間急速に下降を示している(図2)．200 rad 以上の線量を受けた者の死亡比は，1950－54年には約80であったものが1970－72年には4に低下した．100－199 rad の線量を受けた者においては，その低下の度合いは少ないが，死亡比はなお統計的に有意である．これら強度被曝者の白血病死亡率が0に近づくにつれて，相対的危険度もまた1に近づくはずである．被爆者の白血病死亡率は現在非常に低い．しかし，0－9 rad の線量を受けた比較群の死亡比と比較して，100 rad 以上の線量を受けた広島の被曝者の死亡率は依然有意に高かった．

被爆時年齢に関しては，被爆時に10歳未満または50歳以上であった者はそれ以外の年齢で被爆した者より放射線の白血病誘発性効果に対して敏感のようであることが図3からわかる．症例数が比較的少ないので，死亡比の信頼限界はかなり大きい．

Jablon・加藤[1]は，広島と長崎における白血病死亡率の相違について検討し，その差異を両市に投下された爆弾の性質の違いによるものであると説明した．死亡率にみられる差異が全く二つの爆弾の放射線の線質の差によるものであると仮定し，RBE の値を5とした場合，両市の線量反応曲線を一致させることにかなりよく成功した．この変換によって，線量反応関係における直線性についていくつかの疑問が提起されたが，1971年までの資料ではRBE の値が5以上であることを裏づけるものはなかった．1971年および1972年に 100 rad 以上の線量を受けた者に認められた白血病死亡例数はあまりにも少なかったため，前報に示された結果に変更をもたらすに至らなかった．

白血病を除く全部位の悪性新生物(表8)． Jablon・加藤[1]は，1965－70年の期間において 200 rad 以上の線量を受けた被曝者に白血病を除く悪性新生物に相対的危険度の有意な増加の認められたことについて述べた．下記の表に，広島・長崎両市の合計に対して0－9 rad の群を比較群として 100－199 rad および 200 rad 以上の線量を受けた被曝者について全観察期間を通しての相対的危険度を示した．

FIGURE 2 MORTALITY RATIO & 80% CONFIDENCE INTERVALS IN 200+ RAD & 100-199 RAD DOSE GROUPS BY TIME PERIOD – DEATHS FROM LEUKEMIA 1950-72

図 2　200 rad 以上群および 100 – 199 rad 群の死亡比および80%信頼区間：期間別—白血病，1950 – 72年

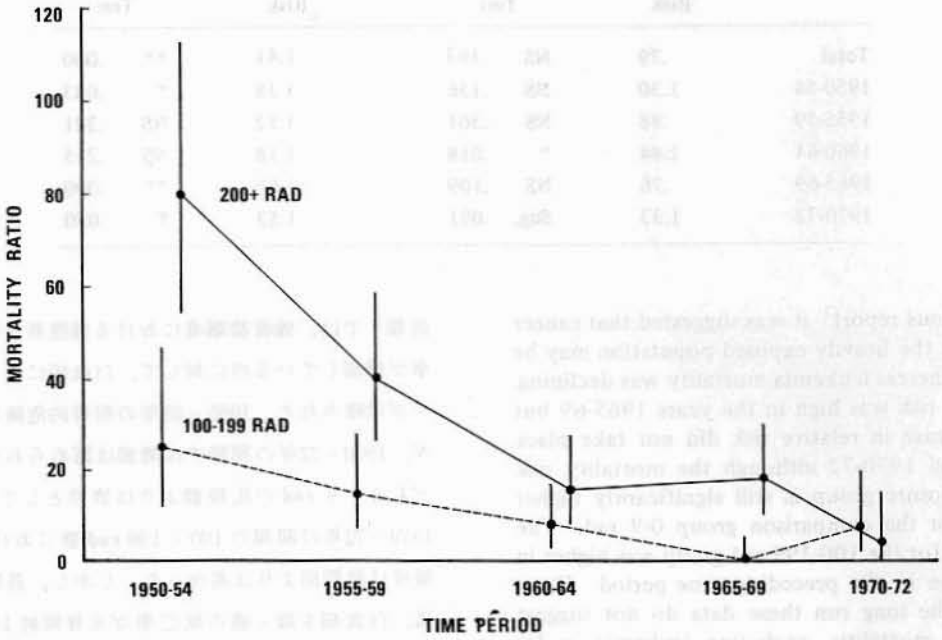
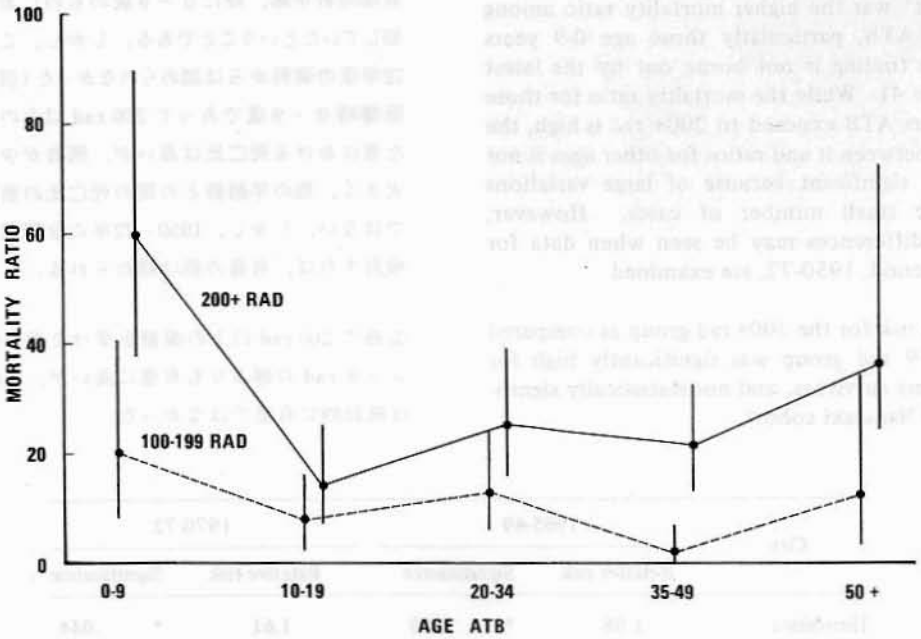


FIGURE 3 MORTALITY RATIO & 80% CONFIDENCE INTERVALS IN 200+ RAD & 100-199 RAD DOSE GROUP BY AGE ATB – DEATHS FROM LEUKEMIA 1950-72

図 3　200 rad 以上群および 100 – 199 rad 群の死亡比および80%信頼区間：原爆時年齢別—白血病，1950 – 72年



Period	100-199 rad			200+ rad		
	Relative Risk	Significance Test		Relative Risk	Significance Test	
Total	.79	NS	.163	1.41	**	.000
1950-54	1.30	NS	.156	1.58	*	.033
1955-59	.88	NS	.301	1.12	NS	.321
1960-64	1.44	*	.018	1.18	NS	.215
1965-69	.76	NS	.109	1.63	**	.000
1970-72	1.33	Sug.	.091	1.53	*	.020

In the previous report[1] it was suggested that cancer mortality in the heavily exposed population may be increasing whereas leukemia mortality was declining. The relative risk was high in the years 1965-69 but further increase in relative risk did not take place in the period 1970-72 although the mortality risk for this exposure group is still significantly higher than that for the comparison group 0-9 rad. The relative risk for the 100-199 rad group was higher in 1970-72 than in the preceding time period. However, over the long run these data do not suggest that cancer mortality, excluding leukemia, is increasing for the cohort of survivors 100 to 199 rad, or for the cohort exposed to 200+ rad of whole-body radiation.

Another finding of importance in the Jablon and Kato report[1] was the higher mortality ratio among the young ATB, particularly those age 0-9 years ATB. This finding is not borne out by the latest data (Figure 4). While the mortality ratio for those age 0-9 years ATB exposed to 200+ rad is high, the difference between it and ratios for other ages is not statistically significant because of large variations due to the small number of cases. However, significant differences may be seen when data for the entire period, 1950-72, are examined.

The relative risk for the 200+ rad group as compared with the 0-9 rad group was significantly high for the Hiroshima survivors, and not statistically significant for the Nagasaki cohort.

前報[1]では，強度被曝者における悪性新生物による死亡率が増加しているのに対して，白血病による死亡率の減少が示唆された．1965－69年の相対的危険度は高かったが，1970－72年の期間では増加は認められなかったけれども0－9 radの比較群よりは依然として有意に高い．1970－72年の期間の100－199 rad群における相対的危険度は前期間よりは高かった．しかし，長期間の観察では，白血病を除く癌の死亡率が全身照射100－199 radの群および200 rad以上の群において1970－72年にさらに増加していることを示唆していない．

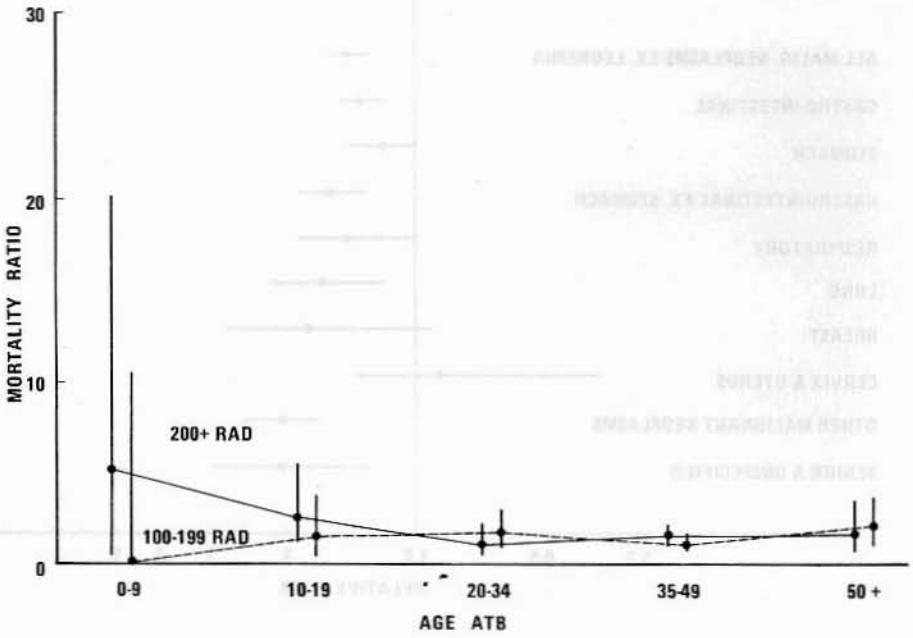
Jablon・加藤[1]の報告におけるもう一つの重要な所見は，原爆時若年齢，特に0－9歳のものにおける死亡比が増加していたということである．しかし，この所見は1970－72年度の資料からは認められなかった（図4）．すなわち，原爆時0－9歳であって200 rad以上の放射線に被曝した者における死亡比は高いが，例数が少ないため変動が大きく，他の年齢群との間の死亡比の差は統計的に有意ではない．しかし，1950－72年の全期間の資料について検討すれば，有意の差は認められる．

広島で200 rad以上の線量を受けた群の相対的危険度は0－9 radの群よりも有意に高いが，長崎の被爆者群では統計的に有意ではなかった．

City	1965-69			1970-72		
	Relative risk	Significance		Relative risk	Significance	
Hiroshima	1.98	**	.000	1.61	*	.044
Nagasaki	1.08	NS	.434	1.30	NS	.248

FIGURE 4 MORTALITY RATIO & 80% CONFIDENCE INTERVALS IN 200+ RAD & 100-199 RAD DOSE GROUPS BY AGE ATB – DEATHS FROM ALL MALIGNANT NEOPLASMS EXCEPT LEUKEMIA 1970-72

図4　200 rad 以上群および100－199 rad 群の死亡比および80%信頼区間：
原爆時年齢別―白血病を除く全悪性新生物，1970－72年



The difference in the experience of the two cities may be because the neutron component of the A-bomb radiation was much larger in Hiroshima than in Nagasaki. The RBE for neutron is probably greater than 2 and more likely to be closer to 5.[1]

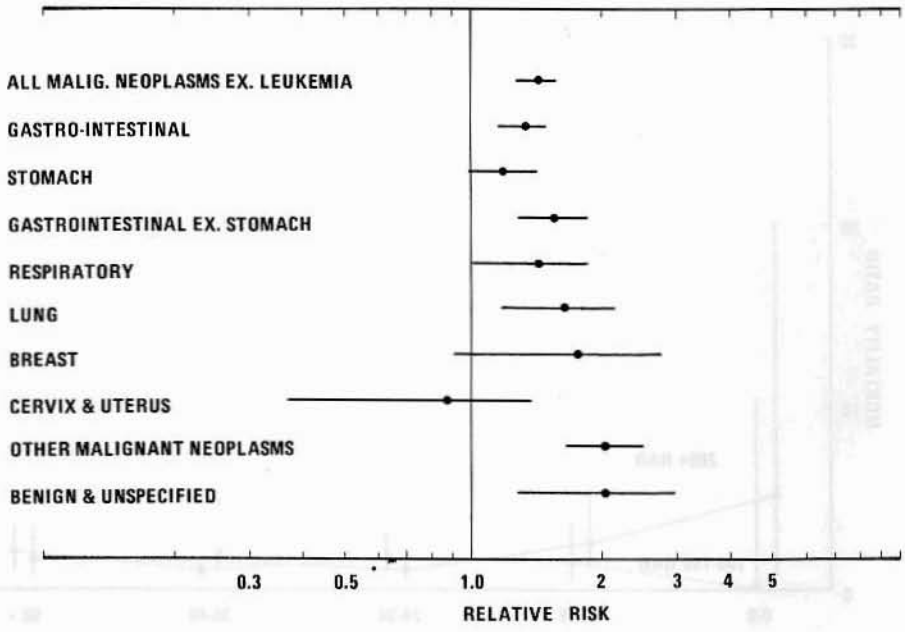
Malignant Neoplasms of Specific Sites. It has been shown that the death certificate diagnosis of cancer as the cause of death is about 90% accurate, but the accuracy of specification of particular sites is much less precise.[1] Therefore, the analysis has been limited to those sites where the accuracy is high enough to warrant analysis. The relative risk for the 200+ rad group, compared with the 0-9 rad group for various tumor sites is given in Figure 5 for the total period 1950-72. The relative risk was statistically significant for cancer of all sites except leukemia, digestive organs except stomach, lung, "other site", and "benign and unspecified", but was not so for uterus and stomach. In the latest period, 1970-72, there appears to be an elevation in relative risk for all malignant neoplasms except leukemia, and malignant neoplasms of the digestive system and "other malignant neoplasms" among survivors exposed to 200+ rad. The relative risk for each site of cancer among survivors with 200+

この両市間の差は，広島の原爆では長崎のものより多くの中性子が含まれていたためであるかもしれない．中性子のRBEは2よりも大きく，むしろ5に近いのではないかと考えられる．[1]

特定部位の悪性新生物． 死亡診断書に死因として癌と記載されたものの正確度は約90%であるが，特定部位に関する正確度は相当劣ると報告されている．[1] したがって，解析は正確度が解析に値するくらいに高いもののみについて行なった．図5に1950－72年の全期間における 200 rad 以上の群の 0 － 9 rad の群に対する部位別腫瘍の相対的危険度を比較した．白血病を除く癌，胃を除く消化器，肺，"その他の部位"ならびに"良性と性質不詳"の新生物が統計的に有意であったが，子宮と胃の新生物には有意性を認めなかった．最新の調査期間である1970－72年では，200 rad 以上の被曝群に，白血病を除く悪性腫瘍，消化器系の悪性新生物および"その他の悪性新生物"の相対的危険度が増加しているようである．1965－69年と1970－72年の期間について 200 rad 以上の被曝群におけ

FIGURE 5 RELATIVE RISK & 80% CONFIDENCE INTERVALS 200+ RAD VS 0-9 RAD FOR VARIOUS TUMORS AS CAUSE OF DEATH – 1950-72

図5　200 rad 以上群の 0 － 9 rad 群に対する相対的危険度および80%信頼区間：各死因腫瘍別，1950－72年



rad exposure is given below for the period 1965-69 and 1970-72. These data are for both cities combined.

る癌の部位別相対的危険度を下記に示した．この資料は両市合計に基づくものである．

Site of Cancer	1970-72			1965-69		
	Relative risk	Significance		Relative risk	Significance	
All sites except leukemia 白血病を除く全部位	1.55	*	.020	1.64	**	.000
Gastrointestinal 消化器	1.56	*	.047	1.51	*	.019
Stomach 胃	1.56	Sug	.095	1.37	NS	.131
Gastrointestinal except stomach 胃を除く消化器	1.54	NS	.208	1.76	*	.037
Respiratory 呼吸器	1.06	NS	.500	1.30	NS	.352
Lung 肺	1.34	NS	.399	1.54	NS	.238
Breast 乳房	3.62	NS	.270	6.11	*	.019
Cervix and uterus 子宮頸および子宮体	0	NS	.335	0	NS	.202
Other malignant neoplasm その他の新生物	2.76	*	.044	2.75	**	.008
Benign and unspecified 良性および性質不詳	2.71	NS	.187	3.37	*	.040

Stomach cancer (Table 9). The most frequent site of cancer in Japan is the stomach. In this cohort study, nearly 40% of the deaths from cancer were attributed to stomach cancer. There is no evidence of an increase in the mortality risk from stomach

胃癌(表9)．日本で最も頻度の高い癌は胃癌である．本調査の対象集団のうち癌で死亡した者の40%近くが胃癌で死亡した．1950－72年の期間中，強度の放射線に被曝した者に胃癌による死亡率が増加している証拠はない

cancer among the survivors with heavy radiation exposure in the period 1950-72 (Table 9-1). However, the relative risk for the most recent period for the 200+ rad group is suggestive of statistical significance, but the 1970-72 data for the individual cities do not support the inference of radiation effects.

Malignant neoplasms of the digestive organs and peritoneum (Table 10). Of the 2919 deaths from cancer of the digestive organs, 1799 (62%) were specified as stomach cancer on the death certificate. The accuracy with which the primary site can be determined within digestive organ system is very low on the death certificate.[9] The relative risk of malignant neoplasm of the digestive organs for those with 200+ rad to the 0-9 rad group increased in the period 1965-69 and 1970-72 and these elevations are statistically significant as shown below.

（表９－１）．しかし，200 rad 以上の群において1970－72年の期間中の相対的危険度は統計的に有意であることが示唆されているが，それぞれの都市における資料からは，胃癌に対する放射線影響を推測させる証拠は得られなかった．

消化器および腹膜の悪性新生物（表10）．消化器の癌による死亡2919例中，1799例（62％）は死亡診断書に胃癌と記載されていた．死亡診断書に記載されている消化器系の各器官の原発癌の正確性は非常に低い．[9] 200 rad 以上の群の０－９ rad の群に対する消化器の悪性新生物の相対的危険度は1965－69年および1970－72年の両期間に増加し，この増加は下記に示すように統計的に有意である．

Period	Relative risk	Significance test	
Total	1.33	**	.005
1950-54	1.56	Sug	.061
1955-59	1.03	NS	.494
1960-64	1.07	NS	.431
1965-69	1.52	*	.019
1970-72	1.56	*	.047

Malignant neoplasm of digestive organs, excluding stomach (Table 9A). In the previous sections, it has been observed that those exposed to 200+ rad showed elevated risk for malignant neoplasms of the digestive system, but no significant increases were noted for malignant neoplasm of the stomach. Therefore, it seems desirable to examine the data for malignant neoplasms of the digestive organs excluding the stomach as given in the table below. The data show that the mortality risk of the heavily exposed group from cancer of the digestive organs, excluding stomach, was significantly higher than the corresponding rate for the comparison group 0 to 9 rad in the period 1965-69. On the other hand, the same did not hold for the current period, 1970-72. However, for the period as a whole, the elevation in relative risk is statistically significant.

The reason for the presumed radiation effect is not clear. Thus far, there has been no evidence from the pathology studies that any particular digestive organ is sensitive to radiation exposure.[10, 11, 12] Further investigation is needed.

胃を除く消化器の悪性新生物（表９Ａ）．前各項で 200 rad 以上の線量を受けたものでは消化器系の悪性新生物の相対的危険度が増加していたが，胃の新生物には有意の増加は認められなかった．したがって，下記の表に示すように胃を除く消化器の悪性新生物についての資料を調べることが望ましいようである．強度被曝者における胃を除く消化器の癌による相対的危険度は下記の表に示すように1965－69年においては０－９ rad の比較群のそれより有意に高かったが，1970－72年の間にはこの現象は認められなかった．しかし，全期間を通しての相対的危険度の増加は統計的に有意である．

この放射線の影響であると考えられる現象の理由は不明である．現在までに行なわれた病理学的調査では，放射線に感受性が強い消化器系の臓器は認められていない．[10, 11, 12] これについてはさらに調査を行なう必要がある．

Period	Total Digestive Organs			Stomach			Other		
	Relative risk	Significance test		Relative risk	Significance test		Relative risk	Significance test	
1950-72	1.33	**	.005	1.19	NS	.127	1.57	**	.003
1965-69	1.52	*	.019	1.37	NS	.131	1.76	*	.037
1970-72	1.56	*	.047	1.56	Sug	.095	1.56	NS	.208

Lung cancer, Malignant neoplasm of Respiratory System (Tables 11, 12). The risk of lung cancer mortality among survivors with 100+ rad is high compared with those with 0-9 rad for the total period 1950-72. The risk also seems high in the latest period among the high dose group, but the difference is not statistically significant, except for those age 50+ ATB.

Of the 480 deaths from malignant neoplasms of the respiratory system observed in the total period, 1950-72, 374 cases (80%) were lung cancer. Although the number of deaths included in the category of malignant neoplasm of the respiratory system is larger than that attributed to lung cancer, the radiation effect is less evident in the former compared with the latter as previously observed.[1]

Breast cancer (Table 13). The high risk among the survivors with heavy exposure for the total period is evident as observed previously. The relative risk of breast cancer for those in the 100+ rad group compared to the 0-9 rad group is 3.33 in the latest period 1970-72, but the difference was not statistically significant because of the small number of cases in the high dose group.

Uterine cancer (Table 14). No increase in mortality risk from uterine cancer in the high dose group was observed in the latest period, 1970-72 or in the total period.

Other malignant neoplasm (Table 15). Jablon and Kato[1] reported that the risk for other malignant neoplasm was high among the heavily exposed group in the period 1965-70. This was particularly true in Hiroshima. The relative risks for the survivors with exposures of 100-199 and 200+ rad (0-9 rad as comparison group) are shown below by observation periods.

The relative risk for those with 200+ rad exposure was significantly high in 1965-69 and 1970-72. In the latest period, the difference in risk is highly significant even in those with 100-199 rad exposure.

肺癌（表11），呼吸器系の悪生新生物（表12）. 1950－72年の全期間において100 rad以上の放射線を受けた被曝者の0－9 radの被曝者に対する肺癌による相対的危険度は有意に高い．また，1970－72年の高線量被曝群における危険度も高いようであるが，その差は原爆時年齢50歳以上の者を除いて有意ではなかった．

1950－72年の全期間を通しての呼吸器系の悪性腫瘍による死亡480例中，374例（80%）は肺癌によるものであった．呼吸器系の悪性新生物の分類に含まれていた死亡者数の方が，肺癌によるものよりも当然多かったが，前回の調査[1]で認められたように放射線の影響は後者に比較して前者においてはそれほど明白ではない．

乳癌（表13）. 強度被曝者においては，前報と同様に全期間では相対的危険度が有意に高い．1970－72年における100 rad以上の被曝群における0－9 rad群に対する乳癌の相対的危険度は3.33であったが，その差は高線量被曝群における症例数が少なかったため，有意ではなかった．

子宮癌（表14）. 1970－72年および全期間でも高線量被曝群における相対的危険度の増加は認められなかった．

その他の悪性新生物（表15）. Jablon・加藤[1]によれば，1965－70年の期間では強度被曝者におけるその他の悪性新生物の危険度は有意に高いことが報告されている．これはとくに広島で認められた傾向である．100－199 radおよび200 rad以上の被曝者群（0－9 rad群を比較群として）における相対的危険度を観察期間別に下記に示した．

200 rad以上の被曝者における相対的危険度は1965－69年および1970－72年で有意に高かった．なお，100－199 radの被曝者における相対的危険度は1970－72年度では有意に高かった．

Period	100-199 rad			200+ rad		
	Relative risk	Significance test		Relative risk	Significance test	
Total	1.26	NS	.203	2.06	**	.000
1950-54	0	NS	.256	2.54	NS	.128
1955-59	.91	NS	.500	.71	NS	.471
1960-64	1.70	NS	.188	1.97	NS	.123
1965-69	.53	NS	.285	2.75	**	.008
1970-72	3.38	**	.007	2.76	*	.044

The high relative risk in the high dose group is evident in both Hiroshima and Nagasaki. This miscellaneous group includes cancers that have already been shown to be radiation related, i.e., malignant neoplasm of the thyroid,[13,14] malignant lymphoma and lymphosarcoma[15] and cancer of the salivary gland[16] in addition to the large number of cases of cancers of unknown site. This finding suggests the possibility of increased cancer mortality risk of other sites, e.g., bone, bladder etc. Further study is needed.

高線量被曝群における高い相対的危険度は広島・長崎両市において認められた．この「その他」の新生物には部位不明の癌をはじめ，放射線と関係があると証明されている甲状腺の悪性新生物，[13,14] 悪性リンパ腫およびリンパ肉腫[15] ならびに唾液腺癌[16] などが含まれている．この所見から，骨，膀胱など他の部位に癌による相対的危険度の増加の可能性があることが示唆される．これについてはさらに調査する必要がある．

Benign or unspecified neoplasm (Table 16). Mortality attributed to the so-called benign neoplasms (or those unspecified on the death certificate as to malignancy) in the 200+ rad group was significantly high in the period 1965-69 as reported previously.[1] In the latest period 1970-72, the risk continues to be high, but the difference is only suggestive (P = .099 in 100+ rad group), because of the small number of cases.

良性または性質不詳の新生物（表16）．前報[1] 同様1965－69年の間に 200 rad 以上の群でいわゆる良性新生物（または死亡診断書では良性・悪性の性質不詳の癌）による死亡率は有意に高かった．1970－72年の期間中は危険度は引きつづき高かったが，症例数が少ないため，その差は統計的には単に示唆的（100 rad 以上の群で P＝.099）であるにすぎない．

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

AGE ATB	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
ALL AGES	108767	21915	4608	34642	20492	14407	3896	2906	2770	3131
0-9	20583	4612	403	6675	4084	2992	695	422	398	302
10-19	23929	4963	1015	7101	4714	2626	772	795	826	1117
20-34	22113	4734	937	6824	4012	2801	798	599	633	775
35-49	25265	4722	1439	8225	4439	3570	974	695	618	583
50+	16877	2884	814	5817	3243	2418	657	395	295	354
MALE										
ALL AGES	45492	8947	2196	14336	8840	5664	1533	1282	1267	1427
0-9	10130	2255	206	3286	2001	1505	340	198	199	140
10-19	10466	2040	607	3061	2341	1042	319	335	371	350
20-34	6228	1393	255	1883	1101	679	184	196	225	312
35-49	10733	2030	686	3398	1852	1338	398	339	305	387
50+	7935	1229	442	2708	1545	1100	292	214	167	238
FEMALE										
ALL AGES	63275	12968	2412	20306	11652	8743	2363	1624	1503	1704
0-9	10453	2357	197	3389	2083	1487	355	224	199	162
10-19	13463	2923	408	4040	2373	1584	453	460	455	767
20-34	15885	3341	682	4941	2911	2122	614	403	408	463
35-49	14532	2692	753	4827	2587	2232	576	356	313	196
50+	8942	1655	372	3109	1698	1318	365	181	128	116

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

AGE ATB	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
ALL AGES	82085	16395	3781	29943	13787	10707	2665	1677	1460	1670
0-9	14889	3380	300	5718	2492	2011	447	223	198	120
10-19	16317	3424	772	5702	2928	1825	425	353	354	534
20-34	16921	3529	796	5902	2844	2168	562	345	344	431
35-49	20226	3767	1204	7328	3166	2822	728	485	369	357
50+	13732	2295	709	5293	2357	1881	503	271	195	228
MALE										
ALL AGES	33766	6553	1718	12181	6122	4112	999	728	648	705
0-9	7370	1666	158	2836	1212	1013	223	98	98	66
10-19	7141	1405	455	2460	1543	692	161	144	170	111
20-34	4563	995	193	1539	834	526	118	99	112	147
35-49	8319	1555	537	2923	1370	1040	279	226	160	229
50+	6373	932	375	2423	1163	841	218	161	108	152
FEMALE										
ALL AGES	48319	9842	2063	17762	7665	6595	1666	949	812	965
0-9	7519	1714	142	2882	1280	998	224	125	100	54
10-19	9176	2019	317	3242	1385	1133	264	209	184	423
20-34	12358	2534	603	4363	2010	1642	444	246	232	284
35-49	11907	2212	667	4405	1796	1782	449	259	209	128
50+	7359	1363	334	2870	1194	1040	285	110	87	76

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

AGE ATB	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
ALL AGES	26682	5520	827	4699	6705	3700	1231	1229	1310	1461
0-9	5694	1232	103	957	1592	981	248	199	200	182
10-19	7612	1539	243	1399	1786	801	347	442	472	583
20-34	5197	1205	141	922	1168	633	236	254	289	344
35-49	5039	955	235	897	1273	748	246	210	249	226
50+	3145	589	105	524	886	537	154	124	100	126
MALE										
ALL AGES	11726	2394	478	2155	2718	1552	534	554	619	722
0-9	2760	589	48	450	789	492	117	100	101	74
10-19	3325	635	152	601	798	350	158	191	201	239
20-34	1665	398	62	344	267	153	66	97	113	165
35-49	2414	475	149	475	482	298	119	113	145	158
50+	1562	297	67	285	382	259	74	53	59	86
FEMALE										
ALL AGES	14956	3126	349	2544	3987	2148	697	675	691	739
0-9	2934	643	55	507	803	489	131	99	99	108
10-19	4287	904	91	798	988	451	189	251	271	344
20-34	3527	807	79	578	901	480	170	157	176	179
35-49	2625	480	86	422	791	450	127	97	104	68
50+	1583	292	38	239	504	278	80	71	41	40

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA + NAGASAKI, ALL AGES

YEAR		TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	2134538	418612	85846	685040	407022	285593	77206	57844	55450	61925
	1950-54	419516	64567	11943	144261	85622	60176	16329	12119	11618	12881
	1955-59	512281	105025	22230	161819	96194	67601	18368	13636	13061	14347
	1960-64	485161	99955	20975	152943	90895	63902	17353	12944	12404	13790
	1965-69	457237	94852	19633	144084	85527	59911	16057	12190	11722	13261
	1970-72	260343	54213	11065	81933	48784	34003	9099	6955	6645	7646
MALE											
TOTAL	1950-72	869879	169889	40353	273785	171063	108929	29580	24634	24638	27008
	1950-54	177489	28604	6336	59324	36825	23564	6421	5300	5298	5817
	1955-59	210779	42454	10469	65549	40920	26074	7150	5889	5909	6365
	1960-64	196802	40026	9709	60954	38168	24281	6661	5513	5491	5999
	1965-69	182387	37578	8912	56355	35293	22427	6000	5085	5088	5649
	1970-72	102422	21227	4927	31603	19857	12583	3348	2847	2852	3178
FEMALE											
TOTAL	1950-72	1264659	248723	45493	411255	235959	176664	47626	33210	30812	34917
	1950-54	242027	35963	5607	84937	48797	36612	9908	6819	6320	7064
	1955-59	301502	62571	11761	96270	55274	41527	11218	7747	7152	7982
	1960-64	288359	59929	11266	91989	52727	39621	10692	7431	6913	7791
	1965-69	274850	57274	10721	87729	50234	37484	10057	7105	6634	7612
	1970-72	157921	32986	6138	50330	28927	21420	5751	4108	3793	4468

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA + NAGASAKI, AGE ATB 0-9

YEAR		TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	448282	97424	8558	147025	89840	65858	15214	9191	8545	6627
	1950-54	82764	15413	1310	28331	17335	12693	2937	1782	1687	1276
	1955-59	102281	22971	2015	33200	20288	14852	3438	2076	1946	1495
	1960-64	101701	22842	2015	33025	20161	14786	3413	2061	1906	1492
	1965-69	101129	22663	2012	32841	20075	14728	3396	2048	1884	1482
	1970-72	60407	13535	1206	19628	11981	8799	2030	1224	1122	882
MALE											
TOTAL	1950-72	220102	47574	4370	72163	43879	33099	7408	4325	4236	3048
	1950-54	40836	7633	668	13943	8495	6386	1435	841	844	591
	1955-59	50287	11208	1030	16324	9932	7469	1681	978	975	690
	1960-64	49909	11130	1030	16206	9848	7437	1663	967	941	687
	1965-69	49529	11028	1027	16083	9780	7397	1646	963	927	678
	1970-72	29541	6575	615	9607	5824	4410	983	576	549	402
FEMALE											
TOTAL	1950-72	228180	49850	4188	74862	45961	32759	7806	4866	4309	3579
	1950-54	41928	7780	642	14388	8840	6307	1502	941	843	685
	1955-59	51994	11763	985	16876	10356	7383	1757	1098	971	805
	1960-64	51792	11712	985	16819	10313	7349	1750	1094	965	805
	1965-69	51600	11635	985	16758	10295	7331	1750	1085	957	804
	1970-72	30866	6960	591	10021	6157	4389	1047	648	573	480

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA + NAGASAKI, AGE ATB 10-19

YEAR		TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	511589	102409	20797	153259	102127	57073	16846	17198	17779	24101
	1950-54	94182	15317	2970	29972	19958	11133	3273	3370	3485	4704
	1955-59	117558	24464	5010	34736	23198	12938	3816	3915	4042	5439
	1960-64	116305	24265	4966	34317	22917	12814	3789	3847	3986	5404
	1965-69	115120	24058	4927	34000	22624	12666	3744	3805	3938	5358
	1970-72	68424	14305	2924	20234	13430	7522	2224	2261	2328	3196
MALE											
TOTAL	1950-72	222596	42059	12486	65555	50450	22581	6923	7200	7939	7403
	1950-54	41524	6580	1911	12911	9913	4417	1349	1417	1561	1465
	1955-59	51198	10012	2980	14896	11492	5122	1569	1636	1815	1676
	1960-64	50515	9901	2947	14670	11324	5071	1560	1606	1777	1659
	1965-69	49844	9777	2921	14489	11140	5007	1530	1596	1750	1634
	1970-72	29515	5789	1727	8589	6581	2964	915	945	1036	969
FEMALE											
TOTAL	1950-72	288993	60350	8311	87704	51677	34492	9923	9998	9840	16698
	1950-54	52658	8737	1059	17061	10045	6716	1924	1953	1924	3239
	1955-59	66360	14452	2030	19840	11706	7816	2247	2279	2227	3763
	1960-64	65790	14364	2019	19647	11593	7743	2229	2241	2209	3745
	1965-69	65276	14281	2006	19511	11484	7659	2214	2209	2188	3724
	1970-72	38909	8516	1197	11645	6849	4558	1309	1316	1292	2227

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA + NAGASAKI, AGE ATB 20-34

YEAR		TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	466999	97797	19187	145928	85075	59724	17019	12668	13362	16239
	1950-54	87794	15736	2766	28796	16894	11805	3369	2514	2672	3242
	1955-59	108057	23367	4641	33330	19496	13636	3904	2901	3067	3715
	1960-64	106197	22970	4596	32804	19089	13425	3827	2846	3001	3639
	1965-69	103940	22517	4522	32134	18629	13145	3733	2780	2920	3560
	1970-72	61011	13207	2662	18864	10967	7713	2186	1627	1702	2083
MALE											
TOTAL	1950-72	130291	29502	5402	39413	22776	14157	3813	4034	4772	6422
	1950-54	26037	5766	1037	7922	4619	2853	771	818	947	1304
	1955-59	30073	6836	1244	9076	5282	3251	882	937	1093	1472
	1960-64	29352	6677	1229	8891	5100	3192	851	903	1070	1439
	1965-69	28403	6485	1199	8584	4908	3080	828	870	1051	1398
	1970-72	16426	3738	693	4940	2867	1781	481	506	611	809
FEMALE											
TOTAL	1950-72	336708	68295	13785	106515	62299	45567	13206	8634	8590	9817
	1950-54	61757	9970	1729	20874	12275	8952	2598	1696	1725	1938
	1955-59	77984	16531	3397	24254	14214	10385	3022	1964	1974	2243
	1960-64	76845	16293	3367	23913	13989	10233	2976	1943	1931	2200
	1965-69	75537	16032	3323	23550	13721	10065	2905	1910	1869	2162
	1970-72	44585	9469	1969	13924	8100	5932	1705	1121	1091	1274

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA + NAGASAKI, AGE ATB 35-49

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	485559	86060	26437	160902	86959	69888	18999	13684	11774	10856
1950-54	94838	11812	3306	34289	18571	14911	4082	2909	2590	2368
1955-59	119121	22587	6982	38505	20920	16773	4595	3274	2884	2601
1960-64	112089	21343	6621	36258	19635	15741	4312	3108	2647	2424
1965-69	103128	19636	6158	33501	17968	14498	3897	2843	2387	2240
1970-72	56383	10682	3370	18349	9865	7965	2113	1550	1266	1223
MALE										
TOTAL 1950-72	198559	36259	12354	63497	34733	25062	7397	6463	5478	7316
1950-54	41047	5870	1838	14116	7712	5573	1670	1408	1270	1590
1955-59	49720	9517	3290	15612	8558	6182	1844	1572	1383	1762
1960-64	45793	8819	3037	14347	7892	5653	1692	1482	1233	1638
1965-69	40636	7902	2746	12743	6934	4993	1444	1307	1056	1511
1970-72	21363	4151	1443	6679	3637	2661	747	694	536	815
FEMALE										
TOTAL 1950-72	287000	49801	14083	97405	52226	44826	11602	7221	6296	3540
1950-54	53791	5942	1468	20173	10859	9338	2412	1501	1320	778
1955-59	69401	13070	3692	22893	12362	10591	2751	1702	1501	839
1960-64	66296	12524	3584	21911	11743	10088	2620	1626	1414	786
1965-69	62492	11734	3412	20758	11034	9505	2453	1536	1331	729
1970-72	35020	6531	1927	11670	6228	5304	1366	856	730	408

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA + NAGASAKI, AGE ATB 50+

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	222109	34922	10867	77926	43021	33050	9128	5103	3990	4102
1950-54	59938	6289	1591	22873	12864	9634	2668	1544	1184	1291
1955-59	65264	11636	3582	22048	12292	9402	2615	1470	1122	1097
1960-64	48869	8535	2777	16539	9093	7136	2012	1082	864	831
1965-69	33920	5978	2014	11608	6231	4874	1287	714	593	621
1970-72	14118	2484	903	4858	2541	2004	546	293	227	262
MALE										
TOTAL 1950-72	98331	14495	5741	33157	19225	14030	4039	2612	2213	2819
1950-54	28045	2755	882	10432	6086	4335	1196	816	676	867
1955-59	29501	4881	1925	9641	5656	4050	1174	766	643	765
1960-64	21233	3499	1466	6840	4004	2928	895	555	470	576
1965-69	13975	2386	1019	4456	2531	1950	552	349	304	428
1970-72	5577	974	449	1788	948	767	222	126	120	183
FEMALE										
TOTAL 1950-72	123778	20427	5126	44769	23796	19020	5089	2491	1777	1283
1950-54	31893	3534	709	12441	6778	5299	1472	728	508	424
1955-59	35763	6755	1657	12407	6636	5352	1441	704	479	332
1960-64	27636	5036	1311	9699	5089	4208	1117	527	394	255
1965-69	19945	3592	995	7152	3700	2924	735	365	289	193
1970-72	8541	1510	454	3070	1593	1237	324	167	107	79

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA, ALL AGES

YEAR		TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	1598147	306436	69289	590478	273336	212118	52290	32769	28947	32484
	1950-54	308012	41442	8463	124652	57618	44751	11171	6966	6136	6813
	1955-59	386488	78785	18313	139716	64726	50273	12513	7779	6879	7504
	1960-64	365175	74810	17256	131818	61055	47470	11742	7327	6488	7209
	1965-69	343412	70947	16163	123940	57306	44426	10781	6845	6053	6951
	1970-72	195060	40452	9094	70352	32631	25198	6083	3852	3391	4007
MALE											
TOTAL	1950-72	639203	122207	30969	231647	117885	78663	19053	13390	12411	12978
	1950-54	128582	18589	4325	50363	25494	17094	4187	2979	2717	2834
	1955-59	156060	31197	8223	55557	28268	18880	4635	3240	3010	3050
	1960-64	145185	29321	7601	51559	26280	17525	4285	2985	2762	2867
	1965-69	134206	27564	6976	47540	24243	16124	3826	2706	2520	2707
	1970-72	75170	15536	3844	26628	13600	9040	2120	1480	1402	1520
FEMALE											
TOTAL	1950-72	958944	184229	38320	358831	155451	133455	33237	19379	16536	19506
	1950-54	179430	22853	4138	74289	32124	27657	6984	3987	3419	3979
	1955-59	230428	47588	10090	84159	36458	31393	7878	4539	3869	4454
	1960-64	219990	45489	9655	80259	34775	29945	7457	4342	3726	4342
	1965-69	209206	43383	9187	76400	33063	28302	6955	4139	3533	4244
	1970-72	119890	24916	5250	43724	19031	16158	3963	2372	1989	2487

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA, AGE ATB 0-9

YEAR		TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	323377	70312	6266	126064	54878	44305	9802	4836	4284	2630
	1950-54	58615	10189	872	24274	10574	8528	1890	937	845	506
	1955-59	74048	16837	1500	28467	12386	9986	2216	1090	976	590
	1960-64	73644	16731	1500	28317	12317	9948	2199	1086	956	590
	1965-69	73279	16621	1497	28166	12277	9914	2190	1078	946	590
	1970-72	43791	9934	897	16840	7324	5929	1307	645	561	354
MALE											
TOTAL	1950-72	159639	34632	3302	62327	26597	22282	4855	2152	2064	1428
	1950-54	29126	5135	464	12036	5143	4296	941	417	418	276
	1955-59	36592	8278	790	14101	6015	5026	1101	485	476	320
	1960-64	36328	8214	790	13997	5970	5010	1089	482	456	320
	1965-69	36073	8145	787	13894	5938	4979	1080	480	450	320
	1970-72	21520	4860	471	8299	3531	2971	644	288	264	192
FEMALE											
TOTAL	1950-72	163738	35680	2964	63737	28281	22023	4947	2684	2220	1202
	1950-54	29489	5054	408	12238	5431	4232	949	520	427	230
	1955-59	37456	8559	710	14366	6371	4960	1115	605	500	270
	1960-64	37316	8517	710	14320	6347	4938	1110	604	500	270
	1965-69	37206	8476	710	14272	6339	4935	1110	598	496	270
	1970-72	22271	5074	426	8541	3793	2958	663	357	297	162

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA, AGE ATB 10-19

YEAR		TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	347133	69062	15535	123195	63697	39678	9244	7599	7593	11530
	1950-54	62048	8826	1945	24083	12410	7744	1798	1497	1490	2255
	1955-59	80274	16916	3818	27913	14455	9010	2096	1736	1728	2602
	1960-64	79411	16781	3783	27581	14297	8904	2078	1699	1706	2582
	1965-69	78631	16643	3756	27337	14130	8796	2053	1675	1682	2559
	1970-72	46769	9896	2233	16281	8405	5224	1219	992	987	1532
MALE											
TOTAL	1950-72	151179	28364	9181	52817	33363	14991	3481	3050	3613	2319
	1950-54	27506	3902	1269	10395	6537	2937	677	608	714	467
	1955-59	34955	6900	2233	11995	7585	3407	787	695	830	523
	1960-64	34481	6820	2202	11819	7487	3362	784	679	811	517
	1965-69	34047	6743	2183	11678	7382	3317	771	672	792	509
	1970-72	20190	3999	1294	6930	4372	1968	462	396	466	303
FEMALE											
TOTAL	1950-72	195954	40698	6354	70378	30334	24687	5763	4549	3980	9211
	1950-54	34542	4924	676	13688	5873	4807	1121	889	776	1788
	1955-59	45319	10016	1585	15918	6870	5603	1309	1041	898	2079
	1960-64	44930	9961	1581	15762	6810	5542	1294	1020	895	2065
	1965-69	44584	9900	1573	15659	6748	5479	1282	1003	890	2050
	1970-72	26579	5897	939	9351	4033	3256	757	596	521	1229

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA, AGE ATB 20-34

YEAR		TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE											
TOTAL	1950-72	357014	72154	16129	126418	60452	46241	11938	7344	7307	9031
	1950-54	65912	10648	2174	24898	11983	9131	2369	1456	1454	1799
	1955-59	82861	17479	3949	28853	13850	10557	2741	1684	1686	2062
	1960-64	81485	17193	3906	28421	13573	10402	2686	1643	1645	2016
	1965-69	79848	16907	3841	27871	13248	10176	2616	1614	1591	1984
	1970-72	46908	9927	2259	16375	7798	5975	1526	947	931	1170
MALE											
TOTAL	1950-72	95629	21138	4102	32323	17321	10885	2387	2050	2406	3017
	1950-54	19037	4084	781	6475	3500	2206	491	418	471	611
	1955-59	22084	4897	947	7445	4015	2505	556	481	548	690
	1960-64	21565	4786	934	7301	3887	2456	535	455	538	673
	1965-69	20871	4673	913	7050	3739	2352	513	441	532	658
	1970-72	12072	2698	527	4052	2180	1366	292	255	317	385
FEMALE											
TOTAL	1950-72	261385	51016	12027	94095	43131	35356	9551	5294	4901	6014
	1950-54	46875	6564	1393	18423	8483	6925	1878	1038	983	1188
	1955-59	60777	12582	3002	21408	9835	8052	2185	1203	1138	1372
	1960-64	59920	12407	2972	21120	9686	7946	2151	1188	1107	1343
	1965-69	58977	12234	2928	20821	9509	7824	2103	1173	1059	1326
	1970-72	34836	7229	1732	12323	5618	4609	1234	692	614	785

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA, AGE ATB 35-49

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	389041	67713	21904	143535	62669	55711	14208	9544	7085	6672
1950-54	73868	7834	2313	30564	13274	11819	3055	2022	1552	1435
1955-59	95637	18137	5864	34325	14988	13310	3437	2273	1737	1566
1960-64	90288	17205	5588	32350	14140	12547	3207	2164	1601	1486
1965-69	83463	15884	5252	29909	13054	11617	2906	1998	1436	1407
1970-72	45785	8653	2887	16387	7213	6418	1603	1087	759	778
MALE										
TOTAL 1950-72	153898	27430	9561	54580	25914	19650	5169	4257	2901	4436
1950-54	31020	3897	1204	12148	5719	4337	1170	930	672	943
1955-59	38602	7350	2584	13418	6342	4814	1291	1022	737	1044
1960-64	35654	6828	2403	12343	5862	4428	1172	970	659	989
1965-69	31817	6134	2206	10937	5224	3952	1000	869	554	941
1970-72	16805	3221	1164	5734	2767	2119	536	466	279	519
FEMALE										
TOTAL 1950-72	235143	40283	12343	88955	36755	36061	9039	5287	4184	2236
1950-54	42848	3937	1109	18416	7555	7482	1885	1092	880	492
1955-59	57035	10787	3280	20907	8646	8496	2146	1251	1000	522
1960-64	54634	10377	3185	20007	8278	8119	2035	1194	942	497
1965-69	51646	9750	3046	18972	7830	7665	1906	1129	882	466
1970-72	28980	5432	1723	10653	4446	4299	1067	621	480	259

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 HIROSHIMA, AGE ATB 50+

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	181582	27195	9455	71266	31640	26183	7098	3446	2678	2621
1950-54	47569	3945	1159	20833	9377	7529	2059	1054	795	818
1955-59	53668	9416	3182	20158	9047	7410	2023	996	752	684
1960-64	40347	6900	2479	15149	6728	5669	1572	735	580	535
1965-69	28191	4892	1817	10657	4597	3923	1016	480	398	411
1970-72	11807	2042	818	4469	1891	1652	428	181	153	173
MALE										
TOTAL 1950-72	78858	10643	4823	29600	14690	10855	3161	1881	1427	1778
1950-54	21893	1571	607	9309	4595	3318	908	606	442	537
1955-59	23827	3772	1669	8598	4311	3128	900	557	419	473
1960-64	17157	2673	1272	6099	3074	2269	705	399	298	368
1965-69	11398	1869	887	3981	1960	1524	462	244	192	279
1970-72	4583	758	388	1613	750	616	186	75	76	121
FEMALE										
TOTAL 1950-72	102724	16552	4632	41666	16950	15328	3937	1565	1251	843
1950-54	25676	2374	552	11524	4782	4211	1151	448	353	281
1955-59	29841	5644	1513	11560	4736	4282	1123	439	333	211
1960-64	23190	4227	1207	9050	3654	3400	867	336	282	167
1965-69	16793	3023	930	6676	2637	2399	554	236	206	132
1970-72	7224	1284	430	2856	1141	1036	242	106	77	52

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 NAGASAKI, ALL AGES

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	536391	112176	16557	94562	133686	73475	24916	25075	26503	29441
1950-54	111504	23125	3480	19609	28004	15425	5158	5153	5482	6068
1955-59	125793	26240	3917	22103	31468	17328	5855	5857	6182	6843
1960-64	119986	25145	3719	21125	29840	16432	5611	5617	5916	6581
1965-69	113825	23905	3470	20144	28221	15485	5276	5345	5669	6310
1970-72	65283	13761	1971	11581	16153	8805	3016	3103	3254	3639
MALE										
TOTAL 1950-72	230676	47682	9384	42138	53178	30266	10527	11244	12227	14030
1950-54	48907	10015	2011	8961	11331	6470	2234	2321	2581	2983
1955-59	54719	11257	2246	9992	12652	7194	2515	2649	2899	3315
1960-64	51617	10705	2108	9395	11888	6756	2376	2528	2729	3132
1965-69	48181	10014	1936	8815	11050	6303	2174	2379	2568	2942
1970-72	27252	5691	1083	4975	6257	3543	1228	1367	1450	1658
FEMALE										
TOTAL 1950-72	305715	64494	7173	52424	80508	43209	14389	13831	14276	15411
1950-54	62597	13110	1469	10648	16673	8955	2924	2832	2901	3085
1955-59	71074	14983	1671	12111	18816	10134	3340	3208	3283	3528
1960-64	68369	14440	1611	11730	17952	9676	3235	3089	3187	3449
1965-69	65644	13891	1534	11329	17171	9182	3102	2966	3101	3368
1970-72	38031	8070	888	6606	9896	5262	1788	1736	1804	1981

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 NAGASAKI, AGE ATB 0-9

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	124905	27112	2292	20961	34962	21553	5412	4355	4261	3997
1950-54	24149	5224	438	4057	6761	4165	1047	845	842	770
1955-59	28233	6134	515	4733	7902	4866	1222	986	970	905
1960-64	28057	6111	515	4708	7844	4838	1214	975	950	902
1965-69	27850	6042	515	4675	7798	4814	1206	970	938	892
1970-72	16616	3601	309	2788	4657	2870	723	579	561	528
MALE										
TOTAL 1950-72	60463	12942	1068	9836	17282	10817	2553	2173	2172	1620
1950-54	11710	2498	204	1907	3352	2090	494	424	426	315
1955-59	13695	2930	240	2223	3917	2443	580	493	499	370
1960-64	13581	2916	240	2209	3878	2427	574	485	485	367
1965-69	13456	2883	240	2189	3842	2418	566	483	477	358
1970-72	8021	1715	144	1308	2293	1439	339	288	285	210
FEMALE										
TOTAL 1950-72	64442	14170	1224	11125	17680	10736	2859	2182	2089	2377
1950-54	12439	2726	234	2150	3409	2075	553	421	416	455
1955-59	14538	3204	275	2510	3985	2423	642	493	471	535
1960-64	14476	3195	275	2499	3966	2411	640	490	465	535
1965-69	14394	3159	275	2486	3956	2396	640	487	461	534
1970-72	8595	1886	165	1480	2364	1431	384	291	276	318

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 NAGASAKI, AGE ATB 10-19

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	164456	33347	5262	30064	38430	17395	7602	9599	10186	12571
1950-54	32134	6491	1025	5889	7548	3389	1475	1873	1995	2449
1955-59	37284	7548	1192	6823	8743	3928	1720	2179	2314	2837
1960-64	36894	7484	1183	6736	8620	3910	1711	2148	2280	2822
1965-69	36489	7415	1171	6663	8494	3870	1691	2130	2256	2799
1970-72	21655	4409	691	3953	5025	2298	1005	1269	1341	1664
MALE										
TOTAL 1950-72	71417	13695	3305	12738	17087	7590	3442	4150	4326	5084
1950-54	14018	2678	642	2516	3376	1480	672	809	847	998
1955-59	16243	3112	747	2901	3907	1715	782	941	985	1153
1960-64	16034	3081	745	2851	3837	1709	776	927	966	1142
1965-69	15797	3034	738	2811	3758	1690	759	924	958	1125
1970-72	9325	1790	433	1659	2209	996	453	549	570	666
FEMALE										
TOTAL 1950-72	93039	19652	1957	17326	21343	9805	4160	5449	5860	7487
1950-54	18116	3813	383	3373	4172	1909	803	1064	1148	1451
1955-59	21041	4436	445	3922	4836	2213	938	1238	1329	1684
1960-64	20860	4403	438	3885	4783	2201	935	1221	1314	1680
1965-69	20692	4381	433	3852	4736	2180	932	1206	1298	1674
1970-72	12330	2619	258	2294	2816	1302	552	720	771	998

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 NAGASAKI, AGE ATB 20-34

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	109985	25643	3058	19510	24623	13483	5081	5324	6055	7208
1950-54	21882	5088	592	3898	4911	2674	1000	1058	1218	1443
1955-59	25196	5888	692	4477	5646	3079	1163	1217	1381	1653
1960-64	24712	5777	690	4383	5516	3023	1141	1203	1356	1623
1965-69	24092	5610	681	4263	5381	2969	1117	1166	1329	1576
1970-72	14103	3280	403	2489	3169	1738	660	680	771	913
MALE										
TOTAL 1950-72	34662	8364	1300	7090	5455	3272	1426	1984	2366	3405
1950-54	7000	1682	256	1447	1119	647	280	400	476	693
1955-59	7989	1939	297	1631	1267	746	326	456	545	782
1960-64	7787	1891	295	1590	1213	736	316	448	532	766
1965-69	7532	1812	286	1534	1169	728	315	429	519	740
1970-72	4354	1040	166	888	687	415	189	251	294	424
FEMALE										
TOTAL 1950-72	75323	17279	1758	12420	19168	10211	3655	3340	3689	3803
1950-54	14882	3406	336	2451	3792	2027	720	658	742	750
1955-59	17207	3949	395	2846	4379	2333	837	761	836	871
1960-64	16925	3886	395	2793	4303	2287	825	755	824	857
1965-69	16560	3798	395	2729	4212	2241	802	737	810	836
1970-72	9749	2240	237	1601	2482	1323	471	429	477	489

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 NAGASAKI, AGE ATB 35-49

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	96518	18347	4533	17367	24290	14177	4791	4140	4689	4184
1950-54	20970	3978	993	3725	5297	3092	1027	887	1038	933
1955-59	23484	4450	1118	4180	5932	3463	1158	1001	1147	1035
1960-64	21801	4138	1033	3908	5495	3194	1105	944	1046	938
1965-69	19665	3752	906	3592	4914	2881	991	845	951	833
1970-72	10598	2029	483	1962	2652	1547	510	463	507	445
MALE										
TOTAL 1950-72	44661	8829	2793	8917	8819	5412	2228	2206	2577	2880
1950-54	10027	1973	634	1968	1993	1236	500	478	598	647
1955-59	11118	2167	706	2194	2216	1368	553	550	646	718
1960-64	10139	1991	634	2004	2030	1225	520	512	574	649
1965-69	8819	1768	540	1806	1710	1041	444	438	502	570
1970-72	4558	930	279	945	870	542	211	228	257	296
FEMALE										
TOTAL 1950-72	51857	9518	1740	8450	15471	8765	2563	1934	2112	1304
1950-54	10943	2005	359	1757	3304	1856	527	409	440	286
1955-59	12366	2283	412	1986	3716	2095	605	451	501	317
1960-64	11662	2147	399	1904	3465	1969	585	432	472	289
1965-69	10846	1984	366	1786	3204	1840	547	407	449	263
1970-72	6040	1099	204	1017	1782	1005	299	235	250	149

TABLE 2 THE LIFE SPAN STUDY COHORT EXTENDED, NUMBER OF PERSON-YEARS AT RISK 1950-1972 NAGASAKI, AGE ATB 50+

YEAR	TOTAL	T65 TOTAL DOSE IN RAD								
		NIC-LE	NIC-EE	0	1-9	10-49	50-99	100-199	200+	UNK
MALE + FEMALE										
TOTAL 1950-72	40527	7727	1412	6660	11381	6867	2030	1657	1312	1481
1950-54	12369	2344	432	2040	3487	2105	609	490	389	473
1955-59	11596	2220	400	1890	3245	1992	592	474	370	413
1960-64	8522	1635	298	1390	2365	1467	440	347	284	296
1965-69	5729	1086	197	951	1634	951	271	234	195	210
1970-72	2311	442	85	389	650	352	118	112	74	89
MALE										
TOTAL 1950-72	19473	3852	918	3557	4535	3175	878	731	786	1041
1950-54	6152	1184	275	1123	1491	1017	288	210	234	330
1955-59	5674	1109	256	1043	1345	922	274	209	224	292
1960-64	4076	826	194	741	930	659	190	156	172	208
1965-69	2577	517	132	475	571	426	90	105	112	149
1970-72	994	216	61	175	198	151	36	51	44	62
FEMALE										
TOTAL 1950-72	21054	3875	494	3103	6846	3692	1152	926	526	440
1950-54	6217	1160	157	917	1996	1088	321	280	155	143
1955-59	5922	1111	144	847	1900	1070	318	265	146	121
1960-64	4446	809	104	649	1435	808	250	191	112	88
1965-69	3152	569	65	476	1063	525	181	129	83	61
1970-72	1317	226	24	214	452	201	82	61	30	27

DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 3 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	23685	4135	1024	7897	4524	3315	932	637	603	618
	EXP.	26193.8	4662.7	1347.9	8817.7	4888.8	3722.6	1000.2	644.2	534.5	575.3
	CONF.LIMIT	0.912	0.905	0.791	0.909	0.943	0.911	0.972	1.041	1.189	1.132
	OBS./EXP.	0.904	0.887	0.760	0.896	0.925	0.891	0.932	0.989	1.128	1.074
	CONF.LIMIT	0.897	0.869	0.729	0.883	0.908	0.871	0.893	0.939	1.070	1.019
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0000	0.0404	0.0005	0.1887	0.2091	0.0164	0.0000		
1965-69	OBS.	5768	1101	267	1842	1090	807	240	144	158	119
	EXP.	6354.2	1191.1	361.7	2103.3	1147.1	888.3	233.2	156.1	131.1	142.2
	CONF.LIMIT	0.923	0.961	0.799	0.902	0.988	0.951	1.119	1.029	1.338	0.944
	OBS./EXP.	0.908	0.924	0.738	0.876	0.950	0.908	1.029	0.922	1.205	0.837
	CONF.LIMIT	0.892	0.889	0.681	0.850	0.914	0.868	0.945	0.825	1.084	0.740
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0005	0.0170	0.2406	0.4355	0.0263	0.4081	0.0002		
1970-72	OBS.	3388	602	201	1150	587	474	126	92	88	68
	EXP.	4224.8	789.9	252.7	1399.2	753.0	582.3	155.3	106.0	87.8	98.7
	CONF.LIMIT	0.820	0.804	0.872	0.854	0.822	0.864	0.912	0.996	1.154	0.809
	OBS./EXP.	0.802	0.762	0.795	0.822	0.780	0.814	0.811	0.868	1.003	0.689
	CONF.LIMIT	0.784	0.723	0.724	0.791	0.739	0.766	0.720	0.754	0.868	0.584
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3117	0.1547	0.1420	0.4429	0.4897	0.2594	0.0257		

TABLE 3 -2 DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 3 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	482	107	1	142	99	64	20	15	25	9
	EXP.	554.0	120.2	10.5	181.4	111.2	81.7	18.7	11.5	10.6	8.3
	CONF.LIMIT	0.923	1.011	0.369	0.874	1.017	0.924	1.448	1.857	3.088	1.709
	OBS./EXP.	0.870	0.890	0.095	0.783	0.891	0.783	1.070	1.308	2.360	1.082
	CONF.LIMIT	0.820	0.782	0.009	0.700	0.778	0.661	0.777	0.898	1.779	0.654
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0064	0.1781	0.5000	0.3901	0.1502	0.0507	0.0000		
1965-69	OBS.	109	31	1	32	20	11	3	3	4	4
	EXP.	126.3	28.3	2.5	40.9	25.0	18.5	4.2	2.6	2.4	1.8
	CONF.LIMIT	0.979	1.394	1.543	0.990	1.080	0.898	1.583	2.613	3.390	4.327
	OBS./EXP.	0.863	1.096	0.398	0.782	0.799	0.595	0.711	1.173	1.695	2.164
	CONF.LIMIT	0.759	0.852	0.039	0.611	0.580	0.380	0.262	0.433	0.742	0.947
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2530	0.5000	0.1291	0.2517	0.5000	0.3379	0.1278		
1970-72	OBS.	66	11	0	20	18	11	2	1	2	1
	EXP.	85.4	19.1	1.7	27.7	16.9	12.5	2.9	1.7	1.6	1.3
	CONF.LIMIT	0.910	0.869	1.348	0.977	1.461	1.329	1.865	2.233	3.365	3.081
	OBS./EXP.	0.773	0.576	0.000	0.722	1.062	0.880	0.701	0.577	1.265	0.796
	CONF.LIMIT	0.654	0.368	0.000	0.525	0.757	0.562	0.187	0.057	0.338	0.078
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3903	0.1486	0.1087	0.5000	0.5000	0.5000	0.3995		

TABLE 3 -3 DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1230	214	47	388	261	132	33	44	56	55
	EXP.	1148.4	224.4	50.1	344.3	231.8	125.7	37.6	39.2	41.1	54.2
	CONF.LIMIT	1.111	1.043	1.139	1.204	1.220	1.177	1.107	1.373	1.628	1.214
	OBS./EXP.	1.071	0.954	0.938	1.127	1.126	1.050	0.877	1.123	1.363	1.015
	CONF.LIMIT	1.032	0.871	0.767	1.054	1.037	0.935	0.688	0.913	1.135	0.844
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4967	0.5000	0.0115	0.2492	0.0961	0.5000	0.0939		
1965-69	OBS.	259	50	11	63	58	36	9	10	13	9
	EXP.	232.5	47.8	11.1	68.3	46.3	24.8	7.5	7.8	8.2	10.6
	CONF.LIMIT	1.208	1.262	1.491	1.089	1.492	1.814	1.901	1.975	2.301	1.336
	OBS./EXP.	1.114	1.046	0.988	0.922	1.254	1.452	1.204	1.281	1.578	0.846
	CONF.LIMIT	1.026	0.861	0.631	0.777	1.048	1.152	0.728	0.798	1.050	0.511
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.0538	0.4833	0.0545	0.4009	0.3220	0.1034		
1970-72	OBS.	190	37	11	55	44	19	5	4	10	5
	EXP.	176.2	36.2	8.4	51.9	34.9	18.8	5.7	5.9	6.2	8.2
	CONF.LIMIT	1.186	1.274	1.971	1.269	1.540	1.378	1.638	1.346	2.479	1.135
	OBS./EXP.	1.078	1.022	1.306	1.061	1.260	1.011	0.882	0.673	1.609	0.612
	CONF.LIMIT	0.979	0.814	0.834	0.882	1.023	0.728	0.430	0.295	1.002	0.298
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2850	0.2249	0.4067	0.3682	0.3829	0.2160	0.1828		

TABLE 3 -4 DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 3 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1968	372	60	591	391	256	74	65	73	86
	EXP.	2113.5	446.2	88.0	665.8	381.6	270.7	73.5	57.0	60.0	70.7
	CONF.LIMIT	0.959	0.892	0.809	0.936	1.094	1.026	1.174	1.343	1.420	1.403
	OBS./EXP.	0.931	0.834	0.682	0.888	1.025	0.946	1.006	1.140	1.216	1.217
	CONF.LIMIT	0.904	0.779	0.571	0.841	0.959	0.871	0.860	0.963	1.038	1.052
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0850	0.0149	0.0056	0.4617	0.2936	0.0699	0.0177		
1965-69	OBS.	523	109	13	164	98	61	24	13	20	21
	EXP.	539.1	117.5	23.6	168.5	95.6	68.3	18.3	14.4	15.1	17.7
	CONF.LIMIT	1.027	1.052	0.802	1.078	1.171	1.058	1.730	1.319	1.787	1.590
	OBS./EXP.	0.970	0.927	0.550	0.973	1.025	0.893	1.314	0.904	1.321	1.185
	CONF.LIMIT	0.916	0.816	0.366	0.877	0.895	0.750	0.984	0.602	0.960	0.868
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0492	0.3639	0.1153	0.2557	0.1078	0.4405	0.1255		
1970-72	OBS.	352	79	20	104	54	50	8	14	13	10
	EXP.	443.2	96.4	19.5	138.5	79.0	56.0	14.9	11.8	12.4	14.6
	CONF.LIMIT	0.851	0.951	1.388	0.854	0.819	1.077	0.873	1.701	1.527	1.057
	OBS./EXP.	0.794	0.819	1.026	0.751	0.684	0.892	0.537	1.182	1.047	0.686
	CONF.LIMIT	0.741	0.704	0.745	0.658	0.568	0.735	0.313	0.800	0.697	0.427
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2132	0.3205	0.1141	0.1150	0.2636	0.0501	0.1243		

DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 3 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	7173	1279	358	2347	1262	1013	303	202	220	189
	EXP.	8123.4	1441.4	484.8	2673.1	1446.9	1143.8	311.0	234.2	195.6	192.6
	CONF.LIMIT	0.897	0.920	0.791	0.902	0.905	0.922	1.050	0.946	1.229	1.079
	OBS./EXP.	0.883	0.887	0.738	0.878	0.872	0.886	0.974	0.863	1.125	0.981
	CONF.LIMIT	0.870	0.856	0.689	0.855	0.841	0.850	0.903	0.786	1.029	0.891
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0012	0.4318	0.1588	0.3838	0.0397	0.4334	0.0002		
1965-69	OBS.	2108	421	121	662	386	270	91	53	61	43
	EXP.	2335.6	430.7	147.1	760.3	409.8	323.4	87.2	66.8	55.1	55.4
	CONF.LIMIT	0.928	1.042	0.927	0.916	1.006	0.904	1.199	0.953	1.313	0.952
	OBS./EXP.	0.903	0.978	0.823	0.871	0.942	0.835	1.044	0.794	1.108	0.777
	CONF.LIMIT	0.877	0.917	0.728	0.828	0.881	0.770	0.906	0.658	0.931	0.629
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0528	0.1150	0.1972	0.1611	0.0869	0.2207	0.0585		
1970-72	OBS.	1414	247	85	479	224	196	63	47	43	30
	EXP.	1831.0	336.0	114.9	598.6	321.8	256.2	67.7	51.8	41.1	43.0
	CONF.LIMIT	0.799	0.799	0.854	0.849	0.760	0.840	1.100	1.102	1.282	0.891
	OBS./EXP.	0.772	0.735	0.740	0.800	0.696	0.765	0.931	0.908	1.046	0.697
	CONF.LIMIT	0.746	0.676	0.639	0.754	0.637	0.696	0.784	0.743	0.847	0.540
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.0466	0.3038	0.5000	0.0729	0.1380	0.0258		

DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 3 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	12832	2163	558	4429	2511	1850	502	311	229	279
	EXP.	14254.6	2430.5	714.5	4953.2	2717.3	2100.8	559.3	302.3	227.2	249.5
	CONF.LIMIT	0.910	0.915	0.825	0.912	0.948	0.907	0.951	1.108	1.099	1.209
	OBS./EXP.	0.900	0.890	0.781	0.894	0.924	0.881	0.898	1.029	1.008	1.118
	CONF.LIMIT	0.890	0.865	0.739	0.877	0.901	0.854	0.847	0.955	0.924	1.033
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0032	0.0958	0.0247	0.1544	0.4437	0.0141	0.0566		
1965-69	OBS.	2769	490	121	921	528	429	113	65	60	42
	EXP.	3120.8	566.8	177.4	1065.2	570.4	453.3	116.1	64.6	50.3	56.6
	CONF.LIMIT	0.909	0.917	0.769	0.902	0.979	1.008	1.102	1.186	1.415	0.912
	OBS./EXP.	0.887	0.864	0.682	0.865	0.926	0.946	0.973	1.006	1.193	0.742
	CONF.LIMIT	0.866	0.815	0.604	0.828	0.874	0.888	0.858	0.850	1.000	0.600
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0113	0.1102	0.0605	0.1194	0.1767	0.1691	0.0134		
1970-72	OBS.	1366	228	85	492	247	198	48	26	20	22
	EXP.	1689.0	302.2	108.2	582.5	300.4	238.8	64.2	34.7	26.4	31.7
	CONF.LIMIT	0.838	0.823	0.907	0.896	0.893	0.910	0.906	0.976	1.024	0.925
	OBS./EXP.	0.809	0.755	0.786	0.845	0.822	0.829	0.748	0.750	0.757	0.694
	CONF.LIMIT	0.781	0.691	0.679	0.796	0.756	0.755	0.613	0.569	0.550	0.512
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3954	0.3809	0.0903	0.4728	0.2535	0.3355	0.3810		

TABLE 3 -7 DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	12190	2016	613	4068	2369	1580	450	358	344	392
	EXP.	12956.1	2203.5	778.8	4222.6	2441.4	1763.1	495.3	357.1	308.0	386.3
	CONF.LIMIT	0.952	0.942	0.829	0.983	0.996	0.926	0.966	1.074	1.198	1.084
	OBS./EXP.	0.941	0.915	0.787	0.963	0.970	0.896	0.909	1.002	1.117	1.015
	CONF.LIMIT	0.930	0.889	0.747	0.944	0.945	0.867	0.854	0.935	1.040	0.950
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0006	0.3949	0.0000	0.0040	0.1104	0.2534	0.0046		
1965-69	OBS.	2951	537	153	950	574	371	118	84	81	83
	EXP.	3125.3	573.1	207.0	988.9	564.5	414.2	115.9	88.5	75.0	98.3
	CONF.LIMIT	0.967	0.991	0.822	1.002	1.073	0.958	1.149	1.096	1.251	0.976
	OBS./EXP.	0.944	0.937	0.739	0.961	1.017	0.896	1.018	0.949	1.081	0.845
	CONF.LIMIT	0.922	0.886	0.664	0.921	0.963	0.837	0.900	0.819	0.930	0.728
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0055	0.1468	0.0127	0.0618	0.3626	0.4097	0.2101		
1970-72	OBS.	1658	294	119	533	303	209	59	46	50	45
	EXP.	2013.7	379.1	140.5	636.2	351.3	260.2	71.6	56.3	49.5	69.0
	CONF.LIMIT	0.850	0.837	0.956	0.886	0.930	0.879	0.979	0.995	1.219	0.795
	OBS./EXP.	0.823	0.775	0.847	0.838	0.863	0.803	0.824	0.818	1.010	0.652
	CONF.LIMIT	0.798	0.718	0.749	0.792	0.800	0.733	0.690	0.667	0.832	0.531
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2213	0.3548	0.1550	0.2626	0.4548	0.4470	0.1226		

TABLE 3 -8 DEATHS FROM ALL CAUSES
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	11495	2119	411	3829	2155	1735	482	279	259	226
	EXP.	13237.7	2459.2	569.1	4595.1	2447.4	1959.5	504.9	287.1	226.4	189.0
	CONF.LIMIT	0.879	0.886	0.770	0.851	0.905	0.913	1.013	1.051	1.240	1.305
	OBS./EXP.	0.868	0.862	0.722	0.833	0.881	0.885	0.955	0.972	1.144	1.196
	CONF.LIMIT	0.858	0.838	0.677	0.816	0.856	0.858	0.899	0.898	1.054	1.095
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0006	0.0209	0.2422	0.0669	0.0073	0.0149	0.0000		
1965-69	OBS.	2817	564	114	892	516	436	122	60	77	36
	EXP.	3228.9	618.0	154.8	1114.5	582.6	474.1	117.3	67.6	56.1	43.9
	CONF.LIMIT	0.894	0.964	0.833	0.836	0.938	0.979	1.171	1.054	1.595	1.025
	OBS./EXP.	0.872	0.913	0.737	0.800	0.886	0.920	1.040	0.888	1.372	0.820
	CONF.LIMIT	0.851	0.864	0.650	0.766	0.836	0.864	0.921	0.745	1.175	0.651
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0210	0.0354	0.1200	0.0318	0.0091	0.3193	0.0000		
1970-72	OBS.	1730	308	82	617	284	265	67	46	38	23
	EXP.	2211.1	410.7	112.2	762.9	401.7	322.1	83.7	49.7	38.3	29.7
	CONF.LIMIT	0.807	0.808	0.845	0.852	0.764	0.891	0.941	1.127	1.233	1.026
	OBS./EXP.	0.782	0.750	0.731	0.809	0.707	0.823	0.801	0.926	0.993	0.774
	CONF.LIMIT	0.758	0.696	0.629	0.767	0.654	0.759	0.678	0.756	0.793	0.576
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4463	0.0330	0.2842	0.1969	0.4108	0.1287	0.0740		

DEATHS FROM ALL CAUSES
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 3 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	18380	3144	840	6985	3105	2485	688	422	355	356
	EXP.	21143.0	3683.9	1143.3	7943.8	3592.8	2936.4	747.1	421.5	332.6	341.7
	CONF.LIMIT	0.878	0.873	0.768	0.893	0.884	0.868	0.968	1.067	1.144	1.116
	OBS./EXP.	0.869	0.853	0.735	0.879	0.864	0.846	0.921	1.001	1.067	1.042
	CONF.LIMIT	0.861	0.834	0.702	0.866	0.844	0.825	0.876	0.939	0.996	0.972
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0001	0.2149	0.0010	0.0724	0.0979	0.0034	0.0001		
1965-69	OBS.	4487	844	216	1634	756	618	169	96	100	54
	EXP.	5166.3	960.3	312.0	1894.3	846.5	706.5	176.6	103.6	80.8	85.8
	CONF.LIMIT	0.885	0.919	0.757	0.891	0.936	0.922	1.058	1.060	1.412	0.754
	OBS./EXP.	0.869	0.879	0.692	0.863	0.893	0.875	0.957	0.927	1.238	0.630
	CONF.LIMIT	0.852	0.840	0.633	0.835	0.852	0.830	0.864	0.808	1.082	0.523
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0010	0.2200	0.1123	0.4793	0.1272	0.2915	0.0003		
1970-72	OBS.	2663	478	175	1017	401	346	96	60	49	41
	EXP.	3421.4	630.5	217.8	1255.6	553.2	468.5	116.8	66.6	53.0	59.3
	CONF.LIMIT	0.798	0.805	0.887	0.844	0.774	0.792	0.940	1.069	1.117	0.851
	OBS./EXP.	0.778	0.758	0.803	0.810	0.725	0.738	0.822	0.901	0.924	0.691
	CONF.LIMIT	0.759	0.714	0.727	0.778	0.679	0.688	0.716	0.755	0.759	0.557
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2680	0.0321	0.3595	0.1681	0.3416	0.1576	0.1405		

DEATHS FROM ALL CAUSES
HIROSHIMA, MALE, ALL AGES

TABLE 3-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	9342	1486	488	3533	1691	1175	317	247	192	213
	EXP.	10275.3	1683.5	634.4	3725.6	1845.6	1374.3	365.1	236.7	185.8	224.4
	CONF.LIMIT	0.921	0.913	0.816	0.969	0.945	0.888	0.934	1.134	1.136	1.038
	OBS./EXP.	0.909	0.883	0.769	0.948	0.916	0.855	0.868	1.044	1.034	0.949
	CONF.LIMIT	0.897	0.853	0.725	0.928	0.888	0.823	0.806	0.959	0.939	0.867
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0045	0.1256	0.0001	0.0022	0.0981	0.0524	0.0969		
1965-69	OBS.	2237	397	116	823	409	273	79	58	45	37
	EXP.	2486.9	446.6	171.2	868.1	429.4	324.5	87.4	58.3	43.7	57.6
	CONF.LIMIT	0.924	0.949	0.766	0.992	1.016	0.910	1.049	1.184	1.257	0.800
	OBS./EXP.	0.900	0.889	0.678	0.948	0.952	0.841	0.904	0.995	1.031	0.643
	CONF.LIMIT	0.875	0.832	0.598	0.906	0.893	0.777	0.776	0.831	0.840	0.512
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0058	0.4802	0.0058	0.0382	0.3627	0.3823	0.3127		
1970-72	OBS.	1261	224	102	457	214	146	45	26	22	25
	EXP.	1597.4	292.1	115.8	557.1	268.3	207.0	53.7	34.2	28.2	40.9
	CONF.LIMIT	0.819	0.837	1.003	0.872	0.872	0.786	1.022	0.988	1.040	0.800
	OBS./EXP.	0.789	0.767	0.881	0.820	0.798	0.705	0.838	0.759	0.781	0.611
	CONF.LIMIT	0.761	0.702	0.771	0.771	0.729	0.632	0.682	0.576	0.576	0.461
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1339	0.3856	0.4149	0.0663	0.4442	0.4148	0.4808		

TABLE 3-11 DEATHS FROM ALL CAUSES
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	9038	1658	352	3452	1414	1310	371	175	163	143
	EXP.	10867.7	2000.4	508.9	4218.2	1747.2	1562.1	382.1	184.8	146.8	117.4
	CONF.LIMIT	0.843	0.856	0.741	0.837	0.838	0.869	1.039	1.045	1.230	1.360
	OBS./EXP.	0.832	0.829	0.692	0.818	0.809	0.839	0.971	0.947	1.110	1.218
	CONF.LIMIT	0.820	0.803	0.645	0.801	0.782	0.809	0.907	0.856	1.000	1.090
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0011	0.3690	0.2512	0.1902	0.0006	0.0279	0.0001		
1965-69	OBS.	2250	447	100	811	347	345	90	38	55	17
	EXP.	2679.4	513.7	140.8	1026.2	417.0	381.9	89.2	45.3	37.1	28.2
	CONF.LIMIT	0.863	0.925	0.810	0.827	0.892	0.969	1.160	1.042	1.772	0.838
	OBS./EXP.	0.840	0.870	0.710	0.790	0.832	0.903	1.009	0.839	1.482	0.603
	CONF.LIMIT	0.817	0.818	0.621	0.755	0.775	0.842	0.875	0.670	1.232	0.425
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0378	0.2190	0.2226	0.0283	0.0198	0.4148	0.0000		
1970-72	OBS.	1402	254	73	560	187	200	51	34	27	16
	EXP.	1824.0	338.4	102.0	698.4	284.9	261.5	63.1	32.4	24.9	18.4
	CONF.LIMIT	0.796	0.815	0.835	0.847	0.722	0.839	0.973	1.321	1.407	1.219
	OBS./EXP.	0.769	0.751	0.716	0.802	0.656	0.765	0.808	1.050	1.086	0.869
	CONF.LIMIT	0.742	0.691	0.611	0.759	0.596	0.696	0.667	0.827	0.829	0.605
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3887	0.0100	0.3795	0.4795	0.3540	0.0372	0.0394		

TABLE 3-12 DEATHS FROM ALL CAUSES
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	5305	991	184	912	1419	830	244	215	248	262
	EXP.	5050.8	978.8	204.6	873.9	1296.0	786.2	253.0	222.7	201.9	233.6
	CONF.LIMIT	1.069	1.055	0.990	1.089	1.133	1.104	1.048	1.055	1.335	1.216
	OBS./EXP.	1.050	1.012	0.899	1.044	1.095	1.056	0.964	0.965	1.228	1.122
	CONF.LIMIT	1.032	0.971	0.815	1.000	1.058	1.009	0.886	0.882	1.130	1.034
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0761	0.1338	0.0145	0.3425	0.0590	0.0726	0.0236		
1965-69	OBS.	1281	257	51	208	334	189	71	48	58	65
	EXP.	1188.0	230.8	49.8	209.0	300.6	181.8	56.6	52.5	50.3	56.4
	CONF.LIMIT	1.118	1.208	1.234	1.090	1.193	1.143	1.466	1.107	1.372	1.358
	OBS./EXP.	1.078	1.113	1.025	0.995	1.111	1.039	1.253	0.914	1.152	1.152
	CONF.LIMIT	1.040	1.025	0.846	0.908	1.034	0.944	1.067	0.749	0.963	0.973
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3262	0.1149	0.3410	0.4116	0.1050	0.1792	0.2982		
1970-72	OBS.	725	124	26	133	186	128	30	32	39	27
	EXP.	803.4	159.4	34.9	143.6	199.8	113.8	38.4	39.3	34.7	39.4
	CONF.LIMIT	0.947	0.875	0.971	1.038	1.024	1.263	0.997	1.031	1.391	0.887
	OBS./EXP.	0.902	0.778	0.746	0.926	0.931	1.125	0.780	0.814	1.123	0.685
	CONF.LIMIT	0.860	0.690	0.566	0.825	0.844	1.000	0.604	0.636	0.900	0.522
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4735	0.5000	0.0348	0.0368	0.2115	0.2733	0.1457		

DEATHS FROM ALL CAUSES
NAGASAKI, MALE, ALL AGES

TABLE 3-13

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	2848	530	125	535	678	405	133	111	152	179
	EXP.	2680.8	520.1	144.4	497.0	595.8	388.7	130.2	120.5	122.3	162.0
	CONF.LIMIT	1.088	1.078	0.974	1.139	1.196	1.111	1.145	1.044	1.383	1.219
	OBS./EXP.	1.062	1.019	0.866	1.077	1.138	1.042	1.022	0.921	1.243	1.105
	CONF.LIMIT	1.037	0.963	0.768	1.017	1.082	0.976	0.910	0.811	1.116	1.001
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0562	0.1759	0.0076	0.1416	0.1966	0.0342	0.0996		
1965-69	OBS.	714	140	37	127	165	98	39	26	36	46
	EXP.	638.5	126.5	35.8	120.7	135.1	89.7	28.5	30.2	31.3	40.7
	CONF.LIMIT	1.174	1.236	1.288	1.182	1.353	1.249	1.694	1.119	1.437	1.375
	OBS./EXP.	1.118	1.107	1.034	1.052	1.222	1.093	1.368	0.860	1.150	1.130
	CONF.LIMIT	1.065	0.988	0.823	0.934	1.102	0.954	1.096	0.652	0.912	0.923
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3975	0.1134	0.3336	0.3799	0.1597	0.1012	0.5000		
1970-72	OBS.	397	70	17	76	89	63	14	20	28	20
	EXP.	416.3	87.0	24.7	79.1	83.0	53.2	17.9	22.0	21.3	28.1
	CONF.LIMIT	1.018	0.942	0.958	1.118	1.233	1.399	1.126	1.229	1.694	0.961
	OBS./EXP.	0.954	0.804	0.690	0.961	1.072	1.184	0.783	0.908	1.315	0.711
	CONF.LIMIT	0.893	0.684	0.486	0.823	0.929	0.997	0.530	0.660	1.008	0.516
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3384	0.2671	0.0252	0.1694	0.2160	0.3674	0.1207		

DEATHS FROM ALL CAUSES
NAGASAKI, FEMALE, ALL AGES

TABLE 3-14

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	2457	461	59	377	741	425	111	104	96	83
	EXP.	2370.0	458.8	60.2	377.0	700.3	397.4	122.8	102.3	79.6	71.6
	CONF.LIMIT	1.064	1.068	1.164	1.069	1.110	1.139	1.024	1.157	1.379	1.340
	OBS./EXP.	1.037	1.005	0.980	1.000	1.058	1.069	0.904	1.017	1.206	1.159
	CONF.LIMIT	1.010	0.945	0.820	0.935	1.009	1.003	0.796	0.892	1.051	0.999
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4607	0.1955	0.2631	0.3082	0.0913	0.4474	0.0853		
1965-69	OBS.	567	117	14	81	169	91	32	22	22	19
	EXP.	549.5	104.3	14.0	88.3	165.6	92.2	28.1	22.3	19.0	15.7
	CONF.LIMIT	1.090	1.267	1.440	1.063	1.129	1.134	1.441	1.316	1.542	1.649
	OBS./EXP.	1.032	1.122	1.001	0.918	1.021	0.987	1.137	0.987	1.157	1.210
	CONF.LIMIT	0.977	0.991	0.678	0.790	0.921	0.857	0.888	0.729	0.854	0.871
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4085	0.2370	0.1493	0.5000	0.2438	0.5000	0.2614		
1970-72	OBS.	328	54	9	57	97	65	16	12	11	7
	EXP.	387.0	72.3	10.2	64.5	116.8	60.6	20.6	17.3	13.4	11.3
	CONF.LIMIT	0.911	0.894	1.393	1.053	0.949	1.265	1.092	1.028	1.237	1.044
	OBS./EXP.	0.847	0.746	0.882	0.883	0.830	1.073	0.778	0.693	0.819	0.621
	CONF.LIMIT	0.788	0.620	0.533	0.737	0.724	0.907	0.541	0.453	0.523	0.346
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3742	0.3840	0.2635	0.0640	0.4306	0.3076	0.5000		

TABLE 4 -1 DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1483	326	802	178	56	40	31	50
	EXP.	1514.3	360.2	777.9	200.3	54.3	41.0	38.4	42.2
	CONF.LIMIT	1.013	0.973	1.079	0.980	1.231	1.205	1.028	1.430
	OBS./EXP.	0.979	0.905	1.031	0.888	1.031	0.976	0.808	1.185
	CONF.LIMIT	0.947	0.841	0.985	0.804	0.858	0.784	0.629	0.976
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0255	0.0401	0.5000	0.0655	0.4069	0.1098	0.1421
1965-69	OBS.	330	82	172	40	12	10	7	7
	EXP.	343.7	85.8	173.9	45.4	12.0	9.0	8.4	9.2
	CONF.LIMIT	1.031	1.106	1.093	1.088	1.478	1.710	1.405	1.283
	OBS./EXP.	0.960	0.956	0.989	0.881	0.997	1.109	0.835	0.763
	CONF.LIMIT	0.893	0.823	0.894	0.708	0.651	0.691	0.466	0.425
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4296	0.2883	0.5000	0.3198	0.4077	0.4184	0.5000
1970-72	OBS.	186	38	91	28	8	4	7	10
	EXP.	205.4	51.4	103.8	27.0	7.2	5.4	5.0	5.6
	CONF.LIMIT	0.997	0.917	1.007	1.334	1.805	1.473	2.363	2.774
	OBS./EXP.	0.905	0.739	0.877	1.035	1.111	0.737	1.405	1.800
	CONF.LIMIT	0.821	0.590	0.761	0.794	0.648	0.323	0.783	1.121
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2166	0.2487	0.3090	0.2013	0.4872	0.1630	0.3228

TABLE 4 -2 DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	191	42	108	22	9	2	5	3
	EXP.	222.1	53.4	116.4	32.8	7.4	4.5	4.2	3.3
	CONF.LIMIT	0.946	0.966	1.053	0.894	1.915	1.177	2.205	2.049
	OBS./EXP.	0.860	0.786	0.928	0.671	1.213	0.443	1.188	0.920
	CONF.LIMIT	0.781	0.635	0.815	0.495	0.733	0.118	0.580	0.339
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2085	0.1027	0.2620	0.2126	0.2168	0.3597	0.4452
1965-69	OBS.	35	9	20	4	1	0	0	1
	EXP.	56.7	13.8	29.6	8.4	1.9	1.1	1.1	0.8
	CONF.LIMIT	0.774	1.029	0.913	0.955	2.044	2.058	2.174	4.875
	OBS./EXP.	0.618	0.652	0.675	0.478	0.528	0.000	0.000	1.259
	CONF.LIMIT	0.488	0.394	0.490	0.209	0.052	0.000	0.000	0.124
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3647	0.5000	0.3466	0.4769	0.4958	0.2425
1970-72	OBS.	25	0	16	6	1	0	1	1
	EXP.	31.5	7.7	16.5	4.7	1.1	0.6	0.6	0.4
	CONF.LIMIT	1.038	0.300	1.363	2.262	3.678	3.692	6.601	8.827
	OBS./EXP.	0.793	0.000	0.971	1.288	0.950	0.000	1.705	2.280
	CONF.LIMIT	0.598	0.000	0.676	0.678	0.093	0.000	0.167	0.224
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0022	0.3531	0.5000	0.3775	0.5000	0.4482	0.5000

DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 4 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	320	65	190	25	12	10	6	12
	EXP.	305.2	73.8	156.2	32.6	9.7	10.0	10.7	12.1
	CONF.LIMIT	1.128	1.037	1.337	1.004	1.825	1.541	0.985	1.475
	OBS./EXP.	1.049	0.880	1.216	0.767	1.231	1.000	0.561	0.995
	CONF.LIMIT	0.974	0.743	1.104	0.578	0.804	0.623	0.295	0.650
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0145	0.0190	0.5000	0.0400	0.3401	0.0422	0.0526
1965-69	OBS.	54	9	31	4	4	4	2	0
	EXP.	54.8	13.9	27.6	5.7	1.7	1.8	1.9	2.1
	CONF.LIMIT	1.180	1.023	1.427	1.396	4.636	4.489	2.792	1.080
	OBS./EXP.	0.985	0.648	1.121	0.698	2.318	2.245	1.049	0.000
	CONF.LIMIT	0.818	0.391	0.872	0.306	1.015	0.983	0.280	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0999	0.2586	0.1477	0.5000	0.1596	0.5000	0.2653
1970-72	OBS.	34	11	17	5	0	0	0	1
	EXP.	33.1	8.4	16.7	3.5	1.0	1.1	1.2	1.3
	CONF.LIMIT	1.290	1.976	1.415	2.679	2.193	2.127	1.994	2.980
	OBS./EXP.	1.026	1.309	1.019	1.443	0.000	0.000	0.000	0.770
	CONF.LIMIT	0.808	0.836	0.718	0.704	0.000	0.000	0.000	0.076
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3186	0.3237	0.3549	0.5000	0.3439	0.3211	0.1181

DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 4 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	178	38	86	29	3	6	5	11
	EXP.	219.0	56.5	106.9	26.4	7.3	6.2	6.9	8.7
	CONF.LIMIT	0.897	0.835	0.928	1.408	0.916	1.690	1.345	1.904
	OBS./EXP.	0.813	0.672	0.805	1.097	0.411	0.962	0.725	1.261
	CONF.LIMIT	0.736	0.537	0.696	0.846	0.152	0.506	0.354	0.806
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2057	0.0874	0.1881	0.2396	0.3972	0.5000	0.4985
1965-69	OBS.	45	8	24	8	1	0	2	2
	EXP.	51.8	13.7	25.1	6.2	1.7	1.5	1.6	2.0
	CONF.LIMIT	1.059	0.949	1.259	2.085	2.285	1.581	3.292	2.639
	OBS./EXP.	0.869	0.584	0.956	1.283	0.590	0.000	1.237	0.992
	CONF.LIMIT	0.707	0.340	0.716	0.748	0.058	0.000	0.330	0.265
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1545	0.2929	0.5000	0.3937	0.2585	0.4723	0.4496
1970-72	OBS.	26	4	10	6	2	0	2	2
	EXP.	34.4	9.1	16.7	4.2	1.1	1.0	1.1	1.3
	CONF.LIMIT	0.983	0.881	0.923	2.537	4.703	2.384	5.003	4.022
	OBS./EXP.	0.755	0.441	0.599	1.444	1.768	0.000	1.880	1.512
	CONF.LIMIT	0.573	0.193	0.373	0.760	0.472	0.000	0.502	0.403
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4161	0.0803	0.1744	0.0462	0.5000	0.1590	0.3790

TABLE 4 -5 DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	405	85	212	57	18	11	9	13
	EXP.	409.0	98.1	205.7	55.9	15.6	12.2	10.3	11.2
	CONF.LIMIT	1.056	1.000	1.127	1.215	1.590	1.364	1.383	1.696
	OBS./EXP.	0.990	0.866	1.030	1.019	1.156	0.903	0.876	1.162
	CONF.LIMIT	0.928	0.748	0.941	0.851	0.823	0.577	0.529	0.774
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0996	0.5000	0.3537	0.4696	0.4064	0.3928	0.3145
1965-69	OBS.	102	28	52	12	2	3	1	4
	EXP.	104.4	26.3	51.8	14.1	3.9	3.1	2.5	2.8
	CONF.LIMIT	1.113	1.374	1.206	1.261	1.377	2.188	1.542	2.883
	OBS./EXP.	0.977	1.066	1.003	0.851	0.518	0.982	0.398	1.442
	CONF.LIMIT	0.855	0.818	0.830	0.556	0.138	0.362	0.039	0.631
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4389	0.3694	0.2673	0.2488	0.5000	0.2907	0.3567
1970-72	OBS.	60	10	27	8	4	4	4	3
	EXP.	67.9	16.9	33.9	9.3	2.5	2.0	1.6	1.7
	CONF.LIMIT	1.049	0.910	1.033	1.393	3.207	4.075	5.129	3.832
	OBS./EXP.	0.884	0.590	0.798	0.857	1.604	2.038	2.565	1.720
	CONF.LIMIT	0.741	0.368	0.608	0.500	0.702	0.892	1.123	0.635
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2672	0.4948	0.1604	0.2937	0.0874	0.0459	0.0144

TABLE 4 -6 DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	389	96	206	45	14	11	6	11
	EXP.	359.1	78.3	192.6	52.6	14.3	8.0	6.3	7.0
	CONF.LIMIT	1.157	1.402	1.172	1.043	1.408	2.063	1.678	2.380
	OBS./EXP.	1.083	1.226	1.070	0.856	0.979	1.367	0.955	1.577
	CONF.LIMIT	1.013	1.068	0.975	0.697	0.662	0.873	0.503	1.007
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1470	0.1023	0.4403	0.1098	0.2500	0.4939	0.3755
1965-69	OBS.	94	28	45	12	4	3	2	0
	EXP.	76.0	18.1	39.7	11.0	2.9	1.6	1.3	1.5
	CONF.LIMIT	1.416	1.993	1.381	1.621	2.802	4.163	4.125	1.573
	OBS./EXP.	1.236	1.546	1.132	1.094	1.402	1.868	1.550	0.000
	CONF.LIMIT	1.076	1.186	0.922	0.714	0.614	0.690	0.414	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1172	0.5000	0.4181	0.5000	0.2858	0.4372	0.2509
1970-72	OBS.	41	13	21	3	1	0	0	3
	EXP.	38.5	9.3	20.1	5.4	1.5	0.8	0.6	0.8
	CONF.LIMIT	1.312	2.030	1.405	1.229	2.627	2.887	3.711	8.899
	OBS./EXP.	1.065	1.391	1.047	0.552	0.679	0.000	0.000	3.994
	CONF.LIMIT	0.858	0.926	0.767	0.204	0.067	0.000	0.000	1.474
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2587	0.2153	0.5000	0.1939	0.4414	0.5000	0.2387

DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 4 -7

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	950	200	543	105	29	25	18	30
	EXP.	970.9	234.4	495.4	122.3	33.7	27.7	26.8	30.6
	CONF.LIMIT	1.020	0.936	1.159	0.976	1.102	1.180	0.924	1.254
	OBS./EXP.	0.978	0.853	1.096	0.858	0.859	0.902	0.672	0.982
	CONF.LIMIT	0.938	0.777	1.036	0.753	0.662	0.680	0.479	0.760
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0014	0.0125	0.1211	0.0064	0.2025	0.0261	0.0228
1965-69	OBS.	207	47	117	21	8	6	3	5
	EXP.	216.4	55.0	108.2	27.2	7.4	6.1	5.8	6.8
	CONF.LIMIT	1.048	1.038	1.221	1.037	1.768	1.735	1.152	1.367
	OBS./EXP.	0.957	0.855	1.081	0.772	1.088	0.988	0.517	0.736
	CONF.LIMIT	0.872	0.700	0.955	0.566	0.634	0.520	0.191	0.359
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1021	0.0971	0.5000	0.1337	0.5000	0.1540	0.1996
1970-72	OBS.	93	18	43	15	5	2	4	6
	EXP.	124.5	32.0	62.0	15.5	4.2	3.5	3.4	4.1
	CONF.LIMIT	0.856	0.775	0.850	1.373	2.226	1.522	2.377	2.597
	OBS./EXP.	0.747	0.563	0.694	0.967	1.199	0.572	1.189	1.479
	CONF.LIMIT	0.649	0.401	0.562	0.664	0.585	0.153	0.520	0.778
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2757	0.1636	0.1836	0.0976	0.5000	0.2223	0.3626

DEATHS FROM TRAUMA
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 4 -8

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	533	126	259	73	27	15	13	20
	EXP.	543.4	125.9	282.5	78.0	20.6	13.3	11.6	11.6
	CONF.LIMIT	1.038	1.125	0.994	1.093	1.697	1.605	1.641	2.323
	OBS./EXP.	0.981	1.001	0.917	0.936	1.311	1.131	1.125	1.717
	CONF.LIMIT	0.927	0.888	0.845	0.799	1.000	0.777	0.748	1.248
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2238	0.4597	0.0452	0.2098	0.2455	0.2703	0.1673
1965-69	OBS.	123	35	55	19	4	4	4	2
	EXP.	127.3	30.8	65.7	18.2	4.7	2.9	2.6	2.4
	CONF.LIMIT	1.088	1.424	1.001	1.422	1.709	2.721	3.099	2.230
	OBS./EXP.	0.966	1.136	0.837	1.043	0.855	1.361	1.550	0.838
	CONF.LIMIT	0.856	0.898	0.696	0.751	0.374	0.596	0.678	0.224
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0936	0.2379	0.5000	0.2655	0.2459	0.1836	0.1129
1970-72	OBS.	93	20	48	13	3	2	3	4
	EXP.	80.9	19.5	41.8	11.5	3.0	1.9	1.6	1.5
	CONF.LIMIT	1.318	1.389	1.391	1.644	2.205	2.755	4.132	5.337
	OBS./EXP.	1.149	1.027	1.148	1.127	0.990	1.035	1.854	2.669
	CONF.LIMIT	1.000	0.746	0.941	0.750	0.365	0.276	0.685	1.168
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3929	0.5000	0.5000	0.5000	0.5000	0.2955	0.4008

TABLE 4 -9 DEATHS FROM TRAUMA
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1146	248	639	131	46	29	19	34
	EXP.	1152.3	272.9	625.2	150.4	37.3	23.8	20.6	22.0
	CONF.LIMIT	1.033	0.987	1.076	0.977	1.500	1.562	1.258	1.944
	OBS./EXP.	0.995	0.909	1.022	0.871	1.233	1.217	0.923	1.545
	CONF.LIMIT	0.957	0.836	0.971	0.775	1.006	0.938	0.664	1.217
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0629	0.0529	0.1207	0.1832	0.1976	0.3844	0.3752
1965-69	OBS.	245	62	130	31	7	6	5	4
	EXP.	265.0	66.7	140.7	34.4	8.4	5.3	4.5	4.9
	CONF.LIMIT	1.005	1.099	1.037	1.146	1.404	1.976	2.042	1.630
	OBS./EXP.	0.924	0.929	0.924	0.901	0.835	1.125	1.100	0.815
	CONF.LIMIT	0.850	0.781	0.822	0.701	0.465	0.592	0.537	0.357
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4965	0.4913	0.4564	0.3781	0.4157	0.3176
1970-72	OBS.	133	28	68	15	8	3	2	9
	EXP.	158.6	40.0	84.0	20.7	5.0	3.1	2.7	3.0
	CONF.LIMIT	0.940	0.902	0.950	1.029	2.585	2.125	1.976	4.751
	OBS./EXP.	0.839	0.700	0.809	0.725	1.591	0.954	0.743	3.009
	CONF.LIMIT	0.747	0.536	0.686	0.498	0.927	0.352	0.198	1.818
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2991	0.4124	0.0647	0.3778	0.4746	0.5000	0.5000

TABLE 4-10 DEATHS FROM TRAUMA
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	337	78	163	47	10	11	12	16
	EXP.	362.1	87.3	152.7	49.9	17.0	17.2	17.8	20.2
	CONF.LIMIT	0.999	1.037	1.183	1.144	0.905	0.968	1.001	1.112
	OBS./EXP.	0.931	0.893	1.068	0.942	0.587	0.641	0.675	0.792
	CONF.LIMIT	0.866	0.766	0.962	0.771	0.366	0.410	0.441	0.551
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1103	0.2537	0.0444	0.0825	0.0674	0.0825	0.0189
1965-69	OBS.	85	20	42	9	5	4	2	3
	EXP.	78.7	19.0	33.2	11.0	3.6	3.7	3.8	4.3
	CONF.LIMIT	1.246	1.421	1.553	1.293	2.546	2.172	1.387	1.566
	OBS./EXP.	1.080	1.051	1.264	0.819	1.372	1.086	0.521	0.703
	CONF.LIMIT	0.933	0.763	1.021	0.495	0.669	0.476	0.139	0.259
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2953	0.1582	0.5000	0.2290	0.5000	0.1527	0.2012
1970-72	OBS.	53	10	23	13	0	1	5	1
	EXP.	46.8	11.4	19.8	6.4	2.2	2.3	2.3	2.6
	CONF.LIMIT	1.358	1.350	1.541	2.986	1.059	1.696	4.053	1.509
	OBS./EXP.	1.132	0.876	1.164	2.047	0.000	0.438	2.184	0.390
	CONF.LIMIT	0.938	0.546	0.866	1.362	0.000	0.043	1.065	0.038
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2894	0.0683	0.0909	0.2660	0.2737	0.1593	0.4702

DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 5 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	22202	3871	962	7389	4230	3137	876	597	572	568
	EXP.	24680.7	4374.0	1276.7	8329.9	4599.3	3522.4	945.8	603.2	496.1	533.2
	CONF.LIMIT	0.907	0.904	0.786	0.900	0.938	0.911	0.968	1.044	1.217	1.125
	OBS./EXP.	0.900	0.885	0.753	0.887	0.920	0.891	0.926	0.990	1.153	1.065
	CONF.LIMIT	0.892	0.867	0.723	0.874	0.902	0.870	0.886	0.938	1.092	1.008
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0000	0.0310	0.0020	0.3313	0.1984	0.0112	0.0000		
1965-69	OBS.	5438	1036	250	1744	1016	767	228	134	151	112
	EXP.	6010.6	1122.7	344.4	1993.4	1083.1	842.9	221.2	147.1	122.7	133.0
	CONF.LIMIT	0.921	0.961	0.788	0.902	0.977	0.954	1.124	1.020	1.369	0.953
	OBS./EXP.	0.905	0.923	0.726	0.875	0.938	0.910	1.031	0.911	1.230	0.842
	CONF.LIMIT	0.889	0.886	0.668	0.848	0.901	0.868	0.944	0.812	1.104	0.742
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0004	0.0402	0.2519	0.3702	0.0233	0.4433	0.0001		
1970-72	OBS.	3202	573	192	1094	552	446	118	88	81	58
	EXP.	4019.6	749.1	242.1	1333.5	715.1	555.3	148.1	100.5	82.8	93.2
	CONF.LIMIT	0.815	0.808	0.872	0.853	0.816	0.854	0.899	1.008	1.133	0.741
	OBS./EXP.	0.797	0.765	0.793	0.820	0.772	0.803	0.797	0.875	0.978	0.622
	CONF.LIMIT	0.779	0.724	0.721	0.789	0.730	0.755	0.704	0.758	0.842	0.520
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3447	0.1276	0.1854	0.5000	0.4897	0.2287	0.0455		

DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 5 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	291	66	0	81	52	42	11	13	20	6
	EXP.	331.6	71.0	6.2	109.0	67.0	48.9	11.3	6.9	6.4	5.1
	CONF.LIMIT	0.947	1.094	0.373	0.861	0.934	1.055	1.475	2.730	4.240	2.087
	OBS./EXP.	0.877	0.930	0.000	0.743	0.776	0.859	0.977	1.872	3.135	1.188
	CONF.LIMIT	0.812	0.786	0.000	0.640	0.642	0.694	0.624	1.246	2.277	0.625
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0041	0.4350	0.2252	0.2582	0.2429	0.0010	0.0000		
1965-69	OBS.	74	23	0	20	12	7	2	3	4	3
	EXP.	69.6	15.6	1.3	22.5	13.8	10.1	2.3	1.4	1.3	1.1
	CONF.LIMIT	1.240	1.947	1.704	1.201	1.287	1.164	2.287	4.640	6.145	6.340
	OBS./EXP.	1.064	1.470	0.000	0.888	0.868	0.692	0.859	2.083	3.073	2.846
	CONF.LIMIT	0.909	1.094	0.000	0.645	0.567	0.386	0.229	0.769	1.346	1.050
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1490	0.5000	0.0724	0.3641	0.5000	0.1478	0.0349		
1970-72	OBS.	41	11	0	12	10	5	1	1	1	0
	EXP.	53.9	12.1	1.1	17.5	10.7	7.8	1.8	1.1	1.0	0.8
	CONF.LIMIT	0.937	1.373	2.175	1.019	1.437	1.183	2.148	3.483	3.888	2.808
	OBS./EXP.	0.761	0.910	0.000	0.687	0.933	0.638	0.555	0.900	1.004	0.000
	CONF.LIMIT	0.613	0.581	0.000	0.449	0.581	0.311	0.055	0.088	0.099	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3977	0.3036	0.4907	0.4477	0.5000	0.5000	0.5000		

TABLE 5 -3 DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	910	158	38	261	198	107	21	34	50	43
	EXP.	844.1	165.3	35.5	253.8	166.5	93.2	27.9	29.2	30.4	42.2
	CONF.LIMIT	1.125	1.061	1.329	1.115	1.305	1.304	1.010	1.465	1.984	1.250
	OBS./EXP.	1.078	0.956	1.070	1.028	1.189	1.148	0.752	1.165	1.644	1.020
	CONF.LIMIT	1.033	0.860	0.854	0.948	1.082	1.008	0.551	0.917	1.354	0.826
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2907	0.0667	0.1017	0.3354	0.0597	0.3827	0.0034		
1965-69	OBS.	205	42	10	47	43	32	5	6	11	9
	EXP.	178.1	36.8	8.3	52.4	34.7	19.1	5.8	6.0	6.3	8.5
	CONF.LIMIT	1.261	1.400	1.854	1.089	1.517	2.122	1.610	1.746	2.616	1.666
	OBS./EXP.	1.151	1.140	1.203	0.897	1.238	1.674	0.868	0.994	1.733	1.055
	CONF.LIMIT	1.049	0.921	0.749	0.734	1.003	1.308	0.423	0.523	1.107	0.638
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4951	0.0759	0.2923	0.0113	0.4584	0.5000	0.0671		
1970-72	OBS.	156	28	9	44	38	14	5	4	10	4
	EXP.	143.5	29.6	6.7	42.3	28.0	15.4	4.6	4.9	5.1	6.9
	CONF.LIMIT	1.207	1.219	2.114	1.272	1.683	1.308	2.003	1.641	3.036	1.159
	OBS./EXP.	1.087	0.946	1.339	1.040	1.355	0.910	1.079	0.821	1.970	0.580
	CONF.LIMIT	0.977	0.725	0.809	0.845	1.082	0.616	0.526	0.359	1.227	0.254
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2284	0.1375	0.2824	0.2425	0.5000	0.3422	0.0756		

TABLE 5 -4 DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1790	339	55	539	357	227	71	59	68	75
	EXP.	1895.3	398.9	79.0	598.3	342.6	244.3	66.3	50.8	53.1	62.0
	CONF.LIMIT	0.974	0.912	0.833	0.953	1.117	1.013	1.254	1.379	1.502	1.409
	OBS./EXP.	0.944	0.850	0.696	0.901	1.042	0.929	1.072	1.161	1.279	1.210
	CONF.LIMIT	0.916	0.791	0.579	0.851	0.972	0.851	0.912	0.972	1.085	1.035
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0990	0.0176	0.0093	0.3866	0.1811	0.0773	0.0106		
1965-69	OBS.	478	102	12	150	88	53	23	13	18	19
	EXP.	487.2	106.0	21.4	152.5	86.5	62.1	16.6	12.9	13.5	15.7
	CONF.LIMIT	1.041	1.096	0.831	1.094	1.171	1.025	1.839	1.467	1.832	1.649
	OBS./EXP.	0.981	0.962	0.561	0.983	1.018	0.854	1.388	1.006	1.331	1.210
	CONF.LIMIT	0.924	0.842	0.366	0.882	0.881	0.708	1.033	0.669	0.949	0.871
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0509	0.4229	0.1893	0.1773	0.0750	0.5000	0.1367		
1970-72	OBS.	326	75	20	97	51	44	6	14	11	8
	EXP.	408.7	88.8	18.0	127.9	72.8	51.9	13.8	10.9	11.4	13.3
	CONF.LIMIT	0.857	0.984	1.503	0.867	0.843	1.037	0.766	1.852	1.462	0.981
	OBS./EXP.	0.798	0.844	1.111	0.758	0.700	0.848	0.436	1.288	0.969	0.603
	CONF.LIMIT	0.742	0.722	0.807	0.661	0.578	0.689	0.230	0.871	0.619	0.352
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1617	0.3561	0.0856	0.2279	0.1437	0.0290	0.2256		

DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 5 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	6768	1218	334	2210	1187	956	285	191	211	176
	EXP.	7714.1	1367.6	460.4	2539.6	1374.5	1087.8	295.5	222.0	185.3	181.5
	CONF.LIMIT	0.891	0.924	0.779	0.894	0.897	0.916	1.042	0.946	1.246	1.070
	OBS./EXP.	0.877	0.891	0.725	0.870	0.864	0.879	0.965	0.860	1.139	0.970
	CONF.LIMIT	0.864	0.858	0.675	0.847	0.832	0.843	0.892	0.782	1.040	0.877
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0005	0.4233	0.2417	0.3715	0.0454	0.4720	0.0001		
1965-69	OBS.	2006	400	114	633	363	258	89	50	60	39
	EXP.	2231.0	410.9	140.5	726.6	391.6	309.3	83.3	63.7	52.5	52.6
	CONF.LIMIT	0.925	1.039	0.918	0.917	0.993	0.905	1.229	0.947	1.355	0.918
	OBS./EXP.	0.899	0.973	0.811	0.871	0.927	0.834	1.068	0.785	1.142	0.742
	CONF.LIMIT	0.874	0.912	0.716	0.827	0.865	0.768	0.926	0.647	0.958	0.594
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0486	0.1807	0.2087	0.1847	0.0545	0.2166	0.0342		
1970-72	OBS.	1354	241	81	464	212	188	59	43	39	27
	EXP.	1762.9	323.3	110.6	576.5	309.9	246.9	65.2	49.8	39.5	41.3
	CONF.LIMIT	0.795	0.811	0.848	0.855	0.748	0.838	1.076	1.058	1.221	0.847
	OBS./EXP.	0.768	0.746	0.732	0.805	0.684	0.762	0.905	0.863	0.986	0.654
	CONF.LIMIT	0.741	0.685	0.630	0.757	0.625	0.691	0.758	0.699	0.790	0.499
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4737	0.0276	0.3575	0.5000	0.1129	0.2327	0.0668		

DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 5 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	12443	2090	535	4298	2436	1805	488	300	223	268
	EXP.	13895.5	2371.1	695.7	4829.2	2648.8	2048.2	544.9	294.3	220.9	242.5
	CONF.LIMIT	0.906	0.907	0.813	0.908	0.944	0.908	0.950	1.099	1.102	1.197
	OBS./EXP.	0.895	0.881	0.769	0.890	0.920	0.881	0.895	1.019	1.009	1.105
	CONF.LIMIT	0.885	0.857	0.727	0.873	0.896	0.855	0.844	0.945	0.924	1.019
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0026	0.1000	0.0142	0.2121	0.4645	0.0186	0.0492		
1965-69	OBS.	2675	469	114	894	510	417	109	62	58	42
	EXP.	3044.7	553.2	172.9	1039.4	556.5	442.4	113.2	63.0	49.0	55.1
	CONF.LIMIT	0.901	0.900	0.746	0.898	0.971	1.005	1.092	1.165	1.408	0.936
	OBS./EXP.	0.879	0.848	0.659	0.860	0.916	0.943	0.963	0.984	1.183	0.762
	CONF.LIMIT	0.857	0.798	0.582	0.823	0.865	0.884	0.846	0.828	0.989	0.616
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0092	0.1317	0.0337	0.1121	0.1927	0.2070	0.0151		
1970-72	OBS.	1325	218	82	477	241	195	47	26	20	19
	EXP.	1650.5	295.3	105.7	569.3	293.6	233.3	62.7	33.9	25.8	31.0
	CONF.LIMIT	0.832	0.807	0.898	0.889	0.893	0.918	0.910	0.999	1.048	0.837
	OBS./EXP.	0.803	0.738	0.776	0.838	0.821	0.836	0.750	0.768	0.775	0.614
	CONF.LIMIT	0.775	0.675	0.668	0.789	0.754	0.760	0.613	0.582	0.563	0.442
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3705	0.4146	0.0656	0.4916	0.2740	0.3909	0.4325		

TABLE 5 -7 DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	11240	1853	576	3723	2171	1475	421	333	326	362
	EXP.	11986.2	2019.0	729.2	3916.5	2252.6	1640.8	461.5	329.4	281.3	355.8
	CONF.LIMIT	0.949	0.946	0.834	0.971	0.991	0.930	0.972	1.086	1.246	1.089
	OBS./EXP.	0.938	0.918	0.790	0.951	0.964	0.899	0.912	1.011	1.159	1.017
	CONF.LIMIT	0.926	0.891	0.748	0.931	0.937	0.869	0.856	0.940	1.078	0.949
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0009	0.3096	0.0006	0.0189	0.1876	0.1635	0.0004		
1965-69	OBS.	2744	502	141	883	524	350	110	78	78	78
	EXP.	2909.0	529.8	195.3	921.5	523.7	387.0	108.6	82.5	69.2	91.5
	CONF.LIMIT	0.967	1.004	0.806	1.001	1.059	0.970	1.149	1.098	1.310	0.990
	OBS./EXP.	0.943	0.948	0.722	0.958	1.001	0.904	1.013	0.946	1.128	0.853
	CONF.LIMIT	0.920	0.894	0.645	0.917	0.945	0.843	0.892	0.811	0.968	0.731
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0025	0.2237	0.0263	0.1151	0.3567	0.4307	0.1108		
1970-72	OBS.	1565	282	113	506	287	194	54	44	46	39
	EXP.	1889.3	354.0	133.6	597.5	328.1	244.7	67.4	52.8	46.1	65.0
	CONF.LIMIT	0.856	0.861	0.957	0.897	0.945	0.871	0.960	1.019	1.214	0.743
	OBS./EXP.	0.828	0.797	0.846	0.847	0.875	0.793	0.801	0.834	0.997	0.600
	CONF.LIMIT	0.802	0.736	0.745	0.799	0.809	0.721	0.665	0.677	0.814	0.481
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3125	0.3417	0.1902	0.1781	0.3479	0.4699	0.1719		

TABLE 5 -8 DEATHS FROM ALL DISEASES
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	10962	2018	386	3666	2059	1662	455	264	246	206
	EXP.	12694.4	2354.9	547.6	4413.4	2346.7	1881.5	484.3	273.8	214.9	177.4
	CONF.LIMIT	0.874	0.882	0.753	0.849	0.903	0.912	0.999	1.045	1.244	1.272
	OBS./EXP.	0.864	0.857	0.705	0.831	0.877	0.883	0.940	0.964	1.145	1.161
	CONF.LIMIT	0.853	0.833	0.659	0.813	0.853	0.856	0.883	0.889	1.052	1.059
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0002	0.0241	0.1838	0.0667	0.0173	0.0207	0.0000		
1965-69	OBS.	2694	534	109	861	492	417	118	56	73	34
	EXP.	3101.6	592.9	149.1	1071.9	559.4	455.9	112.6	64.6	53.6	41.5
	CONF.LIMIT	0.890	0.953	0.829	0.839	0.933	0.975	1.182	1.035	1.591	1.030
	OBS./EXP.	0.869	0.901	0.731	0.803	0.879	0.915	1.048	0.867	1.363	0.819
	CONF.LIMIT	0.847	0.851	0.643	0.768	0.829	0.858	0.926	0.722	1.163	0.645
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0268	0.0571	0.1853	0.0422	0.0082	0.3922	0.0000		
1970-72	OBS.	1637	291	79	588	265	252	64	44	35	19
	EXP.	2130.3	395.1	108.4	735.9	387.0	310.6	80.7	47.8	36.7	28.2
	CONF.LIMIT	0.793	0.795	0.845	0.843	0.742	0.881	0.936	1.126	1.197	0.918
	OBS./EXP.	0.768	0.737	0.729	0.799	0.685	0.811	0.793	0.921	0.955	0.673
	CONF.LIMIT	0.744	0.682	0.626	0.757	0.631	0.747	0.669	0.748	0.755	0.485
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4954	0.0203	0.3093	0.1866	0.3861	0.1169	0.1036		

DEATHS FROM ALL DISEASES
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 5 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	17234	2949	787	6544	2907	2354	642	393	336	322
	EXP.	19991.6	3468.7	1085.7	7520.7	3391.1	2786.1	709.8	397.7	312.0	319.8
	CONF.LIMIT	0.871	0.871	0.759	0.884	0.878	0.868	0.952	1.055	1.156	1.083
	OBS./EXP.	0.862	0.850	0.725	0.870	0.857	0.845	0.904	0.988	1.077	1.007
	CONF.LIMIT	0.854	0.830	0.692	0.856	0.837	0.823	0.859	0.925	1.002	0.936
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0000	0.2554	0.0025	0.1440	0.1477	0.0055	0.0000		
1965-69	OBS.	4242	796	202	1549	711	587	162	90	95	50
	EXP.	4901.3	907.9	297.6	1798.5	801.6	672.1	168.2	98.2	76.2	80.9
	CONF.LIMIT	0.883	0.918	0.744	0.890	0.931	0.921	1.068	1.053	1.427	0.746
	OBS./EXP.	0.865	0.877	0.679	0.861	0.887	0.873	0.963	0.916	1.246	0.618
	CONF.LIMIT	0.848	0.837	0.618	0.833	0.845	0.828	0.867	0.795	1.085	0.509
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0006	0.2645	0.1035	0.4655	0.1090	0.3261	0.0003		
1970-72	OBS.	2530	458	167	972	378	331	88	57	47	32
	EXP.	3262.9	599.3	209.0	1198.3	526.5	447.8	111.8	63.5	50.3	56.3
	CONF.LIMIT	0.796	0.812	0.884	0.846	0.768	0.794	0.906	1.070	1.134	0.720
	OBS./EXP.	0.775	0.764	0.799	0.811	0.718	0.739	0.787	0.898	0.934	0.568
	CONF.LIMIT	0.756	0.719	0.721	0.778	0.671	0.688	0.682	0.749	0.764	0.444
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3246	0.0237	0.4110	0.1844	0.4951	0.1669	0.1283		

DEATHS FROM ALL DISEASES
HIROSHIMA, MALE, ALL AGES

TABLE 5-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	8611	1369	458	3233	1550	1103	295	230	180	193
	EXP.	9550.3	1548.9	595.6	3464.7	1712.4	1284.3	342.7	220.9	171.9	209.1
	CONF.LIMIT	0.914	0.915	0.817	0.955	0.935	0.893	0.929	1.135	1.155	1.014
	OBS./EXP.	0.902	0.884	0.769	0.933	0.905	0.859	0.861	1.041	1.047	0.923
	CONF.LIMIT	0.889	0.853	0.723	0.912	0.876	0.826	0.797	0.954	0.949	0.839
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0054	0.1668	0.0017	0.0151	0.1270	0.0404	0.0520		
1965-69	OBS.	2087	372	107	766	375	259	75	55	43	35
	EXP.	2323.8	414.3	161.9	810.7	400.5	304.4	82.4	54.8	40.7	54.1
	CONF.LIMIT	0.924	0.961	0.751	0.990	1.001	0.923	1.060	1.200	1.296	0.811
	OBS./EXP.	0.898	0.898	0.661	0.945	0.936	0.851	0.910	1.003	1.058	0.647
	CONF.LIMIT	0.873	0.839	0.580	0.901	0.875	0.784	0.778	0.834	0.857	0.512
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0030	0.4556	0.0117	0.0749	0.4139	0.3427	0.2455		
1970-72	OBS.	1199	217	97	436	203	140	40	25	21	20
	EXP.	1503.6	273.4	110.4	524.2	251.8	195.4	50.9	32.3	26.5	38.8
	CONF.LIMIT	0.828	0.867	1.005	0.885	0.884	0.800	0.970	1.012	1.065	0.697
	OBS./EXP.	0.797	0.794	0.879	0.832	0.806	0.716	0.786	0.774	0.794	0.516
	CONF.LIMIT	0.768	0.725	0.767	0.781	0.735	0.640	0.631	0.583	0.582	0.375
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2168	0.3748	0.4775	0.0747	0.4266	0.4297	0.4907		

TABLE 5-11 DEATHS FROM ALL DISEASES
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	8623	1580	329	3311	1357	1251	347	163	156	129
	EXP.	10441.3	1919.9	490.1	4056.0	1678.8	1501.8	367.2	176.7	140.1	110.7
	CONF.LIMIT	0.837	0.850	0.721	0.835	0.837	0.864	1.014	1.022	1.236	1.308
	OBS./EXP.	0.826	0.823	0.671	0.816	0.808	0.833	0.945	0.922	1.113	1.165
	CONF.LIMIT	0.814	0.797	0.624	0.798	0.780	0.803	0.881	0.831	1.001	1.036
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0004	0.3870	0.1616	0.2379	0.0038	0.0619	0.0001		
1965-69	OBS.	2155	424	95	783	336	328	87	35	52	15
	EXP.	2577.5	493.6	135.7	987.9	401.1	367.6	85.8	43.4	35.6	26.8
	CONF.LIMIT	0.860	0.915	0.801	0.830	0.899	0.959	1.169	1.011	1.758	0.795
	OBS./EXP.	0.836	0.859	0.700	0.793	0.838	0.892	1.014	0.806	1.462	0.560
	CONF.LIMIT	0.813	0.806	0.610	0.757	0.780	0.830	0.878	0.637	1.209	0.385
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0406	0.2057	0.3393	0.0549	0.0211	0.5000	0.0000		
1970-72	OBS.	1331	241	70	536	175	191	48	32	26	12
	EXP.	1759.3	325.9	98.6	674.1	274.8	252.4	60.9	31.2	23.9	17.5
	CONF.LIMIT	0.784	0.804	0.831	0.841	0.703	0.832	0.955	1.301	1.417	1.014
	OBS./EXP.	0.757	0.740	0.710	0.795	0.637	0.757	0.788	1.027	1.089	0.684
	CONF.LIMIT	0.730	0.679	0.603	0.751	0.576	0.687	0.646	0.802	0.826	0.447
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4111	0.0061	0.3843	0.4651	0.3873	0.0467	0.0360		

TABLE 5-12 DEATHS FROM ALL DISEASES
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	4968	922	175	845	1323	783	234	204	236	246
	EXP.	4689.1	905.2	191.0	809.2	1208.2	736.3	236.0	205.6	184.1	213.4
	CONF.LIMIT	1.079	1.063	1.011	1.092	1.135	1.114	1.080	1.087	1.395	1.253
	OBS./EXP.	1.059	1.019	0.916	1.044	1.095	1.063	0.992	0.992	1.282	1.153
	CONF.LIMIT	1.040	0.976	0.829	0.998	1.057	1.015	0.909	0.904	1.176	1.059
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1080	0.1455	0.0284	0.4098	0.1296	0.1483	0.0055		
1965-69	OBS.	1196	240	48	195	305	180	66	44	56	62
	EXP.	1109.3	214.8	46.8	194.9	281.5	170.9	53.0	48.8	46.5	52.1
	CONF.LIMIT	1.119	1.216	1.243	1.099	1.167	1.162	1.466	1.101	1.438	1.407
	OBS./EXP.	1.078	1.117	1.025	1.000	1.083	1.054	1.245	0.901	1.204	1.189
	CONF.LIMIT	1.038	1.026	0.841	0.910	1.005	0.954	1.053	0.732	1.003	1.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3262	0.2057	0.2697	0.4970	0.1046	0.1897	0.1779		
1970-72	OBS.	672	115	25	122	174	115	30	31	34	26
	EXP.	756.7	149.8	33.1	135.2	188.5	107.4	36.3	37.0	32.4	36.9
	CONF.LIMIT	0.934	0.868	0.989	1.016	1.019	1.210	1.056	1.064	1.318	0.918
	OBS./EXP.	0.888	0.768	0.756	0.902	0.923	1.070	0.827	0.837	1.048	0.705
	CONF.LIMIT	0.844	0.678	0.570	0.799	0.834	0.945	0.640	0.651	0.825	0.535
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.4492	0.0467	0.0826	0.3414	0.3613	0.2467		

DEATHS FROM ALL DISEASES
NAGASAKI, MALE, ALL AGES

TABLE 5-13

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	2629	484	118	490	621	372	126	103	146	169
	EXP.	2435.9	470.2	133.6	451.8	540.3	356.5	118.9	108.5	109.4	146.8
	CONF.LIMIT	1.107	1.092	0.997	1.150	1.211	1.116	1.192	1.081	1.487	1.274
	OBS./EXP.	1.079	1.029	0.883	1.085	1.149	1.043	1.060	0.949	1.334	1.151
	CONF.LIMIT	1.052	0.970	0.781	1.022	1.091	0.975	0.941	0.831	1.195	1.039
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0756	0.1763	0.0116	0.1253	0.2994	0.0608	0.0251		
1965-69	OBS.	657	130	34	117	149	91	35	23	35	43
	EXP.	585.2	115.5	33.5	110.8	123.1	82.6	26.1	27.6	28.5	37.4
	CONF.LIMIT	1.181	1.263	1.278	1.192	1.347	1.265	1.680	1.102	1.539	1.409
	OBS./EXP.	1.123	1.125	1.016	1.056	1.210	1.102	1.340	0.832	1.228	1.149
	CONF.LIMIT	1.067	1.001	0.800	0.933	1.085	0.957	1.059	0.619	0.971	0.931
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3379	0.1482	0.3930	0.4254	0.1990	0.0934	0.3591		
1970-72	OBS.	366	65	16	70	84	54	14	19	25	19
	EXP.	385.6	80.6	23.3	73.4	76.3	49.3	16.5	20.5	19.7	26.2
	CONF.LIMIT	1.016	0.951	0.965	1.117	1.272	1.313	1.219	1.267	1.664	0.989
	OBS./EXP.	0.949	0.807	0.688	0.954	1.101	1.096	0.848	0.929	1.272	0.725
	CONF.LIMIT	0.886	0.681	0.479	0.811	0.950	0.910	0.574	0.669	0.959	0.522
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3391	0.2101	0.0253	0.3703	0.2975	0.3921	0.1849		

DEATHS FROM ALL DISEASES
NAGASAKI, FEMALE, ALL AGES

TABLE 5-14

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	2339	438	57	355	702	411	108	101	90	77
	EXP.	2253.2	435.0	57.4	357.5	667.9	379.8	117.1	97.1	74.7	66.7
	CONF.LIMIT	1.066	1.071	1.184	1.064	1.104	1.154	1.046	1.186	1.384	1.343
	OBS./EXP.	1.038	1.007	0.993	0.993	1.051	1.082	0.922	1.041	1.204	1.155
	CONF.LIMIT	1.011	0.946	0.828	0.926	1.000	1.014	0.810	0.910	1.045	0.990
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4954	0.2021	0.3328	0.2082	0.1481	0.4790	0.0846		
1965-69	OBS.	539	110	14	78	156	89	31	21	21	19
	EXP.	524.1	99.2	13.4	84.1	158.4	88.3	26.9	21.2	18.0	14.7
	CONF.LIMIT	1.088	1.257	1.508	1.078	1.094	1.160	1.467	1.329	1.566	1.758
	OBS./EXP.	1.028	1.108	1.048	0.928	0.985	1.008	1.153	0.990	1.167	1.289
	CONF.LIMIT	0.972	0.975	0.709	0.796	0.885	0.874	0.897	0.725	0.855	0.928
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4912	0.3608	0.1275	0.3826	0.1958	0.4885	0.2278		
1970-72	OBS.	306	50	9	52	90	61	16	12	9	7
	EXP.	371.0	69.2	9.8	61.8	112.3	58.2	19.8	16.6	12.8	10.7
	CONF.LIMIT	0.889	0.872	1.450	1.011	0.921	1.243	1.136	1.072	1.112	1.104
	OBS./EXP.	0.825	0.723	0.919	0.841	0.802	1.049	0.809	0.723	0.704	0.656
	CONF.LIMIT	0.765	0.595	0.555	0.696	0.696	0.881	0.564	0.472	0.426	0.366
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3030	0.4221	0.3146	0.0573	0.5000	0.4131	0.4127		

TABLE 6 -1 DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4548	981	2280	649	190	140	180	128
	EXP.	4090.7	952.3	2107.8	575.3	157.8	107.6	92.0	97.9
	CONF.LIMIT	1.133	1.074	1.111	1.187	1.324	1.453	2.156	1.468
	OBS./EXP.	1.112	1.030	1.082	1.128	1.204	1.301	1.956	1.307
	CONF.LIMIT	1.091	0.988	1.053	1.072	1.094	1.162	1.771	1.161
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1040	0.1768	0.0816	0.0835	0.0184	0.0000	0.0000
1965-69	OBS.	1263	299	616	179	59	24	53	33
	EXP.	1085.9	269.0	547.0	148.4	40.0	28.7	25.1	27.6
	CONF.LIMIT	1.206	1.198	1.187	1.330	1.751	1.100	2.536	1.509
	OBS./EXP.	1.163	1.111	1.126	1.206	1.473	0.836	2.113	1.196
	CONF.LIMIT	1.121	1.030	1.068	1.092	1.233	0.626	1.751	0.938
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4412	0.2193	0.0273	0.0707	0.0936	0.0000	0.0261
1970-72	OBS.	743	181	369	97	28	28	27	13
	EXP.	699.4	175.1	350.2	94.5	25.5	18.8	16.3	18.9
	CONF.LIMIT	1.114	1.139	1.128	1.173	1.416	1.915	2.141	1.004
	OBS./EXP.	1.062	1.034	1.054	1.026	1.099	1.486	1.653	0.688
	CONF.LIMIT	1.013	0.936	0.984	0.895	0.843	1.139	1.261	0.458
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4354	0.4352	0.4427	0.4801	0.0463	0.0141	0.0036

TABLE 6 -2 DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	59	14	17	3	1	5	17	2
	EXP.	40.7	9.8	21.3	5.9	1.4	0.9	0.8	0.6
	CONF.LIMIT	1.724	2.046	1.108	1.131	2.830	10.899	30.751	8.524
	OBS./EXP.	1.451	1.423	0.798	0.508	0.731	5.872	22.141	3.204
	CONF.LIMIT	1.215	0.963	0.562	0.187	0.072	2.865	15.603	0.855
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0728	0.3404	0.5000	0.3495	0.0013	0.0000	0.0000
1965-69	OBS.	19	6	6	1	0	1	3	2
	EXP.	13.3	3.2	6.9	1.9	0.4	0.3	0.2	0.2
	CONF.LIMIT	1.950	3.245	1.520	2.014	5.163	13.866	26.794	26.018
	OBS./EXP.	1.430	1.847	0.865	0.520	0.000	3.582	12.026	9.779
	CONF.LIMIT	1.030	0.973	0.456	0.051	0.000	0.352	4.439	2.610
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1502	0.5000	0.5000	0.4336	0.2415	0.0030	0.0037
1970-72	OBS.	10	4	5	0	0	0	1	0
	EXP.	12.0	2.9	6.3	1.7	0.4	0.3	0.2	0.2
	CONF.LIMIT	1.286	2.736	1.481	1.329	5.721	9.181	17.372	12.331
	OBS./EXP.	0.835	1.368	0.798	0.000	0.000	0.000	4.487	0.000
	CONF.LIMIT	0.520	0.599	0.389	0.000	0.000	0.000	0.441	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3129	0.2953	0.5000	0.2310	0.5000	0.1892	0.3541

DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 6 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	171	48	68	20	5	7	16	7
	EXP.	141.9	35.6	69.0	15.5	4.6	4.8	5.0	7.4
	CONF.LIMIT	1.332	1.633	1.157	1.750	2.000	2.438	4.497	1.598
	OBS./EXP.	1.205	1.348	0.986	1.294	1.077	1.449	3.204	0.950
	CONF.LIMIT	1.089	1.105	0.836	0.940	0.526	0.808	2.231	0.529
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0573	0.1675	0.4907	0.1852	0.2190	0.0000	0.0002
1965-69	OBS.	63	21	23	9	2	1	5	2
	EXP.	48.9	12.4	23.7	5.3	1.6	1.7	1.7	2.5
	CONF.LIMIT	1.523	2.275	1.286	2.677	3.337	2.341	5.398	2.112
	OBS./EXP.	1.289	1.694	0.971	1.695	1.254	0.605	2.908	0.794
	CONF.LIMIT	1.086	1.242	0.722	1.024	0.335	0.059	1.419	0.212
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0421	0.1165	0.4736	0.1156	0.5000	0.0377	0.1446
1970-72	OBS.	52	15	23	4	2	2	4	2
	EXP.	43.6	11.0	21.2	4.7	1.4	1.5	1.5	2.3
	CONF.LIMIT	1.434	1.934	1.439	1.691	3.743	3.576	5.244	2.353
	OBS./EXP.	1.193	1.362	1.087	0.845	1.407	1.344	2.622	0.884
	CONF.LIMIT	0.986	0.936	0.809	0.370	0.375	0.359	1.148	0.236
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2984	0.4354	0.4727	0.5000	0.4956	0.1043	0.1446

DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 6 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	535	124	250	71	19	19	33	19
	EXP.	510.9	131.2	252.9	66.4	17.9	13.3	13.7	15.5
	CONF.LIMIT	1.108	1.064	1.074	1.251	1.448	1.945	3.041	1.671
	OBS./EXP.	1.047	0.945	0.989	1.069	1.062	1.426	2.409	1.225
	CONF.LIMIT	0.990	0.838	0.909	0.910	0.764	1.027	1.890	0.882
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3643	0.2992	0.4158	0.2835	0.0733	0.0000	0.0000
1965-69	OBS.	184	43	82	27	11	3	11	7
	EXP.	162.6	42.4	80.0	20.9	5.6	4.3	4.4	5.0
	CONF.LIMIT	1.246	1.243	1.187	1.669	2.955	1.570	3.775	2.335
	OBS./EXP.	1.131	1.014	1.026	1.289	1.958	0.704	2.501	1.388
	CONF.LIMIT	1.026	0.822	0.883	0.983	1.251	0.260	1.597	0.773
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.1741	0.0287	0.0530	0.3714	0.0091	0.0718
1970-72	OBS.	132	37	58	18	3	8	5	3
	EXP.	134.3	35.0	66.0	17.1	4.6	3.6	3.7	4.3
	CONF.LIMIT	1.102	1.316	1.046	1.445	1.459	3.661	2.521	1.559
	OBS./EXP.	0.983	1.057	0.879	1.051	0.655	2.253	1.358	0.700
	CONF.LIMIT	0.875	0.841	0.734	0.749	0.242	1.313	0.663	0.258
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2176	0.2916	0.4350	0.3944	0.0189	0.2392	0.0127

TABLE 6 -5 DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1939	444	944	294	86	52	71	48
	EXP.	1832.9	439.0	926.4	257.6	70.1	52.6	44.0	43.2
	CONF.LIMIT	1.089	1.076	1.063	1.231	1.413	1.189	1.888	1.347
	OBS./EXP.	1.058	1.011	1.019	1.141	1.226	0.989	1.614	1.111
	CONF.LIMIT	1.027	0.950	0.977	1.057	1.060	0.818	1.374	0.911
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4612	0.0474	0.0547	0.0178	0.4524	0.0001	0.0109
1965-69	OBS.	621	160	302	87	30	12	19	11
	EXP.	549.0	136.9	274.1	75.7	20.5	15.7	13.0	13.2
	CONF.LIMIT	1.192	1.296	1.188	1.325	1.872	1.134	1.999	1.256
	OBS./EXP.	1.131	1.169	1.102	1.150	1.466	0.765	1.466	0.832
	CONF.LIMIT	1.073	1.052	1.021	0.995	1.135	0.500	1.055	0.531
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2886	0.3819	0.0780	0.1930	0.1393	0.1318	0.5000
1970-72	OBS.	355	82	180	48	14	12	13	6
	EXP.	376.7	93.9	188.2	52.2	13.9	10.7	8.6	9.2
	CONF.LIMIT	1.010	1.011	1.055	1.115	1.450	1.656	2.208	1.140
	OBS./EXP.	0.942	0.874	0.957	0.920	1.009	1.117	1.513	0.649
	CONF.LIMIT	0.879	0.752	0.866	0.754	0.683	0.729	1.007	0.342
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2712	0.4420	0.4643	0.4821	0.3413	0.0683	0.0916

TABLE 6 -6 DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1844	351	1001	261	79	57	43	52
	EXP.	1564.4	336.7	838.2	229.9	63.7	36.0	28.6	31.2
	CONF.LIMIT	1.215	1.117	1.244	1.231	1.439	1.885	1.843	2.002
	OBS./EXP.	1.179	1.042	1.194	1.135	1.240	1.581	1.504	1.665
	CONF.LIMIT	1.144	0.972	1.146	1.046	1.065	1.320	1.219	1.377
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0154	0.2462	0.3903	0.3249	0.0219	0.0769	0.0074
1965-69	OBS.	376	69	203	55	16	7	15	11
	EXP.	312.1	74.1	162.4	44.6	11.9	6.8	5.8	6.6
	CONF.LIMIT	1.288	1.092	1.370	1.476	1.883	1.723	3.700	2.513
	OBS./EXP.	1.205	0.931	1.250	1.234	1.342	1.024	2.606	1.665
	CONF.LIMIT	1.126	0.791	1.139	1.026	0.934	0.571	1.790	1.063
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0203	0.5000	0.4297	0.5000	0.3853	0.0037	0.0799
1970-72	OBS.	194	43	103	27	9	6	4	2
	EXP.	132.9	32.3	68.6	18.7	5.2	2.8	2.3	2.9
	CONF.LIMIT	1.604	1.631	1.710	1.867	2.739	3.744	3.459	1.828
	OBS./EXP.	1.460	1.331	1.502	1.441	1.735	2.132	1.730	0.687
	CONF.LIMIT	1.328	1.078	1.315	1.099	1.048	1.122	0.757	0.183
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2861	0.4754	0.3883	0.5000	0.2602	0.4628	0.2545

DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 6 -7

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2354	521	1192	303	90	74	102	72
	EXP.	2050.6	486.8	1037.5	271.0	77.2	59.8	52.0	66.4
	CONF.LIMIT	1.179	1.133	1.193	1.205	1.340	1.444	2.235	1.267
	OBS./EXP.	1.148	1.070	1.149	1.118	1.166	1.238	1.962	1.084
	CONF.LIMIT	1.118	1.011	1.107	1.036	1.012	1.058	1.717	0.924
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0932	0.3494	0.4614	0.3925	0.2801	0.0000	0.0001
1965-69	OBS.	646	145	327	78	32	16	26	22
	EXP.	543.9	138.8	267.4	69.5	19.4	16.0	14.0	18.8
	CONF.LIMIT	1.250	1.165	1.314	1.304	2.094	1.405	2.410	1.561
	OBS./EXP.	1.188	1.044	1.223	1.123	1.652	1.001	1.852	1.171
	CONF.LIMIT	1.128	0.935	1.137	0.963	1.291	0.697	1.404	0.865
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0632	0.2725	0.0597	0.4734	0.2638	0.0247	0.2245
1970-72	OBS.	389	105	190	46	15	10	16	7
	EXP.	337.2	87.7	164.2	42.4	11.6	10.0	8.9	12.4
	CONF.LIMIT	1.232	1.362	1.272	1.319	1.831	1.536	2.537	0.949
	OBS./EXP.	1.153	1.197	1.157	1.084	1.290	0.997	1.808	0.564
	CONF.LIMIT	1.079	1.050	1.051	0.885	0.886	0.621	1.259	0.315
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4104	0.3815	0.3801	0.4655	0.3957	0.0529	0.2267

DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 6 -8

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2194	460	1088	346	100	66	78	56
	EXP.	2040.1	465.6	1070.3	304.2	80.6	47.9	40.0	31.5
	CONF.LIMIT	1.105	1.050	1.057	1.220	1.415	1.623	2.262	2.123
	OBS./EXP.	1.075	0.988	1.017	1.137	1.241	1.379	1.948	1.778
	CONF.LIMIT	1.046	0.929	0.977	1.060	1.085	1.166	1.671	1.481
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3158	0.0364	0.0307	0.0104	0.0091	0.0000	0.0000
1965-69	OBS.	617	154	289	101	27	8	27	11
	EXP.	541.9	130.2	279.6	78.9	20.7	12.7	11.0	8.8
	CONF.LIMIT	1.200	1.315	1.116	1.459	1.690	1.022	3.167	1.884
	OBS./EXP.	1.138	1.183	1.034	1.280	1.305	0.629	2.446	1.248
	CONF.LIMIT	1.080	1.062	0.957	1.120	0.996	0.367	1.865	0.797
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0956	0.0357	0.1394	0.0223	0.1121	0.0000	0.0278
1970-72	OBS.	354	76	179	51	13	18	11	6
	EXP.	362.1	87.4	186.0	52.1	13.8	8.8	7.5	6.5
	CONF.LIMIT	1.048	1.011	1.061	1.180	1.370	2.811	2.219	1.625
	OBS./EXP.	0.978	0.869	0.962	0.979	0.939	2.043	1.470	0.925
	CONF.LIMIT	0.912	0.744	0.871	0.808	0.625	1.456	0.939	0.487
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2517	0.4818	0.5000	0.5000	0.0014	0.1067	0.0012

TABLE 6 -9 DEATHS FROM ALL MALIGNANT NEOPLASMS
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3632	765	1900	518	145	101	119	84
	EXP.	3271.0	757.3	1756.8	454.2	117.8	71.3	55.8	58.0
	CONF.LIMIT	1.134	1.059	1.114	1.207	1.373	1.614	2.408	1.673
	OBS./EXP.	1.110	1.010	1.082	1.141	1.231	1.416	2.135	1.448
	CONF.LIMIT	1.087	0.964	1.050	1.077	1.102	1.239	1.888	1.250
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0583	0.1465	0.0703	0.0644	0.0046	0.0000	0.0000
1965-69	OBS.	991	233	504	140	42	19	37	16
	EXP.	868.4	216.7	454.4	117.6	29.7	18.8	14.8	16.4
	CONF.LIMIT	1.189	1.171	1.175	1.330	1.735	1.379	3.118	1.368
	OBS./EXP.	1.141	1.075	1.109	1.190	1.413	1.011	2.503	0.975
	CONF.LIMIT	1.095	0.986	1.046	1.063	1.141	0.728	1.993	0.679
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3631	0.2427	0.0741	0.1140	0.4012	0.0000	0.0021
1970-72	OBS.	578	146	294	80	20	15	16	7
	EXP.	556.6	140.2	289.8	75.3	18.8	12.0	9.3	11.2
	CONF.LIMIT	1.096	1.161	1.094	1.232	1.438	1.776	2.408	1.050
	OBS./EXP.	1.038	1.041	1.014	1.063	1.063	1.251	1.716	0.624
	CONF.LIMIT	0.983	0.932	0.939	0.914	0.772	0.859	1.195	0.348
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4153	0.3745	0.4521	0.3607	0.2442	0.0251	0.0329

TABLE 6-10 DEATHS FROM ALL MALIGNANT NEOPLASMS
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	916	216	380	131	45	39	61	44
	EXP.	819.7	195.1	351.0	121.1	40.0	36.3	36.3	39.9
	CONF.LIMIT	1.166	1.210	1.157	1.213	1.372	1.330	1.992	1.348
	OBS./EXP.	1.118	1.107	1.083	1.082	1.125	1.074	1.681	1.102
	CONF.LIMIT	1.070	1.012	1.012	0.963	0.916	0.860	1.412	0.895
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4108	0.5000	0.4266	0.4755	0.5000	0.0008	0.0178
1965-69	OBS.	272	66	112	39	17	5	16	17
	EXP.	217.5	52.3	92.7	30.8	10.3	9.9	10.3	11.2
	CONF.LIMIT	1.354	1.485	1.369	1.570	2.289	0.936	2.180	2.111
	OBS./EXP.	1.251	1.261	1.209	1.268	1.648	0.504	1.553	1.520
	CONF.LIMIT	1.155	1.067	1.065	1.016	1.161	0.246	1.081	1.071
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4193	0.4293	0.1384	0.2539	0.0379	0.2026	0.3080
1970-72	OBS.	165	35	75	17	8	13	11	6
	EXP.	142.7	34.9	60.4	19.3	6.7	6.9	7.0	7.7
	CONF.LIMIT	1.280	1.256	1.447	1.226	1.950	2.766	2.370	1.373
	OBS./EXP.	1.156	1.002	1.242	0.883	1.200	1.896	1.570	0.782
	CONF.LIMIT	1.042	0.792	1.062	0.622	0.699	1.262	1.003	0.411
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1726	0.1282	0.5000	0.1646	0.0988	0.2755	0.0935

DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 7 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	155	14	48	19	7	15	43	9
	EXP.	61.8	15.0	31.3	8.2	2.2	1.7	1.6	1.8
	CONF.LIMIT	2.785	1.339	1.858	3.158	5.277	12.622	32.933	7.999
	OBS./EXP.	2.507	0.931	1.534	2.316	3.137	8.890	26.876	5.066
	CONF.LIMIT	2.252	0.630	1.258	1.667	1.748	6.107	21.776	3.061
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0657	0.0792	0.0715	0.0287	0.0000	0.0000	0.0000
1965-69	OBS.	32	6	11	4	2	0	8	1
	EXP.	17.1	4.3	8.5	2.2	0.6	0.5	0.4	0.5
	CONF.LIMIT	2.373	2.452	1.944	3.577	8.792	4.949	29.495	7.776
	OBS./EXP.	1.873	1.396	1.288	1.789	3.304	0.000	18.150	2.009
	CONF.LIMIT	1.463	0.735	0.823	0.783	0.882	0.000	10.579	0.197
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3800	0.2111	0.2335	0.5000	0.0000	0.0002
1970-72	OBS.	13	3	6	0	0	2	1	1
	EXP.	10.2	2.6	5.1	1.3	0.4	0.3	0.3	0.3
	CONF.LIMIT	1.863	2.602	2.071	1.731	6.426	19.219	14.947	12.875
	OBS./EXP.	1.277	1.168	1.179	0.000	0.000	7.223	3.861	3.326
	CONF.LIMIT	0.850	0.431	0.621	0.000	0.000	1.928	0.379	0.327
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2485	0.5000	0.1794	0.0606	0.2936	0.0469

DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 7 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	26	0	7	3	1	4	11	0
	EXP.	9.7	2.3	5.1	1.4	0.3	0.2	0.2	0.1
	CONF.LIMIT	3.473	0.988	2.296	4.674	11.750	40.410	89.749	16.091
	OBS./EXP.	2.668	0.000	1.364	2.098	3.035	20.209	59.459	0.000
	CONF.LIMIT	2.024	0.000	0.761	0.774	0.298	8.848	37.982	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0729	0.3769	0.3922	0.3016	0.0005	0.0000	0.0000
1965-69	OBS.	4	0	2	1	0	0	1	0
	EXP.	2.4	0.6	1.3	0.4	0.1	0.0	0.0	0.0
	CONF.LIMIT	3.295	3.885	4.191	10.936	28.259	46.891	85.090	64.480
	OBS./EXP.	1.648	0.000	1.575	2.825	0.000	0.000	21.978	0.000
	CONF.LIMIT	0.721	0.000	0.420	0.277	0.000	0.000	2.159	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4651	0.5000	0.5000	0.5000	0.5000	0.1002	0.1938
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	1.6	0.4	0.8	0.2	0.1	0.0	0.0	0.0
	CONF.LIMIT	1.478	6.054	2.828	10.171	44.036	71.965	79.917	97.706
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 7 -3 DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	29	5	5	6	1	3	6	3
	EXP.	12.2	3.0	6.1	1.3	0.4	0.4	0.4	0.6
	CONF.LIMIT	3.060	3.099	1.533	7.902	9.799	16.566	25.037	12.046
	OBS./EXP.	2.386	1.670	0.826	4.499	2.531	7.435	14.256	5.406
	CONF.LIMIT	1.839	0.815	0.403	2.369	0.249	2.745	7.505	1.996
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2083	0.0069	0.3157	0.0072	0.0108	0.0000	0.0000
1965-69	OBS.	7	2	0	3	0	0	1	1
	EXP.	3.5	0.9	1.7	0.4	0.1	0.1	0.1	0.2
	CONF.LIMIT	3.354	6.008	1.327	17.440	20.325	19.927	31.997	24.198
	OBS./EXP.	1.993	2.258	0.000	7.827	0.000	0.000	8.264	6.250
	CONF.LIMIT	1.111	0.603	0.000	2.889	0.000	0.000	0.812	0.614
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1144	0.0059	X	0.0110	X	0.0653	0.1200
1970-72	OBS.	3	1	2	0	0	0	0	0
	EXP.	2.2	0.6	1.1	0.2	0.1	0.1	0.1	0.1
	CONF.LIMIT	3.054	7.026	4.914	9.585	32.426	32.244	31.455	23.183
	OBS./EXP.	1.371	1.815	1.847	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.506	0.178	0.493	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

TABLE 7 -4 DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	34	2	10	3	1	5	10	3
	EXP.	13.9	3.6	6.8	1.8	0.5	0.4	0.4	0.5
	CONF.LIMIT	3.085	1.496	2.260	3.796	7.878	24.938	39.272	14.218
	OBS./EXP.	2.453	0.562	1.466	1.704	2.035	13.437	25.481	6.381
	CONF.LIMIT	1.931	0.150	0.913	0.629	0.200	6.556	15.868	2.355
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1638	0.5000	0.5000	0.4726	0.0007	0.0000	0.0000
1965-69	OBS.	5	0	2	0	1	0	2	0
	EXP.	4.0	1.0	1.9	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.344	2.228	2.748	4.593	27.746	21.768	47.954	17.235
	OBS./EXP.	1.263	0.000	1.033	0.000	7.166	0.000	18.023	0.000
	CONF.LIMIT	0.616	0.000	0.276	0.000	0.704	0.000	4.811	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4254	0.5000	0.1884	0.5000	0.5000	0.0164	0.0529
1970-72	OBS.	7	1	3	0	0	2	1	0
	EXP.	2.6	0.7	1.3	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	4.499	5.681	5.205	6.916	24.943	76.955	53.675	26.788
	OBS./EXP.	2.674	1.467	2.336	0.000	0.000	28.923	13.864	0.000
	CONF.LIMIT	1.491	0.144	0.862	0.000	0.000	7.720	1.362	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.4243	0.0235	0.1964	0.0155

DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 7 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	42	4	19	4	2	1	10	2
	EXP.	19.6	4.8	9.9	2.7	0.8	0.6	0.5	0.5
	CONF.LIMIT	2.630	1.683	2.626	2.912	7.093	6.926	32.538	11.374
	OBS./EXP.	2.141	0.842	1.926	1.456	2.666	1.789	21.112	4.275
	CONF.LIMIT	1.730	0.368	1.386	0.638	0.712	0.176	13.148	1.141
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0968	0.4168	0.4429	0.5000	0.5000	0.0000	0.0001
1965-69	OBS.	12	3	6	0	1	0	2	0
	EXP.	5.8	1.5	2.9	0.8	0.2	0.2	0.1	0.1
	CONF.LIMIT	3.065	4.584	3.650	2.863	17.801	14.055	39.082	16.845
	OBS./EXP.	2.068	2.057	2.078	0.000	4.598	0.000	14.689	0.000
	CONF.LIMIT	1.350	0.759	1.094	0.000	0.452	0.000	3.921	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2293	0.3985	0.4175	0.5000	0.0474	0.1694
1970-72	OBS.	3	1	1	0	0	0	0	1
	EXP.	3.3	0.8	1.7	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.000	4.608	2.327	4.964	18.590	24.388	30.105	47.774
	OBS./EXP.	0.897	1.190	0.601	0.000	0.000	0.000	0.000	12.340
	CONF.LIMIT	0.331	0.117	0.059	0.000	0.000	0.000	0.000	1.212
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 7 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	24	3	7	3	2	2	6	1
	EXP.	6.5	1.4	3.4	0.9	0.3	0.2	0.1	0.1
	CONF.LIMIT	4.896	4.762	3.435	7.175	20.061	34.374	82.364	27.503
	OBS./EXP.	3.720	2.137	2.042	3.220	7.540	12.919	46.897	7.104
	CONF.LIMIT	2.786	0.789	1.138	1.189	2.013	3.448	24.690	0.698
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3638	0.1326	0.1763	0.0549	0.0000	0.0000
1965-69	OBS.	4	1	1	0	0	0	2	0
	EXP.	1.4	0.3	0.7	0.2	0.1	0.0	0.0	0.0
	CONF.LIMIT	5.782	11.723	5.419	11.825	42.831	74.194	196.145	71.406
	OBS./EXP.	2.892	3.028	1.400	0.000	0.000	0.000	73.719	0.000
	CONF.LIMIT	1.266	0.297	0.137	0.000	0.000	0.000	19.677	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.0039	0.0161
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.5	0.1	0.2	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	4.834	19.857	9.412	34.318	122.210	226.824	267.753	208.145
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 7 -7 DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	117	10	37	17	7	12	28	6
	EXP.	46.9	11.4	25.0	6.2	1.5	1.0	0.9	0.9
	CONF.LIMIT	2.817	1.349	1.845	3.823	7.669	17.986	42.393	11.103
	OBS./EXP.	2.494	0.875	1.481	2.752	4.558	12.134	32.896	6.322
	CONF.LIMIT	2.204	0.545	1.179	1.940	2.541	7.923	25.225	3.328
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0941	0.0221	0.0126	0.0028	0.0000	-0.0000	0.0000
1965-69	OBS.	22	4	7	4	2	0	5	0
	EXP.	13.0	3.3	6.8	1.7	0.4	0.3	0.2	0.3
	CONF.LIMIT	2.255	2.416	1.727	4.736	12.814	8.452	39.798	8.594
	OBS./EXP.	1.691	1.208	1.027	2.368	4.816	0.000	21.443	0.000
	CONF.LIMIT	1.249	0.529	0.572	1.037	1.285	0.000	10.462	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.1579	0.0907	0.0626	0.5000	0.0000	0.0008
1970-72	OBS.	10	2	4	0	0	2	1	1
	EXP.	7.7	2.0	4.1	1.0	0.2	0.2	0.1	0.2
	CONF.LIMIT	1.993	2.698	1.972	2.298	9.427	33.170	28.662	23.774
	OBS./EXP.	1.293	1.014	0.986	0.000	0.000	12.466	7.403	6.141
	CONF.LIMIT	0.805	0.271	0.432	0.000	0.000	3.328	0.727	0.603
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4138	0.5000	0.3427	0.0196	0.1511	0.0089

TABLE 7 -8 DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	15	0	4	3	1	3	4	0
	EXP.	7.0	1.7	3.9	1.0	0.2	0.1	0.1	0.1
	CONF.LIMIT	3.029	1.361	2.043	6.963	18.239	64.774	86.920	40.028
	OBS./EXP.	2.134	0.000	1.022	3.125	4.711	29.073	43.469	0.000
	CONF.LIMIT	1.466	0.000	0.447	1.154	0.463	10.731	19.032	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2380	0.1428	0.2320	0.0885	0.0005	0.0000	0.0000
1965-69	OBS.	3	0	1	1	0	0	1	0
	EXP.	1.8	0.4	1.0	0.2	0.1	0.0	0.0	0.0
	CONF.LIMIT	3.819	5.315	4.005	16.388	44.002	90.302	172.225	160.839
	OBS./EXP.	1.714	0.000	1.034	4.233	0.000	0.000	44.484	0.000
	CONF.LIMIT	0.633	0.000	0.102	0.416	0.000	0.000	4.370	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3542	0.5000	0.4069	0.5000	0.0449	0.0923
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	1.1	0.3	0.6	0.2	0.0	0.0	0.0	0.0
	CONF.LIMIT	2.060	8.329	3.726	15.293	69.465	137.807	163.352	246.781
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 10-19

TABLE 7 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	20	4	3	5	1	3	3	1
	EXP.	8.3	2.1	4.4	0.9	0.2	0.2	0.2	0.3
	CONF.LIMIT	3.266	3.843	1.504	10.028	17.969	37.602	36.947	14.971
	OBS./EXP.	2.415	1.922	0.675	5.403	4.641	16.877	16.583	3.867
	CONF.LIMIT	1.754	0.841	0.249	2.636	0.456	6.230	6.121	0.380
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1520	0.0054	0.1725	0.0034	0.0010	0.0011	0.0000
1965-69	OBS.	4	1	0	3	0	0	0	0
	EXP.	2.4	0.6	1.3	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	3.333	6.210	1.809	25.088	37.193	45.554	44.530	30.906
	OBS./EXP.	1.667	1.604	0.000	11.260	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.730	0.158	0.000	4.156	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3290	0.0052	X	0.0086	X	X	X
1970-72	OBS.	3	1	2	0	0	0	0	0
	EXP.	1.5	0.4	0.8	0.2	0.0	0.0	0.0	0.0
	CONF.LIMIT	4.458	9.950	6.680	13.903	59.570	73.553	73.671	48.780
	OBS./EXP.	2.001	2.570	2.511	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.739	0.252	0.670	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 20-34

TABLE 7-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	31	2	9	3	1	4	9	3
	EXP.	10.6	2.7	5.5	1.4	0.3	0.2	0.2	0.3
	CONF.LIMIT	3.707	1.962	2.569	4.901	11.287	37.004	66.537	25.934
	OBS./EXP.	2.914	0.737	1.627	2.200	2.915	18.506	42.137	11.640
	CONF.LIMIT	2.267	0.197	0.983	0.812	0.286	8.102	25.464	4.297
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2436	0.4337	0.4520	0.3681	0.0011	0.0000	0.0000
1965-69	OBS.	5	0	2	0	1	0	2	0
	EXP.	3.0	0.8	1.6	0.4	0.1	0.1	0.1	0.1
	CONF.LIMIT	3.046	2.898	3.383	5.934	39.729	37.319	88.425	31.408
	OBS./EXP.	1.641	0.000	1.272	0.000	10.262	0.000	33.234	0.000
	CONF.LIMIT	0.801	0.000	0.339	0.000	1.008	0.000	8.871	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4417	0.5000	0.1650	0.5000	0.5000	0.0078	0.0281
1970-72	OBS.	6	1	2	0	0	2	1	0
	EXP.	2.0	0.5	1.0	0.3	0.1	0.0	0.0	0.0
	CONF.LIMIT	5.220	7.373	5.094	8.934	35.949	131.263	97.892	48.309
	OBS./EXP.	2.972	1.904	1.915	0.000	0.000	49.334	25.284	0.000
	CONF.LIMIT	1.565	0.187	0.511	0.000	0.000	13.168	2.484	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.0080	0.1055	0.0032

TABLE 7-11 DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	31	2	15	3	2	1	7	1
	EXP.	15.7	3.8	8.2	2.2	0.6	0.4	0.3	0.3
	CONF.LIMIT	2.510	1.394	2.599	3.052	9.560	10.022	41.801	13.559
	OBS./EXP.	1.973	0.524	1.830	1.370	3.593	2.589	24.846	3.502
	CONF.LIMIT	1.535	0.140	1.257	0.506	0.959	0.254	13.849	0.344
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0577	0.4548	0.2950	0.5000	0.5000	0.0000	0.0002
1965-69	OBS.	8	2	4	0	1	0	1	0
	EXP.	4.7	1.2	2.4	0.6	0.2	0.1	0.1	0.1
	CONF.LIMIT	2.780	4.479	3.327	3.575	24.107	20.198	47.545	27.264
	OBS./EXP.	1.711	1.683	1.664	0.000	6.227	0.000	12.280	0.000
	CONF.LIMIT	0.997	0.449	0.728	0.000	0.612	0.000	1.206	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3873	0.2763	0.5000	0.5000	0.1534	0.3233
1970-72	OBS.	1	0	0	0	0	0	0	1
	EXP.	2.7	0.7	1.4	0.4	0.1	0.1	0.0	0.1
	CONF.LIMIT	1.433	3.355	1.656	6.170	24.668	35.061	51.385	75.250
	OBS./EXP.	0.370	0.000	0.000	0.000	0.000	0.000	0.000	19.436
	CONF.LIMIT	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.909
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 7-12 DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	20	2	6	3	2	1	5	1
	EXP.	5.2	1.1	2.9	0.7	0.2	0.1	0.1	0.1
	CONF.LIMIT	5.159	4.742	3.637	9.071	25.546	36.687	111.902	43.138
	OBS./EXP.	3.815	1.782	2.071	4.071	9.601	9.476	60.292	11.142
	CONF.LIMIT	2.771	0.476	1.090	1.503	2.563	0.931	29.416	1.095
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2691	0.0961	0.1083	0.2215	0.0000	0.0000
1965-69	OBS.	2	1	0	0	0	0	1	0
	EXP.	1.1	0.3	0.6	0.2	0.0	0.0	0.0	0.0
	CONF.LIMIT	4.691	14.221	3.806	14.798	53.340	111.326	221.996	107.829
	OBS./EXP.	1.763	3.673	0.000	0.000	0.000	0.000	57.339	0.000
	CONF.LIMIT	0.471	0.361	0.000	0.000	0.000	0.000	5.633	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3106	X	X	X	X	0.0281	0.0593
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	5.835	23.856	11.018	41.940	153.027	363.349	420.475	314.208
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 7-13

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	38	4	11	2	0	3	15	3
	EXP.	14.9	3.6	6.3	2.0	0.7	0.7	0.7	0.8
	CONF.LIMIT	3.162	2.214	2.630	2.626	3.305	9.571	28.444	8.077
	OBS./EXP.	2.547	1.107	1.742	0.987	0.000	4.296	20.033	3.625
	CONF.LIMIT	2.034	0.485	1.113	0.263	0.000	1.586	13.762	1.338
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3109	0.3541	0.3166	0.1996	0.1570	0.0000	0.0000
1965-69	OBS.	10	2	4	0	0	0	3	1
	EXP.	4.1	1.0	1.7	0.5	0.2	0.2	0.2	0.2
	CONF.LIMIT	3.780	5.385	4.646	4.206	12.105	11.939	32.200	16.816
	OBS./EXP.	2.453	2.024	2.324	0.000	0.000	0.000	14.452	4.343
	CONF.LIMIT	1.527	0.540	1.017	0.000	0.000	0.000	5.335	0.427
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3318	0.5000	0.2405	0.5000	0.0312	0.1290
1970-72	OBS.	3	1	2	0	0	0	0	0
	EXP.	2.4	0.6	1.0	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.729	6.495	5.152	7.010	20.186	19.749	18.557	16.685
	OBS./EXP.	1.225	1.678	1.936	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.452	0.165	0.517	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.4904	0.5000	0.5000	0.5000

DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 7-14

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	11	0	3	0	0	1	7	0
	EXP.	2.7	0.6	1.2	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	6.120	3.606	5.502	4.894	19.621	40.866	126.657	26.907
	OBS./EXP.	4.054	0.000	2.470	0.000	0.000	10.555	75.285	0.000
	CONF.LIMIT	2.590	0.000	0.912	0.000	0.000	1.037	41.962	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2819	0.3749	0.5000	0.3064	0.2595	0.0000	0.0000
1965-69	OBS.	1	0	1	0	0	0	0	0
	EXP.	0.7	0.2	0.3	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	5.716	14.436	12.775	19.525	78.984	97.540	99.913	107.628
	OBS./EXP.	1.476	0.000	3.300	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.145	0.000	0.324	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	5.235	22.162	11.704	30.371	120.293	150.622	156.463	161.744
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 7-15 DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72	OBS.	9	1	2	1	0	0	3	2
TOTAL	EXP.	3.9	0.9	1.6	0.4	0.2	0.2	0.2	0.3
	CONF.LIMIT	3.669	4.239	3.304	9.485	12.802	10.190	27.854	17.961
	OBS./EXP.	2.323	1.095	1.242	2.450	0.000	0.000	12.502	6.750
	CONF.LIMIT	1.404	0.108	0.331	0.241	0.000	0.000	4.615	1.802
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4922	0.5000	0.5000	0.5000	0.0178	0.0783
1965-69	OBS.	3	1	0	0	0	0	1	1
	EXP.	1.1	0.3	0.5	0.1	0.1	0.1	0.1	0.1
	CONF.LIMIT	6.011	14.766	4.981	19.685	44.817	35.423	55.827	45.240
	OBS./EXP.	2.698	3.814	0.000	0.000	0.000	0.000	14.420	11.685
	CONF.LIMIT	0.996	0.375	0.000	0.000	0.000	0.000	1.417	1.148
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3622	X	X	X	X	0.1306	0.2253
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.7	0.2	0.3	0.1	0.0	0.0	0.0	0.1
	CONF.LIMIT	3.338	14.203	8.034	30.860	71.163	57.414	54.893	44.180
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 7-16 DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72	OBS.	3	0	1	0	0	1	1	0
TOTAL	EXP.	3.2	0.8	1.3	0.4	0.1	0.2	0.2	0.2
	CONF.LIMIT	2.073	2.724	3.008	5.791	15.497	24.823	21.646	10.829
	OBS./EXP.	0.931	0.000	0.777	0.000	0.000	6.411	5.591	0.000
	CONF.LIMIT	0.343	0.000	0.076	0.000	0.000	0.630	0.549	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.2045	0.2292	0.1103
1965-69	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.9	0.2	0.4	0.1	0.0	0.0	0.1	0.1
	CONF.LIMIT	2.521	9.638	6.330	20.325	54.645	52.237	45.285	38.193
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X
1970-72	OBS.	1	0	1	0	0	0	0	0
	EXP.	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	6.467	14.712	16.163	30.618	81.474	80.391	70.595	60.131
	OBS./EXP.	1.670	0.000	4.175	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.164	0.000	0.410	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 7-17

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	11	2	4	1	0	0	3	1
	EXP.	3.9	0.9	1.7	0.6	0.2	0.2	0.2	0.2
	CONF.LIMIT	4.255	5.689	4.791	6.957	11.878	13.320	34.826	21.233
	OBS./EXP.	2.819	2.138	2.396	1.797	0.000	0.000	15.631	5.484
	CONF.LIMIT	1.801	0.571	1.049	0.177	0.000	0.000	5.770	0.539
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.0279	0.1142
1965-69	OBS.	4	1	2	0	0	0	1	0
	EXP.	1.1	0.3	0.5	0.2	0.1	0.0	0.1	0.1
	CONF.LIMIT	7.098	14.333	11.014	14.381	40.429	46.213	70.740	44.078
	OBS./EXP.	3.550	3.702	4.139	0.000	0.000	0.000	18.272	0.000
	CONF.LIMIT	1.554	0.364	1.105	0.000	0.000	0.000	1.795	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.4764	0.5000	0.2752	0.4442
1970-72	OBS.	2	1	1	0	0	0	0	0
	EXP.	0.6	0.2	0.3	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	8.309	25.038	14.086	25.403	75.459	80.111	72.693	77.729
	OBS./EXP.	3.123	6.467	3.638	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.834	0.635	0.357	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 7-18

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4	1	1	0	0	1	1	0
	EXP.	1.2	0.3	0.5	0.2	0.1	0.0	0.0	0.1
	CONF.LIMIT	6.612	13.754	7.289	11.811	40.386	78.564	86.017	45.080
	OBS./EXP.	3.307	3.553	1.883	0.000	0.000	20.292	22.217	0.000
	CONF.LIMIT	1.448	0.349	0.185	0.000	0.000	1.993	2.183	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.1626	0.1501	0.0613
1965-69	OBS.	2	0	1	0	0	0	1	0
	EXP.	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	CONF.LIMIT	21.388	39.642	35.126	58.869	217.391	222.437	399.547	211.397
	OBS./EXP.	8.039	0.000	9.073	0.000	0.000	0.000	103.199	0.000
	CONF.LIMIT	2.146	0.000	0.891	0.000	0.000	0.000	10.138	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.1551	0.2839
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	CONF.LIMIT	28.159	118.435	64.552	188.834	606.860	603.675	737.179	616.622
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 8 -1 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	4393	757	210	1434	798	630	183	125	137	119
	EXP.	4028.9	718.1	219.2	1335.8	740.6	567.0	155.5	105.9	90.4	96.1
	CONF.LIMIT	1.112	1.105	1.049	1.111	1.128	1.170	1.296	1.327	1.695	1.396
	OBS./EXP.	1.090	1.054	0.958	1.073	1.077	1.111	1.177	1.180	1.515	1.238
	CONF.LIMIT	1.069	1.005	0.874	1.037	1.029	1.055	1.067	1.047	1.351	1.095
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1191	0.4745	0.1482	0.2376	0.1256	0.1634	0.0001		
1965-69	OBS.	1231	234	59	392	213	175	57	24	45	32
	EXP.	1068.8	202.1	62.6	347.5	191.0	146.2	39.4	28.2	24.6	27.1
	CONF.LIMIT	1.195	1.261	1.119	1.205	1.220	1.322	1.723	1.118	2.227	1.496
	OBS./EXP.	1.152	1.158	0.942	1.128	1.115	1.197	1.445	0.850	1.826	1.181
	CONF.LIMIT	1.110	1.062	0.789	1.056	1.018	1.083	1.206	0.637	1.487	0.922
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0903	0.4645	0.4317	0.2402	0.0387	0.1099	0.0009		
1970-72	OBS.	730	134	44	235	128	97	28	26	26	12
	EXP.	689.2	132.4	40.1	222.7	122.4	93.2	25.1	18.6	16.1	18.6
	CONF.LIMIT	1.111	1.133	1.341	1.149	1.174	1.190	1.437	1.823	2.105	0.957
	OBS./EXP.	1.059	1.012	1.097	1.055	1.046	1.041	1.115	1.400	1.618	0.646
	CONF.LIMIT	1.009	0.901	0.891	0.968	0.929	0.908	0.855	1.062	1.227	0.421
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3473	0.4911	0.4354	0.4908	0.4111	0.0912	0.0201		

TABLE 8 -2 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	33	14	0	7	3	0	0	1	6	2
	EXP.	30.9	6.9	0.6	10.0	6.2	4.5	1.0	0.7	0.6	0.5
	CONF.LIMIT	1.347	2.907	3.919	1.177	1.083	0.514	2.215	5.924	18.081	11.056
	OBS./EXP.	1.067	2.021	0.000	0.699	0.486	0.000	0.000	1.530	10.295	4.155
	CONF.LIMIT	0.837	1.368	0.000	0.390	0.179	0.000	0.000	0.150	5.420	1.109
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3202	0.4300	0.0045	0.0869	0.5000	0.3532	0.0000		
1965-69	OBS.	15	6	0	3	1	0	0	1	2	2
	EXP.	10.9	2.4	0.2	3.5	2.2	1.6	0.4	0.2	0.2	0.2
	CONF.LIMIT	1.962	4.302	11.157	1.908	1.791	1.466	6.317	16.821	26.091	31.514
	OBS./EXP.	1.382	2.449	0.000	0.857	0.463	0.000	0.000	4.345	9.806	11.844
	CONF.LIMIT	0.949	1.290	0.000	0.316	0.045	0.000	0.000	0.427	2.617	3.161
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.0630	0.3761	0.5000	0.1806	0.0165		
1970-72	OBS.	10	4	0	3	2	0	0	0	1	0
	EXP.	10.4	2.3	0.2	3.4	2.1	1.5	0.3	0.2	0.2	0.2
	CONF.LIMIT	1.478	3.415	11.453	1.983	2.558	1.528	6.575	10.524	19.948	14.112
	OBS./EXP.	0.959	1.708	0.000	0.890	0.961	0.000	0.000	0.000	5.152	0.000
	CONF.LIMIT	0.597	0.748	0.000	0.329	0.257	0.000	0.000	0.000	0.506	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.3128	0.2955	0.5000	0.5000	0.1894		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 8 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	142	34	9	30	33	14	4	4	10	4
	EXP.	129.7	27.0	5.6	38.5	24.4	14.1	4.2	4.4	4.6	6.8
	CONF.LIMIT	1.222	1.585	2.521	0.996	1.704	1.426	1.884	1.807	3.370	1.174
	OBS./EXP.	1.095	1.260	1.597	0.780	1.350	0.991	0.942	0.904	2.187	0.587
	CONF.LIMIT	0.979	0.992	0.965	0.604	1.059	0.671	0.413	0.396	1.362	0.257
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3170	0.0186	0.0962	0.5000	0.5000	0.5000	0.0251		
1965-69	OBS.	56	15	4	12	11	6	2	1	4	1
	EXP.	45.4	9.5	2.0	13.4	8.5	4.9	1.5	1.5	1.6	2.4
	CONF.LIMIT	1.474	2.238	4.017	1.326	1.944	2.139	3.592	2.516	5.005	1.641
	OBS./EXP.	1.234	1.576	2.009	0.894	1.288	1.218	1.350	0.650	2.503	0.424
	CONF.LIMIT	1.028	1.083	0.880	0.584	0.823	0.641	0.360	0.064	1.096	0.042
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4227	0.2479	0.0909	0.4442	0.4748	0.5000	0.1070		
1970-72	OBS.	49	10	4	9	12	4	2	2	4	2
	EXP.	41.4	8.6	1.8	12.3	7.8	4.5	1.4	1.4	1.5	2.2
	CONF.LIMIT	1.431	1.783	4.404	1.160	2.273	1.781	3.939	3.756	5.508	2.461
	OBS./EXP.	1.183	1.157	2.202	0.734	1.534	0.891	1.481	1.412	2.754	0.925
	CONF.LIMIT	0.972	0.720	0.964	0.444	1.001	0.390	0.395	0.377	1.206	0.247
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2150	0.0705	0.2886	0.5000	0.4302	0.4533	0.0842		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 8 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	501	98	24	143	97	68	18	14	23	16
	EXP.	497.0	106.1	21.5	156.7	89.4	64.7	17.4	12.9	13.3	15.0
	CONF.LIMIT	1.068	1.055	1.470	1.019	1.240	1.235	1.423	1.555	2.289	1.493
	OBS./EXP.	1.008	0.923	1.117	0.913	1.085	1.052	1.034	1.081	1.729	1.064
	CONF.LIMIT	0.951	0.806	0.837	0.816	0.946	0.892	0.737	0.732	1.286	0.741
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2291	0.1048	0.4528	0.3111	0.4401	0.3919	0.0052		
1965-69	OBS.	179	37	6	51	29	27	10	3	9	7
	EXP.	158.7	34.4	7.0	49.8	28.3	20.4	5.5	4.2	4.3	4.9
	CONF.LIMIT	1.244	1.340	1.508	1.235	1.316	1.710	2.813	1.609	3.315	2.398
	OBS./EXP.	1.128	1.076	0.859	1.025	1.026	1.321	1.825	0.722	2.099	1.425
	CONF.LIMIT	1.022	0.857	0.452	0.846	0.791	1.007	1.137	0.267	1.268	0.794
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3954	0.5000	0.5000	0.1481	0.0557	0.3906	0.0424		
1970-72	OBS.	125	26	10	33	22	18	3	6	4	3
	EXP.	131.6	28.5	5.8	41.2	23.5	16.8	4.5	3.5	3.6	4.2
	CONF.LIMIT	1.068	1.186	2.659	1.011	1.247	1.474	1.489	3.026	2.216	1.591
	OBS./EXP.	0.950	0.911	1.725	0.801	0.935	1.071	0.668	1.723	1.108	0.714
	CONF.LIMIT	0.842	0.691	1.074	0.628	0.691	0.763	0.247	0.907	0.485	0.264
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0580	0.3311	0.1887	0.2300	0.4759	0.0905	0.3795		

TABLE 8 -5 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1897	341	99	598	327	290	84	51	61	46
	EXP.	1813.3	326.1	108.1	594.3	322.3	254.8	69.4	52.0	43.5	42.7
	CONF.LIMIT	1.078	1.122	1.045	1.061	1.090	1.228	1.398	1.181	1.661	1.310
	OBS./EXP.	1.046	1.046	0.916	1.006	1.015	1.138	1.210	0.980	1.402	1.077
	CONF.LIMIT	1.016	0.974	0.800	0.954	0.943	1.053	1.045	0.809	1.177	0.879
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1357	0.4640	0.4826	0.0395	0.0602	0.4560	0.0073		
1965-69	OBS.	609	124	33	191	105	87	29	12	17	11
	EXP.	543.2	101.4	34.1	176.1	95.1	74.9	20.3	15.5	12.8	13.1
	CONF.LIMIT	1.182	1.376	1.223	1.192	1.256	1.339	1.837	1.146	1.841	1.269
	OBS./EXP.	1.121	1.223	0.969	1.085	1.104	1.162	1.432	0.773	1.326	0.841
	CONF.LIMIT	1.063	1.084	0.760	0.985	0.969	1.006	1.104	0.505	0.934	0.537
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1392	0.4625	0.2864	0.3211	0.0931	0.1557	0.2464		
1970-72	OBS.	352	63	18	122	57	48	14	12	13	5
	EXP.	373.3	69.7	23.3	121.1	65.4	51.7	13.8	10.6	8.5	9.2
	CONF.LIMIT	1.011	1.068	1.062	1.135	1.039	1.125	1.463	1.671	2.227	1.013
	OBS./EXP.	0.943	0.904	0.772	1.008	0.871	0.928	1.018	1.127	1.527	0.546
	CONF.LIMIT	0.879	0.761	0.550	0.893	0.727	0.761	0.689	0.736	1.016	0.266
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3295	0.2056	0.2564	0.4558	0.4564	0.3346	0.0657		

TABLE 8 -6 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1820	270	78	656	338	258	77	55	37	51
	EXP.	1557.9	252.0	83.3	536.4	298.4	228.9	63.5	35.9	28.5	31.1
	CONF.LIMIT	1.204	1.160	1.087	1.286	1.216	1.222	1.411	1.833	1.620	1.976
	OBS./EXP.	1.168	1.072	0.936	1.223	1.133	1.127	1.214	1.533	1.300	1.640
	CONF.LIMIT	1.133	0.989	0.803	1.162	1.055	1.038	1.040	1.274	1.035	1.354
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1635	0.1343	0.0148	0.2272	0.4532	0.0381	0.3207		
1965-69	OBS.	372	52	16	135	67	55	16	7	13	11
	EXP.	310.7	54.4	19.4	104.7	57.0	44.4	11.9	6.8	5.7	6.6
	CONF.LIMIT	1.281	1.150	1.158	1.444	1.383	1.483	1.892	1.730	3.310	2.525
	OBS./EXP.	1.197	0.957	0.825	1.290	1.176	1.240	1.348	1.029	2.269	1.673
	CONF.LIMIT	1.118	0.791	0.574	1.149	0.996	1.031	0.939	0.573	1.510	1.069
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3595	0.2964	0.0177	0.5000	0.4222	0.3907	0.0235		
1970-72	OBS.	194	31	12	68	35	27	9	6	4	2
	EXP.	132.4	23.2	9.0	44.8	23.6	18.7	5.2	2.8	2.3	2.9
	CONF.LIMIT	1.610	1.699	1.981	1.782	1.863	1.873	2.749	3.758	3.472	1.835
	OBS./EXP.	1.465	1.336	1.337	1.518	1.486	1.447	1.741	2.140	1.736	0.690
	CONF.LIMIT	1.332	1.039	0.873	1.287	1.175	1.103	1.052	1.126	0.760	0.184
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.2862	0.4754	0.3882	0.2602	0.4627		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA — TABLE 8 -7
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	2270	381	131	759	411	289	88	67	75	69
	EXP.	2021.4	352.9	126.6	651.7	371.0	267.4	76.2	58.9	51.2	65.5
	CONF.LIMIT	1.154	1.154	1.160	1.221	1.181	1.167	1.330	1.337	1.707	1.236
	OBS./EXP.	1.123	1.080	1.035	1.165	1.108	1.081	1.155	1.137	1.466	1.054
	CONF.LIMIT	1.093	1.009	0.921	1.111	1.038	1.000	1.000	0.963	1.253	0.895
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3585	0.2166	0.1014	0.2041	0.4806	0.5000	0.0207		
1965-69	OBS.	633	108	34	212	112	75	32	16	23	21
	EXP.	536.0	100.6	36.2	168.6	94.9	68.5	19.1	15.8	13.8	18.5
	CONF.LIMIT	1.243	1.218	1.182	1.375	1.336	1.275	2.123	1.425	2.204	1.522
	OBS./EXP.	1.181	1.073	0.940	1.257	1.180	1.095	1.675	1.015	1.664	1.134
	CONF.LIMIT	1.121	0.943	0.740	1.148	1.040	0.936	1.309	0.707	1.238	0.831
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2860	0.3160	0.0513	0.2020	0.0548	0.2755	0.0931		
1970-72	OBS.	381	71	32	118	67	46	15	9	16	7
	EXP.	332.7	64.2	22.3	104.1	57.9	41.9	11.5	9.9	8.7	12.3
	CONF.LIMIT	1.224	1.294	1.817	1.280	1.360	1.336	1.855	1.435	2.574	0.961
	OBS./EXP.	1.145	1.106	1.434	1.134	1.157	1.098	1.306	0.909	1.834	0.571
	CONF.LIMIT	1.070	0.941	1.120	1.002	0.980	0.896	0.897	0.549	1.277	0.318
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1292	0.4743	0.3897	0.4436	0.3447	0.3184	0.0426		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA — TABLE 8 -8
HIROSHIMA + NAGASAKI, MALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	18	8	0	1	3	0	0	1	4	1
	EXP.	14.0	3.1	0.3	4.5	2.8	2.1	0.5	0.3	0.3	0.2
	CONF.LIMIT	1.766	4.179	8.230	0.852	2.406	1.098	5.007	13.677	30.645	18.778
	OBS./EXP.	1.284	2.571	0.000	0.220	1.080	0.000	0.000	3.533	15.326	4.850
	CONF.LIMIT	0.915	1.499	0.000	0.022	0.399	0.000	0.000	0.347	6.710	0.476
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.1562	0.0134	0.3655	0.5000	0.1727	0.0001		
1965-69	OBS.	8	3	0	1	1	0	0	1	1	1
	EXP.	4.8	1.1	0.1	1.6	1.0	0.7	0.2	0.1	0.1	0.1
	CONF.LIMIT	2.693	6.190	23.886	2.482	4.059	3.188	14.595	39.640	43.307	54.753
	OBS./EXP.	1.657	2.778	0.000	0.641	1.048	0.000	0.000	10.239	11.186	14.142
	CONF.LIMIT	0.966	1.025	0.000	0.063	0.103	0.000	0.000	1.006	1.099	1.389
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.1887	0.5000	0.5000	0.1081	0.0995		
1970-72	OBS.	6	3	0	0	2	0	0	0	1	0
	EXP.	4.4	1.0	0.1	1.4	0.9	0.7	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.397	6.837	25.655	1.614	6.107	3.507	16.033	26.006	48.196	35.626
	OBS./EXP.	1.365	3.069	0.000	0.000	2.295	0.000	0.000	0.000	12.449	0.000
	CONF.LIMIT	0.718	1.133	0.000	0.000	0.613	0.000	0.000	0.000	1.223	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.1440	0.1867	0.5000	0.5000	0.5000	0.0980		

TABLE 8-9 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, AGE AT8 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	54	12	5	11	16	4	1	0	4	1
	EXP.	45.1	8.7	2.9	13.0	9.8	4.4	1.4	1.6	1.8	1.6
	CONF.LIMIT	1.434	2.055	3.256	1.278	2.292	1.811	2.752	1.445	4.499	2.390
	OBS./EXP.	1.197	1.387	1.754	0.847	1.633	0.906	0.711	0.000	2.250	0.617
	CONF.LIMIT	0.994	0.905	0.856	0.541	1.137	0.396	0.070	0.000	0.985	0.061
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4175	0.0640	0.2835	0.4185	0.5000	0.1616	0.1834		
1965-69	OBS.	19	4	1	6	6	0	1	0	1	0
	EXP.	15.9	3.1	1.0	4.6	3.4	1.5	0.5	0.6	0.6	0.6
	CONF.LIMIT	1.630	2.603	3.824	2.308	3.057	1.486	7.874	4.113	6.186	4.055
	OBS./EXP.	1.196	1.302	0.988	1.314	1.740	0.000	2.034	0.000	1.598	0.000
	CONF.LIMIT	0.861	0.570	0.097	0.692	0.916	0.000	0.200	0.000	0.157	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.4172	0.4626	0.1202	0.5000	0.4452	0.5000		
1970-72	OBS.	23	3	4	4	6	3	0	0	2	1
	EXP.	14.9	2.9	0.9	4.3	3.2	1.5	0.5	0.5	0.6	0.5
	CONF.LIMIT	2.038	2.324	8.439	1.859	3.257	4.534	4.926	4.381	9.140	7.239
	OBS./EXP.	1.539	1.043	4.221	0.930	1.854	2.035	0.000	0.000	3.435	1.870
	CONF.LIMIT	1.145	0.385	1.848	0.407	0.976	0.751	0.000	0.000	0.917	0.184
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0686	0.2193	0.3366	0.3601	0.5000	0.5000	0.2110		

TABLE 8-10 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, AGE AT8 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	155	36	10	49	27	17	2	5	5	4
	EXP.	155.6	35.4	6.5	48.0	26.5	17.5	4.1	4.8	5.6	7.2
	CONF.LIMIT	1.107	1.270	2.372	1.234	1.319	1.346	1.301	1.931	1.668	1.116
	OBS./EXP.	0.996	1.017	1.539	1.021	1.019	0.969	0.489	1.040	0.899	0.558
	CONF.LIMIT	0.895	0.806	0.959	0.839	0.777	0.683	0.131	0.508	0.439	0.244
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1557	0.5000	0.3792	0.4872	0.2219	0.5000	0.5000		
1965-69	OBS.	66	14	1	25	11	8	2	2	1	2
	EXP.	52.9	12.1	2.2	16.3	8.9	6.0	1.4	1.6	1.9	2.4
	CONF.LIMIT	1.468	1.665	1.746	2.002	1.856	2.177	3.836	3.273	2.040	2.179
	OBS./EXP.	1.247	1.158	0.451	1.530	1.229	1.339	1.442	1.230	0.527	0.819
	CONF.LIMIT	1.055	0.783	0.044	1.153	0.785	0.781	0.385	0.328	0.052	0.219
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3001	0.3395	0.2004	0.5000	0.5000	0.5000	0.2597		
1970-72	OBS.	44	12	6	13	5	4	0	1	3	0
	EXP.	47.3	10.7	2.0	14.5	8.1	5.3	1.3	1.5	1.7	2.2
	CONF.LIMIT	1.136	1.656	5.285	1.305	1.143	1.505	1.838	2.646	3.902	1.043
	OBS./EXP.	0.930	1.117	3.009	0.895	0.616	0.753	0.000	0.683	1.752	0.000
	CONF.LIMIT	0.755	0.729	1.584	0.595	0.300	0.330	0.000	0.067	0.647	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0503	0.3274	0.0554	0.5000	0.3799	0.5000	0.1802		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, AGE ATB 35-49

TABLE 8-11

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1008	178	68	316	163	140	43	31	41	28
	EXP.	938.6	172.3	63.4	297.7	164.4	119.5	34.4	29.9	24.7	32.3
	CONF.LIMIT	1.119	1.140	1.260	1.142	1.098	1.309	1.530	1.319	2.046	1.116
	OBS./EXP.	1.074	1.033	1.073	1.062	0.991	1.172	1.249	1.037	1.661	0.866
	CONF.LIMIT	1.031	0.935	0.910	0.986	0.893	1.047	1.012	0.807	1.339	0.664
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4192	0.2553	0.4790	0.1083	0.1332	0.5000	0.0022		
1965-69	OBS.	334	60	22	106	53	44	18	10	12	9
	EXP.	292.0	55.3	20.4	91.8	50.6	36.5	10.4	9.2	7.5	10.2
	CONF.LIMIT	1.228	1.287	1.435	1.312	1.257	1.474	2.390	1.667	2.374	1.392
	OBS./EXP.	1.144	1.085	1.076	1.155	1.047	1.206	1.738	1.082	1.602	0.881
	CONF.LIMIT	1.064	0.909	0.795	1.013	0.868	0.979	1.238	0.674	1.046	0.533
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3121	0.4390	0.3513	0.0458	0.5000	0.1378		
1970-72	OBS.	210	37	15	72	34	26	8	5	8	5
	EXP.	196.1	37.4	13.6	61.4	33.8	24.8	6.8	6.2	4.8	7.1
	CONF.LIMIT	1.172	1.232	1.562	1.370	1.266	1.363	1.905	1.485	2.688	1.302
	OBS./EXP.	1.071	0.989	1.100	1.172	1.007	1.047	1.172	0.800	1.654	0.702
	CONF.LIMIT	0.977	0.788	0.756	0.999	0.793	0.794	0.683	0.390	0.964	0.342
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4150	0.2674	0.3326	0.4398	0.4972	0.3189	0.1754		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE, AGE ATB 50+

TABLE 8-12

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1035	147	48	382	202	128	42	30	21	35
	EXP.	868.0	133.4	53.6	288.5	167.5	123.8	35.8	22.3	18.9	24.1
	CONF.LIMIT	1.241	1.228	1.085	1.415	1.322	1.161	1.442	1.716	1.493	1.817
	OBS./EXP.	1.192	1.102	0.895	1.324	1.206	1.034	1.173	1.343	1.112	1.450
	CONF.LIMIT	1.145	0.987	0.734	1.238	1.099	0.918	0.948	1.040	0.815	1.146
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1232	0.1521	0.0072	0.0159	0.3267	0.4258	0.3081		
1965-69	OBS.	206	27	10	74	41	23	11	3	8	9
	EXP.	170.4	29.1	12.4	54.3	30.9	23.8	6.7	4.2	3.7	5.2
	CONF.LIMIT	1.324	1.203	1.242	1.589	1.632	1.281	2.475	1.579	3.499	2.719
	OBS./EXP.	1.209	0.929	0.806	1.362	1.325	0.967	1.640	0.709	2.153	1.722
	CONF.LIMIT	1.102	0.708	0.502	1.164	1.068	0.719	1.048	0.262	1.255	1.041
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4284	0.4861	0.0176	0.0900	0.3094	0.2014	0.1436		
1970-72	OBS.	98	16	7	29	20	13	7	3	2	1
	EXP.	70.0	12.2	5.7	22.4	11.9	9.6	2.8	1.6	1.5	2.3
	CONF.LIMIT	1.599	1.837	2.084	1.661	2.274	1.970	4.211	4.236	3.516	1.669
	OBS./EXP.	1.400	1.309	1.239	1.295	1.681	1.351	2.503	1.901	1.321	0.431
	CONF.LIMIT	1.222	0.911	0.690	0.998	1.221	0.899	1.395	0.702	0.353	0.042
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.2219	0.3907	0.5000	0.1269	0.4023	0.5000		

TABLE 8-13 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	2123	376	79	675	387	341	95	58	62	50
	EXP.	2007.5	365.2	92.6	684.1	369.6	299.7	79.4	47.0	39.3	30.7
	CONF.LIMIT	1.088	1.101	0.990	1.037	1.119	1.221	1.370	1.468	1.868	1.967
	OBS./EXP.	1.058	1.030	0.854	0.987	1.047	1.138	1.197	1.233	1.579	1.630
	CONF.LIMIT	1.028	0.962	0.733	0.938	0.979	1.060	1.043	1.031	1.328	1.343
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0740	0.1834	0.4146	0.0270	0.0585	0.0740	0.0003		
1965-69	OBS.	598	126	25	180	101	100	25	8	22	11
	EXP.	532.7	101.5	26.5	178.9	96.1	77.6	20.3	12.5	10.8	8.6
	CONF.LIMIT	1.184	1.396	1.236	1.109	1.198	1.469	1.608	1.041	2.710	1.935
	OBS./EXP.	1.122	1.242	0.945	1.006	1.051	1.288	1.229	0.641	2.033	1.282
	CONF.LIMIT	1.064	1.102	0.712	0.911	0.919	1.126	0.927	0.373	1.501	0.819
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1287	0.3848	0.0831	0.0261	0.2104	0.1302	0.0011		
1970-72	OBS.	349	63	12	117	61	51	13	17	10	5
	EXP.	356.5	68.2	17.8	118.6	64.5	51.3	13.6	8.7	7.3	6.3
	CONF.LIMIT	1.050	1.091	0.999	1.114	1.120	1.198	1.391	2.725	2.098	1.464
	OBS./EXP.	0.979	0.923	0.674	0.986	0.946	0.994	0.953	1.962	1.361	0.789
	CONF.LIMIT	0.913	0.778	0.440	0.871	0.794	0.821	0.634	1.383	0.848	0.385
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2028	0.4284	0.2374	0.4687	0.5000	0.0034	0.1814		

TABLE 8-14 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	15	6	0	6	0	0	0	0	2	1
	EXP.	16.9	3.8	0.3	5.5	3.4	2.4	0.6	0.4	0.3	0.3
	CONF.LIMIT	1.260	2.762	7.481	1.930	0.678	0.965	3.971	6.208	16.535	14.071
	OBS./EXP.	0.887	1.573	0.000	1.099	0.000	0.000	0.000	0.000	6.215	3.635
	CONF.LIMIT	0.610	0.828	0.000	0.578	0.000	0.000	0.000	0.000	1.659	0.357
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.0551	0.1479	0.2394	0.5000	0.5000	0.0299		
1965-69	OBS.	7	3	0	2	0	0	0	0	1	1
	EXP.	6.0	1.4	0.1	1.9	1.2	0.8	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.954	4.880	20.936	2.739	1.905	2.716	11.137	17.360	33.795	39.446
	OBS./EXP.	1.161	2.190	0.000	1.030	0.000	0.000	0.000	0.000	8.729	10.188
	CONF.LIMIT	0.647	0.808	0.000	0.275	0.000	0.000	0.000	0.000	0.858	1.001
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3802	0.1899	0.5000	0.5000	0.5000	0.1016		
1970-72	OBS.	4	1	0	3	0	0	0	0	0	0
	EXP.	6.0	1.4	0.1	1.9	1.2	0.8	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.327	2.837	20.689	3.436	1.903	2.709	11.147	17.677	20.218	23.369
	OBS./EXP.	0.664	0.733	0.000	1.542	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.291	0.072	0.000	0.569	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.2346	0.5000	0.4892	0.5000	0.5000	0.5000		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

TABLE 8-15

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	88	22	4	19	17	10	3	4	6	3
	EXP.	84.6	18.3	2.8	25.5	14.7	9.7	2.8	2.8	2.8	5.2
	CONF.LIMIT	1.197	1.600	2.871	1.016	1.611	1.588	2.355	2.821	3.770	1.287
	OBS./EXP.	1.040	1.200	1.436	0.745	1.160	1.030	1.057	1.411	2.146	0.578
	CONF.LIMIT	0.901	0.886	0.629	0.537	0.818	0.642	0.390	0.618	1.130	0.213
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4548	0.1194	0.1321	0.4051	0.4804	0.2696	0.0532		
1965-69	OBS.	37	11	3	6	5	6	1	1	3	1
	EXP.	29.5	6.4	1.0	8.9	5.1	3.4	1.0	1.0	1.0	1.8
	CONF.LIMIT	1.563	2.577	6.829	1.190	1.823	3.119	3.911	3.952	6.875	2.160
	OBS./EXP.	1.255	1.707	3.065	0.678	0.982	1.776	1.010	1.021	3.085	0.558
	CONF.LIMIT	0.999	1.090	1.131	0.357	0.479	0.935	0.099	0.100	1.139	0.055
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2782	0.3719	0.0205	0.0959	0.5000	0.5000	0.0587		
1970-72	OBS.	26	7	0	5	6	1	2	2	2	1
	EXP.	26.5	5.8	0.9	8.0	4.6	3.0	0.9	0.9	0.9	1.6
	CONF.LIMIT	1.279	2.042	2.648	1.167	2.296	1.283	6.020	5.968	6.116	2.379
	OBS./EXP.	0.982	1.214	0.000	0.629	1.307	0.331	2.262	2.243	2.299	0.615
	CONF.LIMIT	0.745	0.677	0.000	0.397	0.688	0.033	0.604	0.599	0.614	0.060
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3746	0.1769	0.4366	0.2926	0.2095	0.2121	0.2048		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

TABLE 8-16

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	346	62	14	94	70	51	16	9	18	12
	EXP.	341.4	70.7	15.0	108.7	62.9	47.1	13.3	8.1	7.7	7.9
	CONF.LIMIT	1.087	1.038	1.343	0.991	1.304	1.304	1.687	1.745	3.198	2.261
	OBS./EXP.	1.013	0.877	0.934	0.865	1.113	1.083	1.202	1.105	2.325	1.525
	CONF.LIMIT	0.944	0.737	0.632	0.753	0.946	0.893	0.837	0.668	1.657	0.996
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4625	0.0635	0.3208	0.2391	0.2200	0.3832	0.0002		
1965-69	OBS.	113	23	5	26	18	19	8	1	8	5
	EXP.	105.7	22.3	4.8	33.4	19.3	14.5	4.1	2.5	2.4	2.5
	CONF.LIMIT	1.210	1.366	1.946	1.013	1.282	1.790	3.177	1.532	5.440	3.760
	OBS./EXP.	1.069	1.032	1.048	0.778	0.932	1.313	1.955	0.396	3.347	2.026
	CONF.LIMIT	0.942	0.768	0.512	0.590	0.664	0.945	1.140	0.039	1.951	0.988
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3275	0.2176	0.0616	0.0316	0.3840	0.0017		
1970-72	OBS.	81	14	4	20	17	14	3	5	1	3
	EXP.	84.3	17.8	3.8	26.7	15.4	11.5	3.2	2.0	1.9	2.0
	CONF.LIMIT	1.113	1.131	2.103	1.014	1.533	1.753	2.064	4.598	2.041	3.348
	OBS./EXP.	0.961	0.786	1.052	0.750	1.104	1.219	0.926	2.477	0.527	1.503
	CONF.LIMIT	0.827	0.532	0.460	0.545	0.778	0.825	0.342	1.209	0.052	0.555
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3937	0.1530	0.4878	0.1824	0.5000	0.0419	0.5000		

TABLE 8-17 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	889	163	31	282	164	150	41	20	20	18
	EXP.	874.6	153.8	44.7	296.6	157.8	135.3	35.0	22.1	18.8	10.4
	CONF.LIMIT	1.062	1.174	0.882	1.028	1.151	1.233	1.444	1.222	1.436	2.384
	OBS./EXP.	1.016	1.060	0.693	0.951	1.039	1.108	1.173	0.903	1.062	1.733
	CONF.LIMIT	0.973	0.955	0.539	0.879	0.937	0.994	0.945	0.656	0.771	1.235
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0186	0.1948	0.4991	0.1061	0.1519	0.4131	0.3969		
1965-69	OBS.	275	64	11	85	52	43	11	2	5	2
	EXP.	251.2	46.1	13.6	84.3	44.5	38.4	9.9	6.3	5.3	2.9
	CONF.LIMIT	1.184	1.639	1.220	1.164	1.406	1.374	1.679	0.848	1.740	1.851
	OBS./EXP.	1.095	1.389	0.808	1.008	1.170	1.121	1.112	0.319	0.938	0.696
	CONF.LIMIT	1.011	1.172	0.516	0.871	0.967	0.908	0.710	0.085	0.458	0.186
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0645	0.2228	0.1369	0.4108	0.4893	0.0625	0.5000		
1970-72	OBS.	142	26	3	50	23	22	6	7	5	0
	EXP.	177.3	32.3	9.7	59.7	31.7	26.9	6.9	4.4	3.7	2.0
	CONF.LIMIT	0.894	1.047	0.690	1.011	0.962	1.090	1.520	2.678	2.524	1.130
	OBS./EXP.	0.801	0.805	0.310	0.838	0.726	0.818	0.865	1.592	1.360	0.000
	CONF.LIMIT	0.716	0.610	0.114	0.690	0.540	0.604	0.456	0.887	0.664	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0860	0.3329	0.2917	0.5000	0.4881	0.0749	0.1845		

TABLE 8-18 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	785	123	30	274	136	130	35	25	16	16
	EXP.	689.9	118.6	29.7	247.9	130.9	105.1	27.7	13.6	9.6	6.9
	CONF.LIMIT	1.192	1.168	1.289	1.196	1.163	1.388	1.586	2.414	2.347	3.233
	OBS./EXP.	1.138	1.037	1.009	1.105	1.039	1.237	1.265	1.845	1.672	2.304
	CONF.LIMIT	1.086	0.919	0.781	1.020	0.927	1.100	1.000	1.391	1.164	1.604
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4941	0.2984	0.3255	0.0996	0.2059	0.0057	0.0533		
1965-69	OBS.	166	25	6	61	26	32	5	4	5	2
	EXP.	140.3	25.3	7.0	50.4	26.0	20.6	5.2	2.6	2.0	1.3
	CONF.LIMIT	1.309	1.294	1.508	1.435	1.300	1.970	1.798	3.108	4.609	3.946
	OBS./EXP.	1.183	0.989	0.858	1.211	0.999	1.555	0.969	1.554	2.483	1.483
	CONF.LIMIT	1.067	0.745	0.452	1.017	0.758	1.215	0.473	0.681	1.212	0.396
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4794	0.2423	0.2416	0.0777	0.4698	0.3449	0.0886		
1970-72	OBS.	96	15	5	39	15	14	2	3	2	1
	EXP.	62.4	11.0	3.3	22.4	11.7	9.0	2.4	1.2	0.8	0.6
	CONF.LIMIT	1.760	1.938	2.790	2.155	1.828	2.227	2.242	5.450	6.732	6.670
	OBS./EXP.	1.539	1.365	1.503	1.741	1.287	1.549	0.843	2.446	2.530	1.723
	CONF.LIMIT	1.341	0.938	0.733	1.394	0.884	1.048	0.225	0.903	0.675	0.169
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.2008	0.3675	0.5000	0.2848	0.3181	0.3637		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 8-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	3515	585	170	1298	565	501	138	89	91	78
	EXP.	3224.1	560.4	185.4	1193.0	538.8	448.0	116.2	70.3	54.9	57.1
	CONF.LIMIT	1.114	1.101	1.014	1.128	1.107	1.185	1.328	1.455	1.903	1.588
	OBS./EXP.	1.090	1.044	0.917	1.088	1.049	1.118	1.187	1.265	1.658	1.367
	CONF.LIMIT	1.067	0.989	0.828	1.049	0.992	1.055	1.060	1.097	1.439	1.173
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0744	0.2409	0.0829	0.2266	0.1388	0.0724	0.0000		
1965-69	OBS.	969	183	46	347	150	136	40	19	32	16
	EXP.	855.4	159.8	53.6	308.7	138.8	115.9	29.3	18.5	14.5	16.1
	CONF.LIMIT	1.181	1.262	1.044	1.205	1.203	1.313	1.685	1.399	2.787	1.391
	OBS./EXP.	1.133	1.145	0.858	1.124	1.081	1.173	1.364	1.026	2.200	0.991
	CONF.LIMIT	1.086	1.038	0.700	1.047	0.969	1.046	1.096	0.738	1.719	0.690
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0477	0.3638	0.3501	0.2995	0.1168	0.4241	0.0001		
1970-72	OBS.	568	105	39	205	85	80	20	13	15	6
	EXP.	548.9	104.0	34.2	196.9	88.9	74.3	18.6	11.8	9.2	11.1
	CONF.LIMIT	1.093	1.148	1.412	1.141	1.103	1.249	1.457	1.603	2.317	0.954
	OBS./EXP.	1.035	1.009	1.140	1.041	0.956	1.077	1.077	1.099	1.632	0.543
	CONF.LIMIT	0.980	0.885	0.914	0.949	0.826	0.926	0.783	0.731	1.121	0.286
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2838	0.2767	0.4162	0.3364	0.4307	0.4288	0.0447		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE AT8 0-9

TABLE 8-20

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	21	9	0	6	2	0	0	0	4	0
	EXP.	21.9	4.9	0.4	8.5	3.7	2.9	0.7	0.3	0.3	0.2
	CONF.LIMIT	1.287	2.872	5.455	1.244	1.448	0.786	3.529	6.801	28.578	12.630
	OBS./EXP.	0.959	1.818	0.000	0.708	0.544	0.000	0.000	0.000	14.292	0.000
	CONF.LIMIT	0.703	1.099	0.000	0.373	0.145	0.000	0.000	0.000	6.257	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4791	0.5000	0.0460	0.1780	0.5000	0.5000	0.0001		
1965-69	OBS.	8	4	0	2	1	0	0	0	1	0
	EXP.	7.7	1.8	0.1	3.0	1.3	1.0	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.691	4.559	15.522	1.796	3.007	2.248	10.058	19.244	39.563	36.243
	OBS./EXP.	1.041	2.280	0.000	0.675	0.777	0.000	0.000	0.000	10.219	0.000
	CONF.LIMIT	0.607	0.998	0.000	0.180	0.076	0.000	0.000	0.000	1.004	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.1383	0.5000	0.5000	0.5000	0.0870		
1970-72	OBS.	7	2	0	3	1	0	0	0	1	0
	EXP.	7.4	1.7	0.1	2.9	1.2	1.0	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.596	3.173	15.904	2.344	3.127	2.340	10.510	20.395	41.675	37.656
	OBS./EXP.	0.948	1.193	0.000	1.052	0.808	0.000	0.000	0.000	10.764	0.000
	CONF.LIMIT	0.529	0.318	0.000	0.388	0.079	0.000	0.000	0.000	1.057	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.5000	0.4225	0.5000	0.5000	0.1062		

TABLE 8-21 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	90	26	5	24	14	10	2	2	6	1
	EXP.	89.1	18.6	4.3	31.0	15.4	10.2	2.4	2.0	1.9	3.4
	CONF.LIMIT	1.160	1.818	2.172	1.019	1.310	1.513	2.218	2.718	5.407	1.135
	OBS./EXP.	1.010	1.397	1.170	0.774	0.911	0.982	0.834	1.022	3.079	0.293
	CONF.LIMIT	0.876	1.059	0.571	0.580	0.617	0.611	0.222	0.273	1.621	0.029
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4670	0.3704	0.0237	0.3592	0.5000	0.4858	0.0082		
1965-69	OBS.	35	11	3	10	3	4	0	1	3	0
	EXP.	31.2	6.6	1.5	10.8	5.4	3.5	0.8	0.7	0.7	1.2
	CONF.LIMIT	1.406	2.519	4.419	1.426	1.244	2.256	2.749	5.673	9.768	1.951
	OBS./EXP.	1.121	1.669	1.983	0.925	0.559	1.128	0.000	1.465	4.384	0.000
	CONF.LIMIT	0.886	1.066	0.732	0.576	0.206	0.494	0.000	0.144	1.618	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3262	0.0318	0.3659	0.5000	0.4392	0.0252		
1970-72	OBS.	33	9	2	7	6	4	2	1	2	0
	EXP.	28.4	6.0	1.4	9.9	4.9	3.2	0.8	0.6	0.6	1.1
	CONF.LIMIT	1.466	2.377	3.845	1.194	2.149	2.481	7.006	6.255	8.674	2.150
	OBS./EXP.	1.161	1.505	1.445	0.710	1.223	1.241	2.633	1.616	3.260	0.000
	CONF.LIMIT	0.911	0.910	0.386	0.396	0.644	0.543	0.703	0.159	0.870	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.2382	0.1327	0.3635	0.1651	0.4372	0.1185		

TABLE 8-22 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA, MALE + FEMALE, AGE ATB 20-34

TABLE 8-22

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	378	68	21	122	67	58	11	9	15	7
	EXP.	385.3	80.2	18.4	136.5	64.5	50.1	12.2	7.8	7.2	8.3
	CONF.LIMIT	1.049	0.996	1.530	1.006	1.220	1.377	1.358	1.831	2.956	1.413
	OBS./EXP.	0.981	0.848	1.140	0.894	1.038	1.157	0.899	1.160	2.082	0.840
	CONF.LIMIT	0.917	0.719	0.835	0.792	0.879	0.967	0.575	0.701	1.430	0.468
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1402	0.1792	0.4038	0.0932	0.5000	0.3131	0.0018		
1965-69	OBS.	131	25	5	42	21	22	6	2	6	2
	EXP.	123.0	26.1	6.0	43.3	20.4	15.9	3.8	2.5	2.3	2.7
	CONF.LIMIT	1.195	1.254	1.549	1.192	1.380	1.850	2.739	2.157	4.596	1.965
	OBS./EXP.	1.065	0.958	0.834	0.970	1.028	1.388	1.560	0.811	2.617	0.738
	CONF.LIMIT	0.948	0.723	0.407	0.784	0.753	1.025	0.821	0.216	1.378	0.197
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.4614	0.4489	0.1026	0.1988	0.5000	0.0327		
1970-72	OBS.	95	19	8	29	17	15	1	3	1	2
	EXP.	101.8	21.6	4.9	35.8	17.0	13.0	3.1	2.1	1.9	2.3
	CONF.LIMIT	1.068	1.199	2.629	1.040	1.385	1.634	1.239	3.241	2.004	2.303
	OBS./EXP.	0.933	0.879	1.618	0.810	0.997	1.151	0.320	1.455	0.518	0.865
	CONF.LIMIT	0.812	0.633	0.943	0.625	0.703	0.791	0.031	0.537	0.051	0.231
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1140	0.2942	0.2982	0.2082	0.2540	0.2795	0.5000		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA — TABLE 8-23
HIROSHIMA, MALE + FEMALE, AGE AT8 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1494	272	74	536	218	222	63	39	40	30
	EXP.	1451.3	258.6	89.8	527.7	232.8	203.8	51.5	35.7	26.3	25.3
	CONF.LIMIT	1.064	1.139	0.961	1.074	1.023	1.189	1.447	1.354	1.878	1.515
	OBS./EXP.	1.029	1.052	0.824	1.016	0.937	1.089	1.224	1.094	1.521	1.186
	CONF.LIMIT	0.995	0.971	0.704	0.960	0.856	0.997	1.031	0.876	1.222	0.918
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0365	0.1673	0.4998	0.1150	0.0592	0.2950	0.0048		
1965-69	OBS.	473	104	25	167	68	61	21	9	12	6
	EXP.	436.5	81.3	28.6	156.1	69.2	60.1	14.9	10.6	7.7	7.9
	CONF.LIMIT	1.150	1.455	1.143	1.184	1.154	1.203	1.891	1.335	2.315	1.336
	OBS./EXP.	1.084	1.279	0.873	1.069	0.983	1.015	1.409	0.845	1.562	0.761
	CONF.LIMIT	1.020	1.121	0.658	0.965	0.834	0.853	1.032	0.511	1.020	0.401
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0541	0.3059	0.1522	0.4600	0.1087	0.3376	0.1054		
1970-72	OBS.	276	53	17	104	37	39	8	8	7	3
	EXP.	301.1	55.9	19.7	107.4	48.0	41.7	10.3	7.3	5.0	5.7
	CONF.LIMIT	0.992	1.137	1.200	1.102	0.960	1.158	1.256	1.778	2.338	1.174
	OBS./EXP.	0.917	0.947	0.864	0.969	0.771	0.935	0.773	1.094	1.390	0.527
	CONF.LIMIT	0.847	0.785	0.609	0.849	0.613	0.749	0.451	0.638	0.775	0.195
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4312	0.1368	0.4716	0.4639	0.4119	0.3527	0.1853		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA — TABLE 8-24
HIROSHIMA, MALE + FEMALE, AGE AT8 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	1532	210	70	610	264	211	62	39	26	40
	EXP.	1276.4	198.1	72.6	489.3	222.4	180.9	49.5	24.6	19.2	19.8
	CONF.LIMIT	1.241	1.160	1.130	1.314	1.286	1.276	1.482	1.962	1.765	2.491
	OBS./EXP.	1.200	1.060	0.965	1.247	1.187	1.166	1.252	1.584	1.356	2.018
	CONF.LIMIT	1.161	0.968	0.820	1.183	1.094	1.065	1.053	1.269	1.029	1.621
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2721	0.2650	0.0069	0.2648	0.4590	0.0673	0.3342		
1965-69	OBS.	322	39	13	126	57	49	13	7	10	8
	EXP.	257.1	44.1	17.3	95.5	42.5	35.4	9.5	4.6	3.8	4.3
	CONF.LIMIT	1.347	1.096	1.094	1.483	1.598	1.672	1.997	2.559	4.067	3.017
	OBS./EXP.	1.253	0.885	0.750	1.319	1.340	1.382	1.369	1.521	2.639	1.856
	CONF.LIMIT	1.164	0.709	0.499	1.171	1.118	1.136	0.911	0.848	1.643	1.082
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3662	0.4886	0.0026	0.4227	0.4968	0.4143	0.0223		
1970-72	OBS.	157	22	12	62	24	22	9	1	4	1
	EXP.	110.2	18.8	8.0	41.0	17.7	15.3	4.1	1.7	1.5	1.9
	CONF.LIMIT	1.582	1.557	2.210	1.789	1.783	1.917	3.453	2.244	5.279	2.020
	OBS./EXP.	1.425	1.168	1.491	1.512	1.354	1.438	2.187	0.580	2.640	0.522
	CONF.LIMIT	1.281	0.863	0.974	1.272	1.014	1.062	1.322	0.057	1.156	0.051
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3018	0.3722	0.2697	0.5000	0.1575	0.2864	0.1914		

TABLE 8-25 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	878	172	40	136	233	129	45	36	46	41
	EXP.	804.8	157.7	33.7	142.9	201.8	119.1	39.3	35.6	35.5	39.1
	CONF.LIMIT	1.140	1.205	1.465	1.065	1.257	1.216	1.396	1.263	1.575	1.292
	OBS./EXP.	1.091	1.090	1.186	0.952	1.154	1.084	1.145	1.011	1.294	1.049
	CONF.LIMIT	1.044	0.985	0.953	0.849	1.059	0.963	0.932	0.802	1.057	0.845
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3411	0.0415	0.3623	0.4699	0.3571	0.4130	0.1241		
1965-69	OBS.	262	51	13	45	63	39	17	5	13	16
	EXP.	213.4	42.3	9.0	38.7	52.2	30.2	10.1	9.7	10.1	11.0
	CONF.LIMIT	1.331	1.452	2.100	1.416	1.427	1.598	2.332	0.954	1.879	2.050
	OBS./EXP.	1.228	1.206	1.439	1.161	1.207	1.291	1.679	0.514	1.288	1.461
	CONF.LIMIT	1.132	0.995	0.958	0.946	1.017	1.034	1.183	0.251	0.857	1.017
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.3290	0.4617	0.4070	0.3571	0.1106	0.0463	0.4346		
1970-72	OBS.	162	29	5	30	43	17	8	13	11	6
	EXP.	140.3	28.4	5.9	25.8	33.5	18.9	6.6	6.7	6.9	7.5
	CONF.LIMIT	1.280	1.309	1.569	1.483	1.574	1.248	1.984	2.814	2.412	1.398
	OBS./EXP.	1.155	1.021	0.846	1.161	1.284	0.898	1.221	1.929	1.598	0.796
	CONF.LIMIT	1.040	0.787	0.413	0.899	1.041	0.633	0.712	1.284	1.021	0.419
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.4555	0.3812	0.1743	0.1518	0.5000	0.0844	0.2484		

TABLE 8-26 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD							
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	12	5	0	1	1	0	0	1	2	2
	EXP.	9.0	2.0	0.2	1.5	2.5	1.6	0.4	0.3	0.3	0.3
	CONF.LIMIT	1.970	4.695	13.914	2.520	1.553	1.481	5.949	12.277	17.566	17.784
	OBS./EXP.	1.329	2.529	0.000	0.651	0.401	0.000	0.000	3.171	6.602	6.684
	CONF.LIMIT	0.868	1.234	0.000	0.064	0.039	0.000	0.000	0.312	1.762	1.784
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.0537	0.5000	0.5000	0.2023	0.0267		
1965-69	OBS.	7	2	0	1	0	0	0	1	1	2
	EXP.	3.2	0.7	0.1	0.5	0.9	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	3.716	7.657	39.676	7.177	2.631	4.219	16.983	34.993	36.490	50.488
	OBS./EXP.	2.209	2.878	0.000	1.854	0.000	0.000	0.000	9.038	9.425	18.975
	CONF.LIMIT	1.231	0.768	0.000	0.182	0.000	0.000	0.000	0.888	0.926	5.065
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3816	0.2784	0.5000	0.5000	0.1399	0.1348		
1970-72	OBS.	3	2	0	0	1	0	0	0	0	0
	EXP.	3.0	0.7	0.1	0.5	0.8	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.196	7.998	40.925	4.434	4.598	4.408	17.564	21.743	22.730	22.571
	OBS./EXP.	0.986	3.006	0.000	0.000	1.188	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.364	0.802	0.000	0.000	0.117	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.5000	0.2770	0.5000	0.5000	0.5000	0.5000		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA — TABLE 8-27
NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	52	8	4	6	19	4	2	2	4	3
	EXP.	40.6	8.4	1.4	7.5	9.1	3.9	1.8	2.5	2.6	3.4
	CONF.LIMIT	1.540	1.553	5.864	1.407	2.852	2.031	2.883	2.155	3.048	1.964
	OBS./EXP.	1.281	0.956	2.932	0.801	2.092	1.016	1.083	0.810	1.524	0.882
	CONF.LIMIT	1.059	0.557	1.284	0.422	1.506	0.445	0.289	0.216	0.667	0.325
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0752	0.0273	0.3479	0.3213	0.4830	0.3014	0.5000		
1965-69	OBS.	21	4	1	2	8	2	2	0	1	1
	EXP.	14.2	2.9	0.5	2.6	3.2	1.4	0.6	0.9	0.9	1.2
	CONF.LIMIT	1.991	2.735	8.090	2.038	4.104	3.855	8.252	2.686	4.236	3.280
	OBS./EXP.	1.483	1.368	2.090	0.766	2.525	1.449	3.102	0.000	1.094	0.847
	CONF.LIMIT	1.087	0.599	0.205	0.204	1.472	0.387	0.828	0.000	0.107	0.083
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.0976	0.4970	0.5000	0.3428	0.2512	0.5000		
1970-72	OBS.	16	1	2	2	6	0	0	1	2	2
	EXP.	13.0	2.7	0.4	2.4	2.9	1.3	0.6	0.8	0.8	1.1
	CONF.LIMIT	1.728	1.454	12.311	2.227	3.608	1.815	3.889	4.853	6.344	4.871
	OBS./EXP.	1.231	0.375	4.627	0.837	2.055	0.000	0.000	1.254	2.384	1.831
	CONF.LIMIT	0.857	0.037	1.235	0.223	1.082	0.000	0.000	0.123	0.636	0.489
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.0530	0.2200	0.3759	0.1805	0.4297	0.5000	0.4048		

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA — TABLE 8-28
NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	123	30	3	21	30	10	7	5	8	9
	EXP.	111.7	26.0	3.1	20.1	24.9	14.5	5.2	5.2	6.1	6.7
	CONF.LIMIT	1.240	1.476	2.182	1.400	1.541	1.062	2.275	1.789	2.131	2.121
	OBS./EXP.	1.101	1.156	0.979	1.043	1.207	0.689	1.353	0.964	1.311	1.343
	CONF.LIMIT	0.976	0.895	0.362	0.764	0.935	0.429	0.754	0.470	0.764	0.812
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3564	0.5000	0.1003	0.3896	0.4726	0.4075		
1965-69	OBS.	48	12	1	9	8	5	4	1	3	5
	EXP.	35.7	8.3	1.0	6.5	7.8	4.6	1.6	1.7	2.0	2.2
	CONF.LIMIT	1.630	2.143	3.895	2.198	1.661	2.023	4.901	2.297	3.351	4.214
	OBS./EXP.	1.345	1.446	1.006	1.392	1.022	1.090	2.451	0.593	1.504	2.270
	CONF.LIMIT	1.103	0.944	0.099	0.841	0.596	0.532	1.073	0.058	0.555	1.108
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.3449	0.3944	0.5000	0.1620	0.4198	0.4506		
1970-72	OBS.	30	7	2	4	5	3	2	3	3	1
	EXP.	29.8	6.9	0.9	5.4	6.5	3.8	1.4	1.4	1.7	1.9
	CONF.LIMIT	1.286	1.699	6.246	1.476	1.434	1.774	3.895	4.708	3.985	2.047
	OBS./EXP.	1.007	1.010	2.348	0.738	0.772	0.796	1.464	2.113	1.788	0.529
	CONF.LIMIT	0.780	0.563	0.627	0.323	0.377	0.294	0.391	0.780	0.660	0.052
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2581	0.5000	0.2503	0.5000	0.3155	0.1284	0.1777		

TABLE 8-29 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	403	69	25	62	109	68	21	12	21	16
	EXP.	361.9	67.5	18.4	66.5	89.5	51.0	17.9	16.4	17.2	17.4
	CONF.LIMIT	1.188	1.198	1.782	1.103	1.381	1.565	1.571	1.086	1.637	1.289
	OBS./EXP.	1.113	1.022	1.362	0.932	1.218	1.333	1.170	0.733	1.219	0.918
	CONF.LIMIT	1.043	0.867	1.026	0.784	1.071	1.130	0.857	0.479	0.893	0.640
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1286	0.0540	0.5000	0.0961	0.4220	0.1159	0.3546		
1965-69	OBS.	136	20	8	24	37	26	8	3	5	5
	EXP.	106.7	20.1	5.4	20.0	25.9	14.8	5.3	4.9	5.1	5.2
	CONF.LIMIT	1.427	1.347	2.393	1.583	1.780	2.289	2.433	1.373	1.805	1.784
	OBS./EXP.	1.275	0.996	1.472	1.203	1.429	1.759	1.497	0.616	0.973	0.961
	CONF.LIMIT	1.137	0.724	0.858	0.901	1.138	1.334	0.873	0.228	0.475	0.469
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2322	0.3000	0.2344	0.1375	0.4330	0.1436	0.3382		
1970-72	OBS.	76	10	1	18	20	9	6	4	6	2
	EXP.	72.2	13.8	3.6	13.7	17.4	10.0	3.4	3.3	3.5	3.5
	CONF.LIMIT	1.224	1.119	1.063	1.805	1.553	1.421	3.090	2.397	3.031	1.534
	OBS./EXP.	1.052	0.726	0.274	1.312	1.148	0.900	1.759	1.199	1.726	0.576
	CONF.LIMIT	0.901	0.452	0.027	0.935	0.834	0.544	0.926	0.525	0.909	0.154
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.2957	0.3996	0.0362	0.2653	0.2646	0.5000	0.2779		

TABLE 8-30 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD								
			NIC-LE A	NIC-EE B	0 C	1-9 D	10-49 E	50-99 F	100-199 G	200+ H	UNK I
1950-72 TOTAL	OBS.	288	60	8	46	74	47	15	16	11	11
	EXP.	281.5	53.9	10.8	47.2	75.9	48.0	13.9	11.3	9.3	11.3
	CONF.LIMIT	1.105	1.321	1.207	1.187	1.137	1.189	1.527	1.993	1.788	1.474
	OBS./EXP.	1.023	1.113	0.743	0.976	0.975	0.979	1.075	1.420	1.184	0.976
	CONF.LIMIT	0.947	0.933	0.433	0.796	0.833	0.801	0.739	0.989	0.757	0.624
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1887	0.5000	0.3343	0.5000	0.4003	0.0953	0.3098		
1965-69	OBS.	50	13	3	9	10	6	3	0	3	3
	EXP.	53.7	10.3	2.1	9.2	14.4	8.9	2.4	2.2	1.9	2.3
	CONF.LIMIT	1.124	1.840	3.233	1.549	1.068	1.182	2.819	1.043	3.447	2.950
	OBS./EXP.	0.932	1.262	1.451	0.981	0.693	0.673	1.265	0.000	1.547	1.324
	CONF.LIMIT	0.767	0.840	0.536	0.593	0.432	0.354	0.467	0.000	0.571	0.489
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.5000	0.2960	0.1055	0.4501	0.3255	0.1833	0.2314		
1970-72	OBS.	37	9	0	6	11	5	0	5	0	1
	EXP.	22.2	4.4	0.9	3.8	5.8	3.4	1.1	1.1	0.8	1.0
	CONF.LIMIT	2.075	3.244	2.475	2.771	2.848	2.758	2.182	8.598	2.916	3.938
	OBS./EXP.	1.666	2.055	0.000	1.578	1.887	1.486	0.000	4.633	0.000	1.017
	CONF.LIMIT	1.326	1.242	0.000	0.831	1.205	0.725	0.000	2.260	0.000	0.100
	TEST		A=B?	C=D?	AB=CD?	CD=E?	CD=F?	CD=G?	CD=H?		
	PROB.		0.1771	0.4657	0.5000	0.4781	0.1712	0.0638	0.2624		

DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 9 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1799	400	932	251	70	47	49	50
	EXP.	1842.6	427.2	949.7	257.5	71.0	49.2	41.9	46.1
	CONF.LIMIT	1.007	0.999	1.024	1.058	1.154	1.161	1.414	1.310
	OBS./EXP.	0.976	0.936	0.981	0.975	0.985	0.956	1.169	1.085
	CONF.LIMIT	0.947	0.877	0.940	0.897	0.838	0.782	0.961	0.894
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2264	0.4781	0.5000	0.4871	0.4680	0.1272	0.2659
1965-69	OBS.	486	116	251	69	14	7	16	13
	EXP.	467.6	116.1	235.1	63.4	17.2	12.5	10.9	12.4
	CONF.LIMIT	1.102	1.129	1.159	1.277	1.173	0.939	2.052	1.528
	OBS./EXP.	1.039	0.999	1.068	1.089	0.816	0.558	1.462	1.048
	CONF.LIMIT	0.979	0.882	0.982	0.924	0.552	0.311	1.018	0.697
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2975	0.4655	0.2040	0.4173	0.0620	0.1314	0.3960
1970-72	OBS.	286	71	149	37	9	6	11	3
	EXP.	298.6	74.9	149.2	40.1	10.8	8.2	7.1	8.3
	CONF.LIMIT	1.035	1.108	1.112	1.150	1.314	1.292	2.354	0.802
	OBS./EXP.	0.958	0.947	0.999	0.923	0.832	0.736	1.560	0.360
	CONF.LIMIT	0.886	0.806	0.895	0.735	0.503	0.387	0.996	0.133
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3873	0.3738	0.3714	0.3097	0.3082	0.0957	0.3656

DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 9 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	14	5	6	0	0	0	2	1
	EXP.	10.1	2.5	5.3	1.5	0.3	0.2	0.2	0.2
	CONF.LIMIT	1.991	3.753	1.998	1.579	6.799	10.573	28.006	23.915
	OBS./EXP.	1.385	2.022	1.138	0.000	0.000	0.000	10.526	6.177
	CONF.LIMIT	0.937	0.987	0.599	0.000	0.000	0.000	2.810	0.607
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2544	0.2315	0.5000	0.1725	0.5000	0.0294	0.1079
1965-69	OBS.	7	3	3	0	0	0	0	1
	EXP.	4.1	1.0	2.1	0.6	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.876	6.663	3.133	3.899	16.760	25.977	29.781	59.127
	OBS./EXP.	1.709	2.991	1.406	0.000	0.000	0.000	0.000	15.272
	CONF.LIMIT	0.953	1.104	0.519	0.000	0.000	0.000	0.000	1.500
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2932	0.4808	0.5000	0.4149	0.5000	0.5000	0.5000
1970-72	OBS.	5	2	2	0	0	0	1	0
	EXP.	4.5	1.1	2.4	0.6	0.2	0.1	0.1	0.1
	CONF.LIMIT	2.061	4.845	2.261	3.543	15.237	24.262	46.239	32.312
	OBS./EXP.	1.111	1.821	0.850	0.000	0.000	0.000	11.943	0.000
	CONF.LIMIT	0.542	0.486	0.227	0.000	0.000	0.000	1.173	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3804	0.5000	0.5000	0.5000	0.5000	0.0995	0.1969

TABLE 9 -3 DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	52	19	25	1	0	2	3	2
	EXP.	53.5	13.5	26.0	5.8	1.7	1.8	1.9	2.8
	CONF.LIMIT	1.169	1.919	1.260	0.671	1.318	2.896	3.495	1.934
	OBS./EXP.	0.972	1.407	0.963	0.173	0.000	1.088	1.569	0.727
	CONF.LIMIT	0.804	1.013	0.726	0.017	0.000	0.291	0.579	0.194
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1332	0.0366	0.1966	0.0114	0.5000	0.3011	0.3264
1965-69	OBS.	24	11	11	0	0	0	1	1
	EXP.	19.6	5.0	9.5	2.1	0.6	0.7	0.7	1.0
	CONF.LIMIT	1.614	3.346	1.749	1.089	3.606	3.439	5.543	3.900
	OBS./EXP.	1.227	2.217	1.159	0.000	0.000	0.000	1.432	1.007
	CONF.LIMIT	0.919	1.416	0.740	0.000	0.000	0.000	0.141	0.099
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0948	0.1097	0.4890	0.0609	0.4730	0.5000	0.5000
1970-72	OBS.	13	2	7	1	0	1	1	1
	EXP.	17.2	4.4	8.4	1.9	0.6	0.6	0.6	0.9
	CONF.LIMIT	1.100	1.221	1.403	2.085	4.105	6.538	6.320	4.478
	OBS./EXP.	0.754	0.459	0.834	0.539	0.000	1.689	1.632	1.157
	CONF.LIMIT	0.502	0.123	0.465	0.053	0.000	0.166	0.160	0.114
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3566	0.5000	0.5000	0.4362	0.4205	0.4309	0.3147

TABLE 9 -4 DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	177	43	86	27	5	3	10	3
	EXP.	198.7	51.4	97.9	25.4	6.7	5.3	5.6	6.4
	CONF.LIMIT	0.983	1.025	1.013	1.378	1.378	1.259	2.771	1.037
	OBS./EXP.	0.891	0.837	0.878	1.064	0.743	0.565	1.798	0.465
	CONF.LIMIT	0.806	0.678	0.759	0.812	0.362	0.209	1.120	0.172
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4368	0.2187	0.4643	0.3011	0.3222	0.0338	0.1795
1965-69	OBS.	62	13	29	13	2	0	4	1
	EXP.	63.0	16.5	30.9	8.0	2.1	1.7	1.8	2.1
	CONF.LIMIT	1.164	1.149	1.205	2.376	2.520	1.362	4.503	1.860
	OBS./EXP.	0.984	0.788	0.940	1.629	0.947	0.000	2.252	0.480
	CONF.LIMIT	0.828	0.524	0.724	1.084	0.253	0.000	0.986	0.047
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3626	0.0649	0.5000	0.0953	0.2134	0.1026	0.4302
1970-72	OBS.	43	11	22	7	1	0	2	0
	EXP.	52.6	13.8	25.8	6.6	1.7	1.4	1.5	1.8
	CONF.LIMIT	1.002	1.206	1.138	1.783	2.224	1.619	3.546	1.294
	OBS./EXP.	0.818	0.799	0.854	1.060	0.574	0.000	1.333	0.000
	CONF.LIMIT	0.663	0.510	0.631	0.591	0.056	0.000	0.356	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3783	0.5000	0.4588	0.3070	0.3838	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 9 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	764	172	381	116	34	22	20	19
	EXP.	817.5	197.0	411.7	113.1	31.1	23.9	20.0	20.8
	CONF.LIMIT	0.979	0.965	0.989	1.159	1.376	1.226	1.354	1.248
	OBS./EXP.	0.935	0.873	0.925	1.026	1.094	0.920	1.001	0.916
	CONF.LIMIT	0.892	0.789	0.865	0.906	0.861	0.679	0.727	0.659
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2805	0.1766	0.1935	0.1200	0.5000	0.3978	0.4430
1965-69	OBS.	233	59	115	34	8	5	7	5
	EXP.	240.6	60.2	119.8	32.7	8.9	7.0	5.8	6.2
	CONF.LIMIT	1.055	1.164	1.085	1.307	1.459	1.328	2.047	1.503
	OBS./EXP.	0.968	0.979	0.960	1.039	0.898	0.715	1.217	0.810
	CONF.LIMIT	0.888	0.820	0.847	0.818	0.523	0.349	0.678	0.395
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4787	0.3724	0.5000	0.4208	0.3495	0.3229	0.5000
1970-72	OBS.	145	35	78	17	4	5	4	2
	EXP.	166.2	41.6	82.8	22.8	6.1	4.8	3.8	4.3
	CONF.LIMIT	0.973	1.056	1.094	1.035	1.313	1.929	2.091	1.237
	OBS./EXP.	0.872	0.842	0.942	0.746	0.657	1.039	1.046	0.465
	CONF.LIMIT	0.781	0.666	0.808	0.525	0.288	0.507	0.458	0.124
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3306	0.2339	0.3355	0.1780	0.4814	0.4919	0.4386

DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 9 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	792	161	434	107	31	20	14	25
	EXP.	762.8	162.8	408.9	111.9	31.1	17.9	14.3	15.9
	CONF.LIMIT	1.087	1.096	1.130	1.086	1.267	1.513	1.411	2.051
	OBS./EXP.	1.038	0.989	1.061	0.956	0.996	1.118	0.981	1.567
	CONF.LIMIT	0.991	0.890	0.997	0.840	0.775	0.812	0.664	1.182
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2370	0.1833	0.4101	0.1789	0.4414	0.4525	0.5000
1965-69	OBS.	160	30	93	22	4	2	4	5
	EXP.	140.4	33.4	72.8	20.0	5.4	3.1	2.6	3.1
	CONF.LIMIT	1.264	1.147	1.465	1.467	1.489	1.712	3.029	2.998
	OBS./EXP.	1.140	0.898	1.278	1.101	0.744	0.644	1.515	1.615
	CONF.LIMIT	1.026	0.696	1.111	0.813	0.326	0.172	0.663	0.788
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0572	0.3105	0.2082	0.1914	0.2484	0.4425	0.4076
1970-72	OBS.	80	21	40	12	4	0	3	0
	EXP.	58.0	14.2	29.8	8.2	2.3	1.2	1.0	1.3
	CONF.LIMIT	1.598	1.992	1.655	2.178	3.519	1.862	6.491	1.743
	OBS./EXP.	1.379	1.484	1.340	1.469	1.760	0.000	2.913	0.000
	CONF.LIMIT	1.185	1.087	1.077	0.959	0.770	0.000	1.075	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3983	0.4433	0.3791	0.3723	0.1975	0.1723	0.5000

TABLE 9 -7 DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1054	240	549	139	34	32	29	31
	EXP.	1060.1	249.3	537.9	140.6	40.1	31.0	26.9	34.3
	CONF.LIMIT	1.035	1.048	1.079	1.105	1.066	1.309	1.384	1.149
	OBS./EXP.	0.994	0.963	1.021	0.988	0.847	1.033	1.079	0.903
	CONF.LIMIT	0.955	0.884	0.965	0.883	0.667	0.807	0.831	0.702
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2389	0.3894	0.1711	0.2461	0.4985	0.4121	0.4242
1965-69	OBS.	277	62	147	37	8	6	9	8
	EXP.	263.3	67.3	129.4	33.6	9.4	7.8	6.8	9.1
	CONF.LIMIT	1.138	1.090	1.266	1.372	1.387	1.358	2.085	1.421
	OBS./EXP.	1.052	0.922	1.136	1.102	0.854	0.773	1.320	0.875
	CONF.LIMIT	0.972	0.775	1.018	0.877	0.498	0.407	0.798	0.510
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0958	0.4761	0.2794	0.3517	0.2410	0.3788	0.4203
1970-72	OBS.	165	46	82	19	5	3	7	3
	EXP.	161.2	41.9	78.4	20.3	5.6	4.8	4.2	6.0
	CONF.LIMIT	1.134	1.335	1.210	1.279	1.671	1.388	2.775	1.122
	OBS./EXP.	1.024	1.097	1.046	0.938	0.900	0.623	1.650	0.503
	CONF.LIMIT	0.923	0.895	0.901	0.675	0.439	0.230	0.920	0.186
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4298	0.3899	0.4814	0.3541	0.2685	0.1727	0.4856

TABLE 9 -8 DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	745	160	383	112	36	15	20	19
	EXP.	782.5	177.9	411.8	116.9	30.9	18.2	15.0	11.7
	CONF.LIMIT	0.998	0.998	0.994	1.085	1.455	1.170	1.799	2.208
	OBS./EXP.	0.952	0.899	0.930	0.958	1.165	0.824	1.330	1.619
	CONF.LIMIT	0.908	0.810	0.870	0.844	0.924	0.566	0.966	1.166
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3807	0.4089	0.1104	0.2359	0.3829	0.0700	0.2621
1965-69	OBS.	209	54	104	32	6	1	7	5
	EXP.	204.3	48.8	105.7	29.8	7.8	4.8	4.1	3.3
	CONF.LIMIT	1.120	1.325	1.119	1.361	1.352	0.809	2.852	2.844
	OBS./EXP.	1.023	1.106	0.984	1.074	0.770	0.209	1.695	1.532
	CONF.LIMIT	0.933	0.918	0.862	0.839	0.405	0.021	0.945	0.748
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2671	0.3636	0.3656	0.4752	0.0552	0.1254	0.4904
1970-72	OBS.	121	25	67	18	4	3	4	0
	EXP.	137.4	33.0	70.8	19.8	5.3	3.3	2.8	2.4
	CONF.LIMIT	0.993	0.991	1.113	1.249	1.520	2.003	2.848	0.968
	OBS./EXP.	0.881	0.758	0.947	0.908	0.760	0.899	1.424	0.000
	CONF.LIMIT	0.780	0.571	0.802	0.647	0.333	0.332	0.623	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2037	0.4992	0.4499	0.4317	0.5000	0.2870	0.3777

DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH TABLE 9 -9
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1478	320	795	203	55	38	33	34
	EXP.	1471.7	338.2	792.0	203.2	53.0	32.7	25.3	27.2
	CONF.LIMIT	1.039	1.018	1.051	1.095	1.241	1.445	1.645	1.570
	OBS./EXP.	1.004	0.946	1.004	0.999	1.038	1.164	1.303	1.248
	CONF.LIMIT	0.971	0.879	0.958	0.910	0.863	0.929	1.022	0.983
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1957	0.4946	0.4247	0.4937	0.2036	0.0800	0.0594
1965-69	OBS.	395	92	213	55	9	6	13	7
	EXP.	373.4	93.3	195.2	50.3	12.7	8.2	6.4	7.4
	CONF.LIMIT	1.129	1.132	1.193	1.309	1.116	1.287	2.960	1.598
	OBS./EXP.	1.058	0.986	1.091	1.094	0.707	0.733	2.029	0.950
	CONF.LIMIT	0.990	0.857	0.997	0.910	0.427	0.386	1.350	0.529
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2287	0.5000	0.1344	0.3375	0.2284	0.0190	0.2593
1970-72	OBS.	227	60	120	29	7	4	6	1
	EXP.	237.4	59.9	123.5	31.9	8.0	5.2	4.0	4.9
	CONF.LIMIT	1.043	1.190	1.096	1.165	1.475	1.544	2.632	0.783
	OBS./EXP.	0.956	1.002	0.972	0.908	0.877	0.772	1.499	0.202
	CONF.LIMIT	0.876	0.840	0.860	0.700	0.489	0.338	0.789	0.020
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4504	0.4179	0.4902	0.3878	0.4378	0.2056	0.4122

DEATHS FROM MALIGNANT NEOPLASMS OF THE STOMACH TABLE 9-10
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	321	80	137	48	15	9	16	16
	EXP.	370.9	88.9	157.7	54.3	18.0	16.5	16.6	18.8
	CONF.LIMIT	0.931	1.043	0.972	1.070	1.180	0.861	1.353	1.194
	OBS./EXP.	0.865	0.900	0.869	0.883	0.831	0.545	0.964	0.850
	CONF.LIMIT	0.804	0.773	0.775	0.724	0.571	0.329	0.671	0.592
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4269	0.4887	0.5000	0.5000	0.1175	0.3848	0.3017
1965-69	OBS.	91	24	38	14	5	1	3	6
	EXP.	94.2	22.8	39.9	13.1	4.4	4.4	4.5	5.0
	CONF.LIMIT	1.109	1.383	1.183	1.533	2.094	0.889	1.473	2.091
	OBS./EXP.	0.966	1.051	0.953	1.066	1.128	0.230	0.661	1.190
	CONF.LIMIT	0.839	0.787	0.761	0.721	0.550	0.023	0.244	0.627
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3988	0.4107	0.4326	0.3719	0.0925	0.3854	0.1113
1970-72	OBS.	59	11	29	8	2	2	5	2
	EXP.	61.2	15.1	25.7	8.1	2.8	3.0	3.0	3.4
	CONF.LIMIT	1.146	1.101	1.446	1.596	1.879	1.791	3.044	1.569
	OBS./EXP.	0.964	0.729	1.127	0.982	0.706	0.673	1.640	0.590
	CONF.LIMIT	0.807	0.466	0.869	0.572	0.188	0.180	0.800	0.157
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1444	0.4522	0.3945	0.3505	0.3640	0.2895	0.5000

TABLE 9A -1 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1120	260	578	143	51	28	39	21
	EXP.	1022.7	238.7	527.2	143.9	39.4	26.8	22.7	24.1
	CONF.LIMIT	1.138	1.181	1.157	1.109	1.560	1.347	2.126	1.172
	OBS./EXP.	1.095	1.089	1.096	0.994	1.295	1.045	1.717	0.873
	CONF.LIMIT	1.053	1.004	1.038	0.889	1.069	0.801	1.376	0.639
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4821	0.1593	0.1391	0.3537	0.4502	0.0039	0.0566
1965-69	OBS.	301	72	151	35	17	8	12	6
	EXP.	284.5	70.3	143.8	39.1	10.5	7.5	6.5	7.0
	CONF.LIMIT	1.140	1.198	1.169	1.123	2.248	1.740	2.747	1.507
	OBS./EXP.	1.058	1.025	1.050	0.896	1.619	1.070	1.853	0.858
	CONF.LIMIT	0.980	0.873	0.942	0.708	1.141	0.624	1.210	0.452
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4627	0.2284	0.0554	0.5000	0.5000	0.0372	0.1121
1970-72	OBS.	186	50	85	25	9	6	6	5
	EXP.	185.9	46.4	93.3	25.3	6.8	5.0	4.3	4.8
	CONF.LIMIT	1.101	1.300	1.051	1.295	2.093	2.119	2.466	1.922
	OBS./EXP.	1.001	1.077	0.911	0.990	1.325	1.206	1.404	1.036
	CONF.LIMIT	0.908	0.887	0.786	0.746	0.801	0.635	0.739	0.505
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1940	0.3930	0.1760	0.2531	0.3130	0.2086	0.1524

TABLE 9A -2 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	5	2	1	0	0	0	1	1
	EXP.	5.5	1.4	2.9	0.8	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.676	3.937	1.340	2.861	12.484	19.710	37.277	44.982
	OBS./EXP.	0.903	1.480	0.346	0.000	0.000	0.000	9.628	11.618
	CONF.LIMIT	0.441	0.395	0.034	0.000	0.000	0.000	0.946	1.141
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2400	0.5000	0.5000	0.5000	0.5000	0.0682	0.1368
1965-69	OBS.	4	1	1	0	0	0	1	1
	EXP.	2.2	0.5	1.1	0.3	0.1	0.0	0.0	0.0
	CONF.LIMIT	3.641	7.207	3.381	7.202	31.447	49.346	94.315	113.470
	OBS./EXP.	1.821	1.862	0.873	0.000	0.000	0.000	24.361	29.308
	CONF.LIMIT	0.797	0.183	0.086	0.000	0.000	0.000	2.393	2.879
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.0680	0.1372
1970-72	OBS.	1	1	0	0	0	0	0	0
	EXP.	2.1	0.5	1.1	0.3	0.1	0.0	0.0	0.0
	CONF.LIMIT	1.813	7.442	2.059	7.410	32.299	51.872	57.920	69.973
	OBS./EXP.	0.468	1.922	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.046	0.189	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3177	X	X	X	X	X	X

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH — TABLE 9A -3
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	29	10	12	3	0	2	2	0
	EXP.	24.6	6.2	12.0	2.6	0.8	0.8	0.9	1.2
	CONF.LIMIT	1.514	2.475	1.482	2.554	2.894	6.304	5.998	1.901
	OBS./EXP.	1.180	1.606	1.000	1.146	0.000	2.369	2.254	0.000
	CONF.LIMIT	0.909	1.000	0.653	0.423	0.000	0.632	0.602	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1851	0.5000	0.4632	0.5000	0.2337	0.2503	0.1333
1965-69	OBS.	11	2	6	1	0	1	1	0
	EXP.	8.8	2.2	4.3	0.9	0.3	0.3	0.3	0.4
	CONF.LIMIT	1.890	2.378	2.459	4.148	8.123	12.903	12.208	5.399
	OBS./EXP.	1.252	0.894	1.400	1.071	0.000	3.333	3.153	0.000
	CONF.LIMIT	0.800	0.239	0.737	0.105	0.000	0.327	0.310	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4446	0.5000	0.5000	0.5000	0.3773	0.3933	0.2665
1970-72	OBS.	16	7	5	2	0	1	1	0
	EXP.	8.5	2.2	4.2	0.9	0.3	0.3	0.3	0.4
	CONF.LIMIT	2.641	5.465	2.234	5.894	8.373	13.225	12.685	5.488
	OBS./EXP.	1.882	3.248	1.204	2.215	0.000	3.416	3.277	0.000
	CONF.LIMIT	1.310	1.811	0.587	0.591	0.000	0.336	0.322	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0751	0.3636	0.5000	0.4799	0.3354	0.3465	0.2169

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH — TABLE 9A -4
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	118	35	52	13	5	2	6	5
	EXP.	107.9	27.9	53.2	13.8	3.7	2.8	3.0	3.4
	CONF.LIMIT	1.235	1.570	1.175	1.370	2.530	1.867	3.557	2.740
	OBS./EXP.	1.094	1.252	0.977	0.939	1.363	0.702	2.025	1.476
	CONF.LIMIT	0.967	0.990	0.808	0.625	0.665	0.187	1.066	0.720
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1502	0.5000	0.3060	0.4724	0.4779	0.0845	0.2275
1965-69	OBS.	44	11	19	4	3	2	2	3
	EXP.	36.9	9.6	18.1	4.7	1.2	1.0	1.0	1.2
	CONF.LIMIT	1.459	1.721	1.431	1.699	5.375	5.458	5.229	5.711
	OBS./EXP.	1.193	1.140	1.049	0.850	2.413	2.051	1.965	2.563
	CONF.LIMIT	0.969	0.728	0.755	0.372	0.891	0.548	0.525	0.946
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4817	0.4700	0.1650	0.4723	0.2918	0.3085	0.1887
1970-72	OBS.	27	11	8	3	1	0	2	2
	EXP.	32.5	8.5	16.0	4.1	1.1	0.9	0.9	1.0
	CONF.LIMIT	1.075	1.953	0.813	1.618	3.545	2.662	5.904	5.090
	OBS./EXP.	0.830	1.294	0.500	0.726	0.916	0.000	2.219	1.913
	CONF.LIMIT	0.633	0.826	0.292	0.268	0.090	0.000	0.592	0.511
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0327	0.4003	0.4483	0.3396	0.5000	0.0964	0.2618

TABLE 9A -5 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	489	123	240	68	20	15	16	7
	EXP.	465.3	112.2	234.7	65.1	17.7	13.4	11.2	11.1
	CONF.LIMIT	1.114	1.234	1.113	1.227	1.525	1.590	2.012	1.061
	OBS./EXP.	1.051	1.096	1.023	1.045	1.128	1.120	1.433	0.631
	CONF.LIMIT	0.990	0.972	0.939	0.886	0.819	0.769	0.998	0.351
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2812	0.4588	0.3694	0.3985	0.4036	0.1133	0.1516
1965-69	OBS.	158	45	80	18	7	3	3	2
	EXP.	147.8	36.8	73.9	20.4	5.5	4.2	3.5	3.5
	CONF.LIMIT	1.186	1.492	1.255	1.213	2.134	1.583	1.918	1.504
	OBS./EXP.	1.069	1.223	1.083	0.882	1.268	0.711	0.861	0.565
	CONF.LIMIT	0.961	0.996	0.931	0.629	0.707	0.262	0.318	0.151
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2844	0.2605	0.4008	0.3530	0.3375	0.4826	0.2916
1970-72	OBS.	100	24	45	17	4	5	3	2
	EXP.	103.9	25.8	52.0	14.4	3.8	3.0	2.4	2.5
	CONF.LIMIT	1.098	1.223	1.056	1.635	2.083	3.142	2.831	2.123
	OBS./EXP.	0.962	0.929	0.866	1.177	1.042	1.693	1.271	0.798
	CONF.LIMIT	0.841	0.696	0.705	0.830	0.456	0.826	0.469	0.213
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4335	0.1686	0.4380	0.1693	0.1299	0.3469	0.1144

TABLE 9A -6 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	479	90	273	59	26	9	14	8
	EXP.	419.4	91.0	224.4	61.6	17.0	9.6	7.6	8.3
	CONF.LIMIT	1.212	1.137	1.316	1.139	1.990	1.482	2.651	1.571
	OBS./EXP.	1.142	0.989	1.217	0.958	1.529	0.939	1.843	0.967
	CONF.LIMIT	1.076	0.858	1.123	0.802	1.160	0.567	1.247	0.563
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0506	0.0564	0.1500	0.1909	0.2837	0.0788	0.3598
1965-69	OBS.	84	13	45	12	7	2	5	0
	EXP.	88.9	21.1	46.3	12.7	3.4	1.9	1.6	1.8
	CONF.LIMIT	1.092	0.901	1.184	1.399	3.480	2.758	5.748	1.260
	OBS./EXP.	0.945	0.618	0.971	0.944	2.068	1.036	3.097	0.000
	CONF.LIMIT	0.816	0.411	0.791	0.616	1.153	0.277	1.511	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0985	0.5000	0.0615	0.2758	0.5000	0.0261	0.0738
1970-72	OBS.	42	7	27	3	4	0	0	1
	EXP.	38.8	9.4	20.1	5.5	1.5	0.8	0.7	0.8
	CONF.LIMIT	1.329	1.251	1.739	1.219	5.283	2.808	3.456	4.699
	OBS./EXP.	1.082	0.744	1.343	0.547	2.642	0.000	0.000	1.214
	CONF.LIMIT	0.874	0.415	1.024	0.202	1.157	0.000	0.000	0.119
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1137	0.1038	0.1688	0.3198	0.3403	0.4151	0.1461

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH — TABLE 9A -7
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	649	140	344	80	28	16	25	16
	EXP.	535.3	127.2	270.7	70.8	20.2	15.6	13.5	17.4
	CONF.LIMIT	1.276	1.229	1.363	1.310	1.791	1.441	2.417	1.293
	OBS./EXP.	1.212	1.100	1.271	1.130	1.389	1.027	1.847	0.922
	CONF.LIMIT	1.152	0.983	1.184	0.971	1.065	0.715	1.392	0.642
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0832	0.1907	0.3515	0.2904	0.2465	0.0419	0.2889
1965-69	OBS.	164	39	88	13	10	4	6	4
	EXP.	145.1	37.0	71.3	18.5	5.2	4.3	3.7	5.0
	CONF.LIMIT	1.252	1.304	1.420	1.023	2.983	1.875	2.815	1.593
	OBS./EXP.	1.130	1.053	1.234	0.701	1.936	0.938	1.603	0.797
	CONF.LIMIT	1.019	0.844	1.069	0.467	1.205	0.411	0.844	0.349
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2357	0.0374	0.1118	0.1835	0.4016	0.3280	0.5000
1970-72	OBS.	109	28	50	15	7	2	4	3
	EXP.	90.9	23.6	44.2	11.4	3.1	2.7	2.4	3.4
	CONF.LIMIT	1.361	1.526	1.365	1.863	3.755	1.968	3.348	1.993
	OBS./EXP.	1.199	1.184	1.131	1.312	2.232	0.740	1.674	0.895
	CONF.LIMIT	1.055	0.908	0.931	0.901	1.244	0.197	0.733	0.330
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4640	0.3508	0.0815	0.1534	0.4175	0.2994	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH — TABLE 9A -8
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	471	120	234	63	23	12	14	5
	EXP.	487.4	111.5	256.5	73.1	19.2	11.2	9.2	6.7
	CONF.LIMIT	1.026	1.214	0.994	1.019	1.584	1.587	2.195	1.385
	OBS./EXP.	0.966	1.077	0.912	0.862	1.196	1.071	1.526	0.746
	CONF.LIMIT	0.910	0.953	0.837	0.726	0.890	0.699	1.033	0.364
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0767	0.3759	0.1240	0.4551	0.3334	0.0383	0.0613
1965-69	OBS.	137	33	63	22	7	4	6	2
	EXP.	139.5	33.2	72.4	20.5	5.3	3.2	2.7	2.0
	CONF.LIMIT	1.099	1.253	1.028	1.428	2.207	2.493	3.858	2.697
	OBS./EXP.	0.982	0.993	0.870	1.071	1.312	1.247	2.196	1.013
	CONF.LIMIT	0.876	0.779	0.733	0.791	0.731	0.546	1.156	0.271
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3014	0.2304	0.2035	0.1504	0.3164	0.0394	0.0346
1970-72	OBS.	77	22	35	10	2	4	2	2
	EXP.	95.0	22.8	49.1	13.8	3.7	2.3	1.9	1.5
	CONF.LIMIT	0.942	1.288	0.893	1.114	1.456	3.523	2.825	3.608
	OBS./EXP.	0.810	0.966	0.712	0.723	0.547	1.762	1.062	1.356
	CONF.LIMIT	0.694	0.713	0.563	0.450	0.146	0.771	0.283	0.362
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1591	0.5000	0.5000	0.5000	0.0922	0.3990	0.0966

TABLE 9A -9 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	876	198	479	112	31	20	23	13
	EXP.	820.6	190.7	440.6	113.9	29.5	17.8	13.9	14.3
	CONF.LIMIT	1.115	1.140	1.154	1.114	1.336	1.516	2.196	1.326
	OBS./EXP.	1.067	1.038	1.087	0.984	1.051	1.121	1.659	0.909
	CONF.LIMIT	1.021	0.945	1.024	0.867	0.817	0.814	1.234	0.605
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3102	0.1861	0.4734	0.1978	0.4788	0.0284	0.0920
1965-69	OBS.	228	54	121	28	11	7	6	1
	EXP.	228.5	56.8	119.8	31.1	7.8	4.9	3.9	4.2
	CONF.LIMIT	1.088	1.138	1.138	1.162	2.118	2.388	2.729	0.926
	OBS./EXP.	0.998	0.950	1.010	0.901	1.403	1.420	1.554	0.239
	CONF.LIMIT	0.914	0.789	0.894	0.691	0.896	0.791	0.818	0.023
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3887	0.3366	0.1786	0.5000	0.2437	0.2068	0.1166
1970-72	OBS.	142	37	70	19	5	3	4	4
	EXP.	148.7	37.3	77.5	20.2	5.0	3.2	2.5	2.9
	CONF.LIMIT	1.066	1.234	1.057	1.283	1.839	2.093	3.235	2.781
	OBS./EXP.	0.955	0.991	0.903	0.941	0.991	0.939	1.618	1.391
	CONF.LIMIT	0.854	0.789	0.768	0.677	0.484	0.347	0.708	0.609
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3567	0.4785	0.4868	0.4524	0.5000	0.1957	0.2701

TABLE 9A-10 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS EXCEPT STOMACH
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	244	62	99	31	20	8	16	8
	EXP.	202.1	48.0	86.6	30.0	9.9	8.9	8.8	9.8
	CONF.LIMIT	1.313	1.528	1.305	1.314	2.738	1.453	2.539	1.332
	OBS./EXP.	1.208	1.291	1.143	1.033	2.024	0.894	1.809	0.820
	CONF.LIMIT	1.110	1.086	0.999	0.803	1.471	0.521	1.259	0.478
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2492	0.3525	0.0122	0.2843	0.3226	0.0547	0.2632
1965-69	OBS.	73	18	30	7	6	1	6	5
	EXP.	56.0	13.4	23.9	8.0	2.7	2.5	2.6	2.8
	CONF.LIMIT	1.521	1.844	1.600	1.470	3.956	1.523	4.031	3.299
	OBS./EXP.	1.303	1.340	1.253	0.874	2.253	0.393	2.295	1.777
	CONF.LIMIT	1.112	0.955	0.970	0.487	1.186	0.039	1.208	0.867
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4641	0.2604	0.1459	0.5000	0.1879	0.1376	0.4911
1970-72	OBS.	44	13	15	6	4	3	2	1
	EXP.	37.2	9.1	15.8	5.1	1.7	1.8	1.8	2.0
	CONF.LIMIT	1.445	2.090	1.347	2.080	4.580	3.755	2.956	1.983
	OBS./EXP.	1.182	1.433	0.949	1.184	2.291	1.685	1.111	0.512
	CONF.LIMIT	0.960	0.954	0.652	0.623	1.003	0.622	0.297	0.050
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1797	0.4025	0.1134	0.1873	0.2723	0.5000	0.3044

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS — TABLE 10 -1
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2919	660	1510	394	121	75	88	71
	EXP.	2865.3	665.8	1476.9	401.4	110.4	76.0	64.6	70.1
	CONF.LIMIT	1.043	1.043	1.057	1.048	1.235	1.150	1.567	1.185
	OBS./EXP.	1.019	0.991	1.022	0.982	1.096	0.987	1.362	1.013
	CONF.LIMIT	0.995	0.942	0.989	0.919	0.970	0.844	1.179	0.862
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2618	0.2455	0.2423	0.3880	0.4130	0.0050	0.0676
1965-69	OBS.	787	188	402	104	31	15	28	19
	EXP.	752.2	186.4	378.8	102.5	27.7	20.0	17.4	19.4
	CONF.LIMIT	1.096	1.110	1.132	1.155	1.425	1.064	2.071	1.335
	OBS./EXP.	1.046	1.009	1.061	1.015	1.120	0.749	1.607	0.979
	CONF.LIMIT	0.999	0.916	0.994	0.890	0.872	0.515	1.233	0.705
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2995	0.3669	0.4117	0.4323	0.1183	0.0198	0.3324
1970-72	OBS.	472	121	234	62	18	12	17	8
	EXP.	484.5	121.4	242.5	65.3	17.6	13.1	11.3	13.2
	CONF.LIMIT	1.034	1.124	1.051	1.123	1.406	1.355	2.085	0.988
	OBS./EXP.	0.974	0.997	0.965	0.949	1.022	0.914	1.501	0.608
	CONF.LIMIT	0.917	0.883	0.885	0.798	0.728	0.597	1.058	0.354
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4036	0.4871	0.4413	0.5000	0.5000	0.0477	0.1654

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS — TABLE 10 -2
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	19	7	7	0	0	0	3	2
	EXP.	15.6	3.8	8.2	2.3	0.5	0.3	0.3	0.2
	CONF.LIMIT	1.656	3.079	1.443	1.018	4.402	6.882	22.745	21.461
	OBS./EXP.	1.214	1.830	0.858	0.000	0.000	0.000	10.209	8.066
	CONF.LIMIT	0.874	1.020	0.478	0.000	0.000	0.000	3.768	2.153
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1234	0.1807	0.5000	0.1283	0.5000	0.0042	0.0299
1965-69	OBS.	11	4	4	0	0	0	1	2
	EXP.	6.3	1.5	3.3	0.9	0.2	0.1	0.1	0.1
	CONF.LIMIT	2.639	5.193	2.439	2.529	10.933	17.018	32.733	53.428
	OBS./EXP.	1.748	2.597	1.220	0.000	0.000	0.000	8.455	20.080
	CONF.LIMIT	1.117	1.137	0.534	0.000	0.000	0.000	0.831	5.360
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2312	0.3756	0.5000	0.3088	0.5000	0.1624	0.3108
1970-72	OBS.	6	3	2	0	0	0	1	0
	EXP.	6.6	1.6	3.5	1.0	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.587	4.129	1.533	2.397	10.353	16.530	31.364	22.105
	OBS./EXP.	0.904	1.853	0.576	0.000	0.000	0.000	8.101	0.000
	CONF.LIMIT	0.476	0.684	0.154	0.000	0.000	0.000	0.796	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1877	0.5000	0.5000	0.5000	0.5000	0.0995	0.1965

TABLE 10 -3 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	81	29	37	4	0	4	5	2
	EXP.	78.1	19.7	38.0	8.4	2.5	2.7	2.8	4.0
	CONF.LIMIT	1.202	1.886	1.214	0.953	0.906	2.983	3.315	1.343
	OBS./EXP.	1.038	1.470	0.975	0.477	0.000	1.492	1.786	0.505
	CONF.LIMIT	0.893	1.133	0.776	0.209	0.000	0.653	0.871	0.135
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0604	0.1266	0.0910	0.0432	0.2848	0.1592	0.1052
1965-69	OBS.	35	13	17	1	0	1	2	1
	EXP.	28.3	7.2	13.8	3.0	0.9	1.0	1.0	1.4
	CONF.LIMIT	1.548	2.634	1.713	1.271	2.497	3.996	5.240	2.729
	OBS./EXP.	1.235	1.806	1.234	0.328	0.000	1.032	1.969	0.705
	CONF.LIMIT	0.976	1.202	0.869	0.032	0.000	0.101	0.526	0.069
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1927	0.1368	0.3329	0.0651	0.5000	0.3784	0.4696
1970-72	OBS.	29	9	12	3	0	2	2	1
	EXP.	25.7	6.5	12.5	2.8	0.8	0.9	0.9	1.3
	CONF.LIMIT	1.445	2.182	1.418	2.422	2.754	6.013	5.798	3.016
	OBS./EXP.	1.127	1.382	0.957	1.087	0.000	2.260	2.179	0.779
	CONF.LIMIT	0.868	0.835	0.625	0.401	0.000	0.603	0.582	0.077
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2666	0.5000	0.4615	0.5000	0.2346	0.2467	0.1320

TABLE 10 -4 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	295	78	138	40	10	5	16	8
	EXP.	306.6	79.3	151.1	39.2	10.4	8.2	8.5	9.8
	CONF.LIMIT	1.038	1.142	1.021	1.259	1.482	1.137	2.634	1.322
	OBS./EXP.	0.962	0.983	0.913	1.020	0.962	0.613	1.877	0.813
	CONF.LIMIT	0.891	0.843	0.815	0.820	0.599	0.299	1.307	0.474
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3243	0.2943	0.4847	0.2995	0.2623	0.0039	0.1006
1965-69	OBS.	106	24	48	17	5	2	6	4
	EXP.	99.9	26.2	49.0	12.7	3.4	2.7	2.8	3.3
	CONF.LIMIT	1.206	1.208	1.188	1.861	2.766	1.998	3.771	2.460
	OBS./EXP.	1.061	0.918	0.980	1.340	1.490	0.751	2.147	1.230
	CONF.LIMIT	0.931	0.687	0.804	0.944	0.727	0.200	1.131	0.539
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4490	0.1616	0.2517	0.1162	0.5000	0.0701	0.1846
1970-72	OBS.	70	22	30	10	2	0	4	2
	EXP.	85.1	22.3	41.7	10.7	2.8	2.3	2.4	2.8
	CONF.LIMIT	0.964	1.317	0.918	1.436	1.878	1.007	3.330	1.885
	OBS./EXP.	0.823	0.988	0.719	0.932	0.706	0.000	1.665	0.708
	CONF.LIMIT	0.699	0.729	0.557	0.580	0.188	0.000	0.729	0.189
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1570	0.2894	0.5000	0.3228	0.2022	0.1114	0.4535

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 10 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1253	295	621	184	54	37	36	26
	EXP.	1282.8	309.1	646.4	178.1	48.8	37.3	31.1	31.9
	CONF.LIMIT	1.013	1.029	1.012	1.138	1.325	1.235	1.444	1.062
	OBS./EXP.	0.977	0.954	0.961	1.033	1.106	0.991	1.156	0.816
	CONF.LIMIT	0.942	0.884	0.912	0.937	0.918	0.789	0.917	0.619
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4775	0.2034	0.1738	0.1320	0.4499	0.1550	0.2131
1965-69	OBS.	391	104	195	52	15	8	10	7
	EXP.	388.4	97.0	193.7	53.1	14.4	11.2	9.2	9.7
	CONF.LIMIT	1.075	1.219	1.106	1.177	1.476	1.160	1.668	1.213
	OBS./EXP.	1.007	1.072	1.007	0.979	1.040	0.714	1.083	0.721
	CONF.LIMIT	0.942	0.939	0.916	0.809	0.714	0.416	0.674	0.402
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3226	0.4647	0.4907	0.4904	0.2239	0.4574	0.3454
1970-72	OBS.	245	59	123	34	8	10	7	4
	EXP.	270.1	67.4	134.8	37.2	9.9	7.8	6.2	6.8
	CONF.LIMIT	0.986	1.041	1.027	1.148	1.309	1.985	1.904	1.175
	OBS./EXP.	0.907	0.876	0.912	0.913	0.806	1.288	1.131	0.587
	CONF.LIMIT	0.834	0.733	0.809	0.719	0.470	0.802	0.631	0.257
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4316	0.5000	0.4529	0.4868	0.1790	0.3423	0.1547

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 10 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1271	251	707	166	57	29	28	33
	EXP.	1182.2	253.8	633.3	173.4	48.1	27.5	21.9	24.2
	CONF.LIMIT	1.115	1.074	1.172	1.060	1.412	1.354	1.650	1.719
	OBS./EXP.	1.075	0.989	1.116	0.957	1.184	1.056	1.280	1.362
	CONF.LIMIT	1.037	0.910	1.063	0.863	0.988	0.814	0.982	1.069
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0538	0.0412	0.3528	0.0956	0.4306	0.2607	0.4213
1965-69	OBS.	244	43	138	34	11	4	9	5
	EXP.	229.2	54.5	119.1	32.7	8.8	5.0	4.3	4.9
	CONF.LIMIT	1.157	0.968	1.295	1.308	1.896	1.588	3.340	1.886
	OBS./EXP.	1.064	0.790	1.158	1.040	1.256	0.794	2.115	1.016
	CONF.LIMIT	0.978	0.640	1.034	0.819	0.802	0.348	1.278	0.496
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0171	0.3250	0.4433	0.3895	0.3187	0.0693	0.2951
1970-72	OBS.	122	28	67	15	8	0	3	1
	EXP.	96.9	23.6	50.0	13.7	3.8	2.1	1.7	2.1
	CONF.LIMIT	1.419	1.531	1.577	1.560	3.433	1.120	3.943	1.806
	OBS./EXP.	1.260	1.188	1.341	1.099	2.112	0.000	1.770	0.466
	CONF.LIMIT	1.116	0.911	1.136	0.755	1.231	0.000	0.653	0.046
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3391	0.2951	0.1574	0.5000	0.0672	0.4046	0.2713

TABLE 10 -7 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1703	380	893	219	62	48	54	47
	EXP.	1595.4	376.5	808.6	211.4	60.3	46.6	40.4	51.7
	CONF.LIMIT	1.101	1.079	1.153	1.132	1.217	1.249	1.601	1.104
	OBS./EXP.	1.067	1.009	1.104	1.036	1.029	1.031	1.336	0.909
	CONF.LIMIT	1.034	0.944	1.057	0.947	0.865	0.846	1.109	0.744
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0754	0.2103	0.3227	0.1787	0.3555	0.0957	0.2962
1965-69	OBS.	441	101	235	50	18	10	15	12
	EXP.	408.4	104.3	200.7	52.1	14.5	12.0	10.6	14.2
	CONF.LIMIT	1.149	1.104	1.275	1.158	1.703	1.282	2.017	1.256
	OBS./EXP.	1.080	0.968	1.171	0.959	1.238	0.832	1.420	0.847
	CONF.LIMIT	1.014	0.847	1.074	0.790	0.882	0.518	0.976	0.553
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0622	0.1157	0.4449	0.1771	0.1878	0.2661	0.4453
1970-72	OBS.	274	74	132	34	12	5	11	6
	EXP.	252.1	65.6	122.7	31.7	8.7	7.5	6.6	9.3
	CONF.LIMIT	1.176	1.316	1.207	1.350	2.047	1.234	2.504	1.132
	OBS./EXP.	1.087	1.128	1.076	1.073	1.381	0.665	1.659	0.644
	CONF.LIMIT	1.004	0.964	0.958	0.845	0.902	0.324	1.059	0.339
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3972	0.5000	0.2389	0.3974	0.2032	0.1045	0.4654

TABLE 10 -8 DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1216	280	617	175	59	27	34	24
	EXP.	1269.9	289.4	668.3	190.0	50.1	29.4	24.2	18.4
	CONF.LIMIT	0.994	1.046	0.973	1.017	1.398	1.189	1.767	1.714
	OBS./EXP.	0.958	0.968	0.923	0.921	1.177	0.918	1.404	1.302
	CONF.LIMIT	0.923	0.894	0.876	0.833	0.985	0.700	1.106	0.975
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2673	0.5000	0.0418	0.2515	0.5000	0.0100	0.0660
1965-69	OBS.	346	87	167	54	13	5	13	7
	EXP.	343.8	82.1	178.2	50.3	13.1	8.0	6.9	5.2
	CONF.LIMIT	1.079	1.221	1.037	1.285	1.444	1.161	2.764	2.249
	OBS./EXP.	1.006	1.060	0.937	1.073	0.990	0.626	1.895	1.337
	CONF.LIMIT	0.938	0.917	0.846	0.890	0.659	0.305	1.261	0.745
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1919	0.2129	0.4664	0.2238	0.2574	0.0092	0.1738
1970-72	OBS.	198	47	102	28	6	7	6	2
	EXP.	232.4	55.8	119.9	33.7	8.9	5.6	4.7	3.9
	CONF.LIMIT	0.935	1.023	0.969	1.072	1.182	2.100	2.245	1.382
	OBS./EXP.	0.852	0.843	0.851	0.832	0.673	1.248	1.279	0.519
	CONF.LIMIT	0.775	0.689	0.745	0.638	0.354	0.696	0.673	0.139
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.3761	0.4181	0.2154	0.2227	0.1106

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 10 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2354	518	1274	315	86	58	56	47
	EXP.	2292.3	528.9	1232.6	317.1	82.5	50.5	39.2	41.6
	CONF.LIMIT	1.055	1.037	1.072	1.069	1.202	1.367	1.706	1.373
	OBS./EXP.	1.027	0.979	1.034	0.994	1.042	1.148	1.429	1.131
	CONF.LIMIT	1.000	0.925	0.997	0.922	0.901	0.960	1.190	0.926
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1576	0.2772	0.4852	0.3154	0.2308	0.0099	0.0187
1965-69	OBS.	623	146	334	83	20	13	19	8
	EXP.	602.0	150.1	315.0	81.3	20.6	13.1	10.3	11.5
	CONF.LIMIT	1.090	1.084	1.139	1.180	1.315	1.445	2.523	1.126
	OBS./EXP.	1.035	0.973	1.060	1.021	0.972	0.991	1.850	0.693
	CONF.LIMIT	0.982	0.871	0.987	0.880	0.706	0.659	1.332	0.404
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2071	0.4057	0.4073	0.3598	0.4758	0.0111	0.0954
1970-72	OBS.	369	97	190	48	12	7	10	5
	EXP.	386.0	97.2	201.0	52.1	13.0	8.4	6.5	7.8
	CONF.LIMIT	1.023	1.141	1.039	1.116	1.365	1.406	2.380	1.187
	OBS./EXP.	0.956	0.998	0.945	0.921	0.921	0.836	1.544	0.639
	CONF.LIMIT	0.893	0.870	0.858	0.755	0.601	0.466	0.962	0.312
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3523	0.4733	0.5000	0.4638	0.4671	0.0825	0.2548

DEATHS FROM MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 10-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	565	142	236	79	35	17	32	24
	EXP.	573.0	136.9	244.3	84.4	27.9	25.5	25.4	28.6
	CONF.LIMIT	1.041	1.158	1.052	1.086	1.571	0.927	1.594	1.106
	OBS./EXP.	0.986	1.037	0.966	0.936	1.253	0.668	1.258	0.840
	CONF.LIMIT	0.933	0.927	0.886	0.804	0.991	0.471	0.983	0.629
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2682	0.4344	0.0858	0.3503	0.0896	0.0921	0.5000
1965-69	OBS.	164	42	68	21	11	2	9	11
	EXP.	150.2	36.3	63.8	21.1	7.1	6.9	7.2	7.9
	CONF.LIMIT	1.209	1.423	1.251	1.333	2.340	0.772	1.987	2.114
	OBS./EXP.	1.092	1.158	1.065	0.993	1.550	0.290	1.258	1.401
	CONF.LIMIT	0.984	0.936	0.903	0.728	0.990	0.077	0.760	0.895
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3686	0.4451	0.1530	0.4234	0.0456	0.3704	0.2195
1970-72	OBS.	103	24	44	14	6	5	7	3
	EXP.	98.4	24.2	41.5	13.2	4.6	4.8	4.8	5.3
	CONF.LIMIT	1.192	1.308	1.295	1.524	2.302	1.953	2.429	1.251
	OBS./EXP.	1.047	0.994	1.059	1.060	1.311	1.052	1.444	0.561
	CONF.LIMIT	0.917	0.744	0.861	0.717	0.690	0.513	0.805	0.207
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4540	0.5000	0.3773	0.4595	0.5000	0.2818	0.3546

TABLE 11 -1 DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	374	88	171	56	14	17	13	15
	EXP.	250.9	61.0	126.8	34.2	9.5	6.9	5.9	6.7
	CONF.LIMIT	1.594	1.661	1.491	1.955	2.123	3.434	3.221	3.155
	OBS./EXP.	1.490	1.443	1.349	1.638	1.476	2.473	2.208	2.222
	CONF.LIMIT	1.393	1.250	1.219	1.364	0.999	1.743	1.470	1.527
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3250	0.1161	0.4128	0.1245	0.0106	0.0542	0.0030
1965-69	OBS.	147	32	68	22	7	6	5	7
	EXP.	84.8	21.2	42.4	11.4	3.1	2.3	2.0	2.4
	CONF.LIMIT	1.932	1.910	1.885	2.576	3.793	4.525	4.595	4.958
	OBS./EXP.	1.734	1.508	1.605	1.932	2.255	2.576	2.476	2.947
	CONF.LIMIT	1.553	1.178	1.362	1.427	1.257	1.356	1.208	1.643
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4304	0.2570	0.2510	0.1844	0.1882	0.2386	0.1021
1970-72	OBS.	94	24	46	12	3	4	3	2
	EXP.	54.8	13.9	27.2	7.3	2.0	1.5	1.3	1.6
	CONF.LIMIT	1.964	2.270	2.059	2.445	3.405	5.203	5.045	3.240
	OBS./EXP.	1.714	1.725	1.692	1.649	1.528	2.602	2.264	1.218
	CONF.LIMIT	1.492	1.292	1.382	1.077	0.564	1.139	0.836	0.325
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.2787	0.3997	0.2377

TABLE 11 -2 DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1	1	0	0	0	0	0	0
	EXP.	0.6	0.1	0.3	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	6.992	28.543	7.993	28.905	126.304	184.591	221.794	235.897
	OBS./EXP.	1.806	7.372	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.177	0.724	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3204	X	X	X	X	X	X
1965-69	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	CONF.LIMIT	15.315	62.619	29.559	106.977	482.180	635.359	787.671	812.721
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.3	0.1	0.2	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	6.616	27.040	12.700	45.872	197.764	307.487	362.776	389.831
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG — TABLE 11 -3
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	5	1	2	1	0	0	0	1
	EXP.	5.2	1.3	2.5	0.6	0.2	0.2	0.2	0.3
	CONF.LIMIT	1.777	2.912	2.096	7.028	13.597	12.716	12.099	14.742
	OBS./EXP.	0.958	0.752	0.788	1.815	0.000	0.000	0.000	3.808
	CONF.LIMIT	0.467	0.074	0.210	0.178	0.000	0.000	0.000	0.374
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4452	0.5000	0.5000	0.5000	0.5000	0.5000
1965-69	OBS.	3	1	1	1	0	0	0	0
	EXP.	2.0	0.5	1.0	0.2	0.1	0.1	0.1	0.1
	CONF.LIMIT	3.325	7.534	3.951	18.217	35.527	33.435	31.537	23.677
	OBS./EXP.	1.493	1.946	1.020	4.705	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.551	0.191	0.100	0.462	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3247	0.5000	0.3924	0.5000	0.5000	0.5000
1970-72	OBS.	2	0	1	0	0	0	0	1
	EXP.	2.0	0.5	1.0	0.2	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.630	4.485	3.921	10.785	35.174	32.932	31.533	38.058
	OBS./EXP.	0.988	0.000	1.013	0.000	0.000	0.000	0.000	9.830
	CONF.LIMIT	0.264	0.000	0.099	0.000	0.000	0.000	0.000	0.966
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG — TABLE 11 -4
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	32	10	17	3	0	1	0	1
	EXP.	26.9	7.1	13.2	3.4	0.9	0.7	0.8	0.9
	CONF.LIMIT	1.505	2.184	1.786	1.961	2.627	5.335	3.002	4.349
	OBS./EXP.	1.188	1.417	1.286	0.880	0.000	1.378	0.000	1.123
	CONF.LIMIT	0.928	0.883	0.906	0.325	0.000	0.135	0.000	0.110
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4749	0.3902	0.3362	0.2417	0.5000	0.3838	0.4425
1965-69	OBS.	12	4	5	2	0	1	0	0
	EXP.	10.0	2.6	4.9	1.3	0.3	0.3	0.3	0.3
	CONF.LIMIT	1.774	3.034	1.890	4.198	7.103	14.349	8.052	6.917
	OBS./EXP.	1.197	1.517	1.018	1.578	0.000	3.706	0.000	0.000
	CONF.LIMIT	0.781	0.664	0.497	0.421	0.000	0.364	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3893	0.4375	0.5000	0.5000	0.2745	0.5000	0.4743
1970-72	OBS.	13	5	6	1	0	0	0	1
	EXP.	9.5	2.5	4.7	1.2	0.3	0.3	0.3	0.3
	CONF.LIMIT	1.996	3.719	2.266	3.263	7.592	8.837	8.302	11.834
	OBS./EXP.	1.369	2.004	1.290	0.843	0.000	0.000	0.000	3.057
	CONF.LIMIT	0.911	0.978	0.679	0.083	0.000	0.000	0.000	0.300
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3297	0.5000	0.5000	0.4636	0.5000	0.5000	0.5000

TABLE 11 -5 DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	194	49	88	22	11	7	9	8
	EXP.	129.7	32.3	64.5	17.5	4.8	3.8	3.2	3.5
	CONF.LIMIT	1.643	1.835	1.569	1.674	3.440	3.065	4.488	3.684
	OBS./EXP.	1.496	1.517	1.363	1.256	2.279	1.822	2.842	2.267
	CONF.LIMIT	1.360	1.247	1.181	0.927	1.456	1.015	1.718	1.321
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3015	0.4182	0.0690	0.3805	0.2798	0.0381	0.0362
1965-69	OBS.	84	19	38	11	6	3	3	4
	EXP.	48.2	12.2	23.9	6.4	1.8	1.4	1.2	1.3
	CONF.LIMIT	2.014	2.129	1.977	2.577	5.966	4.694	5.721	6.021
	OBS./EXP.	1.744	1.561	1.592	1.708	3.397	2.107	2.568	3.011
	CONF.LIMIT	1.505	1.124	1.271	1.091	1.788	0.778	0.948	1.318
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4747	0.0799	0.2192	0.4085	0.2993	0.2589
1970-72	OBS.	46	12	25	3	3	1	2	0
	EXP.	33.5	8.5	16.6	4.5	1.2	1.0	0.8	1.0
	CONF.LIMIT	1.671	2.098	1.975	1.485	5.531	3.895	6.761	2.401
	OBS./EXP.	1.373	1.416	1.509	0.666	2.483	1.006	2.541	0.000
	CONF.LIMIT	1.121	0.924	1.138	0.246	0.916	0.099	0.678	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.1221	0.2961	0.2872	0.5000	0.3480	0.5000

TABLE 11 -6 DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	142	27	64	30	3	9	4	5
	EXP.	88.5	20.2	46.2	12.6	3.6	2.1	1.8	2.1
	CONF.LIMIT	1.791	1.733	1.636	3.031	1.859	6.725	4.561	4.510
	OBS./EXP.	1.605	1.338	1.386	2.373	0.834	4.259	2.281	2.430
	CONF.LIMIT	1.435	1.021	1.169	1.838	0.308	2.574	0.999	1.185
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4899	0.0092	0.2777	0.0447	0.0045	0.2380	0.0022
1965-69	OBS.	48	8	24	8	1	2	2	3
	EXP.	24.4	5.9	12.5	3.4	0.9	0.6	0.5	0.6
	CONF.LIMIT	2.380	2.215	2.523	3.777	4.098	9.458	10.864	10.883
	OBS./EXP.	1.964	1.363	1.917	2.325	1.058	3.555	4.083	4.885
	CONF.LIMIT	1.611	0.795	1.436	1.355	0.104	0.949	1.090	1.803
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2654	0.3827	0.4682	0.4972	0.3086	0.2563	0.1683
1970-72	OBS.	33	7	14	8	0	3	1	0
	EXP.	9.5	2.3	4.8	1.3	0.4	0.2	0.2	0.2
	CONF.LIMIT	4.397	5.023	4.200	9.822	6.136	32.485	21.345	9.213
	OBS./EXP.	3.484	2.986	2.921	6.044	0.000	14.580	5.513	0.000
	CONF.LIMIT	2.733	1.664	1.977	3.523	0.000	5.382	0.542	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.0832	0.3485	0.1956	0.0308	0.4271	0.0409

DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG — TABLE 11 -7
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	238	65	107	29	7	11	9	10
	EXP.	167.4	41.4	83.3	21.8	6.2	4.9	4.2	5.5
	CONF.LIMIT	1.548	1.852	1.459	1.708	1.898	3.374	3.346	2.781
	OBS./EXP.	1.422	1.572	1.284	1.331	1.128	2.235	2.119	1.805
	CONF.LIMIT	1.305	1.328	1.128	1.026	0.629	1.428	1.281	1.124
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1123	0.4658	0.4622	0.5000	0.0514	0.0956	0.0182
1965-69	OBS.	96	21	46	11	4	5	3	6
	EXP.	56.5	14.4	27.7	7.2	2.0	1.7	1.4	2.0
	CONF.LIMIT	1.945	1.951	2.020	2.300	3.976	5.570	4.612	5.375
	OBS./EXP.	1.700	1.454	1.660	1.524	1.988	3.001	2.070	3.060
	CONF.LIMIT	1.482	1.065	1.355	0.974	0.870	1.464	0.764	1.611
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3583	0.4762	0.4413	0.5000	0.1617	0.4424	0.1750
1970-72	OBS.	52	18	25	6	0	1	2	0
	EXP.	35.8	9.3	17.4	4.5	1.2	1.1	0.9	1.3
	CONF.LIMIT	1.749	2.661	1.882	2.336	1.871	3.602	5.709	1.739
	OBS./EXP.	1.454	1.935	1.438	1.330	0.000	0.930	2.146	0.000
	CONF.LIMIT	1.203	1.379	1.084	0.700	0.000	0.091	0.573	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2064	0.5000	0.1811	0.3219	0.5000	0.4026	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG — TABLE 11 -8
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	136	23	64	27	7	6	4	5
	EXP.	83.6	19.6	43.4	12.4	3.3	2.0	1.6	1.2
	CONF.LIMIT	1.821	1.551	1.739	2.817	3.589	5.392	4.878	7.679
	OBS./EXP.	1.627	1.172	1.473	2.176	2.133	3.070	2.439	4.137
	CONF.LIMIT	1.451	0.872	1.243	1.659	1.189	1.616	1.068	2.019
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2077	0.0541	0.2303	0.0416	0.0808	0.2347	0.0406
1965-69	OBS.	51	11	22	11	3	1	2	1
	EXP.	28.3	6.8	14.6	4.2	1.1	0.7	0.6	0.4
	CONF.LIMIT	2.168	2.450	2.002	3.984	6.118	5.841	9.326	9.339
	OBS./EXP.	1.800	1.623	1.502	2.640	2.746	1.509	3.505	2.412
	CONF.LIMIT	1.485	1.037	1.109	1.686	1.014	0.148	0.936	0.237
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4815	0.0843	0.2494	0.0621	0.5000	0.2267	0.3067
1970-72	OBS.	42	6	21	6	3	3	1	2
	EXP.	19.1	4.6	9.8	2.8	0.7	0.5	0.4	0.3
	CONF.LIMIT	2.704	2.286	2.877	3.811	9.110	14.455	9.858	16.648
	OBS./EXP.	2.201	1.301	2.143	2.170	4.089	6.488	2.546	6.257
	CONF.LIMIT	1.779	0.685	1.570	1.143	1.509	2.395	0.250	1.670
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1955	0.5000	0.2321	0.3881	0.0916	0.5000	0.1363

TABLE 11 -9 DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	288	65	134	49	13	10	8	9
	EXP.	200.3	48.6	105.5	27.1	7.1	4.6	3.5	4.0
	CONF.LIMIT	1.553	1.576	1.422	2.190	2.683	3.373	3.733	3.549
	OBS./EXP.	1.438	1.337	1.270	1.811	1.839	2.188	2.297	2.247
	CONF.LIMIT	1.330	1.130	1.132	1.489	1.224	1.363	1.339	1.358
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3915	0.0195	0.1226	0.0114	0.0623	0.0863	0.0150
1965-69	OBS.	113	26	52	18	6	4	3	4
	EXP.	67.7	17.0	35.2	9.0	2.3	1.5	1.2	1.4
	CONF.LIMIT	1.890	1.989	1.777	2.739	4.563	5.210	5.685	5.639
	OBS./EXP.	1.670	1.528	1.478	1.991	2.598	2.606	2.552	2.820
	CONF.LIMIT	1.472	1.159	1.222	1.419	1.368	1.141	0.942	1.235
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4870	0.1645	0.1457	0.0885	0.2061	0.2626	0.1271
1970-72	OBS.	71	19	33	12	3	1	2	1
	EXP.	43.6	11.1	22.5	5.8	1.5	1.0	0.7	1.0
	CONF.LIMIT	1.906	2.338	1.849	3.063	4.603	3.932	7.175	3.930
	OBS./EXP.	1.629	1.715	1.465	2.066	2.066	1.015	2.697	1.015
	CONF.LIMIT	1.387	1.234	1.149	1.349	0.763	0.100	0.720	0.100
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3386	0.1902	0.3734	0.1659	0.5000	0.3074	0.4774

TABLE 11-10 DEATHS FROM MALIGNANT NEOPLASMS OF TRACHEA, BRONCHUS AND LUNG
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	86	23	37	7	1	7	5	6
	EXP.	50.6	12.4	21.2	7.1	2.4	2.3	2.4	2.7
	CONF.LIMIT	1.958	2.459	2.170	1.648	1.602	5.109	3.860	3.839
	OBS./EXP.	1.698	1.857	1.742	0.980	0.414	3.037	2.080	2.186
	CONF.LIMIT	1.468	1.381	1.387	0.546	0.041	1.692	1.015	1.151
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4532	0.1124	0.0886	0.0407	0.1345	0.4268	0.1574
1965-69	OBS.	34	6	16	4	1	2	2	3
	EXP.	17.1	4.2	7.2	2.3	0.8	0.8	0.8	1.0
	CONF.LIMIT	2.499	2.504	3.133	3.409	4.868	6.704	6.305	6.986
	OBS./EXP.	1.987	1.426	2.232	1.705	1.257	2.520	2.370	3.135
	CONF.LIMIT	1.565	0.751	1.554	0.746	0.124	0.673	0.632	1.157
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2405	0.4286	0.4824	0.3451	0.5000	0.5000	0.5000
1970-72	OBS.	23	5	13	0	0	3	1	1
	EXP.	11.3	2.8	4.7	1.5	0.5	0.6	0.6	0.7
	CONF.LIMIT	2.704	3.275	4.073	1.566	4.500	12.096	6.639	5.888
	OBS./EXP.	2.042	1.764	2.792	0.000	0.000	5.429	1.715	1.521
	CONF.LIMIT	1.519	0.861	1.858	0.000	0.000	2.004	0.168	0.149
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2668	0.0283	0.2582	0.0100	0.2372	0.5000	0.4348

DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 12 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	480	100	230	78	19	17	15	21
	EXP.	327.1	78.7	165.9	44.8	12.4	8.9	7.6	8.7
	CONF.LIMIT	1.557	1.449	1.511	2.023	2.087	2.643	2.787	3.234
	OBS./EXP.	1.467	1.271	1.386	1.742	1.531	1.903	1.963	2.409
	CONF.LIMIT	1.382	1.111	1.271	1.494	1.102	1.341	1.349	1.765
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2538	0.0457	0.3720	0.0533	0.1221	0.1144	0.0460
1965-69	OBS.	175	37	81	29	9	6	5	8
	EXP.	104.6	26.2	52.3	14.1	3.8	2.9	2.5	2.9
	CONF.LIMIT	1.847	1.761	1.794	2.647	3.711	3.675	3.731	4.454
	OBS./EXP.	1.673	1.413	1.549	2.063	2.350	2.093	2.010	2.741
	CONF.LIMIT	1.513	1.125	1.333	1.590	1.420	1.102	0.981	1.598
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3614	0.1085	0.1479	0.0636	0.2988	0.3522	0.2266
1970-72	OBS.	110	26	58	14	3	4	3	2
	EXP.	67.2	17.0	33.3	8.9	2.4	1.9	1.6	2.0
	CONF.LIMIT	1.855	1.985	2.071	2.256	2.776	4.253	4.123	2.653
	OBS./EXP.	1.636	1.525	1.739	1.569	1.246	2.127	1.850	0.997
	CONF.LIMIT	1.440	1.157	1.454	1.062	0.460	0.931	0.683	0.266
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3336	0.4307	0.4051	0.3510	0.4237	0.5000	0.4233

DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE 0TO 9

TABLE 12 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1	1	0	0	0	0	0	0
	EXP.	0.6	0.1	0.3	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	6.748	27.611	7.707	27.872	122.863	177.606	214.153	226.155
	OBS./EXP.	1.743	7.132	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.171	0.701	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3197	X	X	X	X	X	X
1965-69	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	CONF.LIMIT	15.315	62.619	29.559	106.977	482.180	635.359	787.671	812.721
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.0
	CONF.LIMIT	6.256	25.658	11.993	43.323	189.456	288.582	342.772	363.924
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 12 -3 DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	8	1	5	1	0	0	0	1
	EXP.	6.6	1.7	3.2	0.7	0.2	0.2	0.2	0.3
	CONF.LIMIT	1.973	2.303	2.896	5.601	10.786	10.079	9.591	11.637
	OBS./EXP.	1.214	0.595	1.560	1.447	0.000	0.000	0.000	3.006
	CONF.LIMIT	0.708	0.058	0.761	0.142	0.000	0.000	0.000	0.295
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3303	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
1965-69	OBS.	3	1	1	1	0	0	0	0
	EXP.	2.5	0.7	1.2	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.626	5.941	3.117	14.503	28.169	26.446	24.851	18.571
	OBS./EXP.	1.178	1.535	0.805	3.746	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.435	0.151	0.079	0.368	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3225	0.5000	0.3903	0.5000	0.5000	0.5000
1970-72	OBS.	2	0	1	0	0	0	0	1
	EXP.	2.6	0.7	1.3	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.036	3.475	3.029	8.372	27.180	25.638	24.641	29.502
	OBS./EXP.	0.765	0.000	0.782	0.000	0.000	0.000	0.000	7.620
	CONF.LIMIT	0.204	0.000	0.077	0.000	0.000	0.000	0.000	0.749
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

TABLE 12 -4 DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	41	12	21	4	1	1	0	2
	EXP.	35.4	9.2	17.4	4.5	1.2	1.0	1.0	1.2
	CONF.LIMIT	1.428	1.925	1.623	1.786	3.351	4.068	2.292	4.567
	OBS./EXP.	1.159	1.298	1.209	0.893	0.866	1.051	0.000	1.716
	CONF.LIMIT	0.934	0.848	0.886	0.391	0.085	0.103	0.000	0.458
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4869	0.3966	0.5000	0.3593	0.5000	0.3075	0.3326
1965-69	OBS.	16	5	6	3	1	1	0	0
	EXP.	12.7	3.3	6.2	1.6	0.4	0.3	0.4	0.4
	CONF.LIMIT	1.773	2.788	1.699	4.178	9.438	11.350	6.368	5.460
	OBS./EXP.	1.263	1.502	0.968	1.875	2.438	2.932	0.000	0.000
	CONF.LIMIT	0.880	0.733	0.509	0.692	0.239	0.288	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3298	0.2752	0.3613	0.2120	0.3126	0.5000	0.5000
1970-72	OBS.	16	6	8	1	0	0	0	1
	EXP.	11.7	3.1	5.7	1.5	0.4	0.3	0.3	0.4
	CONF.LIMIT	1.913	3.418	2.262	2.639	6.124	7.166	6.741	9.617
	OBS./EXP.	1.363	1.946	1.392	0.682	0.000	0.000	0.000	2.484
	CONF.LIMIT	0.949	1.025	0.811	0.067	0.000	0.000	0.000	0.244
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3568	0.4262	0.5000	0.3181	0.5000	0.5000	0.4180

DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 12 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	237	55	108	34	13	7	11	9
	EXP.	165.1	40.9	82.3	22.4	6.2	4.9	4.0	4.5
	CONF.LIMIT	1.563	1.610	1.489	1.912	3.076	2.409	4.109	3.178
	OBS./EXP.	1.436	1.346	1.312	1.520	2.109	1.432	2.722	2.013
	CONF.LIMIT	1.317	1.119	1.153	1.197	1.403	0.798	1.739	1.216
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4684	0.2526	0.0663	0.1098	0.4678	0.0137	0.0560
1965-69	OBS.	99	21	46	15	7	3	3	4
	EXP.	58.9	14.9	29.2	7.9	2.2	1.7	1.4	1.6
	CONF.LIMIT	1.919	1.895	1.918	2.702	5.452	3.844	4.683	4.943
	OBS./EXP.	1.681	1.412	1.576	1.903	3.241	1.725	2.102	2.472
	CONF.LIMIT	1.469	1.034	1.287	1.307	1.806	0.637	0.776	1.082
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3913	0.3056	0.0705	0.1231	0.5000	0.4017	0.4005
1970-72	OBS.	54	13	30	5	3	1	2	0
	EXP.	40.6	10.3	20.1	5.5	1.5	1.2	1.0	1.2
	CONF.LIMIT	1.593	1.846	1.907	1.698	4.560	3.216	5.579	1.989
	OBS./EXP.	1.330	1.265	1.493	0.915	2.047	0.831	2.097	0.000
	CONF.LIMIT	1.104	0.842	1.156	0.446	0.755	0.082	0.560	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3746	0.2181	0.3911	0.3327	0.4706	0.4288	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 12 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	193	31	96	39	5	9	4	9
	EXP.	119.5	26.8	62.7	17.2	4.9	2.9	2.3	2.7
	CONF.LIMIT	1.775	1.473	1.751	2.813	1.910	4.986	3.408	5.191
	OBS./EXP.	1.615	1.158	1.530	2.271	1.029	3.158	1.705	3.287
	CONF.LIMIT	1.468	0.901	1.334	1.820	0.502	1.908	0.746	1.986
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1064	0.0223	0.2664	0.0829	0.0396	0.4885	0.0606
1965-69	OBS.	57	10	28	10	1	2	2	4
	EXP.	30.4	7.3	15.6	4.3	1.2	0.7	0.6	0.8
	CONF.LIMIT	2.238	2.116	2.317	3.597	3.302	7.638	8.823	10.628
	OBS./EXP.	1.877	1.373	1.798	2.334	0.853	2.871	3.316	5.315
	CONF.LIMIT	1.566	0.855	1.379	1.454	0.084	0.766	0.885	2.327
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2948	0.2909	0.3878	0.4331	0.3698	0.3085	0.2302
1970-72	OBS.	38	7	19	8	0	3	1	0
	EXP.	11.9	2.9	6.0	1.7	0.5	0.3	0.2	0.3
	CONF.LIMIT	3.967	4.005	4.297	7.817	4.894	25.902	17.117	7.434
	OBS./EXP.	3.195	2.381	3.152	4.811	0.000	11.626	4.421	0.000
	CONF.LIMIT	2.551	1.327	2.268	2.804	0.000	4.291	0.434	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3432	0.2133	0.2402	0.4094	0.0595	0.5000	0.0870

TABLE 12 -7 DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	304	71	145	41	11	11	10	15
	EXP.	215.6	52.7	107.8	28.2	8.0	6.3	5.5	7.1
	CONF.LIMIT	1.519	1.576	1.500	1.791	2.069	2.621	2.817	2.994
	OBS./EXP.	1.410	1.347	1.345	1.455	1.371	1.737	1.828	2.109
	CONF.LIMIT	1.307	1.147	1.204	1.172	0.876	1.109	1.138	1.449
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3561	0.5000	0.3687	0.2434	0.2089	0.1346
1965-69	OBS.	114	24	53	16	6	5	3	7
	EXP.	68.9	17.6	33.8	8.8	2.5	2.0	1.8	2.4
	CONF.LIMIT	1.870	1.791	1.880	2.549	4.291	4.560	3.774	4.917
	OBS./EXP.	1.654	1.361	1.567	1.816	2.443	2.457	1.694	2.923
	CONF.LIMIT	1.459	1.019	1.298	1.265	1.286	1.199	0.625	1.629
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3299	0.3447	0.2081	0.2236	0.2319	0.5000	0.2671
1970-72	OBS.	61	19	33	6	0	1	2	0
	EXP.	43.4	11.3	21.1	5.5	1.5	1.3	1.1	1.6
	CONF.LIMIT	1.665	2.293	1.973	1.925	1.540	2.968	4.696	1.431
	OBS./EXP.	1.405	1.682	1.563	1.096	0.000	0.767	1.765	0.000
	CONF.LIMIT	1.180	1.210	1.226	0.577	0.000	0.075	0.471	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4511	0.2853	0.1049	0.1258	0.4038	0.5000	0.4804

TABLE 12 -8 DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	176	29	85	37	8	6	5	6
	EXP.	111.5	26.0	58.1	16.6	4.4	2.6	2.2	1.6
	CONF.LIMIT	1.743	1.431	1.688	2.776	2.963	4.056	4.276	6.570
	OBS./EXP.	1.579	1.115	1.463	2.229	1.824	2.309	2.304	3.741
	CONF.LIMIT	1.428	0.860	1.263	1.774	1.063	1.216	1.124	1.969
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1252	0.0194	0.3253	0.0225	0.1948	0.2240	0.0975
1965-69	OBS.	61	13	28	13	3	1	2	1
	EXP.	35.7	8.5	18.4	5.2	1.4	0.8	0.7	0.5
	CONF.LIMIT	2.026	2.220	1.956	3.616	4.866	4.653	7.435	7.396
	OBS./EXP.	1.710	1.522	1.518	2.479	2.184	1.202	2.794	1.910
	CONF.LIMIT	1.436	1.013	1.164	1.649	0.806	0.118	0.746	0.188
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.0930	0.3648	0.0879	0.5000	0.3093	0.4344
1970-72	OBS.	49	7	25	8	3	3	1	2
	EXP.	23.8	5.7	12.2	3.4	0.9	0.6	0.5	0.4
	CONF.LIMIT	2.489	2.049	2.675	3.769	7.305	11.607	7.931	13.346
	OBS./EXP.	2.058	1.218	2.044	2.319	3.279	5.209	2.048	5.016
	CONF.LIMIT	1.692	0.679	1.541	1.352	1.210	1.923	0.201	1.339
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1556	0.4442	0.3089	0.3370	0.1297	0.5000	0.1989

DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 12 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	369	73	181	63	18	10	10	14
	EXP.	261.1	62.6	138.2	35.4	9.3	5.9	4.5	5.2
	CONF.LIMIT	1.512	1.361	1.443	2.102	2.677	2.592	3.395	3.893
	OBS./EXP.	1.413	1.166	1.310	1.779	1.946	1.682	2.203	2.707
	CONF.LIMIT	1.320	0.995	1.186	1.498	1.386	1.047	1.372	1.832
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2229	0.0208	0.0657	0.0085	0.2592	0.0698	0.0659
1965-69	OBS.	133	29	61	23	8	4	3	5
	EXP.	83.5	21.0	43.4	11.2	2.8	1.9	1.4	1.7
	CONF.LIMIT	1.784	1.772	1.664	2.729	4.563	4.233	4.615	5.327
	OBS./EXP.	1.592	1.381	1.404	2.061	2.808	2.117	2.072	2.870
	CONF.LIMIT	1.418	1.064	1.179	1.533	1.637	0.927	0.765	1.400
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.0707	0.0610	0.0238	0.2864	0.3410	0.2102
1970-72	OBS.	86	20	45	14	3	1	2	1
	EXP.	53.4	13.6	27.6	7.1	1.8	1.2	0.9	1.2
	CONF.LIMIT	1.855	1.992	1.986	2.826	3.754	3.218	5.855	3.221
	OBS./EXP.	1.609	1.473	1.628	1.965	1.685	0.831	2.200	0.832
	CONF.LIMIT	1.391	1.070	1.326	1.330	0.622	0.082	0.587	0.082
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4103	0.3133	0.5000	0.3309	0.4229	0.4437	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF THE RESPIRATORY SYSTEM
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 12-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	111	27	49	15	1	7	5	7
	EXP.	66.0	16.1	27.7	9.4	3.2	3.0	3.1	3.5
	CONF.LIMIT	1.907	2.172	2.140	2.272	1.225	3.943	2.992	3.322
	OBS./EXP.	1.683	1.678	1.770	1.600	0.316	2.344	1.612	1.974
	CONF.LIMIT	1.482	1.280	1.454	1.099	0.031	1.306	0.786	1.101
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4629	0.4313	0.0302	0.1615	0.3018	0.5000	0.4192
1965-69	OBS.	42	8	20	6	1	2	2	3
	EXP.	21.1	5.2	8.8	2.9	1.0	1.0	1.0	1.2
	CONF.LIMIT	2.448	2.509	3.064	3.640	3.949	5.442	5.122	5.681
	OBS./EXP.	1.993	1.544	2.265	2.073	1.020	2.045	1.925	2.550
	CONF.LIMIT	1.610	0.900	1.646	1.091	0.100	0.546	0.514	0.941
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2389	0.5000	0.3649	0.3895	0.5000	0.5000	0.5000
1970-72	OBS.	24	6	13	0	0	3	1	1
	EXP.	13.8	3.5	5.7	1.8	0.6	0.7	0.7	0.8
	CONF.LIMIT	2.290	3.039	3.324	1.277	3.666	9.869	5.435	4.816
	OBS./EXP.	1.740	1.730	2.279	0.000	0.000	4.429	1.404	1.244
	CONF.LIMIT	1.303	0.911	1.516	0.000	0.000	1.635	0.138	0.122
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3807	0.0283	0.2576	0.0100	0.2373	0.5000	0.4338

TABLE 13 -1 DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	112	17	54	19	6	8	4	4
	EXP.	82.5	19.2	42.7	12.0	3.2	2.0	1.8	1.6
	CONF.LIMIT	1.537	1.232	1.515	2.155	3.258	6.467	4.513	4.865
	OBS./EXP.	1.357	0.887	1.265	1.581	1.855	3.980	2.257	2.433
	CONF.LIMIT	1.195	0.625	1.050	1.138	0.977	2.320	0.988	1.065
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1278	0.2350	0.2462	0.1669	0.0065	0.2001	0.0066
1965-69	OBS.	34	7	11	6	4	1	3	2
	EXP.	21.7	5.4	10.9	3.0	0.8	0.5	0.5	0.5
	CONF.LIMIT	1.973	2.199	1.518	3.463	9.794	7.261	13.687	10.778
	OBS./EXP.	1.569	1.307	1.005	1.972	4.898	1.876	6.143	4.051
	CONF.LIMIT	1.236	0.728	0.642	1.038	2.144	0.184	2.268	1.081
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3750	0.1452	0.0171	0.0275	0.4351	0.0199	0.0338
1970-72	OBS.	14	3	6	1	2	1	1	0
	EXP.	13.9	3.4	7.0	1.9	0.5	0.4	0.3	0.4
	CONF.LIMIT	1.446	1.941	1.505	2.025	10.219	10.854	12.012	6.312
	OBS./EXP.	1.006	0.871	0.857	0.523	3.841	2.803	3.103	0.000
	CONF.LIMIT	0.681	0.322	0.451	0.051	1.025	0.275	0.305	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.1015	0.4213	0.2938	0.2702	0.1531

TABLE 13 -2 DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	13	1	1	5	3	0	2	1
	EXP.	7.2	1.8	3.4	0.8	0.2	0.2	0.2	0.4
	CONF.LIMIT	2.641	2.142	1.141	11.374	27.888	9.641	22.567	8.634
	OBS./EXP.	1.811	0.553	0.295	6.128	12.517	0.000	8.481	2.230
	CONF.LIMIT	1.205	0.054	0.029	2.990	4.620	0.000	2.264	0.219
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.0014	0.0011	0.0001	0.5000	0.0121	0.0414
1965-69	OBS.	7	1	0	4	1	0	1	0
	EXP.	2.7	0.7	1.3	0.3	0.1	0.1	0.1	0.2
	CONF.LIMIT	4.298	5.611	1.776	25.594	42.133	25.294	42.747	13.569
	OBS./EXP.	2.555	1.449	0.000	12.800	10.883	0.000	11.041	0.000
	CONF.LIMIT	1.424	0.142	0.000	5.604	1.069	0.000	1.085	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3476	0.0014	0.0663	0.0008	X	0.0654	0.1229
1970-72	OBS.	4	0	1	0	2	0	1	0
	EXP.	2.5	0.6	1.2	0.3	0.1	0.1	0.1	0.2
	CONF.LIMIT	3.180	3.651	3.248	8.017	63.207	27.103	46.764	14.909
	OBS./EXP.	1.591	0.000	0.839	0.000	23.756	0.000	12.079	0.000
	CONF.LIMIT	0.696	0.000	0.082	0.000	6.341	0.000	1.187	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.0125	0.1423	0.5000	0.1257	0.2314

DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

TABLE 13 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	29	7	12	2	2	2	2	2
	EXP.	24.4	6.1	12.2	3.3	0.9	0.6	0.6	0.6
	CONF.LIMIT	1.525	1.922	1.456	1.595	5.611	8.973	9.285	8.776
	OBS./EXP.	1.189	1.142	0.982	0.599	2.109	3.372	3.490	3.298
	CONF.LIMIT	0.916	0.637	0.641	0.160	0.563	0.900	0.931	0.880
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4597	0.3950	0.2674	0.5000	0.1351	0.1280	0.0448
1965-69	OBS.	13	3	4	0	2	0	2	2
	EXP.	7.7	2.0	3.8	1.0	0.3	0.2	0.2	0.2
	CONF.LIMIT	2.453	3.377	2.084	2.199	17.866	12.138	29.163	26.869
	OBS./EXP.	1.681	1.516	1.042	0.000	6.715	0.000	10.961	10.098
	CONF.LIMIT	1.119	0.560	0.456	0.000	1.792	0.000	2.926	2.695
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4452	0.3814	0.0640	0.4881	0.5000	0.0273	0.0921
1970-72	OBS.	6	2	3	0	0	1	0	0
	EXP.	5.2	1.3	2.6	0.7	0.2	0.1	0.1	0.1
	CONF.LIMIT	2.017	3.973	2.581	3.282	11.511	29.941	18.440	16.307
	OBS./EXP.	1.148	1.493	1.159	0.000	0.000	7.733	0.000	0.000
	CONF.LIMIT	0.605	0.399	0.428	0.000	0.000	0.760	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4875	0.5000	0.4085	0.1771	0.5000	0.3123

DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 35-49

TABLE 13 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	46	6	27	8	1	3	0	1
	EXP.	32.1	7.2	16.7	5.0	1.3	0.8	0.7	0.4
	CONF.LIMIT	1.746	1.462	2.097	2.604	3.004	8.291	3.284	9.902
	OBS./EXP.	1.435	0.833	1.619	1.602	0.776	3.721	0.000	2.558
	CONF.LIMIT	1.171	0.438	1.235	0.934	0.076	1.374	0.000	0.251
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0991	0.5000	0.3935	0.4591	0.1589	0.3293	0.4578
1965-69	OBS.	9	1	5	1	1	1	0	0
	EXP.	7.9	1.9	4.0	1.2	0.3	0.2	0.2	0.1
	CONF.LIMIT	1.807	2.032	2.320	3.232	12.594	20.095	13.685	25.117
	OBS./EXP.	1.144	0.525	1.250	0.835	3.253	5.190	0.000	0.000
	CONF.LIMIT	0.692	0.052	0.610	0.082	0.320	0.510	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3726	0.5000	0.3587	0.5000	0.2459	0.5000	0.4043
1970-72	OBS.	4	1	2	1	0	0	0	0
	EXP.	4.4	1.1	2.3	0.7	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.812	3.649	2.353	5.776	13.433	21.300	24.946	44.939
	OBS./EXP.	0.906	0.943	0.884	1.492	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.397	0.093	0.236	0.147	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

TABLE 13 -5 DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	24	3	14	4	0	3	0	0
	EXP.	18.5	3.9	10.2	2.8	0.7	0.4	0.3	0.2
	CONF.LIMIT	1.708	1.705	1.973	2.836	3.092	18.409	9.008	12.036
	OBS./EXP.	1.297	0.765	1.372	1.418	0.000	8.263	0.000	0.000
	CONF.LIMIT	0.972	0.282	0.929	0.621	0.000	3.050	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2632	0.5000	0.3734	0.4837	0.0192	0.5000	0.0696
1965-69	OBS.	5	2	2	1	0	0	0	0
	EXP.	3.2	0.7	1.7	0.5	0.1	0.1	0.0	0.0
	CONF.LIMIT	2.934	7.206	3.100	8.364	20.266	41.123	52.452	72.993
	OBS./EXP.	1.581	2.708	1.165	2.160	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.771	0.723	0.311	0.212	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3497	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	1.5	0.4	0.8	0.2	0.1	0.0	0.0	0.0
	CONF.LIMIT	1.490	6.412	2.729	10.309	39.820	78.285	125.958	165.945
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

TABLE 13 -6 DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	86	13	44	13	4	6	3	3
	EXP.	66.1	15.4	35.4	9.5	2.4	1.3	1.1	1.0
	CONF.LIMIT	1.499	1.231	1.519	1.992	3.314	8.085	6.200	6.694
	OBS./EXP.	1.300	0.844	1.242	1.366	1.658	4.603	2.783	3.004
	CONF.LIMIT	1.124	0.562	1.009	0.909	0.726	2.423	1.027	1.109
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1424	0.4328	0.3671	0.3605	0.0083	0.1615	0.0055
1965-69	OBS.	23	3	10	4	2	1	2	1
	EXP.	17.3	4.3	9.0	2.4	0.6	0.3	0.3	0.3
	CONF.LIMIT	1.764	1.543	1.710	3.326	8.902	11.402	18.655	13.002
	OBS./EXP.	1.332	0.692	1.110	1.663	3.346	2.945	7.011	3.358
	CONF.LIMIT	0.991	0.256	0.691	0.728	0.893	0.289	1.871	0.330
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3467	0.3389	0.1690	0.1895	0.3343	0.0507	0.0477
1970-72	OBS.	12	3	4	1	2	1	1	0
	EXP.	10.9	2.7	5.7	1.5	0.4	0.2	0.2	0.2
	CONF.LIMIT	1.625	2.433	1.402	2.576	14.173	17.807	21.597	10.646
	OBS./EXP.	1.097	1.092	0.701	0.665	5.327	4.599	5.578	0.000
	CONF.LIMIT	0.716	0.403	0.307	0.065	1.422	0.452	0.548	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4102	0.5000	0.0484	0.2388	0.1706	0.1433	0.0532

DEATHS FROM MALIGNANT NEOPLASMS OF THE BREAST — TABLE 13 -7
NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	26	4	10	6	2	2	1	1
	EXP.	16.4	3.8	7.3	2.5	0.8	0.7	0.7	0.6
	CONF.LIMIT	2.063	2.129	2.117	4.210	6.480	7.529	5.578	5.998
	OBS./EXP.	1.585	1.065	1.374	2.397	2.435	2.830	1.441	1.549
	CONF.LIMIT	1.202	0.466	0.855	1.262	0.650	0.755	0.142	0.152
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4531	0.2054	0.3473	0.1716	0.2878	0.5000	0.3516
1965-69	OBS.	11	4	1	2	2	0	1	1
	EXP.	4.4	1.0	1.9	0.6	0.2	0.2	0.2	0.2
	CONF.LIMIT	3.771	7.816	2.006	8.338	24.312	11.879	19.062	19.755
	OBS./EXP.	2.498	3.909	0.518	3.134	9.137	0.000	4.923	5.103
	CONF.LIMIT	1.596	1.711	0.051	0.836	2.439	0.000	0.484	0.501
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0521	0.1546	0.0290	0.0337	0.5000	0.1814	0.3120
1970-72	OBS.	2	0	2	0	0	0	0	0
	EXP.	3.0	0.7	1.3	0.4	0.1	0.1	0.1	0.1
	CONF.LIMIT	1.786	3.301	4.103	5.618	15.830	16.513	16.081	15.504
	OBS./EXP.	0.671	0.000	1.542	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.179	0.000	0.412	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4232	0.5000	0.5000	0.4907	0.5000	0.5000	0.5000

DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS — TABLE 14 -1
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	349	78	173	61	11	8	6	12
	EXP.	336.2	75.1	176.6	50.5	13.5	8.1	7.0	5.6
	CONF.LIMIT	1.113	1.207	1.082	1.432	1.230	1.601	1.513	3.205
	OBS./EXP.	1.038	1.039	0.980	1.209	0.815	0.985	0.861	2.162
	CONF.LIMIT	0.967	0.892	0.886	1.015	0.521	0.574	0.453	1.412
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3547	0.0886	0.3413	0.1763	0.5000	0.4782	0.4916
1965-69	OBS.	79	25	39	11	3	0	0	1
	EXP.	73.1	17.8	37.3	10.5	2.8	1.8	1.6	1.3
	CONF.LIMIT	1.255	1.836	1.296	1.577	2.391	1.313	1.478	2.913
	OBS./EXP.	1.081	1.403	1.046	1.045	1.073	0.000	0.000	0.752
	CONF.LIMIT	0.929	1.058	0.838	0.668	0.396	0.000	0.000	0.074
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1512	0.5000	0.5000	0.5000	0.1667	0.2029	0.0363
1970-72	OBS.	47	10	26	9	0	2	0	0
	EXP.	47.0	11.5	23.9	6.6	1.8	1.2	1.0	1.0
	CONF.LIMIT	1.214	1.336	1.418	2.139	1.289	4.575	2.246	2.331
	OBS./EXP.	1.000	0.867	1.090	1.354	0.000	1.719	0.000	0.000
	CONF.LIMIT	0.818	0.540	0.827	0.818	0.000	0.459	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3376	0.3458	0.1532	0.5000	0.3763	0.3353	0.5000

TABLE 14 -2 DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	13	4	9	0	0	0	0	0
	EXP.	16.0	4.0	7.6	1.8	0.5	0.5	0.5	1.0
	CONF.LIMIT	1.186	2.005	1.874	1.257	4.292	4.296	4.357	2.326
	OBS./EXP.	0.813	1.003	1.187	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.541	0.439	0.717	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.1430	0.5000	0.0869	0.5000	0.5000	0.3071
1965-69	OBS.	3	1	2	0	0	0	0	0
	EXP.	5.2	1.3	2.5	0.6	0.2	0.2	0.2	0.3
	CONF.LIMIT	1.277	2.933	2.151	3.852	13.112	13.263	13.377	7.160
	OBS./EXP.	0.573	0.758	0.809	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.212	0.074	0.216	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
1970-72	OBS.	7	3	4	0	0	0	0	0
	EXP.	5.0	1.3	2.4	0.6	0.2	0.2	0.2	0.3
	CONF.LIMIT	2.355	5.329	3.376	4.051	13.772	13.650	14.004	7.403
	OBS./EXP.	1.400	2.392	1.688	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.780	0.883	0.739	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4590	0.4235	0.5000	0.3394	0.5000	0.5000	0.5000

TABLE 14 -3 DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS
HIROSHIMA + NAGASAKI, FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	74	11	40	15	2	2	2	2
	EXP.	74.2	18.4	37.5	10.3	2.9	1.8	1.7	1.7
	CONF.LIMIT	1.162	0.903	1.317	2.064	1.830	3.014	3.168	3.157
	OBS./EXP.	0.997	0.598	1.067	1.454	0.688	1.133	1.190	1.187
	CONF.LIMIT	0.851	0.382	0.857	0.999	0.184	0.302	0.318	0.317
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0596	0.1856	0.4095	0.3021	0.5000	0.5000	0.5000
1965-69	OBS.	22	6	9	5	1	0	0	1
	EXP.	20.2	5.2	10.1	2.8	0.8	0.5	0.5	0.5
	CONF.LIMIT	1.451	2.037	1.410	3.357	4.960	4.751	5.000	8.118
	OBS./EXP.	1.088	1.160	0.893	1.809	1.281	0.000	0.000	2.097
	CONF.LIMIT	0.804	0.611	0.540	0.883	0.126	0.000	0.000	0.206
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4006	0.1648	0.5000	0.1719	0.5000	0.5000	0.4466
1970-72	OBS.	18	2	9	5	0	2	0	0
	EXP.	15.2	3.9	7.6	2.1	0.6	0.4	0.3	0.4
	CONF.LIMIT	1.627	1.364	1.874	4.491	3.943	14.476	6.603	6.170
	OBS./EXP.	1.183	0.513	1.187	2.420	0.000	5.441	0.000	0.000
	CONF.LIMIT	0.843	0.137	0.717	1.181	0.000	1.452	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2208	0.1621	0.5000	0.2852	0.0891	0.5000	0.2444

DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS — TABLE 14 -4
HIROSHIMA + NAGASAKI, FEMALE, AGE AT8 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	170	45	76	31	7	3	2	6
	EXP.	159.2	35.0	83.3	24.9	6.5	4.0	3.5	2.0
	CONF.LIMIT	1.181	1.569	1.061	1.583	1.822	1.652	1.527	5.389
	OBS./EXP.	1.068	1.286	0.912	1.245	1.083	0.741	0.574	3.069
	CONF.LIMIT	0.964	1.047	0.781	0.968	0.604	0.274	0.153	1.616
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0400	0.0852	0.3883	0.0895	0.4996	0.3894	0.3324
1965-69	OBS.	40	15	19	4	2	0	0	0
	EXP.	34.0	8.2	17.4	5.2	1.3	0.8	0.7	0.4
	CONF.LIMIT	1.451	2.596	1.492	1.543	3.971	2.734	3.181	5.819
	OBS./EXP.	1.175	1.829	1.094	0.771	1.492	0.000	0.000	0.000
	CONF.LIMIT	0.944	1.256	0.788	0.338	0.398	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0899	0.3632	0.4500	0.4550	0.4070	0.4606	0.1942
1970-72	OBS.	17	3	11	3	0	0	0	0
	EXP.	20.4	4.9	10.4	3.1	0.8	0.5	0.4	0.2
	CONF.LIMIT	1.160	1.366	1.594	2.167	2.897	4.610	5.427	9.738
	OBS./EXP.	0.835	0.613	1.056	0.973	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.589	0.226	0.674	0.359	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2979	0.5000	0.4459	0.4479	0.5000	0.5000	0.3932

DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS — TABLE 14 -5
HIROSHIMA + NAGASAKI, FEMALE, AGE AT8 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	91	18	47	15	2	3	2	4
	EXP.	84.4	17.1	46.9	13.1	3.5	1.7	1.2	0.9
	CONF.LIMIT	1.238	1.449	1.217	1.629	1.517	3.890	4.339	9.075
	OBS./EXP.	1.078	1.053	1.002	1.147	0.570	1.746	1.631	4.538
	CONF.LIMIT	0.936	0.750	0.820	0.788	0.152	0.644	0.435	1.987
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4757	0.3699	0.3281	0.5000	0.2594	0.3560	0.1919
1965-69	OBS.	14	3	9	2	0	0	0	0
	EXP.	12.7	2.9	6.9	1.9	0.5	0.2	0.2	0.1
	CONF.LIMIT	1.589	2.299	2.059	2.865	4.903	9.838	12.489	18.972
	OBS./EXP.	1.105	1.032	1.304	1.077	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.748	0.381	0.788	0.287	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.4487	0.5000	0.5000	0.5000
1970-72	OBS.	4	2	1	1	0	0	0	0
	EXP.	5.4	1.2	3.0	0.8	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.476	4.278	1.308	4.931	11.160	21.602	33.542	45.644
	OBS./EXP.	0.738	1.608	0.338	1.274	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.323	0.429	0.033	0.125	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2109	0.3755	0.5000	0.4389	0.5000	0.5000	0.5000

TABLE 14 -6 DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	282	65	139	50	11	5	4	8
	EXP.	271.5	60.6	147.3	40.1	10.2	5.4	4.4	3.4
	CONF.LIMIT	1.123	1.265	1.055	1.504	1.623	1.705	1.804	3.813
	OBS./EXP.	1.039	1.073	0.944	1.246	1.075	0.919	0.902	2.346
	CONF.LIMIT	0.960	0.906	0.843	1.026	0.687	0.448	0.395	1.368
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2150	0.0526	0.3822	0.0590	0.5000	0.5000	0.5000
1965-69	OBS.	68	21	35	9	3	0	0	0
	EXP.	59.0	14.6	31.0	8.4	2.1	1.2	1.0	0.8
	CONF.LIMIT	1.353	1.927	1.417	1.698	3.213	1.972	2.395	2.830
	OBS./EXP.	1.153	1.436	1.130	1.075	1.442	0.000	0.000	0.000
	CONF.LIMIT	0.978	1.052	0.893	0.650	0.532	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2286	0.5000	0.4314	0.5000	0.2742	0.3434	0.0978
1970-72	OBS.	35	8	20	7	0	0	0	0
	EXP.	37.6	9.4	19.7	5.3	1.3	0.7	0.6	0.6
	CONF.LIMIT	1.167	1.386	1.375	2.234	1.750	3.070	3.810	3.887
	OBS./EXP.	0.931	0.853	1.017	1.328	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.736	0.497	0.739	0.740	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4230	0.3400	0.2743	0.5000	0.4735	0.5000	0.2644

TABLE 14 -7 DEATHS FROM MALIGNANT NEOPLASMS OF THE CERVIX AND UTEROS
NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	67	13	34	11	0	3	2	4
	EXP.	64.7	14.5	29.3	10.3	3.3	2.7	2.5	2.1
	CONF.LIMIT	1.217	1.310	1.461	1.606	0.704	2.498	2.102	3.736
	OBS./EXP.	1.035	0.898	1.162	1.064	0.000	1.121	0.790	1.868
	CONF.LIMIT	0.877	0.598	0.915	0.680	0.000	0.414	0.211	0.818
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2680	0.4774	0.0273	0.1917	0.5000	0.4456	0.4513
1965-69	OBS.	11	4	4	2	0	0	0	1
	EXP.	14.1	3.2	6.3	2.2	0.7	0.6	0.6	0.5
	CONF.LIMIT	1.181	2.505	1.269	2.469	3.216	3.927	3.861	7.498
	OBS./EXP.	0.782	1.253	0.635	0.928	0.000	0.000	0.000	1.937
	CONF.LIMIT	0.500	0.549	0.278	0.248	0.000	0.000	0.000	0.190
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2647	0.4775	0.5000	0.5000	0.5000	0.5000	0.5000
1970-72	OBS.	12	2	6	2	0	2	0	0
	EXP.	9.4	2.2	4.2	1.4	0.5	0.4	0.4	0.4
	CONF.LIMIT	1.889	2.464	2.518	3.875	4.888	12.855	5.471	5.826
	OBS./EXP.	1.274	0.926	1.434	1.457	0.000	4.831	0.000	0.000
	CONF.LIMIT	0.832	0.247	0.755	0.389	0.000	1.290	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4508	0.5000	0.5000	0.5000	0.1577	0.5000	0.3940

DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 15 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	532	111	265	78	26	17	24	11
	EXP.	417.4	98.5	214.2	58.3	16.0	10.9	9.4	10.1
	CONF.LIMIT	1.348	1.277	1.340	1.554	2.121	2.165	3.353	1.644
	OBS./EXP.	1.275	1.127	1.237	1.338	1.630	1.559	2.547	1.089
	CONF.LIMIT	1.204	0.992	1.141	1.148	1.236	1.098	1.908	0.696
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2240	0.2893	0.1032	0.1529	0.2036	0.0004	0.0021
1965-69	OBS.	155	35	72	25	10	2	9	2
	EXP.	117.1	29.0	59.1	16.1	4.3	3.1	2.7	3.0
	CONF.LIMIT	1.470	1.515	1.424	2.038	3.561	1.733	5.289	1.802
	OBS./EXP.	1.323	1.208	1.218	1.558	2.310	0.651	3.350	0.677
	CONF.LIMIT	1.189	0.955	1.038	1.174	1.439	0.174	2.024	0.181
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.1686	0.0382	0.0569	0.2856	0.0086	0.1037
1970-72	OBS.	87	18	39	11	5	7	5	2
	EXP.	76.5	19.2	38.3	10.3	2.8	2.0	1.8	2.1
	CONF.LIMIT	1.309	1.292	1.259	1.604	3.320	5.775	5.214	2.575
	OBS./EXP.	1.137	0.939	1.017	1.063	1.789	3.433	2.809	0.968
	CONF.LIMIT	0.983	0.669	0.815	0.679	0.873	1.913	1.371	0.258
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4509	0.5000	0.1769	0.3168	0.0079	0.0444	0.0017

DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE AT B 0-9

TABLE 15 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	12	6	2	0	0	1	3	0
	EXP.	11.9	2.9	6.3	1.7	0.4	0.2	0.2	0.2
	CONF.LIMIT	1.493	3.680	0.850	1.318	5.729	15.863	29.751	13.022
	OBS./EXP.	1.007	2.095	0.319	0.000	0.000	4.097	13.353	0.000
	CONF.LIMIT	0.657	1.103	0.085	0.000	0.000	0.403	4.929	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0143	0.5000	0.5000	0.5000	0.1084	0.0004	0.0003
1965-69	OBS.	4	2	0	0	0	1	1	0
	EXP.	3.4	0.8	1.8	0.5	0.1	0.1	0.1	0.0
	CONF.LIMIT	2.382	6.497	1.309	4.691	20.430	57.205	62.075	47.064
	OBS./EXP.	1.191	2.442	0.000	0.000	0.000	14.775	16.033	0.000
	CONF.LIMIT	0.522	0.652	0.000	0.000	0.000	1.451	1.575	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1011	X	X	X	0.0371	0.0343	0.0048
1970-72	OBS.	3	1	2	0	0	0	0	0
	EXP.	2.2	0.5	1.1	0.3	0.1	0.0	0.0	0.0
	CONF.LIMIT	3.057	7.262	4.653	7.207	31.412	51.685	56.650	71.629
	OBS./EXP.	1.372	1.876	1.749	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.507	0.184	0.467	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

TABLE 15 -3 DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	27	8	11	4	1	0	3	0
	EXP.	21.9	5.4	10.8	2.4	0.7	0.7	0.8	1.1
	CONF.LIMIT	1.596	2.401	1.539	3.340	5.401	3.096	8.678	2.124
	OBS./EXP.	1.232	1.477	1.020	1.670	1.395	0.000	3.895	0.000
	CONF.LIMIT	0.940	0.861	0.651	0.731	0.137	0.000	1.438	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2821	0.2841	0.5000	0.2780	0.4808	0.0619	0.2431
1965-69	OBS.	8	3	3	0	1	0	1	0
	EXP.	6.5	1.6	3.2	0.7	0.2	0.2	0.2	0.3
	CONF.LIMIT	1.999	4.059	2.110	3.266	18.305	10.523	17.017	7.058
	OBS./EXP.	1.230	1.822	0.947	0.000	4.728	0.000	4.395	0.000
	CONF.LIMIT	0.717	0.673	0.350	0.000	0.464	0.000	0.432	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3368	0.5000	0.2278	0.5000	0.5000	0.2422	0.4096
1970-72	OBS.	7	2	3	1	0	0	1	0
	EXP.	5.5	1.4	2.7	0.6	0.2	0.2	0.2	0.3
	CONF.LIMIT	2.124	3.797	2.480	6.429	12.773	12.190	19.946	8.149
	OBS./EXP.	1.263	1.427	1.113	1.661	0.000	0.000	5.152	0.000
	CONF.LIMIT	0.704	0.381	0.411	0.163	0.000	0.000	0.506	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.2428	0.4121

TABLE 15 -4 DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	62	14	29	7	3	4	3	2
	EXP.	56.5	14.5	27.9	7.3	2.0	1.5	1.5	1.7
	CONF.LIMIT	1.300	1.388	1.334	1.612	3.354	5.412	4.385	3.049
	OBS./EXP.	1.098	0.965	1.040	0.958	1.506	2.706	1.968	1.146
	CONF.LIMIT	0.924	0.653	0.801	0.534	0.556	1.185	0.726	0.306
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4796	0.5000	0.3605	0.5000	0.0823	0.2292	0.0553
1965-69	OBS.	22	5	13	2	1	0	1	0
	EXP.	18.2	4.7	8.9	2.3	0.6	0.5	0.5	0.6
	CONF.LIMIT	1.614	1.961	2.122	2.273	6.094	4.841	7.902	4.087
	OBS./EXP.	1.211	1.057	1.455	0.854	1.574	0.000	2.041	0.000
	CONF.LIMIT	0.894	0.516	0.968	0.228	0.155	0.000	0.200	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3676	0.3699	0.5000	0.4053	0.5000	0.5000	0.5000
1970-72	OBS.	15	4	5	2	1	3	0	0
	EXP.	14.4	3.7	7.1	1.8	0.5	0.4	0.4	0.5
	CONF.LIMIT	1.482	2.137	1.315	2.903	7.779	17.609	5.847	4.974
	OBS./EXP.	1.044	1.069	0.708	1.091	2.009	7.903	0.000	0.000
	CONF.LIMIT	0.717	0.468	0.346	0.291	0.197	2.917	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3825	0.4402	0.3356	0.3171	0.0061	0.5000	0.0368

DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 15 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	190	38	93	33	9	1	12	4
	EXP.	174.1	42.0	87.8	24.5	6.7	5.0	4.2	4.0
	CONF.LIMIT	1.200	1.123	1.214	1.703	2.137	0.780	4.286	1.976
	OBS./EXP.	1.091	0.904	1.059	1.349	1.353	0.201	2.892	0.988
	CONF.LIMIT	0.991	0.722	0.921	1.059	0.818	0.020	1.888	0.433
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2371	0.1332	0.2857	0.1098	0.0359	0.0028	0.1875
1965-69	OBS.	69	15	31	15	4	0	4	0
	EXP.	53.9	13.4	26.9	7.5	2.0	1.5	1.3	1.3
	CONF.LIMIT	1.501	1.587	1.464	2.855	3.969	1.503	6.316	1.813
	OBS./EXP.	1.280	1.118	1.151	2.011	1.985	0.000	3.159	0.000
	CONF.LIMIT	1.087	0.768	0.895	1.381	0.869	0.000	1.383	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.0493	0.2244	0.0364	0.1803	0.0705	0.4211
1970-72	OBS.	32	5	13	5	3	1	4	1
	EXP.	37.8	9.4	18.9	5.3	1.4	1.1	0.9	0.9
	CONF.LIMIT	1.072	0.986	1.003	1.765	4.784	3.615	9.335	4.261
	OBS./EXP.	0.846	0.531	0.688	0.951	2.147	0.934	4.668	1.101
	CONF.LIMIT	0.661	0.259	0.458	0.464	0.793	0.092	2.044	0.108
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4154	0.3518	0.0932	0.1557	0.5000	0.0053	0.0208

DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 15 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	241	45	130	34	13	11	3	5
	EXP.	153.0	33.7	81.5	22.4	6.2	3.5	2.8	3.0
	CONF.LIMIT	1.713	1.630	1.790	1.909	3.062	4.776	2.429	3.048
	OBS./EXP.	1.575	1.337	1.596	1.518	2.099	3.164	1.090	1.642
	CONF.LIMIT	1.447	1.089	1.419	1.195	1.397	2.021	0.402	0.801
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1761	0.4415	0.2034	0.4593	0.0190	0.3649	0.1339
1965-69	OBS.	52	10	25	8	4	1	2	2
	EXP.	35.2	8.4	18.3	5.1	1.4	0.8	0.6	0.7
	CONF.LIMIT	1.775	1.846	1.788	2.572	5.909	4.966	8.307	7.126
	OBS./EXP.	1.476	1.198	1.367	1.582	2.955	1.283	3.122	2.678
	CONF.LIMIT	1.221	0.746	1.030	0.922	1.294	0.126	0.833	0.715
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4411	0.4246	0.1359	0.2287	0.5000	0.2318	0.3280
1970-72	OBS.	30	6	16	3	1	3	0	1
	EXP.	16.6	4.1	8.5	2.3	0.6	0.4	0.3	0.4
	CONF.LIMIT	2.303	2.587	2.627	2.859	5.983	18.802	7.801	10.158
	OBS./EXP.	1.803	1.473	1.872	1.283	1.545	8.439	0.000	2.624
	CONF.LIMIT	1.396	0.775	1.303	0.474	0.152	3.115	0.000	0.258
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4025	0.3926	0.5000	0.3798	0.0382	0.5000	0.1470

TABLE 15 -7 DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	262	60	132	29	15	8	11	7
	EXP.	210.0	50.3	106.2	27.7	7.9	6.0	5.3	6.7
	CONF.LIMIT	1.353	1.417	1.394	1.341	2.710	2.163	3.150	1.769
	OBS./EXP.	1.248	1.194	1.243	1.045	1.909	1.331	2.087	1.052
	CONF.LIMIT	1.150	1.001	1.107	0.806	1.311	0.776	1.333	0.586
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4308	0.2324	0.0708	0.5000	0.4778	0.0629	0.1270
1965-69	OBS.	77	16	36	9	8	1	5	2
	EXP.	58.6	14.8	28.9	7.6	2.1	1.7	1.5	2.0
	CONF.LIMIT	1.528	1.513	1.554	1.878	6.174	2.283	6.246	2.723
	OBS./EXP.	1.314	1.078	1.244	1.189	3.799	0.590	3.365	1.023
	CONF.LIMIT	1.126	0.750	0.987	0.719	2.214	0.058	1.642	0.273
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3766	0.5000	0.0088	0.1471	0.3853	0.0483	0.2328
1970-72	OBS.	46	10	20	6	3	3	3	1
	EXP.	37.2	9.6	18.2	4.7	1.3	1.1	1.0	1.3
	CONF.LIMIT	1.504	1.598	1.488	2.232	5.152	6.195	6.963	2.912
	OBS./EXP.	1.236	1.037	1.100	1.271	2.313	2.780	3.125	0.752
	CONF.LIMIT	1.009	0.646	0.799	0.669	0.854	1.026	1.154	0.074
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4540	0.1949	0.2781	0.1354	0.1059	0.0413

TABLE 15 -8 DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	270	51	133	49	11	9	13	4
	EXP.	207.4	48.2	108.1	30.6	8.1	4.9	4.2	3.4
	CONF.LIMIT	1.409	1.274	1.379	1.939	2.051	2.902	4.569	2.325
	OBS./EXP.	1.302	1.058	1.231	1.603	1.359	1.838	3.132	1.162
	CONF.LIMIT	1.201	0.873	1.096	1.318	0.868	1.110	2.084	0.509
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2035	0.0649	0.4212	0.0768	0.1519	0.0007	0.0018
1965-69	OBS.	78	19	36	16	2	1	4	0
	EXP.	58.6	14.1	30.1	8.5	2.2	1.4	1.2	1.0
	CONF.LIMIT	1.547	1.834	1.492	2.647	2.395	2.814	6.659	2.304
	OBS./EXP.	1.332	1.345	1.194	1.886	0.900	0.727	3.330	0.000
	CONF.LIMIT	1.143	0.968	0.947	1.313	0.240	0.071	1.458	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3850	0.0812	0.5000	0.1446	0.5000	0.0661	0.2186
1970-72	OBS.	41	8	19	5	2	4	2	1
	EXP.	39.3	9.5	20.2	5.6	1.5	1.0	0.8	0.7
	CONF.LIMIT	1.284	1.365	1.285	1.649	3.552	8.330	6.491	5.252
	OBS./EXP.	1.042	0.840	0.942	0.889	1.335	4.166	2.440	1.356
	CONF.LIMIT	0.840	0.490	0.678	0.434	0.356	1.824	0.651	0.133
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4837	0.5000	0.4315	0.5000	0.0189	0.1971	0.0131

DEATHS FROM OTHER MALIGNANT NEOPLASMS
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 15 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	423	85	225	60	19	10	18	6
	EXP.	332.7	78.3	178.1	45.8	11.8	7.1	5.7	5.9
	CONF.LIMIT	1.354	1.253	1.378	1.553	2.190	2.162	4.378	1.781
	OBS./EXP.	1.271	1.086	1.263	1.309	1.606	1.403	3.182	1.014
	CONF.LIMIT	1.193	0.938	1.157	1.097	1.156	0.874	2.268	0.534
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1312	0.4270	0.1808	0.2868	0.4182	0.0001	0.0036
1965-69	OBS.	121	29	57	17	7	1	8	2
	EXP.	93.6	23.3	49.1	12.7	3.2	2.0	1.6	1.7
	CONF.LIMIT	1.457	1.596	1.385	1.863	3.666	1.934	8.207	3.055
	OBS./EXP.	1.293	1.244	1.162	1.341	2.179	0.500	5.050	1.148
	CONF.LIMIT	1.145	0.959	0.970	0.945	1.215	0.049	2.944	0.306
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4211	0.3430	0.0972	0.1649	0.3311	0.0009	0.0345
1970-72	OBS.	66	16	31	10	3	4	2	0
	EXP.	60.9	15.3	31.7	8.2	2.1	1.3	1.0	1.2
	CONF.LIMIT	1.276	1.466	1.243	1.875	3.237	6.235	5.205	1.885
	OBS./EXP.	1.084	1.045	0.977	1.217	1.453	3.118	1.956	0.000
	CONF.LIMIT	0.917	0.727	0.760	0.758	0.536	1.365	0.522	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4680	0.3265	0.3448	0.2622	0.0458	0.2754	0.0366

DEATHS FROM OTHER MALIGNANT NEOPLASMS
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 15-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	109	26	40	18	7	7	6	5
	EXP.	84.6	20.2	36.1	12.5	4.1	3.8	3.8	4.2
	CONF.LIMIT	1.461	1.676	1.366	1.987	2.857	3.116	2.799	2.220
	OBS./EXP.	1.288	1.288	1.107	1.444	1.698	1.852	1.593	1.196
	CONF.LIMIT	1.132	0.977	0.889	1.029	0.947	1.032	0.839	0.584
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3134	0.2073	0.2013	0.1355	0.1524	0.2642	0.1045
1965-69	OBS.	34	6	15	8	3	1	1	0
	EXP.	23.6	5.7	10.0	3.4	1.1	1.1	1.1	1.2
	CONF.LIMIT	1.814	1.860	2.123	3.849	5.991	3.618	3.511	1.900
	OBS./EXP.	1.442	1.059	1.495	2.369	2.689	0.934	0.907	0.000
	CONF.LIMIT	1.136	0.558	1.027	1.381	0.993	0.092	0.089	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3185	0.2022	0.2666	0.1423	0.5000	0.5000	0.3949
1970-72	OBS.	21	2	8	1	2	3	3	2
	EXP.	15.7	3.8	6.6	2.1	0.7	0.8	0.8	0.8
	CONF.LIMIT	1.798	1.383	1.967	1.819	7.285	8.837	8.825	6.286
	OBS./EXP.	1.340	0.520	1.210	0.470	2.738	3.966	3.961	2.363
	CONF.LIMIT	0.981	0.139	0.705	0.046	0.731	1.464	1.462	0.631
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2246	0.3159	0.2620	0.5000	0.0954	0.0956	0.0320

TABLE 16 -1 DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	215	38	120	30	7	5	11	4
	EXP.	189.3	43.8	97.9	26.5	7.2	4.9	4.3	4.6
	CONF.LIMIT	1.242	1.078	1.382	1.447	1.632	1.877	3.848	1.723
	OBS./EXP.	1.136	0.868	1.226	1.132	0.970	1.011	2.549	0.862
	CONF.LIMIT	1.038	0.693	1.085	0.877	0.541	0.493	1.629	0.377
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0388	0.3940	0.3528	0.3153	0.4403	0.0130	0.1178
1965-69	OBS.	63	17	26	12	2	2	4	0
	EXP.	45.7	11.3	23.1	6.2	1.7	1.2	1.1	1.2
	CONF.LIMIT	1.631	2.088	1.467	2.862	3.194	4.472	7.602	1.976
	OBS./EXP.	1.380	1.504	1.127	1.931	1.200	1.681	3.802	0.000
	CONF.LIMIT	1.162	1.060	0.855	1.261	0.320	0.449	1.664	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2168	0.0806	0.5000	0.1089	0.4023	0.0402	0.0592
1970-72	OBS.	26	4	16	1	1	2	2	0
	EXP.	29.1	7.3	14.7	3.9	1.1	0.8	0.7	0.8
	CONF.LIMIT	1.161	1.100	1.532	0.987	3.664	6.882	7.859	2.939
	OBS./EXP.	0.892	0.550	1.091	0.255	0.946	2.587	2.954	0.000
	CONF.LIMIT	0.677	0.241	0.760	0.025	0.093	0.690	0.788	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1555	0.0986	0.5000	0.1283	0.2272	0.1875	0.0994

TABLE 16 -2 DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE AT B 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4	3	0	1	0	0	0	0
	EXP.	7.4	1.8	3.9	1.1	0.2	0.2	0.1	0.1
	CONF.LIMIT	1.086	3.813	0.593	3.579	9.248	15.250	16.345	21.235
	OBS./EXP.	0.543	1.711	0.000	0.925	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.238	0.632	0.000	0.091	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0302	0.2181	X	0.2554	X	X	X
1965-69	OBS.	1	1	0	0	0	0	0	0
	EXP.	1.8	0.5	1.0	0.3	0.1	0.0	0.0	0.0
	CONF.LIMIT	2.096	8.585	2.381	8.552	36.983	61.284	66.263	84.652
	OBS./EXP.	0.541	2.217	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.053	0.218	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3183	X	X	X	X	X	X
1970-72	OBS.	1	1	0	0	0	0	0	0
	EXP.	1.2	0.3	0.7	0.2	0.0	0.0	0.0	0.0
	CONF.LIMIT	3.103	12.729	3.523	12.667	55.063	90.267	99.266	124.661
	OBS./EXP.	0.802	3.288	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.079	0.323	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3178	X	X	X	X	X	X

DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 16 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	18	2	11	1	0	1	2	1
	EXP.	14.1	3.4	7.0	1.5	0.5	0.5	0.5	0.7
	CONF.LIMIT	1.758	1.544	2.385	2.505	4.981	8.094	10.713	5.592
	OBS./EXP.	1.278	0.580	1.580	0.647	0.000	2.091	4.026	1.444
	CONF.LIMIT	0.911	0.155	1.009	0.064	0.000	0.205	1.075	0.142
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1425	0.3306	0.4934	0.2134	0.5000	0.2131	0.2426
1965-69	OBS.	6	1	3	1	0	1	0	0
	EXP.	3.5	0.9	1.7	0.4	0.1	0.1	0.1	0.2
	CONF.LIMIT	2.978	4.322	3.866	10.135	20.026	32.377	18.428	13.366
	OBS./EXP.	1.696	1.116	1.735	2.618	0.000	8.363	0.000	0.000
	CONF.LIMIT	0.893	0.110	0.641	0.257	0.000	0.822	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.2347	0.5000	0.4107
1970-72	OBS.	3	1	2	0	0	0	0	0
	EXP.	2.8	0.7	1.4	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.401	5.499	3.908	7.650	25.539	24.388	23.417	16.990
	OBS./EXP.	1.077	1.420	1.469	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.398	0.140	0.392	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 16 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	23	2	12	4	3	1	1	0
	EXP.	28.2	7.1	14.0	3.7	1.0	0.7	0.8	0.9
	CONF.LIMIT	1.079	0.746	1.270	2.183	6.629	5.189	5.001	2.565
	OBS./EXP.	0.815	0.280	0.857	1.092	2.975	1.340	1.292	0.000
	CONF.LIMIT	0.606	0.075	0.559	0.478	1.098	0.132	0.127	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0996	0.4310	0.0750	0.1751	0.4906	0.5000	0.4045
1965-69	OBS.	8	0	4	1	2	0	1	0
	EXP.	7.3	1.9	3.6	0.9	0.3	0.2	0.2	0.2
	CONF.LIMIT	1.779	1.207	2.232	4.149	20.820	11.887	19.214	9.728
	OBS./EXP.	1.095	0.000	1.116	1.072	7.825	0.000	4.963	0.000
	CONF.LIMIT	0.638	0.000	0.489	0.105	2.089	0.000	0.488	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1817	0.5000	0.0555	0.2417	0.5000	0.2393	0.4072
1970-72	OBS.	3	1	1	0	0	1	0	0
	EXP.	5.4	1.4	2.7	0.7	0.2	0.1	0.2	0.2
	CONF.LIMIT	1.236	2.746	1.460	3.354	12.365	26.901	15.320	12.859
	OBS./EXP.	0.555	0.709	0.377	0.000	0.000	6.948	0.000	0.000
	CONF.LIMIT	0.205	0.070	0.037	0.000	0.000	0.683	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.5000	0.1003	0.5000	0.1897

TABLE 16 -5 DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	79	18	43	11	0	1	4	2
	EXP.	71.1	16.7	36.1	10.1	2.7	2.0	1.7	1.7
	CONF.LIMIT	1.289	1.479	1.459	1.649	0.839	1.898	4.651	3.187
	OBS./EXP.	1.111	1.075	1.190	1.092	0.000	0.490	2.326	1.198
	CONF.LIMIT	0.954	0.766	0.964	0.698	0.000	0.048	1.018	0.320
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4174	0.4765	0.0430	0.2140	0.3107	0.1642	0.4775
1965-69	OBS.	26	7	12	6	0	0	1	0
	EXP.	19.1	4.8	9.5	2.6	0.7	0.5	0.5	0.5
	CONF.LIMIT	1.774	2.477	1.868	4.004	3.234	4.228	8.594	5.016
	OBS./EXP.	1.363	1.472	1.260	2.280	0.000	0.000	2.220	0.000
	CONF.LIMIT	1.034	0.820	0.823	1.200	0.000	0.000	0.218	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4559	0.1766	0.4214	0.3170	0.5000	0.4517	0.5000
1970-72	OBS.	11	1	7	1	0	1	1	0
	EXP.	13.0	3.2	6.5	1.8	0.5	0.4	0.3	0.3
	CONF.LIMIT	1.279	1.202	1.813	2.146	4.798	10.483	13.138	7.308
	OBS./EXP.	0.848	0.310	1.078	0.554	0.000	2.708	3.393	0.000
	CONF.LIMIT	0.541	0.030	0.601	0.054	0.000	0.266	0.333	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1980	0.4536	0.5000	0.3425	0.3575	0.2988	0.2004

TABLE 16 -6 DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	91	13	54	13	4	2	4	1
	EXP.	68.5	14.7	36.9	10.1	2.8	1.5	1.2	1.3
	CONF.LIMIT	1.526	1.291	1.752	1.872	2.902	3.479	6.759	3.038
	OBS./EXP.	1.329	0.885	1.462	1.283	1.451	1.308	3.380	0.785
	CONF.LIMIT	1.154	0.589	1.214	0.854	0.635	0.349	1.480	0.077
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0685	0.4030	0.5000	0.4157	0.5000	0.1058	0.2264
1965-69	OBS.	22	8	7	4	0	1	2	0
	EXP.	13.9	3.3	7.3	2.0	0.5	0.3	0.2	0.3
	CONF.LIMIT	2.111	3.941	1.621	4.002	4.402	13.110	22.113	8.534
	OBS./EXP.	1.584	2.425	0.964	2.001	0.000	3.386	8.311	0.000
	CONF.LIMIT	1.170	1.413	0.537	0.876	0.000	0.333	2.218	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0624	0.1977	0.5000	0.3080	0.2730	0.0319	0.0270
1970-72	OBS.	8	0	6	0	1	0	1	0
	EXP.	6.7	1.6	3.5	1.0	0.3	0.1	0.1	0.1
	CONF.LIMIT	1.934	1.411	3.013	2.421	14.928	16.406	34.923	17.021
	OBS./EXP.	1.190	0.000	1.715	0.000	3.856	0.000	9.020	0.000
	CONF.LIMIT	0.693	0.000	0.903	0.000	0.379	0.000	0.886	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1007	0.2365	0.3939	0.4278	0.5000	0.1962	0.3844

DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 16 -7

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	91	16	55	9	3	2	4	2
	EXP.	87.4	20.7	44.4	11.5	3.2	2.5	2.3	2.8
	CONF.LIMIT	1.196	1.087	1.481	1.239	2.065	2.102	3.530	1.890
	OBS./EXP.	1.041	0.775	1.238	0.784	0.927	0.790	1.765	0.710
	CONF.LIMIT	0.904	0.539	1.030	0.474	0.342	0.211	0.773	0.190
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0639	0.1366	0.4386	0.1241	0.4004	0.3215	0.5000
1965-69	OBS.	28	8	13	4	1	1	1	0
	EXP.	21.7	5.5	10.7	2.8	0.8	0.6	0.6	0.7
	CONF.LIMIT	1.665	2.359	1.772	2.894	5.038	6.133	6.864	3.141
	OBS./EXP.	1.292	1.452	1.215	1.447	1.301	1.584	1.773	0.000
	CONF.LIMIT	0.991	0.846	0.809	0.634	0.128	0.156	0.174	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4247	0.4730	0.5000	0.4741	0.5000	0.5000	0.4535
1970-72	OBS.	11	2	7	0	1	0	1	0
	EXP.	13.6	3.5	6.6	1.7	0.5	0.4	0.4	0.5
	CONF.LIMIT	1.222	1.511	1.772	1.350	8.262	5.793	10.770	4.718
	OBS./EXP.	0.810	0.568	1.053	0.000	2.134	0.000	2.782	0.000
	CONF.LIMIT	0.517	0.152	0.587	0.000	0.210	0.000	0.273	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3457	0.2023	0.4202	0.3762	0.5000	0.3439	0.5000

DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 16 -8

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	124	22	65	21	4	3	7	2
	EXP.	101.9	23.1	53.5	15.0	4.0	2.4	2.0	1.8
	CONF.LIMIT	1.369	1.269	1.432	1.877	2.009	2.769	5.748	2.915
	OBS./EXP.	1.217	0.952	1.215	1.398	1.005	1.243	3.417	1.096
	CONF.LIMIT	1.079	0.703	1.027	1.025	0.440	0.459	1.904	0.292
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1947	0.3249	0.4749	0.4060	0.5000	0.0169	0.0470
1965-69	OBS.	35	9	13	8	1	1	3	0
	EXP.	24.0	5.8	12.4	3.5	0.9	0.6	0.5	0.4
	CONF.LIMIT	1.829	2.453	1.534	3.768	4.313	6.931	13.693	5.331
	OBS./EXP.	1.459	1.553	1.051	2.318	1.114	1.790	6.146	0.000
	CONF.LIMIT	1.153	0.939	0.700	1.351	0.109	0.176	2.269	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2448	0.0676	0.5000	0.0924	0.4613	0.0212	0.0388
1970-72	OBS.	15	2	9	1	0	2	1	0
	EXP.	15.6	3.7	8.0	2.2	0.6	0.4	0.3	0.3
	CONF.LIMIT	1.369	1.420	1.774	1.746	3.912	14.147	12.191	7.794
	OBS./EXP.	0.964	0.534	1.123	0.451	0.000	5.317	3.149	0.000
	CONF.LIMIT	0.662	0.142	0.679	0.044	0.000	1.419	0.309	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2669	0.3274	0.5000	0.2237	0.0845	0.3221	0.0646

TABLE 16 -9 DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	167	32	93	25	6	4	4	3
	EXP.	149.9	34.4	81.1	20.7	5.3	3.2	2.5	2.7
	CONF.LIMIT	1.233	1.179	1.315	1.578	1.986	2.521	3.140	2.486
	OBS./EXP.	1.114	0.930	1.147	1.206	1.131	1.261	1.570	1.116
	CONF.LIMIT	1.005	0.727	0.998	0.909	0.595	0.552	0.687	0.412
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1805	0.4479	0.5000	0.4628	0.4987	0.3426	0.3460
1965-69	OBS.	46	13	20	9	2	1	1	0
	EXP.	36.3	9.1	19.1	4.9	1.2	0.8	0.6	0.7
	CONF.LIMIT	1.542	2.093	1.418	2.909	4.351	5.090	6.333	3.385
	OBS./EXP.	1.267	1.435	1.048	1.842	1.635	1.315	1.636	0.000
	CONF.LIMIT	1.034	0.955	0.761	1.113	0.436	0.129	0.161	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2355	0.1189	0.3856	0.0992	0.5000	0.4843	0.4396
1970-72	OBS.	23	4	13	1	1	2	2	0
	EXP.	23.1	5.8	12.1	3.1	0.8	0.5	0.4	0.5
	CONF.LIMIT	1.320	1.381	1.569	1.248	5.017	11.129	13.894	5.052
	OBS./EXP.	0.997	0.691	1.076	0.322	1.296	4.183	5.222	0.000
	CONF.LIMIT	0.742	0.302	0.716	0.032	0.127	1.116	1.394	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3099	0.1875	0.5000	0.2564	0.1096	0.0760	0.0231

TABLE 16-10 DEATHS FROM BENIGN OR UNSPECIFIED NEOPLASMS
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	48	6	27	5	1	1	7	1
	EXP.	39.4	9.4	16.8	5.8	1.9	1.8	1.8	2.0
	CONF.LIMIT	1.477	1.125	2.077	1.610	2.025	2.185	6.664	1.983
	OBS./EXP.	1.219	0.640	1.604	0.867	0.523	0.564	3.961	0.512
	CONF.LIMIT	1.000	0.337	1.223	0.423	0.051	0.055	2.208	0.050
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0282	0.1476	0.2057	0.0784	0.2394	0.0380	0.2477
1965-69	OBS.	17	4	6	3	0	1	3	0
	EXP.	9.4	2.2	4.0	1.3	0.4	0.4	0.4	0.5
	CONF.LIMIT	2.523	3.561	2.645	5.028	5.189	9.021	15.161	4.749
	OBS./EXP.	1.817	1.781	1.506	2.257	0.000	2.330	6.805	0.000
	CONF.LIMIT	1.280	0.780	0.793	0.833	0.000	0.229	2.512	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3998	0.5000	0.5000	0.5000	0.0525	0.0872
1970-72	OBS.	3	0	3	0	0	0	0	0
	EXP.	6.1	1.5	2.6	0.8	0.3	0.3	0.3	0.3
	CONF.LIMIT	1.100	1.554	2.597	2.806	8.076	7.795	7.821	7.028
	OBS./EXP.	0.494	0.000	1.166	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.182	0.000	0.430	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2559	0.4362	0.5000	0.3425	0.5000	0.5000	0.5000

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 17 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	17439	3814	9219	2458	679	452	381	436
	EXP.	20400.7	4654.6	10723.5	2920.6	780.9	490.7	399.8	430.6
	CONF.LIMIT	0.863	0.837	0.871	0.864	0.914	0.979	1.019	1.077
	OBS./EXP.	0.855	0.819	0.860	0.842	0.870	0.921	0.953	1.012
	CONF.LIMIT	0.847	0.802	0.848	0.820	0.827	0.866	0.891	0.951
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0065	0.1778	0.3926	0.2484	0.0783	0.0254	0.0101
1965-69	OBS.	4112	970	2118	576	167	108	94	79
	EXP.	4879.1	1186.8	2506.5	688.3	179.5	117.2	96.6	104.2
	CONF.LIMIT	0.860	0.852	0.869	0.883	1.030	1.046	1.115	0.879
	OBS./EXP.	0.843	0.817	0.845	0.837	0.930	0.922	0.973	0.758
	CONF.LIMIT	0.826	0.784	0.822	0.792	0.839	0.810	0.847	0.651
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2011	0.4290	0.1213	0.3857	0.1995	0.0964	0.0681
1970-72	OBS.	2433	580	1261	348	89	58	52	45
	EXP.	3291.0	808.8	1683.7	456.9	121.5	80.9	65.8	73.5
	CONF.LIMIT	0.759	0.757	0.777	0.817	0.842	0.853	0.951	0.746
	OBS./EXP.	0.739	0.717	0.749	0.762	0.732	0.717	0.791	0.612
	CONF.LIMIT	0.720	0.679	0.722	0.710	0.635	0.599	0.654	0.498
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2012	0.3995	0.4459	0.4467	0.4048	0.3699	0.5000

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

TABLE 17 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	228	49	116	38	10	8	3	4
	EXP.	283.6	65.6	150.8	41.9	9.6	5.9	5.5	4.3
	CONF.LIMIT	0.877	0.904	0.869	1.126	1.599	2.188	1.222	1.852
	OBS./EXP.	0.804	0.747	0.769	0.907	1.037	1.346	0.548	0.926
	CONF.LIMIT	0.736	0.614	0.679	0.724	0.646	0.785	0.202	0.406
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4702	0.2115	0.2184	0.1494	0.1001	0.3975	0.2771
1965-69	OBS.	54	16	26	6	2	2	1	1
	EXP.	54.4	13.3	28.4	7.9	1.8	1.1	1.0	0.8
	CONF.LIMIT	1.188	1.689	1.190	1.330	2.925	4.735	3.805	4.707
	OBS./EXP.	0.992	1.203	0.914	0.757	1.099	1.780	0.983	1.216
	CONF.LIMIT	0.823	0.838	0.693	0.399	0.293	0.475	0.097	0.119
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2349	0.4359	0.5000	0.4856	0.2882	0.5000	0.3317
1970-72	OBS.	30	6	17	5	1	1	0	0
	EXP.	40.7	9.9	21.3	5.9	1.4	0.8	0.7	0.6
	CONF.LIMIT	0.942	1.062	1.110	1.565	2.850	4.634	3.068	3.746
	OBS./EXP.	0.738	0.605	0.799	0.843	0.736	1.197	0.000	0.000
	CONF.LIMIT	0.571	0.318	0.563	0.411	0.072	0.118	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3669	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000

TABLE 17 -3 DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	721	146	380	86	16	26	32	35
	EXP.	688.1	161.8	344.4	76.2	22.8	23.9	24.9	34.1
	CONF.LIMIT	1.100	1.006	1.180	1.301	0.984	1.417	1.627	1.287
	OBS./EXP.	1.048	0.902	1.103	1.129	0.701	1.089	1.284	1.026
	CONF.LIMIT	0.998	0.808	1.031	0.976	0.488	0.826	1.003	0.811
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0219	0.4429	0.0488	0.2912	0.5000	0.2254	0.3184
1965-69	OBS.	136	30	64	22	3	4	6	7
	EXP.	125.7	31.9	61.7	13.4	4.1	4.3	4.5	5.8
	CONF.LIMIT	1.211	1.202	1.223	2.185	1.649	1.876	2.340	2.017
	OBS./EXP.	1.082	0.941	1.037	1.639	0.740	0.938	1.332	1.199
	CONF.LIMIT	0.965	0.729	0.874	1.211	0.273	0.411	0.701	0.668
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3761	0.0392	0.4022	0.1024	0.5000	0.3404	0.4407
1970-72	OBS.	101	21	57	10	3	2	6	2
	EXP.	97.1	24.6	47.8	10.4	3.1	3.3	3.5	4.5
	CONF.LIMIT	1.185	1.145	1.421	1.488	2.141	1.617	3.051	1.182
	OBS./EXP.	1.040	0.853	1.192	0.966	0.961	0.608	1.737	0.444
	CONF.LIMIT	0.910	0.625	0.995	0.601	0.355	0.162	0.915	0.119
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1182	0.3365	0.4942	0.3017	0.2592	0.2496	0.5000

TABLE 17 -4 DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1232	268	634	152	49	39	34	56
	EXP.	1356.2	339.6	674.0	174.2	47.4	36.8	38.7	45.6
	CONF.LIMIT	0.943	0.855	0.990	0.970	1.251	1.314	1.106	1.467
	OBS./EXP.	0.908	0.789	0.941	0.872	1.035	1.061	0.879	1.229
	CONF.LIMIT	0.875	0.728	0.893	0.783	0.850	0.850	0.692	1.023
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0088	0.2168	0.2783	0.3433	0.2521	0.3920	0.4276
1965-69	OBS.	286	71	152	25	10	10	6	12
	EXP.	317.3	83.1	155.5	40.2	10.7	8.5	8.9	10.4
	CONF.LIMIT	0.974	0.999	1.087	0.814	1.441	1.819	1.182	1.706
	OBS./EXP.	0.901	0.854	0.978	0.622	0.935	1.180	0.673	1.151
	CONF.LIMIT	0.834	0.727	0.878	0.469	0.582	0.735	0.354	0.751
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1937	0.0227	0.5000	0.0371	0.3251	0.2497	0.4725
1970-72	OBS.	191	57	89	26	3	5	6	5
	EXP.	269.0	70.4	132.1	34.1	9.0	7.2	7.5	8.8
	CONF.LIMIT	0.780	0.965	0.775	0.994	0.743	1.293	1.401	1.056
	OBS./EXP.	0.710	0.810	0.674	0.764	0.334	0.697	0.798	0.569
	CONF.LIMIT	0.645	0.676	0.584	0.579	0.123	0.340	0.420	0.278
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1569	0.3196	0.1718	0.5000	0.5000	0.4053	0.4182

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 17 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4750	1090	2410	651	199	138	136	126
	EXP.	5810.2	1372.3	2951.6	820.1	222.6	167.4	139.6	136.6
	CONF.LIMIT	0.833	0.826	0.838	0.835	0.981	0.922	1.091	1.037
	OBS./EXP.	0.818	0.794	0.817	0.794	0.894	0.824	0.975	0.922
	CONF.LIMIT	0.802	0.764	0.795	0.754	0.814	0.736	0.869	0.819
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2310	0.2699	0.1143	0.4931	0.4684	0.0240	0.0846
1965-69	OBS.	1359	347	682	165	59	38	40	28
	EXP.	1662.9	409.8	834.6	231.0	62.1	47.5	39.1	38.9
	CONF.LIMIT	0.846	0.908	0.859	0.791	1.129	0.994	1.262	0.928
	OBS./EXP.	0.817	0.847	0.817	0.714	0.950	0.801	1.022	0.720
	CONF.LIMIT	0.789	0.789	0.777	0.644	0.795	0.639	0.821	0.552
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3050	0.0666	0.1455	0.2043	0.4934	0.0940	0.2209
1970-72	OBS.	988	239	489	139	45	30	25	21
	EXP.	1373.3	336.8	691.7	192.9	50.8	38.7	30.7	31.7
	CONF.LIMIT	0.750	0.772	0.750	0.806	1.080	0.990	1.067	0.889
	OBS./EXP.	0.719	0.710	0.707	0.721	0.885	0.775	0.815	0.662
	CONF.LIMIT	0.690	0.651	0.666	0.644	0.721	0.600	0.615	0.485
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4946	0.4359	0.0827	0.2343	0.3368	0.2677	0.2257

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 17 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	10508	2261	5679	1531	405	241	176	215
	EXP.	12262.7	2715.3	6602.8	1808.2	478.5	256.7	191.2	210.0
	CONF.LIMIT	0.868	0.856	0.875	0.875	0.903	1.021	1.016	1.119
	OBS./EXP.	0.857	0.833	0.860	0.847	0.846	0.939	0.921	1.024
	CONF.LIMIT	0.846	0.810	0.845	0.819	0.793	0.862	0.833	0.935
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0988	0.2991	0.3904	0.2800	0.0952	0.1941	0.0611
1965-69	OBS.	2277	506	1194	358	93	54	41	31
	EXP.	2718.7	648.7	1426.3	395.8	100.8	55.9	43.0	48.3
	CONF.LIMIT	0.860	0.826	0.869	0.969	1.058	1.158	1.174	0.817
	OBS./EXP.	0.838	0.780	0.837	0.904	0.923	0.967	0.953	0.642
	CONF.LIMIT	0.815	0.736	0.806	0.844	0.802	0.802	0.768	0.500
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0961	0.1040	0.1939	0.0735	0.1629	0.2240	0.1053
1970-72	OBS.	1123	257	609	168	37	20	15	17
	EXP.	1510.9	367.0	790.8	213.6	57.2	30.9	23.4	27.9
	CONF.LIMIT	0.772	0.760	0.812	0.870	0.805	0.875	0.911	0.846
	OBS./EXP.	0.743	0.700	0.770	0.786	0.646	0.647	0.641	0.609
	CONF.LIMIT	0.715	0.645	0.730	0.710	0.514	0.470	0.441	0.429
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1076	0.4193	0.1747	0.4324	0.2644	0.2935	0.1786

TABLE 17 -7 DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA +NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	8795	1892	4647	1163	328	257	220	288
	EXP.	9848.2	2240.8	5087.2	1358.3	381.1	267.2	227.0	286.6
	CONF.LIMIT	0.905	0.870	0.931	0.889	0.925	1.044	1.058	1.085
	OBS./EXP.	0.893	0.844	0.913	0.856	0.861	0.962	0.969	1.005
	CONF.LIMIT	0.881	0.820	0.896	0.824	0.800	0.886	0.886	0.930
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0020	0.0252	0.1567	0.0170	0.2164	0.2023	0.1293
1965-69	OBS.	2070	490	1067	268	77	61	51	56
	EXP.	2343.4	580.8	1167.1	314.8	88.4	65.9	54.6	72.0
	CONF.LIMIT	0.909	0.895	0.951	0.922	1.012	1.098	1.126	0.929
	OBS./EXP.	0.883	0.844	0.914	0.851	0.871	0.926	0.935	0.778
	CONF.LIMIT	0.859	0.795	0.879	0.785	0.746	0.778	0.771	0.648
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0745	0.1581	0.3672	0.1505	0.4789	0.4582	0.4454
1970-72	OBS.	1165	288	596	148	38	34	29	32
	EXP.	1538.4	396.4	754.8	200.6	55.3	42.3	36.9	52.1
	CONF.LIMIT	0.787	0.784	0.833	0.822	0.853	1.010	1.008	0.778
	OBS./EXP.	0.757	0.726	0.790	0.738	0.687	0.803	0.786	0.614
	CONF.LIMIT	0.729	0.672	0.748	0.661	0.549	0.632	0.606	0.480
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1306	0.2467	0.2318	0.1738	0.4866	0.5000	0.4989

TABLE 17 -8 DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA +NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	8644	1922	4572	1295	351	195	161	148
	EXP.	10552.5	2413.8	5636.3	1562.3	399.7	223.5	172.8	144.0
	CONF.LIMIT	0.831	0.820	0.827	0.859	0.941	0.958	1.033	1.144
	OBS./EXP.	0.819	0.796	0.811	0.829	0.878	0.872	0.932	1.027
	CONF.LIMIT	0.808	0.773	0.796	0.800	0.819	0.793	0.839	0.921
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2523	0.2499	0.0790	0.1232	0.1661	0.0445	0.0333
1965-69	OBS.	2042	480	1051	308	90	47	43	23
	EXP.	2535.6	606.0	1339.4	373.5	91.1	51.3	42.0	32.3
	CONF.LIMIT	0.829	0.840	0.817	0.888	1.136	1.112	1.254	0.943
	OBS./EXP.	0.805	0.792	0.785	0.825	0.988	0.915	1.023	0.712
	CONF.LIMIT	0.783	0.746	0.754	0.765	0.857	0.749	0.829	0.530
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4418	0.2302	0.0196	0.0713	0.1637	0.0496	0.0334
1970-72	OBS.	1268	292	665	200	51	24	23	13
	EXP.	1752.6	412.3	928.9	256.3	66.2	38.6	28.9	21.4
	CONF.LIMIT	0.750	0.764	0.753	0.856	0.928	0.819	1.055	0.885
	OBS./EXP.	0.723	0.708	0.716	0.780	0.770	0.622	0.797	0.606
	CONF.LIMIT	0.698	0.656	0.681	0.711	0.636	0.466	0.593	0.404
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4544	0.1499	0.3266	0.1364	0.2914	0.3342	0.4672

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 17 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72	OBS.	13435	2939	7458	1811	491	288	213	235
TOTAL	EXP.	16570.7	3762.8	9074.0	2311.2	586.8	323.2	253.7	259.1
	CONF.LIMIT	0.820	0.800	0.834	0.808	0.887	0.962	0.918	0.988
	OBS./EXP.	0.811	0.781	0.822	0.784	0.837	0.891	0.840	0.907
	CONF.LIMIT	0.802	0.763	0.810	0.760	0.789	0.825	0.767	0.832
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0099	0.0353	0.3563	0.0783	0.0924	0.3889	0.1195
1965-69	OBS.	3205	752	1736	438	118	70	57	34
	EXP.	3996.5	979.8	2126.7	549.5	137.2	78.7	60.8	63.8
	CONF.LIMIT	0.820	0.805	0.842	0.848	0.970	1.042	1.117	0.671
	OBS./EXP.	0.802	0.768	0.816	0.797	0.860	0.890	0.937	0.533
	CONF.LIMIT	0.784	0.732	0.791	0.749	0.760	0.756	0.782	0.420
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0827	0.3392	0.3047	0.4438	0.2542	0.1645	0.1248
1970-72	OBS.	1929	475	1043	250	67	40	29	25
	EXP.	2683.2	662.3	1422.9	369.5	92.2	51.0	40.6	44.7
	CONF.LIMIT	0.740	0.761	0.763	0.735	0.854	0.968	0.916	0.732
	OBS./EXP.	0.719	0.717	0.733	0.677	0.727	0.784	0.714	0.560
	CONF.LIMIT	0.698	0.675	0.704	0.622	0.615	0.630	0.550	0.422
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3580	0.1365	0.5000	0.1626	0.3591	0.4921	0.4323

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA, MALE, ALL AGES

TABLE 17-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72	OBS.	6679	1411	3739	856	229	178	120	146
TOTAL	EXP.	7869.0	1752.5	4279.8	1063.8	283.8	179.7	140.5	168.9
	CONF.LIMIT	0.862	0.833	0.892	0.841	0.880	1.093	0.963	0.964
	OBS./EXP.	0.849	0.805	0.874	0.805	0.807	0.990	0.854	0.864
	CONF.LIMIT	0.835	0.778	0.855	0.770	0.739	0.897	0.756	0.774
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0047	0.0159	0.1303	0.0094	0.0539	0.4259	0.1526
1965-69	OBS.	1573	361	868	199	52	43	27	23
	EXP.	1879.1	462.8	981.5	247.7	67.7	44.1	32.6	42.7
	CONF.LIMIT	0.865	0.835	0.924	0.881	0.924	1.194	1.074	0.714
	OBS./EXP.	0.837	0.780	0.884	0.803	0.769	0.974	0.829	0.539
	CONF.LIMIT	0.810	0.728	0.846	0.731	0.636	0.789	0.633	0.401
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0242	0.1197	0.1848	0.0763	0.2865	0.4191	0.4170
1970-72	OBS.	881	224	477	100	29	21	14	16
	EXP.	1229.0	312.8	635.0	160.5	42.1	25.9	21.5	31.2
	CONF.LIMIT	0.749	0.781	0.797	0.711	0.884	1.090	0.935	0.719
	OBS./EXP.	0.717	0.716	0.751	0.623	0.689	0.812	0.650	0.513
	CONF.LIMIT	0.686	0.655	0.707	0.545	0.531	0.595	0.440	0.357
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2929	0.0505	0.3692	0.0535	0.3945	0.3576	0.5000

TABLE 17-11 DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	6756	1528	3719	955	262	110	93	89
	EXP.	8701.6	2010.3	4794.2	1247.4	303.0	143.5	113.2	90.2
	CONF.LIMIT	0.789	0.786	0.792	0.798	0.937	0.869	0.942	1.135
	OBS./EXP.	0.776	0.760	0.776	0.766	0.865	0.767	0.822	0.987
	CONF.LIMIT	0.764	0.735	0.759	0.734	0.797	0.675	0.715	0.855
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2569	0.3665	0.0468	0.3652	0.4775	0.3037	0.4026
1965-69	OBS.	1632	391	868	239	66	27	30	11
	EXP.	2117.5	516.9	1145.2	301.8	69.6	34.6	28.3	21.1
	CONF.LIMIT	0.796	0.808	0.792	0.862	1.116	1.012	1.355	0.787
	OBS./EXP.	0.771	0.756	0.758	0.792	0.948	0.781	1.061	0.522
	CONF.LIMIT	0.746	0.708	0.725	0.727	0.802	0.596	0.822	0.333
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2847	0.0437	0.1199	0.4654	0.0405	0.1032
1970-72	OBS.	1048	251	566	150	38	19	15	9
	EXP.	1454.2	349.5	787.8	209.0	50.1	25.1	19.1	13.5
	CONF.LIMIT	0.750	0.780	0.759	0.799	0.942	1.030	1.114	1.057
	OBS./EXP.	0.721	0.718	0.718	0.718	0.758	0.756	0.785	0.669
	CONF.LIMIT	0.692	0.661	0.680	0.644	0.606	0.544	0.539	0.404
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.3969	0.4670	0.4463	0.4032	0.3759

TABLE 17-12 DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4004	875	1761	647	188	164	168	201
	EXP.	3830.0	891.8	1649.6	609.5	194.1	167.5	146.1	171.6
	CONF.LIMIT	1.067	1.025	1.101	1.117	1.066	1.085	1.272	1.285
	OBS./EXP.	1.045	0.981	1.068	1.062	0.969	0.979	1.150	1.172
	CONF.LIMIT	1.024	0.939	1.035	1.008	0.879	0.882	1.038	1.067
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0218	0.4620	0.1110	0.2680	0.1563	0.1865	0.4591
1965-69	OBS.	907	218	382	138	49	38	37	45
	EXP.	882.5	207.0	379.8	138.8	42.2	38.5	35.8	40.5
	CONF.LIMIT	1.073	1.151	1.075	1.112	1.403	1.226	1.289	1.356
	OBS./EXP.	1.028	1.053	1.006	0.995	1.160	0.987	1.035	1.112
	CONF.LIMIT	0.984	0.963	0.940	0.888	0.953	0.788	0.824	0.905
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3078	0.4773	0.1891	0.3973	0.4984	0.4594	0.5000
1970-72	OBS.	504	105	218	98	22	18	23	20
	EXP.	607.8	146.4	260.8	87.4	29.3	29.9	25.1	28.9
	CONF.LIMIT	0.879	0.815	0.913	1.281	1.000	0.828	1.212	0.937
	OBS./EXP.	0.829	0.717	0.836	1.122	0.750	0.602	0.915	0.693
	CONF.LIMIT	0.782	0.629	0.764	0.979	0.554	0.429	0.681	0.503
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1095	0.0088	0.3635	0.0380	0.1133	0.3709	0.2817

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
NAGASAKI, MALE, ALL AGES

TABLE 17-13

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2116	481	908	307	99	79	100	142
	EXP.	1979.2	488.2	807.4	294.6	97.3	87.4	86.5	117.7
	CONF.LIMIT	1.100	1.045	1.174	1.123	1.161	1.048	1.319	1.347
	OBS./EXP.	1.069	0.985	1.125	1.042	1.017	0.903	1.157	1.206
	CONF.LIMIT	1.039	0.928	1.077	0.967	0.888	0.776	1.011	1.079
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0102	0.1322	0.1879	0.0896	0.0358	0.4099	0.1505
1965-69	OBS.	497	129	199	69	25	18	24	33
	EXP.	464.4	117.9	185.6	67.1	20.8	21.7	22.0	29.3
	CONF.LIMIT	1.135	1.228	1.177	1.207	1.575	1.140	1.436	1.423
	OBS./EXP.	1.070	1.094	1.072	1.029	1.203	0.829	1.091	1.127
	CONF.LIMIT	1.009	0.972	0.976	0.874	0.907	0.590	0.817	0.884
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4515	0.4146	0.3221	0.5000	0.1814	0.5000	0.2914
1970-72	OBS.	284	64	119	48	9	13	15	16
	EXP.	309.4	83.6	119.7	40.1	13.2	16.5	15.4	20.9
	CONF.LIMIT	0.992	0.903	1.121	1.451	1.075	1.152	1.384	1.075
	OBS./EXP.	0.918	0.765	0.994	1.198	0.681	0.790	0.975	0.766
	CONF.LIMIT	0.849	0.645	0.879	0.982	0.411	0.526	0.670	0.533
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0535	0.1544	0.1801	0.3508	0.2670	0.5000	0.3214

DEATHS FROM ALL DISEASE EXCEPT NEOPLASMS
NAGASAKI, FEMALE, ALL AGES

TABLE 17-14

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1888	394	853	340	89	85	68	59
	EXP.	1850.8	403.5	842.1	314.9	96.8	80.1	59.6	53.9
	CONF.LIMIT	1.051	1.043	1.059	1.159	1.058	1.225	1.339	1.302
	OBS./EXP.	1.020	0.976	1.013	1.080	0.920	1.062	1.140	1.095
	CONF.LIMIT	0.990	0.914	0.969	1.005	0.797	0.917	0.967	0.917
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2846	0.1661	0.2126	0.3243	0.3551	0.1858	0.1960
1965-69	OBS.	410	89	183	69	24	20	13	12
	EXP.	418.2	89.1	194.2	71.7	21.5	16.8	13.8	11.2
	CONF.LIMIT	1.045	1.149	1.038	1.128	1.471	1.612	1.379	1.589
	OBS./EXP.	0.980	0.999	0.942	0.962	1.118	1.192	0.945	1.072
	CONF.LIMIT	0.919	0.866	0.854	0.817	0.837	0.866	0.629	0.700
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3456	0.4647	0.2410	0.3462	0.1824	0.5000	0.2579
1970-72	OBS.	220	41	99	50	13	5	8	4
	EXP.	298.4	62.8	141.1	47.3	16.1	13.4	9.8	8.0
	CONF.LIMIT	0.805	0.804	0.801	1.276	1.177	0.691	1.333	1.002
	OBS./EXP.	0.737	0.653	0.702	1.057	0.807	0.372	0.820	0.501
	CONF.LIMIT	0.674	0.526	0.613	0.871	0.537	0.182	0.478	0.219
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3873	0.0107	0.3595	0.0181	0.1179	0.3878	0.2759

TABLE 18 -1 DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1400	281	695	228	48	48	37	63
	EXP.	1254.3	278.6	648.4	169.2	47.6	36.4	33.9	40.2
	CONF.LIMIT	1.155	1.090	1.126	1.469	1.221	1.598	1.359	1.853
	OBS./EXP.	1.116	1.009	1.072	1.348	1.008	1.319	1.091	1.568
	CONF.LIMIT	1.078	0.932	1.020	1.235	0.826	1.082	0.869	1.321
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2058	0.0015	0.3743	0.0084	0.0907	0.4812	0.1571
1965-69	OBS.	192	51	93	29	6	5	2	6
	EXP.	169.9	42.5	84.9	22.4	6.1	4.7	4.2	5.1
	CONF.LIMIT	1.242	1.446	1.256	1.661	1.715	1.978	1.258	2.081
	OBS./EXP.	1.130	1.201	1.096	1.295	0.977	1.066	0.473	1.185
	CONF.LIMIT	1.027	0.991	0.953	0.998	0.514	0.520	0.126	0.624
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3281	0.2436	0.4936	0.3150	0.5000	0.1655	0.2610
1970-72	OBS.	82	26	34	13	2	5	2	0
	EXP.	100.7	25.4	50.1	13.2	3.6	2.8	2.5	3.1
	CONF.LIMIT	0.942	1.330	0.853	1.436	1.481	3.322	2.131	0.749
	OBS./EXP.	0.814	1.022	0.678	0.984	0.556	1.790	0.801	0.000
	CONF.LIMIT	0.701	0.775	0.534	0.655	0.149	0.873	0.214	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0720	0.1577	0.5000	0.2260	0.0531	0.5000	0.0915

TABLE 18 -2 DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	26	2	13	7	1	3	0	0
	EXP.	42.3	9.7	22.5	6.2	1.4	0.9	0.8	0.7
	CONF.LIMIT	0.800	0.551	0.842	1.892	2.696	7.194	2.771	3.365
	OBS./EXP.	0.615	0.207	0.577	1.124	0.696	3.229	0.000	0.000
	CONF.LIMIT	0.466	0.055	0.384	0.627	0.068	1.192	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1266	0.1217	0.5000	0.1389	0.0236	0.5000	0.1047
1965-69	OBS.	4	0	1	0	1	2	0	0
	EXP.	5.1	1.3	2.7	0.7	0.2	0.1	0.1	0.1
	CONF.LIMIT	1.555	1.829	1.442	3.090	22.593	48.798	23.869	28.269
	OBS./EXP.	0.778	0.000	0.373	0.000	5.836	18.340	0.000	0.000
	CONF.LIMIT	0.340	0.000	0.037	0.000	0.573	4.895	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.1164	0.4440	0.0045	0.5000	0.0144
1970-72	OBS.	0	0	0	0	0	0	0	0
	EXP.	4.3	1.0	2.2	0.6	0.1	0.1	0.1	0.1
	CONF.LIMIT	0.536	2.197	1.027	3.696	16.059	25.670	29.214	34.267
	OBS./EXP.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		X	X	X	X	X	X	X

DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 18 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	238	44	128	25	6	10	11	14
	EXP.	210.4	46.7	106.6	23.6	7.1	7.5	7.9	10.9
	CONF.LIMIT	1.231	1.152	1.348	1.384	1.482	2.050	2.112	1.844
	OBS./EXP.	1.131	0.942	1.200	1.058	0.844	1.330	1.399	1.282
	CONF.LIMIT	1.038	0.766	1.067	0.797	0.444	0.828	0.894	0.868
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0977	0.3258	0.2686	0.2238	0.4241	0.3559	0.3243
1965-69	OBS.	23	4	12	4	1	0	0	2
	EXP.	18.8	4.8	9.2	2.0	0.6	0.6	0.7	0.9
	CONF.LIMIT	1.621	1.683	1.936	3.970	6.344	3.579	3.403	5.906
	OBS./EXP.	1.224	0.842	1.306	1.985	1.639	0.000	0.000	2.220
	CONF.LIMIT	0.911	0.368	0.853	0.869	0.161	0.000	0.000	0.592
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3159	0.3217	0.5000	0.3209	0.4443	0.4267	0.2001
1970-72	OBS.	13	3	5	2	1	1	1	0
	EXP.	12.4	3.1	6.1	1.3	0.4	0.4	0.4	0.6
	CONF.LIMIT	1.534	2.139	1.526	4.012	9.705	9.223	8.761	4.073
	OBS./EXP.	1.052	0.960	0.822	1.508	2.507	2.382	2.263	0.000
	CONF.LIMIT	0.700	0.354	0.401	0.403	0.246	0.234	0.222	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3649	0.3169	0.2509	0.3299	0.3435	0.2121

DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 18 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	309	61	153	45	13	12	6	19
	EXP.	267.1	63.5	134.0	34.2	9.6	7.6	8.1	10.1
	CONF.LIMIT	1.246	1.138	1.269	1.607	1.971	2.348	1.294	2.572
	OBS./EXP.	1.157	0.960	1.142	1.318	1.351	1.584	0.737	1.886
	CONF.LIMIT	1.073	0.806	1.025	1.073	0.899	1.034	0.388	1.358
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1439	0.2190	0.3176	0.1838	0.1646	0.2006	0.5000
1965-69	OBS.	30	7	18	1	1	1	0	2
	EXP.	27.4	7.2	13.3	3.4	0.9	0.8	0.8	1.0
	CONF.LIMIT	1.399	1.636	1.859	1.148	4.226	5.112	2.802	5.259
	OBS./EXP.	1.095	0.972	1.352	0.297	1.092	1.320	0.000	1.977
	CONF.LIMIT	0.848	0.542	0.963	0.029	0.107	0.130	0.000	0.528
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3040	0.0797	0.5000	0.1020	0.5000	0.3408	0.3872
1970-72	OBS.	15	6	5	3	0	1	0	0
	EXP.	17.2	4.5	8.4	2.1	0.6	0.5	0.5	0.6
	CONF.LIMIT	1.240	2.333	1.109	3.169	4.071	8.123	4.454	3.628
	OBS./EXP.	0.873	1.328	0.598	1.422	0.000	2.098	0.000	0.000
	CONF.LIMIT	0.600	0.699	0.292	0.525	0.000	0.206	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1498	0.2062	0.5000	0.3023	0.2829	0.5000	0.4899

TABLE 18 -5 DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	474	96	244	71	14	14	13	22
	EXP.	422.7	95.1	216.8	59.3	16.5	12.7	10.9	11.5
	CONF.LIMIT	1.190	1.155	1.224	1.401	1.220	1.589	1.747	2.561
	OBS./EXP.	1.121	1.009	1.126	1.197	0.848	1.105	1.198	1.921
	CONF.LIMIT	1.056	0.880	1.034	1.019	0.574	0.748	0.797	1.419
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2006	0.3433	0.1904	0.5000	0.5000	0.4539	0.4919
1965-69	OBS.	78	21	38	13	2	1	1	2
	EXP.	71.5	18.1	35.5	9.6	2.6	2.1	1.7	2.0
	CONF.LIMIT	1.266	1.561	1.331	1.980	2.022	1.834	2.232	2.713
	OBS./EXP.	1.090	1.163	1.072	1.357	0.760	0.474	0.577	1.020
	CONF.LIMIT	0.935	0.852	0.856	0.903	0.203	0.047	0.057	0.272
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4290	0.2747	0.4716	0.3758	0.3484	0.4516	0.2362
1970-72	OBS.	38	13	20	3	0	2	0	0
	EXP.	46.4	11.7	23.0	6.3	1.7	1.4	1.1	1.3
	CONF.LIMIT	1.016	1.620	1.175	1.064	1.366	3.898	2.131	1.782
	OBS./EXP.	0.818	1.111	0.869	0.478	0.000	1.465	0.000	0.000
	CONF.LIMIT	0.654	0.739	0.631	0.176	0.000	0.391	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2988	0.2415	0.2437	0.1212	0.3511	0.4000	0.5000

TABLE 18 -6 DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	353	78	157	80	14	9	7	8
	EXP.	311.9	63.6	168.5	45.9	13.0	7.7	6.2	7.1
	CONF.LIMIT	1.213	1.424	1.035	2.021	1.552	1.848	1.894	1.842
	OBS./EXP.	1.132	1.226	0.932	1.744	1.079	1.170	1.126	1.134
	CONF.LIMIT	1.055	1.052	0.838	1.499	0.731	0.707	0.628	0.661
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0271	0.0000	0.3368	0.0000	0.2969	0.3652	0.2416
1965-69	OBS.	57	19	24	11	1	1	1	0
	EXP.	47.0	11.2	24.2	6.7	1.8	1.1	0.9	1.1
	CONF.LIMIT	1.446	2.311	1.305	2.482	2.134	3.614	4.284	2.077
	OBS./EXP.	1.213	1.695	0.991	1.644	0.551	0.933	1.107	0.000
	CONF.LIMIT	1.012	1.220	0.743	1.050	0.054	0.092	0.109	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0523	0.1078	0.4717	0.1993	0.5000	0.5000	0.5000
1970-72	OBS.	16	4	4	5	1	1	1	0
	EXP.	20.5	5.1	10.4	2.9	0.8	0.4	0.4	0.5
	CONF.LIMIT	1.097	1.582	0.768	3.240	4.824	8.748	10.159	4.459
	OBS./EXP.	0.782	0.791	0.384	1.746	1.246	2.260	2.624	0.000
	CONF.LIMIT	0.544	0.346	0.168	0.852	0.122	0.222	0.258	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2456	0.0269	0.3102	0.0241	0.1879	0.1645	0.0661

DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 18 -7

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	832	178	402	123	31	33	22	43
	EXP.	686.1	158.6	350.3	87.3	25.2	21.0	19.7	24.0
	CONF.LIMIT	1.268	1.238	1.225	1.586	1.567	1.984	1.485	2.194
	OBS./EXP.	1.213	1.123	1.148	1.408	1.232	1.572	1.114	1.790
	CONF.LIMIT	1.159	1.016	1.075	1.248	0.958	1.233	0.823	1.451
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4232	0.0257	0.3774	0.0342	0.0473	0.5000	0.1412
1965-69	OBS.	126	39	55	19	4	3	2	4
	EXP.	104.7	26.7	51.6	13.2	3.7	3.1	2.8	3.6
	CONF.LIMIT	1.353	1.809	1.275	1.962	2.161	2.166	1.905	2.205
	OBS./EXP.	1.203	1.461	1.066	1.439	1.080	0.972	0.716	1.103
	CONF.LIMIT	1.068	1.170	0.886	1.036	0.473	0.359	0.191	0.483
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0785	0.1548	0.5000	0.1906	0.5000	0.4340	0.4148
1970-72	OBS.	57	19	27	5	1	5	0	0
	EXP.	62.0	16.1	30.3	7.7	2.1	1.8	1.7	2.2
	CONF.LIMIT	1.097	1.612	1.153	1.199	1.812	5.091	1.390	1.028
	OBS./EXP.	0.920	1.182	0.891	0.646	0.468	2.743	0.000	0.000
	CONF.LIMIT	0.768	0.851	0.679	0.315	0.046	1.338	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2089	0.3448	0.4417	0.2688	0.0329	0.2380	0.2289

DEATHS FROM TUBERCULOSIS
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 18 -8

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	568	103	293	105	17	15	15	20
	EXP.	568.2	120.1	298.1	81.8	22.5	15.4	14.2	16.2
	CONF.LIMIT	1.056	0.977	1.061	1.459	1.051	1.384	1.504	1.673
	OBS./EXP.	1.000	0.858	0.983	1.283	0.756	0.974	1.059	1.237
	CONF.LIMIT	0.946	0.751	0.910	1.125	0.533	0.669	0.728	0.899
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1305	0.0107	0.1816	0.0584	0.5000	0.4254	0.4609
1965-69	OBS.	66	12	38	10	2	2	0	2
	EXP.	65.2	15.8	33.3	9.2	2.4	1.6	1.4	1.4
	CONF.LIMIT	1.192	1.127	1.419	1.676	2.179	3.316	1.600	3.705
	OBS./EXP.	1.013	0.760	1.142	1.087	0.819	1.246	0.000	1.392
	CONF.LIMIT	0.857	0.496	0.912	0.677	0.219	0.333	0.000	0.372
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1425	0.5000	0.4785	0.4513	0.5000	0.2004	0.3375
1970-72	OBS.	25	7	7	8	1	0	2	0
	EXP.	38.8	9.4	19.8	5.5	1.5	1.0	0.8	0.8
	CONF.LIMIT	0.844	1.256	0.595	2.378	2.656	2.369	6.318	2.753
	OBS./EXP.	0.645	0.746	0.353	1.464	0.686	0.000	2.375	0.000
	CONF.LIMIT	0.486	0.416	0.197	0.853	0.067	0.000	0.634	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1274	0.0070	0.4334	0.0096	0.5000	0.0495	0.1708

TABLE 18 -9 DEATHS FROM TUBERCULOSIS
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	931	177	500	156	33	27	13	25
	EXP.	958.8	206.4	525.3	130.4	33.8	22.0	18.6	22.2
	CONF.LIMIT	1.013	0.946	1.009	1.329	1.234	1.586	1.021	1.471
	OBS./EXP.	0.971	0.858	0.952	1.196	0.978	1.225	0.700	1.124
	CONF.LIMIT	0.930	0.776	0.898	1.075	0.767	0.934	0.466	0.848
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1265	0.0070	0.4664	0.0141	0.1146	0.1738	0.4415
1965-69	OBS.	137	38	72	20	3	2	1	1
	EXP.	133.2	33.5	69.6	17.5	4.4	2.9	2.4	2.9
	CONF.LIMIT	1.150	1.409	1.209	1.546	1.502	1.817	1.632	1.342
	OBS./EXP.	1.028	1.135	1.034	1.143	0.674	0.683	0.422	0.347
	CONF.LIMIT	0.917	0.906	0.882	0.830	0.249	0.182	0.041	0.034
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3549	0.3860	0.3334	0.5000	0.4212	0.3021	0.2141
1970-72	OBS.	62	23	26	8	2	3	0	0
	EXP.	78.8	20.0	41.0	10.4	2.6	1.7	1.4	1.8
	CONF.LIMIT	0.931	1.525	0.825	1.254	2.053	3.944	1.679	1.310
	OBS./EXP.	0.787	1.152	0.634	0.772	0.772	1.770	0.000	0.000
	CONF.LIMIT	0.662	0.857	0.481	0.450	0.206	0.653	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0237	0.3758	0.5000	0.3562	0.1063	0.4257	0.3277

TABLE 18-10 DEATHS FROM TUBERCULOSIS
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	469	104	195	72	15	21	24	38
	EXP.	295.6	72.2	123.1	38.8	13.9	14.3	15.3	17.9
	CONF.LIMIT	1.685	1.638	1.740	2.171	1.535	1.966	2.061	2.630
	OBS./EXP.	1.587	1.440	1.584	1.858	1.081	1.465	1.566	2.118
	CONF.LIMIT	1.494	1.262	1.441	1.583	0.742	1.073	1.173	1.691
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2354	0.1366	0.0983	0.3929	0.4201	0.5000	0.4344
1965-69	OBS.	55	13	21	9	3	3	1	5
	EXP.	36.6	9.0	15.3	4.9	1.7	1.8	1.9	2.2
	CONF.LIMIT	1.795	2.108	1.847	2.901	3.943	3.793	2.082	4.262
	OBS./EXP.	1.501	1.445	1.376	1.837	1.770	1.702	0.538	2.296
	CONF.LIMIT	1.248	0.962	1.008	1.110	0.653	0.628	0.053	1.120
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2906	0.4355	0.2708	0.4590	0.2934	0.4617
1970-72	OBS.	20	3	8	5	0	2	2	0
	EXP.	21.9	5.5	9.1	2.8	1.0	1.1	1.1	1.3
	CONF.LIMIT	1.232	1.221	1.430	3.271	2.296	4.843	4.720	1.747
	OBS./EXP.	0.911	0.548	0.880	1.762	0.000	1.820	1.774	0.000
	CONF.LIMIT	0.662	0.202	0.513	0.860	0.000	0.486	0.474	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3561	0.1764	0.4333	0.3363	0.2943	0.3040	0.1967

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 19 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	5170	1165	2709	726	209	134	106	121
	EXP.	6819.6	1572.2	3563.0	979.2	263.7	166.4	134.6	140.5
	CONF.LIMIT	0.772	0.770	0.779	0.778	0.868	0.902	0.895	0.970
	OBS./EXP.	0.758	0.741	0.760	0.741	0.793	0.805	0.787	0.861
	CONF.LIMIT	0.745	0.713	0.742	0.706	0.723	0.718	0.691	0.762
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2375	0.2818	0.2897	0.3983	0.2677	0.3745	0.2474
1965-69	OBS.	1365	314	703	191	63	29	33	32
	EXP.	1852.2	449.8	949.6	260.9	68.7	45.5	37.7	40.0
	CONF.LIMIT	0.763	0.751	0.777	0.805	1.084	0.818	1.105	1.013
	OBS./EXP.	0.737	0.698	0.740	0.732	0.917	0.638	0.875	0.799
	CONF.LIMIT	0.712	0.648	0.705	0.665	0.772	0.491	0.687	0.625
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2043	0.4648	0.0572	0.3025	0.2506	0.1910	0.4986
1970-72	OBS.	825	193	434	115	31	18	19	15
	EXP.	1251.8	307.6	638.0	174.0	46.4	31.5	25.7	28.5
	CONF.LIMIT	0.689	0.689	0.724	0.747	0.850	0.786	1.008	0.748
	OBS./EXP.	0.659	0.627	0.680	0.661	0.668	0.571	0.739	0.527
	CONF.LIMIT	0.630	0.570	0.639	0.583	0.519	0.407	0.532	0.362
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1874	0.4147	0.5000	0.4109	0.2803	0.3939	0.4251

TABLE 19 -2 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	10	4	3	1	0	0	2	0
	EXP.	10.8	2.6	5.7	1.6	0.4	0.2	0.2	0.2
	CONF.LIMIT	1.424	3.061	1.179	2.443	6.426	10.073	26.248	13.541
	OBS./EXP.	0.924	1.531	0.529	0.631	0.000	0.000	9.865	0.000
	CONF.LIMIT	0.575	0.670	0.195	0.062	0.000	0.000	2.633	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1472	0.5000	0.5000	0.5000	0.5000	0.0111	0.0433
1965-69	OBS.	5	3	1	0	0	0	1	0
	EXP.	3.4	0.8	1.8	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.725	8.044	2.180	4.614	20.547	32.235	60.807	43.298
	OBS./EXP.	1.468	3.610	0.563	0.000	0.000	0.000	15.706	0.000
	CONF.LIMIT	0.716	1.333	0.055	0.000	0.000	0.000	1.543	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0986	0.5000	0.5000	0.5000	0.5000	0.0680	0.1363
1970-72	OBS.	2	0	1	1	0	0	0	0
	EXP.	3.7	0.9	1.9	0.5	0.1	0.1	0.1	0.1
	CONF.LIMIT	1.438	2.556	2.003	7.143	18.988	29.635	34.216	39.196
	OBS./EXP.	0.541	0.000	0.517	1.845	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.144	0.000	0.051	0.181	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3900	0.5000	0.4456	0.5000	0.5000	0.5000

TABLE 19 -3 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	53	11	28	8	2	0	1	3
	EXP.	57.9	14.6	28.5	6.1	1.9	2.0	2.1	2.7
	CONF.LIMIT	1.099	1.137	1.266	2.144	2.863	1.147	1.811	2.447
	OBS./EXP.	0.915	0.753	0.983	1.320	1.076	0.000	0.468	1.098
	CONF.LIMIT	0.758	0.481	0.754	0.769	0.287	0.000	0.046	0.405
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2867	0.2856	0.5000	0.3007	0.1488	0.3896	0.1017
1965-69	OBS.	14	2	7	2	1	0	0	2
	EXP.	20.3	5.2	10.0	2.1	0.6	0.7	0.8	0.9
	CONF.LIMIT	0.991	1.024	1.182	2.536	5.983	3.270	3.034	5.674
	OBS./EXP.	0.689	0.385	0.702	0.953	1.545	0.000	0.000	2.132
	CONF.LIMIT	0.467	0.103	0.391	0.254	0.152	0.000	0.000	0.569
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3545	0.4814	0.3955	0.3708	0.5000	0.5000	0.3837
1970-72	OBS.	20	5	13	1	0	0	1	0
	EXP.	21.6	5.5	10.6	2.3	0.7	0.7	0.8	1.0
	CONF.LIMIT	1.249	1.685	1.784	1.711	3.328	3.088	4.921	2.245
	OBS./EXP.	0.924	0.908	1.223	0.442	0.000	0.000	1.271	0.000
	CONF.LIMIT	0.671	0.443	0.814	0.043	0.000	0.000	0.125	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3846	0.2671	0.4410	0.1580	0.4147	0.5000	0.4585

TABLE 19 -4 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	215	56	98	25	8	6	11	11
	EXP.	333.0	86.5	164.3	42.7	11.1	8.8	9.1	10.3
	CONF.LIMIT	0.706	0.773	0.681	0.765	1.167	1.200	1.822	1.609
	OBS./EXP.	0.646	0.647	0.596	0.585	0.718	0.683	1.207	1.066
	CONF.LIMIT	0.590	0.539	0.521	0.441	0.418	0.360	0.771	0.681
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3402	0.5000	0.3579	0.4811	0.4337	0.0173	0.0471
1965-69	OBS.	77	17	35	7	4	3	5	6
	EXP.	111.7	29.3	54.9	14.3	3.7	3.0	3.1	3.5
	CONF.LIMIT	0.802	0.807	0.800	0.826	2.153	2.265	3.011	2.995
	OBS./EXP.	0.690	0.581	0.638	0.491	1.076	1.017	1.622	1.705
	CONF.LIMIT	0.591	0.409	0.504	0.274	0.471	0.375	0.791	0.898
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4373	0.3425	0.2330	0.5000	0.3065	0.0597	0.0580
1970-72	OBS.	54	13	27	8	2	0	2	2
	EXP.	106.2	27.8	52.3	13.5	3.5	2.8	2.9	3.4
	CONF.LIMIT	0.609	0.682	0.669	0.961	1.512	0.817	1.814	1.579
	OBS./EXP.	0.508	0.468	0.517	0.591	0.568	0.000	0.682	0.594
	CONF.LIMIT	0.422	0.311	0.394	0.345	0.152	0.000	0.182	0.158
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4558	0.4330	0.5000	0.4264	0.2424	0.4605	0.4414

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 19 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1604	369	807	221	77	45	44	41
	EXP.	2413.0	578.5	1220.9	339.4	91.8	69.2	57.3	55.9
	CONF.LIMIT	0.687	0.683	0.692	0.711	0.975	0.793	0.939	0.904
	OBS./EXP.	0.665	0.638	0.661	0.651	0.838	0.650	0.768	0.734
	CONF.LIMIT	0.644	0.596	0.631	0.596	0.719	0.530	0.624	0.591
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2969	0.4395	0.0255	0.2652	0.4972	0.1811	0.3024
1965-69	OBS.	493	121	253	58	22	12	14	13
	EXP.	757.6	186.5	380.4	105.3	28.3	21.6	17.8	17.7
	CONF.LIMIT	0.690	0.731	0.722	0.656	1.036	0.822	1.130	1.074
	OBS./EXP.	0.651	0.649	0.665	0.551	0.777	0.555	0.786	0.736
	CONF.LIMIT	0.613	0.574	0.612	0.460	0.574	0.362	0.532	0.490
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4354	0.1123	0.2690	0.2278	0.3308	0.3063	0.5000
1970-72	OBS.	376	94	184	53	16	10	11	8
	EXP.	623.7	153.0	314.1	87.5	23.1	17.6	14.0	14.4
	CONF.LIMIT	0.645	0.704	0.645	0.727	0.973	0.876	1.190	0.901
	OBS./EXP.	0.603	0.614	0.586	0.606	0.693	0.568	0.788	0.554
	CONF.LIMIT	0.563	0.535	0.531	0.502	0.483	0.354	0.504	0.323
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3754	0.4406	0.2918	0.3495	0.5000	0.2014	0.3204

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

TABLE 19 -6

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3288	725	1773	471	122	83	48	66
	EXP.	4004.9	889.9	2143.7	589.4	158.5	86.2	65.9	71.4
	CONF.LIMIT	0.840	0.855	0.853	0.848	0.867	1.113	0.883	1.087
	OBS./EXP.	0.821	0.815	0.827	0.799	0.770	0.963	0.729	0.924
	CONF.LIMIT	0.803	0.776	0.802	0.752	0.682	0.830	0.598	0.781
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3755	0.2630	0.2395	0.1940	0.0940	0.2194	0.3371
1965-69	OBS.	776	171	407	124	36	14	13	11
	EXP.	959.2	227.9	502.6	138.8	35.9	20.1	16.0	17.9
	CONF.LIMIT	0.848	0.829	0.864	1.006	1.252	1.001	1.186	0.929
	OBS./EXP.	0.809	0.750	0.810	0.894	1.002	0.696	0.813	0.616
	CONF.LIMIT	0.772	0.678	0.759	0.792	0.795	0.471	0.541	0.393
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2149	0.1793	0.1229	0.1002	0.3472	0.5000	0.3905
1970-72	OBS.	373	81	209	52	13	8	5	5
	EXP.	496.5	120.4	259.1	70.2	19.0	10.3	8.0	9.6
	CONF.LIMIT	0.804	0.779	0.883	0.891	0.997	1.265	1.164	0.967
	OBS./EXP.	0.751	0.673	0.807	0.741	0.684	0.779	0.627	0.521
	CONF.LIMIT	0.702	0.579	0.736	0.613	0.455	0.454	0.306	0.254
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0937	0.3224	0.3414	0.2619	0.5000	0.3846	0.3974

TABLE 19 -7 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2616	566	1364	353	98	80	71	84
	EXP.	3408.6	794.1	1741.3	466.2	132.1	94.0	79.3	101.5
	CONF.LIMIT	0.787	0.753	0.811	0.811	0.847	0.987	1.048	0.956
	OBS./EXP.	0.767	0.713	0.783	0.757	0.742	0.851	0.896	0.828
	CONF.LIMIT	0.748	0.675	0.756	0.706	0.647	0.732	0.763	0.714
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0314	0.2967	0.3241	0.2490	0.2483	0.1449	0.1126
1965-69	OBS.	688	148	364	85	31	18	20	22
	EXP.	920.7	229.9	456.7	122.6	34.4	26.0	21.9	29.2
	CONF.LIMIT	0.785	0.717	0.853	0.800	1.147	0.951	1.236	1.003
	OBS./EXP.	0.747	0.644	0.797	0.693	0.902	0.692	0.914	0.753
	CONF.LIMIT	0.711	0.577	0.744	0.599	0.702	0.493	0.664	0.556
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0161	0.1381	0.2774	0.2584	0.3296	0.3042	0.5000
1970-72	OBS.	391	98	195	55	12	8	13	10
	EXP.	599.7	154.9	293.3	78.0	21.5	16.8	14.5	20.7
	CONF.LIMIT	0.696	0.723	0.730	0.844	0.828	0.773	1.306	0.743
	OBS./EXP.	0.652	0.633	0.665	0.705	0.558	0.476	0.896	0.482
	CONF.LIMIT	0.610	0.552	0.605	0.587	0.365	0.277	0.596	0.300
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3695	0.3727	0.3407	0.4869	0.2323	0.1763	0.5000

TABLE 19 -8 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2554	599	1345	373	111	54	35	37
	EXP.	3411.1	778.1	1821.7	513.0	131.5	72.4	55.3	39.0
	CONF.LIMIT	0.768	0.812	0.765	0.778	0.956	0.894	0.793	1.180
	OBS./EXP.	0.749	0.770	0.738	0.727	0.844	0.746	0.632	0.948
	CONF.LIMIT	0.730	0.730	0.713	0.679	0.743	0.619	0.500	0.754
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2034	0.4105	0.0940	0.3830	0.4892	0.2115	0.3227
1965-69	OBS.	677	166	339	106	32	11	13	10
	EXP.	931.5	219.9	492.9	138.3	34.3	19.4	15.8	10.8
	CONF.LIMIT	0.764	0.836	0.738	0.871	1.181	0.854	1.198	1.427
	OBS./EXP.	0.727	0.755	0.688	0.766	0.932	0.566	0.821	0.926
	CONF.LIMIT	0.691	0.681	0.640	0.673	0.728	0.361	0.547	0.577
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1731	0.1769	0.0576	0.0740	0.3241	0.3004	0.5000
1970-72	OBS.	434	95	239	60	19	10	6	5
	EXP.	652.1	152.7	344.7	96.1	24.9	14.7	11.2	7.7
	CONF.LIMIT	0.708	0.712	0.754	0.741	1.039	1.049	0.941	1.200
	OBS./EXP.	0.666	0.622	0.693	0.625	0.762	0.681	0.536	0.646
	CONF.LIMIT	0.625	0.542	0.636	0.524	0.549	0.424	0.282	0.315
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2039	0.2608	0.3786	0.3486	0.5000	0.3503	0.3870

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 19 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4033	921	2202	533	153	91	62	71
	EXP.	5559.9	1279.0	3017.5	779.2	200.3	111.8	86.5	85.5
	CONF.LIMIT	0.740	0.751	0.750	0.724	0.849	0.935	0.848	0.971
	OBS./EXP.	0.725	0.720	0.730	0.684	0.764	0.814	0.717	0.830
	CONF.LIMIT	0.711	0.690	0.710	0.646	0.686	0.707	0.603	0.707
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3754	0.0950	0.3038	0.1801	0.1625	0.4787	0.2615
1965-69	OBS.	1044	238	568	143	40	20	19	16
	EXP.	1514.4	370.5	803.5	208.9	52.5	30.6	23.8	24.6
	CONF.LIMIT	0.718	0.699	0.746	0.764	0.940	0.883	1.090	0.915
	OBS./EXP.	0.689	0.642	0.707	0.685	0.761	0.653	0.799	0.652
	CONF.LIMIT	0.662	0.590	0.669	0.612	0.612	0.474	0.575	0.454
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1152	0.3868	0.3467	0.4738	0.4191	0.3290	0.4892
1970-72	OBS.	643	150	362	75	21	17	11	7
	EXP.	1019.5	251.8	537.9	141.0	35.3	20.3	15.8	17.4
	CONF.LIMIT	0.664	0.663	0.721	0.619	0.798	1.165	1.053	0.677
	OBS./EXP.	0.631	0.596	0.673	0.532	0.595	0.839	0.698	0.402
	CONF.LIMIT	0.599	0.534	0.628	0.455	0.436	0.591	0.446	0.224
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1143	0.0367	0.3395	0.0369	0.2132	0.4959	0.2547

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA, MALE, ALL AGES

TABLE 19-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1969	432	1080	248	67	59	37	46
	EXP.	2727.8	624.2	1464.7	366.7	99.2	63.9	48.8	60.4
	CONF.LIMIT	0.743	0.737	0.767	0.735	0.794	1.097	0.945	0.927
	OBS./EXP.	0.722	0.692	0.737	0.676	0.676	0.923	0.759	0.762
	CONF.LIMIT	0.701	0.650	0.709	0.622	0.572	0.773	0.604	0.622
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1398	0.1174	0.2688	0.0938	0.0513	0.4547	0.0938
1965-69	OBS.	504	112	283	59	17	14	9	10
	EXP.	737.2	183.2	383.1	96.9	26.3	17.4	12.9	17.4
	CONF.LIMIT	0.724	0.692	0.798	0.724	0.899	1.156	1.098	0.885
	OBS./EXP.	0.684	0.611	0.739	0.609	0.648	0.804	0.695	0.574
	CONF.LIMIT	0.645	0.539	0.683	0.510	0.456	0.544	0.420	0.358
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0506	0.1022	0.3535	0.0935	0.4172	0.5000	0.4855
1970-72	OBS.	286	74	153	34	7	7	7	4
	EXP.	478.6	122.3	246.1	62.5	16.3	10.5	8.3	12.5
	CONF.LIMIT	0.645	0.706	0.691	0.684	0.722	1.125	1.417	0.640
	OBS./EXP.	0.598	0.605	0.622	0.544	0.429	0.668	0.842	0.320
	CONF.LIMIT	0.553	0.517	0.558	0.428	0.239	0.373	0.469	0.140
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4551	0.2746	0.2260	0.1791	0.4803	0.2626	0.2935

TABLE 19-11 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2064	489	1122	285	86	32	25	25
	EXP.	2832.0	654.9	1552.9	412.4	101.2	47.9	37.7	25.1
	CONF.LIMIT	0.750	0.792	0.751	0.746	0.980	0.847	0.867	1.303
	OBS./EXP.	0.729	0.747	0.723	0.691	0.850	0.669	0.663	0.995
	CONF.LIMIT	0.708	0.704	0.695	0.639	0.735	0.522	0.500	0.750
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2795	0.2632	0.0792	0.5000	0.3746	0.3822	0.3031
1965-69	OBS.	540	126	285	84	23	6	10	6
	EXP.	777.2	187.3	420.4	112.0	26.3	13.2	10.8	7.1
	CONF.LIMIT	0.735	0.756	0.732	0.866	1.159	0.798	1.424	1.474
	OBS./EXP.	0.695	0.673	0.678	0.750	0.875	0.454	0.924	0.840
	CONF.LIMIT	0.657	0.597	0.627	0.647	0.651	0.239	0.576	0.442
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4949	0.2235	0.1366	0.1320	0.2261	0.2004	0.5000
1970-72	OBS.	357	76	209	41	14	10	4	3
	EXP.	540.9	129.5	291.8	78.5	19.0	9.8	7.5	4.9
	CONF.LIMIT	0.707	0.683	0.784	0.643	1.060	1.574	1.072	1.367
	OBS./EXP.	0.660	0.587	0.716	0.522	0.737	1.021	0.536	0.614
	CONF.LIMIT	0.616	0.502	0.654	0.421	0.499	0.636	0.235	0.226
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0781	0.0389	0.4987	0.0672	0.1659	0.3874	0.3631

TABLE 19-12 DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1137	244	507	193	56	43	44	50
	EXP.	1259.8	293.1	545.5	200.0	63.3	54.6	48.1	55.0
	CONF.LIMIT	0.938	0.905	0.985	1.060	1.056	0.965	1.118	1.096
	OBS./EXP.	0.903	0.832	0.929	0.965	0.884	0.788	0.914	0.909
	CONF.LIMIT	0.868	0.765	0.877	0.877	0.737	0.638	0.743	0.748
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0846	0.3425	0.3951	0.4260	0.1714	0.4980	0.2321
1965-69	OBS.	321	76	135	48	23	9	14	16
	EXP.	337.8	79.2	146.1	52.0	16.2	14.9	13.9	15.5
	CONF.LIMIT	1.022	1.117	1.034	1.118	1.883	0.957	1.444	1.451
	OBS./EXP.	0.950	0.959	0.924	0.923	1.422	0.606	1.004	1.034
	CONF.LIMIT	0.883	0.821	0.824	0.757	1.058	0.366	0.680	0.720
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4215	0.5000	0.0337	0.2265	0.1465	0.4238	0.3035
1970-72	OBS.	182	43	72	40	10	1	8	8
	EXP.	232.3	55.8	100.1	33.0	11.1	11.2	9.9	11.1
	CONF.LIMIT	0.863	0.944	0.841	1.496	1.387	0.344	1.308	1.173
	OBS./EXP.	0.784	0.771	0.719	1.212	0.900	0.089	0.805	0.722
	CONF.LIMIT	0.710	0.624	0.613	0.974	0.561	0.009	0.469	0.421
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3939	0.0049	0.2978	0.0081	0.0129	0.4366	0.0920

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
NAGASAKI, MALE, ALL AGES

TABLE 19-13

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	647	134	284	105	31	21	34	38
	EXP.	680.7	169.9	276.6	99.5	33.0	30.1	30.5	41.1
	CONF.LIMIT	1.000	0.883	1.109	1.200	1.196	0.937	1.402	1.148
	OBS./EXP.	0.950	0.789	1.027	1.055	0.940	0.698	1.115	0.924
	CONF.LIMIT	0.903	0.703	0.949	0.926	0.732	0.512	0.878	0.738
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0068	0.4237	0.3638	0.5000	0.0556	0.3500	0.2271
1965-69	OBS.	184	36	81	26	14	4	11	12
	EXP.	183.6	46.7	73.7	25.8	8.1	8.6	8.9	11.8
	CONF.LIMIT	1.104	0.964	1.273	1.314	2.478	0.929	1.859	1.504
	OBS./EXP.	1.002	0.771	1.100	1.010	1.723	0.465	1.232	1.015
	CONF.LIMIT	0.909	0.612	0.946	0.766	1.166	0.203	0.787	0.663
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0468	0.4011	0.0750	0.3886	0.0655	0.4094	0.2295
1970-72	OBS.	105	24	42	21	5	1	6	6
	EXP.	121.1	32.6	47.1	15.4	5.2	6.3	6.2	8.2
	CONF.LIMIT	0.986	0.970	1.094	1.828	1.790	0.610	1.699	1.280
	OBS./EXP.	0.867	0.737	0.891	1.362	0.965	0.158	0.967	0.729
	CONF.LIMIT	0.760	0.552	0.720	0.998	0.471	0.015	0.509	0.384
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2704	0.0697	0.5000	0.0990	0.0298	0.4912	0.1716

DEATHS FROM VASCULAR LESIONS OF CENTRAL NERVOUS SYSTEM
NAGASAKI, FEMALE, ALL AGES

TABLE 19-14

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	490	110	223	88	25	22	10	12
	EXP.	579.0	123.2	268.8	100.5	30.4	24.5	17.6	13.9
	CONF.LIMIT	0.897	1.012	0.905	1.007	1.078	1.196	0.874	1.277
	OBS./EXP.	0.846	0.893	0.829	0.875	0.823	0.897	0.567	0.862
	CONF.LIMIT	0.798	0.785	0.759	0.758	0.621	0.663	0.353	0.563
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2814	0.3544	0.5000	0.3841	0.3940	0.1572	0.3618
1965-69	OBS.	137	40	54	22	9	5	3	4
	EXP.	154.2	32.5	72.5	26.3	8.1	6.2	5.0	3.7
	CONF.LIMIT	0.994	1.518	0.893	1.117	1.765	1.486	1.335	2.190
	OBS./EXP.	0.888	1.229	0.745	0.838	1.118	0.801	0.599	1.095
	CONF.LIMIT	0.793	0.988	0.619	0.619	0.676	0.391	0.221	0.479
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0100	0.3621	0.1636	0.2257	0.5000	0.4925	0.5000
1970-72	OBS.	77	19	30	19	5	0	2	2
	EXP.	111.2	23.2	53.0	17.6	5.9	4.9	3.7	2.8
	CONF.LIMIT	0.805	1.116	0.724	1.473	1.566	0.469	1.424	1.870
	OBS./EXP.	0.693	0.818	0.567	1.080	0.844	0.000	0.535	0.703
	CONF.LIMIT	0.594	0.589	0.439	0.778	0.412	0.000	0.143	0.188
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1301	0.0177	0.2738	0.0201	0.0702	0.5000	0.1542

TABLE 20 -1 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3236	670	1722	475	155	79	71	64
	EXP.	3803.1	878.4	1989.7	545.6	146.0	91.1	73.9	78.4
	CONF.LIMIT	0.870	0.802	0.893	0.924	1.180	1.006	1.123	0.964
	OBS./EXP.	0.851	0.763	0.865	0.871	1.062	0.867	0.960	0.817
	CONF.LIMIT	0.832	0.725	0.839	0.820	0.954	0.744	0.817	0.689
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0030	0.4623	0.0080	0.1396	0.5000	0.2079	0.2946
1965-69	OBS.	911	199	475	140	38	25	20	14
	EXP.	1035.0	251.2	532.3	146.4	38.2	24.8	20.3	21.8
	CONF.LIMIT	0.919	0.869	0.947	1.068	1.235	1.321	1.331	0.925
	OBS./EXP.	0.880	0.792	0.892	0.956	0.995	1.009	0.984	0.644
	CONF.LIMIT	0.843	0.721	0.840	0.854	0.794	0.761	0.715	0.436
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0859	0.2492	0.2807	0.2001	0.3000	0.3650	0.2555
1970-72	OBS.	626	141	330	94	29	9	12	11
	EXP.	711.7	174.7	364.3	99.1	26.4	17.4	14.1	15.7
	CONF.LIMIT	0.926	0.901	0.973	1.087	1.411	0.815	1.258	1.055
	OBS./EXP.	0.880	0.807	0.906	0.949	1.100	0.516	0.849	0.699
	CONF.LIMIT	0.835	0.721	0.843	0.826	0.848	0.312	0.554	0.447
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1374	0.3635	0.1763	0.2400	0.0644	0.4857	0.1050

TABLE 20 -2 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 0-9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	40	9	22	5	3	1	0	0
	EXP.	42.4	10.1	22.4	6.2	1.4	0.9	0.8	0.6
	CONF.LIMIT	1.164	1.410	1.311	1.492	4.662	4.358	2.846	3.555
	OBS./EXP.	0.943	0.893	0.984	0.804	2.092	1.126	0.000	0.000
	CONF.LIMIT	0.757	0.540	0.726	0.392	0.772	0.111	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4897	0.4482	0.1887	0.5000	0.5000	0.4579	0.5000
1965-69	OBS.	8	3	3	2	0	0	0	0
	EXP.	9.5	2.3	5.0	1.4	0.3	0.2	0.2	0.1
	CONF.LIMIT	1.368	2.881	1.346	3.842	7.248	11.749	12.939	16.101
	OBS./EXP.	0.842	1.293	0.604	1.444	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.491	0.477	0.223	0.385	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2907	0.3003	0.5000	0.3785	0.5000	0.5000	0.5000
1970-72	OBS.	8	3	4	0	1	0	0	0
	EXP.	7.4	1.8	3.9	1.1	0.2	0.2	0.1	0.1
	CONF.LIMIT	1.756	3.700	2.067	2.128	15.645	15.163	16.852	20.683
	OBS./EXP.	1.080	1.661	1.034	0.000	4.041	0.000	0.000	0.000
	CONF.LIMIT	0.630	0.613	0.453	0.000	0.397	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3946	0.3734	0.2665	0.5000	0.5000	0.5000	0.5000

DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

TABLE 20 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	86	17	45	15	4	2	1	2
	EXP.	96.0	23.3	47.6	10.6	3.2	3.3	3.4	4.7
	CONF.LIMIT	1.033	1.014	1.154	2.018	2.535	1.622	1.136	1.125
	OBS./EXP.	0.896	0.730	0.946	1.421	1.268	0.610	0.293	0.423
	CONF.LIMIT	0.775	0.514	0.771	0.976	0.555	0.163	0.029	0.113
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2225	0.1072	0.3640	0.1002	0.4080	0.1779	0.1569
1965-69	OBS.	17	3	7	4	0	2	0	1
	EXP.	22.5	5.7	11.1	2.4	0.7	0.8	0.8	1.1
	CONF.LIMIT	1.047	1.168	1.065	3.320	3.159	6.981	2.867	3.632
	OBS./EXP.	0.754	0.524	0.633	1.660	0.000	2.624	0.000	0.938
	CONF.LIMIT	0.531	0.194	0.353	0.727	0.000	0.700	0.000	0.092
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.1176	0.5000	0.2105	0.1106	0.5000	0.3090
1970-72	OBS.	14	4	8	1	1	0	0	0
	EXP.	18.4	4.7	9.0	2.0	0.6	0.6	0.7	0.9
	CONF.LIMIT	1.095	1.718	1.441	1.971	6.539	3.687	3.530	2.624
	OBS./EXP.	0.762	0.859	0.887	0.509	1.689	0.000	0.000	0.000
	CONF.LIMIT	0.515	0.376	0.517	0.050	0.166	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.4357	0.5000	0.5000	0.5000	0.3471

DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

TABLE 20 -4

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	184	41	96	20	12	5	3	7
	EXP.	236.4	60.0	117.3	30.6	8.3	6.3	6.5	7.5
	CONF.LIMIT	0.857	0.842	0.936	0.885	2.154	1.477	1.022	1.562
	OBS./EXP.	0.778	0.684	0.818	0.654	1.453	0.796	0.459	0.928
	CONF.LIMIT	0.706	0.551	0.713	0.475	0.949	0.388	0.169	0.517
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1935	0.2186	0.0389	0.5000	0.5000	0.2269	0.2976
1965-69	OBS.	59	16	33	4	1	2	1	2
	EXP.	64.6	16.9	31.7	8.3	2.2	1.7	1.8	2.1
	CONF.LIMIT	1.085	1.328	1.313	0.969	1.761	3.112	2.170	2.580
	OBS./EXP.	0.913	0.947	1.040	0.485	0.455	1.170	0.561	0.970
	CONF.LIMIT	0.764	0.659	0.816	0.212	0.045	0.312	0.055	0.259
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4424	0.1085	0.3439	0.0750	0.5000	0.4533	0.5000
1970-72	OBS.	38	11	19	5	0	1	1	1
	EXP.	56.6	14.8	27.8	7.2	1.9	1.5	1.6	1.8
	CONF.LIMIT	0.834	1.122	0.931	1.287	1.207	2.583	2.483	2.141
	OBS./EXP.	0.671	0.744	0.682	0.693	0.000	0.667	0.641	0.553
	CONF.LIMIT	0.536	0.475	0.491	0.338	0.000	0.066	0.063	0.054
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4785	0.5000	0.2843	0.4371	0.5000	0.5000	0.5000

TABLE 20 -5 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	959	228	484	133	47	17	30	20
	EXP.	1134.2	269.9	575.3	160.3	43.3	32.4	26.9	26.0
	CONF.LIMIT	0.882	0.921	0.892	0.930	1.318	0.728	1.424	1.040
	OBS./EXP.	0.845	0.845	0.841	0.830	1.085	0.524	1.115	0.769
	CONF.LIMIT	0.811	0.774	0.793	0.739	0.888	0.369	0.863	0.559
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4933	0.4662	0.0537	0.2981	0.0354	0.0770	0.3816
1965-69	OBS.	302	80	151	34	17	4	8	8
	EXP.	353.3	86.9	177.5	49.2	13.2	10.0	8.3	8.1
	CONF.LIMIT	0.921	1.067	0.946	0.868	1.785	0.796	1.569	1.601
	OBS./EXP.	0.855	0.921	0.851	0.690	1.286	0.398	0.966	0.985
	CONF.LIMIT	0.792	0.792	0.763	0.544	0.906	0.174	0.563	0.574
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3046	0.1597	0.0646	0.4361	0.0961	0.4146	0.2402
1970-72	OBS.	267	60	135	40	17	4	8	3
	EXP.	298.8	73.2	150.7	42.1	11.1	8.4	6.7	6.8
	CONF.LIMIT	0.968	0.973	1.003	1.174	2.131	0.953	1.955	0.983
	OBS./EXP.	0.894	0.820	0.896	0.951	1.534	0.477	1.203	0.441
	CONF.LIMIT	0.824	0.688	0.799	0.764	1.081	0.209	0.701	0.163
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3134	0.3996	0.0227	0.1425	0.1541	0.2522	0.4193

TABLE 20 -6 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1967	375	1075	302	89	54	37	35
	EXP.	2294.0	515.2	1227.1	337.9	89.8	48.3	36.3	39.4
	CONF.LIMIT	0.883	0.778	0.911	0.963	1.140	1.341	1.271	1.113
	OBS./EXP.	0.857	0.728	0.876	0.894	0.991	1.119	1.020	0.887
	CONF.LIMIT	0.833	0.680	0.842	0.829	0.859	0.929	0.812	0.702
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0011	0.3890	0.1410	0.2429	0.0440	0.1978	0.0322
1965-69	OBS.	525	97	281	96	20	17	11	3
	EXP.	585.1	139.4	307.0	85.2	21.7	12.1	9.3	10.4
	CONF.LIMIT	0.950	0.795	0.989	1.290	1.244	1.959	1.789	0.645
	OBS./EXP.	0.897	0.696	0.915	1.127	0.920	1.410	1.185	0.289
	CONF.LIMIT	0.848	0.607	0.846	0.983	0.668	0.994	0.757	0.107
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0115	0.0430	0.5000	0.0670	0.0506	0.2342	0.0403
1970-72	OBS.	299	63	164	48	10	4	3	7
	EXP.	330.5	80.3	172.9	46.7	12.5	6.8	5.1	6.1
	CONF.LIMIT	0.975	0.928	1.051	1.244	1.229	1.180	1.300	1.918
	OBS./EXP.	0.905	0.785	0.948	1.027	0.798	0.590	0.583	1.140
	CONF.LIMIT	0.838	0.661	0.855	0.842	0.497	0.258	0.215	0.635
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1154	0.3380	0.3677	0.4443	0.2479	0.2867	0.1462

DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, MALE, ALL AGES

TABLE 20 -7

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1579	321	861	210	67	36	38	46
	EXP.	1815.6	419.9	931.7	250.1	70.6	49.2	41.5	52.6
	CONF.LIMIT	0.898	0.822	0.966	0.919	1.116	0.914	1.137	1.064
	OBS./EXP.	0.870	0.764	0.924	0.840	0.949	0.731	0.915	0.875
	CONF.LIMIT	0.842	0.710	0.884	0.766	0.804	0.580	0.731	0.714
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0021	0.1146	0.4348	0.1736	0.1003	0.5000	0.1686
1965-69	OBS.	444	96	234	62	20	10	11	11
	EXP.	489.3	121.0	243.8	66.0	18.5	13.7	11.3	14.9
	CONF.LIMIT	0.965	0.907	1.045	1.112	1.459	1.125	1.471	1.113
	OBS./EXP.	0.907	0.793	0.960	0.940	1.079	0.730	0.975	0.738
	CONF.LIMIT	0.853	0.691	0.880	0.790	0.784	0.455	0.623	0.471
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0654	0.4742	0.3394	0.4885	0.2533	0.5000	0.3283
1970-72	OBS.	275	63	151	31	10	4	6	10
	EXP.	328.0	84.5	160.9	42.9	11.8	9.0	7.8	11.1
	CONF.LIMIT	0.907	0.881	1.044	0.919	1.302	0.891	1.351	1.393
	OBS./EXP.	0.838	0.746	0.938	0.723	0.845	0.445	0.769	0.904
	CONF.LIMIT	0.774	0.628	0.842	0.562	0.526	0.195	0.405	0.563
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0724	0.1111	0.4516	0.1177	0.1017	0.4084	0.1091

DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

TABLE 20 -8

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1657	349	861	265	88	43	33	18
	EXP.	1987.5	458.5	1058.0	295.4	75.4	41.9	32.4	25.8
	CONF.LIMIT	0.861	0.816	0.851	0.972	1.344	1.257	1.284	0.961
	OBS./EXP.	0.834	0.761	0.814	0.897	1.167	1.026	1.017	0.699
	CONF.LIMIT	0.808	0.709	0.778	0.827	1.011	0.831	0.798	0.498
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1542	0.0874	0.0007	0.0070	0.0771	0.1163	0.0313
1965-69	OBS.	467	103	241	78	18	15	9	3
	EXP.	545.8	130.2	288.5	80.4	19.7	11.1	9.0	6.8
	CONF.LIMIT	0.909	0.901	0.909	1.126	1.259	1.923	1.571	0.977
	OBS./EXP.	0.856	0.791	0.835	0.970	0.915	1.354	0.995	0.439
	CONF.LIMIT	0.805	0.693	0.767	0.832	0.652	0.930	0.601	0.162
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3457	0.1380	0.3883	0.1376	0.0429	0.3486	0.0566
1970-72	OBS.	351	78	179	63	19	5	6	1
	EXP.	383.7	90.2	203.4	56.2	14.5	8.5	6.3	4.7
	CONF.LIMIT	0.980	1.004	0.971	1.326	1.784	1.096	1.662	0.829
	OBS./EXP.	0.915	0.865	0.880	1.122	1.308	0.591	0.947	0.214
	CONF.LIMIT	0.853	0.742	0.797	0.945	0.942	0.288	0.498	0.021
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4793	0.0551	0.0603	0.0218	0.2613	0.4888	0.3595

TABLE 20 -9 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2545	536	1434	350	110	46	42	27
	EXP.	3099.5	714.6	1686.1	433.0	110.4	60.5	47.4	47.5
	CONF.LIMIT	0.842	0.793	0.880	0.866	1.129	0.925	1.089	0.736
	OBS./EXP.	0.821	0.750	0.850	0.808	0.996	0.760	0.886	0.569
	CONF.LIMIT	0.800	0.709	0.822	0.753	0.877	0.621	0.716	0.434
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0070	0.2065	0.0589	0.4774	0.2566	0.4167	0.3787
1965-69	OBS.	727	162	394	110	30	12	15	4
	EXP.	849.1	207.7	452.0	117.0	29.3	16.7	12.9	13.4
	CONF.LIMIT	0.898	0.864	0.931	1.066	1.308	1.066	1.652	0.598
	OBS./EXP.	0.856	0.780	0.872	0.940	1.024	0.719	1.164	0.299
	CONF.LIMIT	0.816	0.702	0.816	0.827	0.793	0.469	0.799	0.131
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1267	0.2562	0.2172	0.1824	0.3148	0.1588	0.4363
1970-72	OBS.	501	116	277	70	23	5	5	5
	EXP.	581.1	143.3	308.1	80.2	20.0	11.0	8.8	9.6
	CONF.LIMIT	0.914	0.915	0.972	1.022	1.519	0.841	1.057	0.967
	OBS./EXP.	0.862	0.810	0.899	0.873	1.147	0.453	0.570	0.521
	CONF.LIMIT	0.813	0.715	0.830	0.742	0.853	0.221	0.278	0.254
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1880	0.4429	0.1490	0.4168	0.0911	0.2172	0.0487

TABLE 20-10 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1249	252	719	159	51	24	24	20
	EXP.	1455.1	330.2	785.3	196.3	53.0	33.2	25.8	31.2
	CONF.LIMIT	0.890	0.829	0.961	0.899	1.160	0.950	1.222	0.866
	OBS./EXP.	0.858	0.763	0.916	0.810	0.963	0.722	0.929	0.640
	CONF.LIMIT	0.827	0.702	0.872	0.729	0.795	0.541	0.696	0.465
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0071	0.0886	0.3832	0.1548	0.1526	0.5000	0.2386
1965-69	OBS.	350	73	193	47	19	6	8	4
	EXP.	393.2	96.7	205.4	52.0	14.2	9.2	6.8	8.9
	CONF.LIMIT	0.954	0.882	1.033	1.098	1.818	1.142	1.917	0.901
	OBS./EXP.	0.890	0.755	0.940	0.904	1.333	0.650	1.180	0.450
	CONF.LIMIT	0.830	0.644	0.854	0.740	0.960	0.342	0.688	0.197
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0642	0.4436	0.0864	0.3630	0.2530	0.3107	0.4652
1970-72	OBS.	214	50	122	24	8	3	2	5
	EXP.	262.6	66.8	135.6	34.4	9.0	5.5	4.6	6.7
	CONF.LIMIT	0.891	0.904	1.013	0.919	1.437	1.215	1.162	1.393
	OBS./EXP.	0.815	0.749	0.900	0.698	0.884	0.545	0.437	0.751
	CONF.LIMIT	0.744	0.617	0.797	0.523	0.515	0.201	0.117	0.366
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1577	0.1550	0.5000	0.1851	0.2776	0.2262	0.1359

DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
HIROSHIMA, FEMALE, ALL AGES

TABLE 20-11

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1296	284	715	191	59	22	18	7
	EXP.	1644.4	384.4	900.8	236.7	57.5	27.3	21.5	16.3
	CONF.LIMIT	0.817	0.798	0.833	0.887	1.220	1.076	1.150	0.725
	OBS./EXP.	0.788	0.739	0.794	0.807	1.027	0.807	0.836	0.431
	CONF.LIMIT	0.760	0.683	0.756	0.733	0.860	0.596	0.596	0.240
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1629	0.4328	0.0319	0.1842	0.4985	0.4470	0.4435
1965-69	OBS.	377	89	201	63	11	6	7	0
	EXP.	455.9	111.1	246.7	65.0	15.0	7.5	6.1	4.5
	CONF.LIMIT	0.884	0.921	0.894	1.145	1.104	1.412	1.928	0.512
	OBS./EXP.	0.827	0.801	0.815	0.969	0.732	0.804	1.146	0.000
	CONF.LIMIT	0.773	0.694	0.742	0.816	0.467	0.423	0.639	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4754	0.1278	0.4374	0.1930	0.5000	0.2399	0.3235
1970-72	OBS.	287	66	155	46	15	2	3	0
	EXP.	318.5	76.5	172.5	45.8	11.0	5.5	4.2	2.9
	CONF.LIMIT	0.973	1.016	0.998	1.221	1.936	0.962	1.591	0.784
	OBS./EXP.	0.901	0.863	0.899	1.004	1.363	0.362	0.714	0.000
	CONF.LIMIT	0.834	0.730	0.807	0.819	0.937	0.097	0.264	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4236	0.2782	0.0751	0.1334	0.1314	0.4806	0.1544

DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 20-12

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	691	134	288	125	45	33	29	37
	EXP.	703.5	163.8	303.5	112.5	35.6	30.7	26.6	30.9
	CONF.LIMIT	1.032	0.916	1.025	1.249	1.543	1.359	1.400	1.492
	OBS./EXP.	0.982	0.818	0.949	1.111	1.265	1.076	1.092	1.198
	CONF.LIMIT	0.935	0.729	0.878	0.986	1.030	0.844	0.841	0.953
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0864	0.0769	0.0414	0.0269	0.2688	0.2594	0.1863
1965-69	OBS.	184	37	81	30	8	13	5	10
	EXP.	186.0	43.5	80.3	29.4	8.9	8.1	7.4	8.4
	CONF.LIMIT	1.089	1.060	1.169	1.303	1.457	2.346	1.247	1.838
	OBS./EXP.	0.989	0.851	1.009	1.020	0.897	1.608	0.672	1.193
	CONF.LIMIT	0.897	0.677	0.868	0.790	0.523	1.070	0.328	0.743
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2248	0.5000	0.4622	0.5000	0.0744	0.2607	0.3344
1970-72	OBS.	125	25	53	24	6	4	7	6
	EXP.	130.7	31.4	56.2	18.8	6.3	6.4	5.4	6.1
	CONF.LIMIT	1.076	1.041	1.132	1.676	1.669	1.247	2.196	1.716
	OBS./EXP.	0.956	0.795	0.943	1.274	0.950	0.624	1.305	0.977
	CONF.LIMIT	0.849	0.600	0.781	0.954	0.500	0.273	0.727	0.514
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2829	0.1323	0.5000	0.1776	0.2992	0.2663	0.5000

TABLE 20-13 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	330	69	142	51	16	12	14	26
	EXP.	360.5	89.7	146.3	53.8	17.6	16.0	15.7	21.4
	CONF.LIMIT	0.983	0.902	1.083	1.142	1.273	1.112	1.285	1.583
	OBS./EXP.	0.915	0.769	0.970	0.948	0.907	0.750	0.894	1.216
	CONF.LIMIT	0.851	0.653	0.868	0.782	0.632	0.490	0.605	0.923
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0658	0.4805	0.4627	0.4415	0.2465	0.4514	0.2546
1965-69	OBS.	94	23	41	15	1	4	3	7
	EXP.	96.1	24.4	38.4	14.0	4.3	4.5	4.5	6.0
	CONF.LIMIT	1.120	1.249	1.314	1.521	0.902	1.790	1.484	1.952
	OBS./EXP.	0.978	0.943	1.067	1.071	0.233	0.895	0.666	1.161
	CONF.LIMIT	0.851	0.702	0.860	0.736	0.023	0.392	0.246	0.647
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3690	0.5000	0.0667	0.3029	0.4901	0.3090	0.2929
1970-72	OBS.	61	13	29	7	2	1	4	5
	EXP.	65.4	17.7	25.3	8.5	2.8	3.5	3.2	4.4
	CONF.LIMIT	1.105	1.070	1.471	1.382	1.906	1.114	2.480	2.107
	OBS./EXP.	0.932	0.734	1.147	0.822	0.716	0.288	1.240	1.135
	CONF.LIMIT	0.783	0.488	0.884	0.458	0.191	0.028	0.543	0.554
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1181	0.2836	0.3926	0.2219	0.1075	0.5000	0.2601

TABLE 20-14 DEATHS FROM DISEASES OF CIRCULATORY SYSTEM
NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	361	65	146	74	29	21	15	11
	EXP.	343.0	74.1	157.2	58.7	17.9	14.7	10.9	9.5
	CONF.LIMIT	1.127	1.034	1.035	1.469	2.075	1.922	1.954	1.745
	OBS./EXP.	1.052	0.877	0.929	1.260	1.617	1.432	1.376	1.156
	CONF.LIMIT	0.982	0.741	0.832	1.076	1.247	1.049	0.945	0.738
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3808	0.0187	0.0038	0.0024	0.0385	0.0893	0.0150
1965-69	OBS.	90	14	40	15	7	9	2	3
	EXP.	89.9	19.1	41.8	15.4	4.6	3.6	2.9	2.4
	CONF.LIMIT	1.151	1.054	1.181	1.383	2.544	3.931	1.812	2.841
	OBS./EXP.	1.001	0.733	0.956	0.974	1.512	2.489	0.681	1.275
	CONF.LIMIT	0.869	0.496	0.768	0.669	0.843	1.504	0.182	0.471
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2433	0.5000	0.1834	0.3437	0.0142	0.4738	0.0643
1970-72	OBS.	64	12	24	17	4	3	3	1
	EXP.	65.3	13.7	30.9	10.3	3.5	2.9	2.1	1.7
	CONF.LIMIT	1.157	1.298	1.022	2.287	2.270	2.276	3.126	2.231
	OBS./EXP.	0.981	0.875	0.777	1.647	1.135	1.022	1.403	0.576
	CONF.LIMIT	0.827	0.572	0.582	1.160	0.497	0.377	0.518	0.057
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4278	0.0114	0.3208	0.0161	0.4193	0.2529	0.2417

DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 21 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	7633	1698	4093	1029	267	191	167	188
	EXP.	8523.7	1925.4	4522.4	1226.7	323.6	196.8	157.3	171.5
	CONF.LIMIT	0.909	0.910	0.923	0.873	0.894	1.067	1.175	1.206
	OBS./EXP.	0.896	0.882	0.905	0.839	0.825	0.971	1.061	1.096
	CONF.LIMIT	0.882	0.855	0.887	0.805	0.761	0.882	0.958	0.995
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1891	0.0154	0.0772	0.0067	0.1789	0.0232	0.0233
1965-69	OBS.	1644	406	847	216	60	49	39	27
	EXP.	1822.0	443.3	939.7	258.6	66.4	42.3	34.3	37.4
	CONF.LIMIT	0.932	0.977	0.942	0.913	1.072	1.402	1.407	0.935
	OBS./EXP.	0.902	0.916	0.901	0.835	0.903	1.160	1.136	0.722
	CONF.LIMIT	0.874	0.858	0.862	0.763	0.757	0.953	0.910	0.551
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4063	0.1703	0.5000	0.2063	0.0483	0.0878	0.0166
1970-72	OBS.	900	220	463	126	27	26	19	19
	EXP.	1226.8	301.0	631.2	170.5	45.2	29.2	23.4	26.3
	CONF.LIMIT	0.766	0.798	0.779	0.831	0.774	1.160	1.106	0.987
	OBS./EXP.	0.734	0.731	0.733	0.739	0.598	0.891	0.811	0.724
	CONF.LIMIT	0.702	0.668	0.690	0.656	0.456	0.676	0.584	0.521
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4873	0.1791	0.3799	0.1861	0.3649	0.1767

DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE AT8 0-9

TABLE 21 -2

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	152	34	78	25	6	4	1	4
	EXP.	188.0	43.2	100.2	27.9	6.4	3.9	3.6	2.8
	CONF.LIMIT	0.899	0.990	0.904	1.174	1.643	2.052	1.066	2.839
	OBS./EXP.	0.808	0.787	0.778	0.897	0.936	1.026	0.275	1.420
	CONF.LIMIT	0.726	0.620	0.668	0.676	0.493	0.449	0.027	0.622
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3015	0.3935	0.2696	0.3687	0.2321	0.4732
1965-69	OBS.	37	10	21	4	1	0	0	1
	EXP.	36.4	8.9	19.0	5.3	1.2	0.7	0.7	0.5
	CONF.LIMIT	1.266	1.734	1.482	1.511	3.176	3.077	3.384	7.101
	OBS./EXP.	1.017	1.125	1.104	0.756	0.820	0.000	0.000	1.834
	CONF.LIMIT	0.809	0.701	0.809	0.331	0.081	0.000	0.000	0.180
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3380	0.5000	0.3158	0.4450	0.4784	0.2188
1970-72	OBS.	20	3	12	4	0	1	0	0
	EXP.	25.3	6.2	13.2	3.7	0.8	0.5	0.5	0.4
	CONF.LIMIT	1.070	1.083	1.345	2.171	2.717	7.494	4.922	6.100
	OBS./EXP.	0.791	0.486	0.907	1.086	0.000	1.936	0.000	0.000
	CONF.LIMIT	0.575	0.179	0.592	0.475	0.000	0.190	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2469	0.4732	0.4749	0.5000	0.3924	0.5000	0.5000

TABLE 21 -3 DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 10-19

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	344	74	179	38	4	14	19	16
	EXP.	323.8	77.2	161.7	35.9	10.7	11.1	11.5	15.7
	CONF.LIMIT	1.139	1.118	1.221	1.313	0.748	1.818	2.250	1.428
	OBS./EXP.	1.062	0.959	1.107	1.058	0.374	1.264	1.650	1.018
	CONF.LIMIT	0.990	0.819	1.002	0.845	0.164	0.855	1.187	0.709
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1668	0.4408	0.0200	0.1339	0.3543	0.0590	0.0823
1965-69	OBS.	82	21	38	12	1	2	6	2
	EXP.	64.0	16.2	31.5	6.9	2.1	2.2	2.3	2.9
	CONF.LIMIT	1.482	1.740	1.497	2.579	1.873	2.470	4.647	1.814
	OBS./EXP.	1.281	1.296	1.206	1.740	0.484	0.928	2.646	0.682
	CONF.LIMIT	1.103	0.950	0.963	1.136	0.048	0.248	1.393	0.182
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4426	0.1662	0.2987	0.3305	0.5000	0.0723	0.1989
1970-72	OBS.	54	9	31	6	1	1	4	2
	EXP.	44.7	11.3	22.1	4.8	1.4	1.5	1.6	2.0
	CONF.LIMIT	1.446	1.255	1.787	2.195	2.689	2.576	5.084	2.613
	OBS./EXP.	1.207	0.795	1.404	1.250	0.694	0.665	2.543	0.982
	CONF.LIMIT	1.002	0.480	1.093	0.658	0.068	0.065	1.113	0.262
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0904	0.4993	0.4087	0.3795	0.3862	0.2016	0.4544

TABLE 21 -4 DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 20-34

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	524	110	287	62	16	16	14	19
	EXP.	519.7	129.6	258.3	66.8	18.3	14.1	14.9	17.6
	CONF.LIMIT	1.067	0.962	1.200	1.099	1.225	1.590	1.353	1.468
	OBS./EXP.	1.008	0.849	1.111	0.928	0.873	1.133	0.941	1.077
	CONF.LIMIT	0.952	0.747	1.028	0.781	0.608	0.789	0.637	0.775
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0095	0.1143	0.2137	0.0751	0.5000	0.3284	0.3993
1965-69	OBS.	120	31	66	13	4	4	0	2
	EXP.	113.6	29.8	55.6	14.3	3.9	3.1	3.2	3.8
	CONF.LIMIT	1.191	1.325	1.398	1.325	2.071	2.619	0.712	1.388
	OBS./EXP.	1.056	1.042	1.188	0.909	1.036	1.310	0.000	0.521
	CONF.LIMIT	0.935	0.810	1.005	0.605	0.453	0.574	0.000	0.139
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3135	0.2362	0.5000	0.2326	0.4982	0.0240	0.1632
1970-72	OBS.	84	27	38	10	1	3	3	2
	EXP.	89.0	23.3	43.6	11.2	3.0	2.4	2.5	3.0
	CONF.LIMIT	1.090	1.501	1.082	1.375	1.289	2.802	2.660	1.787
	OBS./EXP.	0.944	1.159	0.871	0.892	0.333	1.257	1.194	0.672
	CONF.LIMIT	0.814	0.884	0.696	0.556	0.033	0.464	0.441	0.179
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1532	0.5000	0.2744	0.4398	0.3582	0.3879	0.2819

DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 35-49

TABLE 21 -5

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1713	397	875	226	61	62	49	43
	EXP.	1840.2	428.8	938.6	261.1	70.9	53.1	44.5	43.3
	CONF.LIMIT	0.960	0.988	0.974	0.944	1.019	1.382	1.332	1.218
	OBS./EXP.	0.931	0.926	0.932	0.865	0.860	1.168	1.102	0.994
	CONF.LIMIT	0.902	0.867	0.892	0.793	0.722	0.982	0.905	0.805
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4689	0.1704	0.2996	0.1416	0.0478	0.1395	0.0262
1965-69	OBS.	486	125	240	60	18	21	17	5
	EXP.	480.4	118.3	241.2	66.9	18.0	13.7	11.3	11.2
	CONF.LIMIT	1.073	1.188	1.083	1.065	1.379	2.061	2.090	0.831
	OBS./EXP.	1.012	1.056	0.995	0.898	1.002	1.535	1.505	0.448
	CONF.LIMIT	0.953	0.937	0.914	0.753	0.714	1.125	1.061	0.219
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3119	0.2634	0.5000	0.2975	0.0341	0.0601	0.0088
1970-72	OBS.	307	72	150	43	12	14	6	10
	EXP.	404.4	98.9	204.0	57.0	15.0	11.3	9.0	9.2
	CONF.LIMIT	0.818	0.851	0.819	0.924	1.187	1.774	1.173	1.676
	OBS./EXP.	0.759	0.728	0.735	0.754	0.801	1.234	0.668	1.087
	CONF.LIMIT	0.704	0.620	0.660	0.611	0.523	0.835	0.352	0.677
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4696	0.4314	0.4305	0.0402	0.5000	0.1294

TABLE 21 -6 DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE + FEMALE, AGE ATB 50+

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4900	1083	2674	678	180	95	84	106
	EXP.	5651.9	1246.6	3063.6	835.0	217.2	114.6	82.8	92.1
	CONF.LIMIT	0.883	0.904	0.895	0.853	0.914	0.949	1.171	1.308
	OBS./EXP.	0.867	0.869	0.873	0.812	0.829	0.829	1.014	1.151
	CONF.LIMIT	0.851	0.835	0.851	0.772	0.751	0.722	0.875	1.010
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4560	0.0489	0.2657	0.0435	0.3353	0.0941	0.3203
1965-69	OBS.	919	219	482	127	36	22	16	17
	EXP.	1127.5	270.1	592.4	165.2	41.3	22.6	16.8	18.9
	CONF.LIMIT	0.851	0.886	0.863	0.864	1.089	1.296	1.333	1.248
	OBS./EXP.	0.815	0.811	0.814	0.769	0.871	0.972	0.950	0.898
	CONF.LIMIT	0.781	0.741	0.766	0.683	0.691	0.718	0.661	0.633
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3048	0.3697	0.3884	0.2304	0.3029	0.1745
1970-72	OBS.	435	109	232	63	13	7	6	5
	EXP.	663.4	161.3	348.4	93.8	24.9	13.4	9.9	11.7
	CONF.LIMIT	0.698	0.766	0.726	0.793	0.762	0.878	1.065	0.796
	OBS./EXP.	0.656	0.676	0.666	0.671	0.522	0.522	0.607	0.429
	CONF.LIMIT	0.616	0.594	0.611	0.565	0.348	0.291	0.319	0.209
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4708	0.5000	0.2451	0.4114	0.3398	0.5000	0.3256

TABLE 21 -7 DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, MALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3768	827	2020	477	132	108	89	115
	EXP.	3938.0	868.2	2063.9	554.7	153.2	102.9	86.5	108.5
	CONF.LIMIT	0.977	0.996	1.007	0.913	0.966	1.191	1.183	1.199
	OBS./EXP.	0.957	0.953	0.979	0.860	0.861	1.049	1.029	1.060
	CONF.LIMIT	0.937	0.910	0.951	0.810	0.767	0.922	0.892	0.936
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2629	0.0060	0.0856	0.0028	0.2521	0.3355	0.2160
1965-69	OBS.	812	207	414	102	22	30	18	19
	EXP.	828.7	203.2	414.9	113.0	31.8	23.0	18.6	24.2
	CONF.LIMIT	1.025	1.116	1.064	1.029	0.922	1.663	1.331	1.071
	OBS./EXP.	0.980	1.019	0.998	0.903	0.692	1.302	0.968	0.785
	CONF.LIMIT	0.936	0.929	0.935	0.790	0.511	1.008	0.690	0.565
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4179	0.2005	0.0588	0.0756	0.0907	0.5000	0.1871
1970-72	OBS.	442	108	223	57	15	17	10	12
	EXP.	548.8	141.0	270.3	72.0	19.9	14.7	12.9	18.1
	CONF.LIMIT	0.857	0.870	0.901	0.944	1.073	1.604	1.192	0.985
	OBS./EXP.	0.805	0.766	0.825	0.792	0.755	1.155	0.773	0.665
	CONF.LIMIT	0.757	0.673	0.755	0.661	0.519	0.814	0.481	0.434
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2845	0.4253	0.4342	0.3827	0.1073	0.5000	0.2273

TABLE 21 -8 DEATHS FROM OTHER DISEASE
HIROSHIMA + NAGASAKI, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3865	871	2073	552	135	83	78	73
	EXP.	4585.7	1057.1	2458.5	672.0	170.3	93.8	70.8	63.1
	CONF.LIMIT	0.860	0.861	0.867	0.868	0.887	1.023	1.279	1.351
	OBS./EXP.	0.843	0.824	0.843	0.821	0.793	0.885	1.101	1.158
	CONF.LIMIT	0.826	0.788	0.820	0.777	0.707	0.763	0.945	0.988
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2910	0.3020	0.2607	0.2323	0.3486	0.0115	0.0375
1965-69	OBS.	832	199	433	114	38	19	21	8
	EXP.	993.3	240.1	524.8	145.6	34.6	19.2	15.7	13.2
	CONF.LIMIT	0.876	0.909	0.878	0.886	1.363	1.349	1.793	0.985
	OBS./EXP.	0.838	0.829	0.825	0.783	1.098	0.989	1.336	0.606
	CONF.LIMIT	0.801	0.754	0.775	0.691	0.877	0.712	0.979	0.353
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4949	0.3313	0.0521	0.4234	0.2464	0.0188	0.0272
1970-72	OBS.	458	112	240	69	12	9	9	7
	EXP.	678.0	160.0	361.0	98.6	25.3	14.4	10.5	8.2
	CONF.LIMIT	0.718	0.792	0.723	0.821	0.703	0.984	1.355	1.437
	OBS./EXP.	0.675	0.700	0.665	0.700	0.474	0.623	0.858	0.854
	CONF.LIMIT	0.635	0.617	0.610	0.594	0.310	0.376	0.518	0.476
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3452	0.3741	0.1624	0.4778	0.5000	0.2670	0.4028

DEATHS FROM OTHER DISEASE
HIROSHIMA, MALE + FEMALE, ALL AGES

TABLE 21 -9

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	5926	1305	3322	772	195	124	96	112
	EXP.	6952.5	1562.8	3844.9	968.5	242.3	128.9	101.3	103.8
	CONF.LIMIT	0.867	0.865	0.884	0.835	0.884	1.083	1.085	1.221
	OBS./EXP.	0.852	0.835	0.864	0.797	0.805	0.962	0.948	1.079
	CONF.LIMIT	0.838	0.806	0.845	0.761	0.732	0.853	0.826	0.950
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1528	0.0230	0.1801	0.0165	0.1259	0.1949	0.0765
1965-69	OBS.	1297	314	702	165	45	36	22	13
	EXP.	1499.9	368.0	801.6	206.1	51.0	28.5	21.8	23.0
	CONF.LIMIT	0.896	0.918	0.920	0.886	1.077	1.581	1.345	0.826
	OBS./EXP.	0.865	0.853	0.876	0.801	0.883	1.265	1.009	0.566
	CONF.LIMIT	0.834	0.792	0.834	0.722	0.719	1.004	0.745	0.377
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3646	0.1615	0.5000	0.2002	0.0181	0.2826	0.0243
1970-72	OBS.	723	186	378	97	21	15	13	13
	EXP.	1003.9	247.3	535.8	137.9	34.3	18.0	14.7	15.9
	CONF.LIMIT	0.756	0.828	0.754	0.804	0.823	1.182	1.289	1.191
	OBS./EXP.	0.720	0.752	0.705	0.704	0.613	0.832	0.883	0.817
	CONF.LIMIT	0.686	0.682	0.659	0.614	0.449	0.572	0.588	0.543
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2493	0.5000	0.3114	0.4168	0.2978	0.2445	0.1816

DEATHS FROM OTHER DISEASE
HIROSHIMA, MALE, ALL AGES

TABLE 21-10

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	2903	609	1651	360	91	75	50	67
	EXP.	3163.7	681.2	1745.1	433.9	114.1	69.7	55.2	64.5
	CONF.LIMIT	0.940	0.942	0.977	0.889	0.916	1.254	1.093	1.222
	OBS./EXP.	0.918	0.894	0.946	0.830	0.797	1.077	0.906	1.039
	CONF.LIMIT	0.896	0.848	0.916	0.774	0.692	0.921	0.746	0.880
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1216	0.0131	0.0636	0.0047	0.1461	0.4165	0.2822
1965-69	OBS.	627	148	348	78	14	22	9	8
	EXP.	667.3	162.2	350.7	88.6	24.5	15.6	11.3	14.4
	CONF.LIMIT	0.990	1.016	1.064	1.022	0.822	1.885	1.258	0.905
	OBS./EXP.	0.940	0.912	0.992	0.880	0.572	1.414	0.797	0.557
	CONF.LIMIT	0.892	0.818	0.925	0.755	0.387	1.044	0.482	0.325
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2114	0.1886	0.0280	0.0514	0.0630	0.3260	0.2304
1970-72	OBS.	339	84	181	41	13	8	5	7
	EXP.	439.8	111.3	228.4	57.5	15.2	8.8	7.7	10.8
	CONF.LIMIT	0.827	0.872	0.873	0.878	1.246	1.476	1.198	1.092
	OBS./EXP.	0.771	0.755	0.792	0.713	0.854	0.908	0.645	0.649
	CONF.LIMIT	0.718	0.651	0.718	0.574	0.569	0.529	0.315	0.362
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3837	0.3048	0.4373	0.3709	0.4030	0.4270	0.5000

TABLE 21-11 DEATHS FROM OTHER DISEASE
HIROSHIMA, FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3023	696	1671	412	104	49	46	45
	EXP.	3788.8	881.6	2099.8	534.7	128.1	59.2	46.1	39.4
	CONF.LIMIT	0.817	0.829	0.821	0.822	0.924	1.001	1.215	1.394
	OBS./EXP.	0.798	0.790	0.796	0.771	0.812	0.828	0.999	1.143
	CONF.LIMIT	0.779	0.751	0.771	0.722	0.711	0.680	0.815	0.931
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4404	0.2901	0.4366	0.3421	0.4126	0.0713	0.1240
1965-69	OBS.	670	166	354	87	31	14	13	5
	EXP.	832.6	205.8	450.8	117.5	26.5	12.9	10.5	8.6
	CONF.LIMIT	0.846	0.893	0.841	0.853	1.488	1.561	1.804	1.079
	OBS./EXP.	0.805	0.807	0.785	0.740	1.170	1.086	1.237	0.581
	CONF.LIMIT	0.765	0.728	0.732	0.641	0.910	0.735	0.823	0.284
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4031	0.3367	0.0195	0.3607	0.1389	0.0663	0.0318
1970-72	OBS.	384	102	197	56	8	7	8	6
	EXP.	564.1	136.0	307.4	80.4	19.1	9.2	7.0	5.1
	CONF.LIMIT	0.727	0.855	0.703	0.832	0.682	1.278	1.866	2.050
	OBS./EXP.	0.681	0.750	0.641	0.697	0.420	0.759	1.148	1.167
	CONF.LIMIT	0.637	0.657	0.583	0.581	0.245	0.423	0.669	0.615
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1080	0.3115	0.1616	0.5000	0.3824	0.0879	0.1011

TABLE 21-12 DEATHS FROM OTHER DISEASE
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	1707	393	771	257	72	67	71	76
	EXP.	1571.2	362.6	677.5	258.1	81.3	67.9	56.1	67.7
	CONF.LIMIT	1.121	1.157	1.192	1.080	1.035	1.160	1.482	1.307
	OBS./EXP.	1.086	1.084	1.138	0.996	0.885	0.987	1.266	1.123
	CONF.LIMIT	1.053	1.014	1.086	0.917	0.755	0.836	1.078	0.961
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2253	0.0345	0.0243	0.0081	0.1477	0.2076	0.4269
1965-69	OBS.	347	92	145	51	15	13	17	14
	EXP.	322.1	75.3	138.1	52.4	15.5	13.8	12.5	14.4
	CONF.LIMIT	1.155	1.402	1.170	1.171	1.378	1.374	1.886	1.395
	OBS./EXP.	1.077	1.222	1.050	0.972	0.971	0.942	1.358	0.970
	CONF.LIMIT	1.004	1.061	0.940	0.802	0.667	0.627	0.957	0.656
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1406	0.3528	0.4514	0.3314	0.4214	0.1827	0.3702
1970-72	OBS.	177	34	85	29	6	11	6	6
	EXP.	222.9	53.7	95.4	32.7	10.9	11.1	8.7	10.3
	CONF.LIMIT	0.876	0.796	1.028	1.138	0.966	1.490	1.210	1.020
	OBS./EXP.	0.794	0.633	0.891	0.887	0.550	0.987	0.689	0.581
	CONF.LIMIT	0.719	0.498	0.769	0.684	0.290	0.631	0.363	0.306
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0560	0.5000	0.1754	0.3424	0.4217	0.3564	0.5000

DEATHS FROM OTHER DISEASE
NAGASAKI, MALE, ALL AGES

TABLE 21-13

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	865	218	369	117	41	33	39	48
	EXP.	774.3	187.0	318.8	120.8	39.1	33.3	31.3	44.0
	CONF.LIMIT	1.167	1.273	1.239	1.094	1.291	1.251	1.544	1.322
	OBS./EXP.	1.117	1.166	1.157	0.969	1.048	0.991	1.247	1.091
	CONF.LIMIT	1.069	1.066	1.081	0.856	0.844	0.778	0.999	0.895
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4829	0.0522	0.3069	0.0530	0.2280	0.3529	0.4158
1965-69	OBS.	185	59	66	24	8	8	9	11
	EXP.	161.5	41.0	64.2	24.4	7.3	7.5	7.3	9.8
	CONF.LIMIT	1.261	1.712	1.210	1.297	1.774	1.736	1.946	1.688
	OBS./EXP.	1.146	1.441	1.028	0.985	1.092	1.068	1.232	1.118
	CONF.LIMIT	1.039	1.206	0.870	0.738	0.636	0.623	0.745	0.714
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0354	0.4828	0.4921	0.5000	0.5000	0.3554	0.3824
1970-72	OBS.	103	24	42	16	2	9	5	5
	EXP.	109.0	29.7	41.8	14.5	4.6	5.9	5.2	7.3
	CONF.LIMIT	1.076	1.065	1.234	1.553	1.146	2.404	1.790	1.276
	OBS./EXP.	0.945	0.809	1.004	1.107	0.431	1.523	0.964	0.687
	CONF.LIMIT	0.828	0.606	0.811	0.770	0.115	0.920	0.471	0.335
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.2373	0.4188	0.1709	0.4725	0.1630	0.5000	0.2712

DEATHS FROM OTHER DISEASE
NAGASAKI, FEMALE, ALL AGES

TABLE 21-14

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	842	175	402	140	31	34	32	28
	EXP.	796.9	175.6	358.7	137.3	42.2	34.6	24.8	23.7
	CONF.LIMIT	1.105	1.100	1.196	1.139	0.935	1.235	1.636	1.523
	OBS./EXP.	1.057	0.997	1.121	1.019	0.735	0.982	1.291	1.182
	CONF.LIMIT	1.010	0.901	1.050	0.911	0.572	0.773	1.009	0.906
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1061	0.1809	0.0145	0.0413	0.2632	0.2415	0.5000
1965-69	OBS.	162	33	79	27	7	5	8	3
	EXP.	160.6	34.4	73.9	28.1	8.1	6.3	5.2	4.6
	CONF.LIMIT	1.118	1.213	1.240	1.245	1.449	1.469	2.494	1.453
	OBS./EXP.	1.009	0.960	1.069	0.961	0.862	0.792	1.534	0.652
	CONF.LIMIT	0.908	0.753	0.918	0.733	0.480	0.386	0.894	0.241
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3444	0.3635	0.3752	0.3019	0.3472	0.2040	0.4743
1970-72	OBS.	74	10	43	13	4	2	1	1
	EXP.	113.9	24.1	53.6	18.2	6.3	5.2	3.5	3.1
	CONF.LIMIT	0.757	0.641	0.983	1.041	1.278	1.017	1.099	1.266
	OBS./EXP.	0.649	0.416	0.802	0.714	0.639	0.382	0.284	0.327
	CONF.LIMIT	0.555	0.259	0.650	0.475	0.280	0.102	0.028	0.032
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0409	0.4237	0.4461	0.3637	0.2241	0.2363	0.1140

TABLE 22 -1 DEATHS FROM LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	155	14	44	14	7	12	55	9
	EXP.	61.8	15.0	29.6	8.5	2.4	2.0	2.5	1.8
	CONF.LIMIT	2.785	1.339	1.816	2.372	4.887	8.743	26.642	7.999
	OBS./EXP.	2.507	0.931	1.485	1.649	2.905	5.899	22.275	5.066
	CONF.LIMIT	2.252	0.630	1.207	1.116	1.619	3.851	18.522	3.061
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0835	0.4158	0.0863	0.1934	0.0002	0.0000	0.0000
1965-69	OBS.	32	6	11	1	3	1	9	1
	EXP.	17.1	4.3	8.1	2.3	0.7	0.6	0.7	0.5
	CONF.LIMIT	2.373	2.452	2.055	1.674	10.132	6.977	20.899	7.776
	OBS./EXP.	1.873	1.396	1.361	0.432	4.548	1.802	13.235	2.009
	CONF.LIMIT	1.463	0.735	0.870	0.042	1.679	0.177	7.998	0.197
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2164	0.0836	0.5000	0.5000	0.0000	0.0001
1970-72	OBS.	13	3	6	0	0	0	3	1
	EXP.	10.2	2.6	4.8	1.4	0.4	0.3	0.4	0.3
	CONF.LIMIT	1.863	2.602	2.190	1.668	5.885	6.966	16.725	12.875
	OBS./EXP.	1.277	1.168	1.247	0.000	0.000	0.000	7.507	3.326
	CONF.LIMIT	0.850	0.431	0.656	0.000	0.000	0.000	2.771	0.327
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.2205	0.5000	0.1527	0.5000	0.0266	0.1041

TABLE 22 -2 DEATHS FROM LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	117	10	33	12	7	9	40	6
	EXP.	46.9	11.4	23.3	6.5	1.7	1.4	1.7	0.9
	CONF.LIMIT	2.816	1.349	1.787	2.752	6.749	10.405	29.792	11.103
	OBS./EXP.	2.494	0.875	1.416	1.857	4.011	6.589	24.126	6.322
	CONF.LIMIT	2.203	0.545	1.111	1.212	2.236	3.982	19.385	3.328
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1222	0.2546	0.0194	0.0557	0.0004	0.0000	0.0000
1965-69	OBS.	22	4	7	1	3	1	6	0
	EXP.	13.0	3.3	6.4	1.8	0.5	0.4	0.5	0.3
	CONF.LIMIT	2.255	2.416	1.852	2.192	13.980	10.423	23.193	8.594
	OBS./EXP.	1.691	1.208	1.101	0.566	6.274	2.692	13.206	0.000
	CONF.LIMIT	1.249	0.529	0.614	0.056	2.316	0.264	6.952	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.4535	0.0283	0.3170	0.3650	0.0001	0.0004
1970-72	OBS.	10	2	4	0	0	0	3	1
	EXP.	7.7	2.0	3.8	1.1	0.3	0.2	0.3	0.2
	CONF.LIMIT	1.993	2.698	2.116	2.188	8.154	10.523	25.182	23.774
	OBS./EXP.	1.293	1.014	1.058	0.000	0.000	0.000	11.302	6.141
	CONF.LIMIT	0.805	0.271	0.463	0.000	0.000	0.000	4.172	0.603
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3747	0.5000	0.2986	0.5000	0.0081	0.0360

DEATHS FROM LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 22 -3

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	38	4	11	2	0	3	15	3
	EXP.	14.9	3.6	6.3	2.0	0.7	0.7	0.8	0.8
	CONF.LIMIT	3.162	2.214	2.630	2.628	3.459	9.997	26.254	8.077
	OBS./EXP.	2.546	1.107	1.742	0.988	0.000	4.487	18.491	3.625
	CONF.LIMIT	2.034	0.485	1.113	0.264	0.000	1.656	12.703	1.338
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3109	0.3545	0.3324	0.2051	0.1441	0.0000	0.0000
1965-69	OBS.	10	2	4	0	0	0	3	1
	EXP.	4.1	1.0	1.7	0.5	0.2	0.2	0.2	0.2
	CONF.LIMIT	3.780	5.385	4.646	4.209	12.667	12.535	29.618	16.816
	OBS./EXP.	2.453	2.024	2.324	0.000	0.000	0.000	13.293	4.343
	CONF.LIMIT	1.527	0.540	1.017	0.000	0.000	0.000	4.907	0.427
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.3320	0.5000	0.2440	0.5000	0.0380	0.1346
1970-72	OBS.	3	1	2	0	0	0	0	0
	EXP.	2.4	0.6	1.0	0.3	0.1	0.1	0.1	0.1
	CONF.LIMIT	2.729	6.495	5.152	7.016	21.151	20.606	17.136	16.685
	OBS./EXP.	1.225	1.678	1.936	0.000	0.000	0.000	0.000	0.000
	CONF.LIMIT	0.452	0.165	0.517	0.000	0.000	0.000	0.000	0.000
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.5000	0.5000	0.5000	0.4941	0.5000	0.5000	0.5000

DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA + NAGASAKI, MALE + FEMALE, ALL AGES

TABLE 23 -1

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	4393	967	2121	629	186	159	212	119
	EXP.	4029.4	937.3	1963.1	579.9	164.5	137.5	151.0	96.1
	CONF.LIMIT	1.112	1.076	1.111	1.142	1.245	1.283	1.536	1.396
	OBS./EXP.	1.090	1.032	1.080	1.085	1.131	1.157	1.404	1.238
	CONF.LIMIT	1.069	0.989	1.050	1.030	1.026	1.041	1.282	1.095
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1213	0.4733	0.2853	0.3808	0.2120	0.0001	0.0010
1965-69	OBS.	1231	293	569	179	59	38	61	32
	EXP.	1068.9	264.7	508.9	149.2	42.8	35.6	40.6	27.1
	CONF.LIMIT	1.195	1.194	1.181	1.323	1.639	1.327	1.779	1.496
	OBS./EXP.	1.152	1.107	1.118	1.200	1.379	1.069	1.501	1.181
	CONF.LIMIT	1.110	1.025	1.058	1.086	1.154	0.853	1.260	0.922
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4593	0.2153	0.0693	0.0960	0.4349	0.0162	0.0907
1970-72	OBS.	730	178	343	98	34	29	36	12
	EXP.	689.3	172.6	326.0	95.2	27.6	23.1	26.3	18.6
	CONF.LIMIT	1.111	1.138	1.129	1.176	1.552	1.611	1.711	0.957
	OBS./EXP.	1.059	1.032	1.052	1.029	1.234	1.256	1.370	0.646
	CONF.LIMIT	1.009	0.934	0.980	0.898	0.971	0.968	1.087	0.421
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4349	0.4503	0.2072	0.4337	0.1998	0.0750	0.0543

TABLE 23 -2 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
HIROSHIMA, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	3515	755	1752	500	142	123	165	78
	EXP.	3224.6	745.8	1618.4	460.9	126.8	102.7	112.9	57.1
	CONF.LIMIT	1.114	1.061	1.116	1.150	1.250	1.348	1.618	1.588
	OBS./EXP.	1.090	1.012	1.083	1.085	1.120	1.198	1.461	1.367
	CONF.LIMIT	1.067	0.965	1.050	1.023	1.001	1.061	1.317	1.173
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.0646	0.4923	0.3597	0.4300	0.1473	0.0001	0.0005
1965-69	OBS.	969	229	461	140	43	32	48	16
	EXP.	855.5	213.4	418.0	119.0	33.1	26.2	29.7	16.1
	CONF.LIMIT	1.181	1.170	1.172	1.315	1.592	1.548	1.956	1.391
	OBS./EXP.	1.133	1.073	1.103	1.177	1.299	1.222	1.615	0.991
	CONF.LIMIT	1.086	0.983	1.038	1.051	1.053	0.955	1.324	0.690
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3840	0.2645	0.1667	0.1688	0.3111	0.0069	0.0177
1970-72	OBS.	568	144	270	81	26	16	25	6
	EXP.	549.0	138.2	266.7	76.3	21.3	16.6	18.8	11.1
	CONF.LIMIT	1.093	1.162	1.096	1.229	1.588	1.354	1.737	0.954
	OBS./EXP.	1.035	1.042	1.013	1.061	1.220	0.964	1.327	0.543
	CONF.LIMIT	0.979	0.932	0.934	0.913	0.925	0.671	1.000	0.286
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4095	0.3744	0.2032	0.2593	0.4894	0.1123	0.2322

TABLE 23 -3 DEATHS FROM MALIGNANT NEOPLASMS EXCEPT LEUKEMIA
NAGASAKI, MALE + FEMALE, ALL AGES

YEAR	CLASS	TOTAL	T65 TOTAL DOSE IN RAD						
			NIC A	0-9 B	10-49 C	50-99 D	100-199 E	200+ F	UNK G
1950-72 TOTAL	OBS.	878	212	369	129	44	36	47	41
	EXP.	804.8	191.5	344.7	119.0	37.7	34.7	38.1	39.1
	CONF.LIMIT	1.140	1.211	1.146	1.217	1.426	1.295	1.498	1.292
	OBS./EXP.	1.091	1.107	1.070	1.084	1.166	1.036	1.234	1.049
	CONF.LIMIT	1.044	1.011	1.000	0.964	0.947	0.822	1.010	0.845
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.3623	0.4676	0.3165	0.3845	0.4689	0.1954	0.3206
1965-69	OBS.	262	64	108	39	16	6	13	16
	EXP.	213.4	51.3	90.9	30.2	9.7	9.4	10.9	11.0
	CONF.LIMIT	1.331	1.471	1.348	1.600	2.316	1.125	1.738	2.050
	OBS./EXP.	1.228	1.247	1.188	1.292	1.650	0.640	1.191	1.461
	CONF.LIMIT	1.132	1.052	1.044	1.035	1.149	0.337	0.793	1.017
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.4070	0.3555	0.1311	0.2039	0.0983	0.5000	0.2070
1970-72	OBS.	162	34	73	17	8	13	11	6
	EXP.	140.3	34.3	59.3	18.9	6.3	6.5	7.4	7.5
	CONF.LIMIT	1.280	1.246	1.436	1.249	2.079	2.918	2.230	1.398
	OBS./EXP.	1.155	0.990	1.230	0.899	1.279	2.000	1.478	0.796
	CONF.LIMIT	1.040	0.780	1.050	0.634	0.746	1.331	0.944	0.419
	TEST		A=B?	B=C?	B=D?	B=CD?	B=E?	B=F?	B=EF?
	PROB.		0.1743	0.1527	0.5000	0.2123	0.0671	0.3305	0.0916

REFERENCES

参考文献

1. JABLON S, KATO H: JNIH-ABCC Life Span Study Report 6 Mortality among A-bomb survivors, 1950-70. Radiat Res 50:649-98, 1972 (ABCC TR 10-71)

2. BEEBE GW, USAGAWA M: The major ABCC samples. ABCC TR 12-68

3. WORLD HEALTH ORGANIZATION: Manual of the international statistical classification of diseases, injuries and causes of death. 1955 (7th) rev and 1965 (8th) rev, Geneva, World Health Organization, 1957 and 1969

4. MILTON RC, SHOHOJI T: Tentative 1965 radiation dose estimation for atomic bomb survivors, Hiroshima-Nagasaki. ABCC TR 1-68

5. AUXIER JA, CHEKA JS, HAYWOOD FF, JONES TD, THORNGATE JH: Free-field radiation-dose distribution from the Hiroshima and Nagasaki bombings. Health Phys 12:425-9, 1966

6. HASHIZUME T, MARUYAMA T, SHIRAGAI A, TANAKA E, IZAWA M, KAWAMURA S, NAGAOKA S: Estimation of the air dose from the atomic bombs in Hiroshima and Nagasaki. Health Phys 13:149-61, 1967 (ABCC TR 6-67)

7. ISHIMARU T, HOSHINO T, ICHIMARU M, OKADA H, TOMIYASU T, TSUCHIMOTO T, YAMAMOTO T: Leukemia in atomic bomb survivors, Hiroshima-Nagasaki, 1 October 1950-30 September 1966. Radiat Res 45:216-33, 1971 (ABCC TR 25-69)

8. Advisory Committee on the Biological Effects of Ionizing Radiations: The effects on populations of exposure to low levels of ionizing radiation. Washington, National Academy of Sciences, Nov. 1972. p 101

9. BEEBE GW, YAMAMOTO T, MATSUMOTO YS, GOULD SE: ABCC-JNIH Pathology studies, Hiroshima-Nagasaki. Report 2. October 1950-December 1965. ABCC TR 8-67

10. YAMAMOTO T, KATO H, ISHIDA K, TAHARA E, McGREGOR DH: Gastric carcinoma in a fixed population: Hiroshima and Nagasaki, 1961-68. Gann 61:473-83, 1970 (ABCC TR 6-70)

11. SCHREIBER WM, KATO H, ROBERTSON JD: Primary carcinoma of the liver in Hiroshima and Nagasaki, Japan. Cancer 26:69-75, 1970 (ABCC TR 15-69)

12. ROBERTSON JD, KATO H, SCHREIBER WM: Carcinoma of the gallbladder, bile ducts and Vater's ampulla, Hiroshima and Nagasaki. ABCC TR 7-70

13. WOOD JW, TAMAGAKI H, NERIISHI S, SATO T, SHELDON WF, ARCHER PG, HAMILTON HB, JOHNSON KG: Thyroid carcinoma in atomic bomb survivors, Hiroshima and Nagasaki. Am J Epidemiol 89:4-14, 1969 (ABCC TR 4-68)

14. SAMPSON RJ, KEY CR, BUNCHER CR, IIJIMA S: Prevalence of thyroid carcinoma at autopsy Hiroshima 1957-68, Nagasaki 1951-67. JAMA 209:65-70, 1969 (ABCC TR 25-68)

15. NISHIYAMA H, ANDERSON RE, ISHIMARU T, ISHIDA K, II Y, OKABE N: Malignant lymphoma and multiple myeloma in atomic bomb survivors, Hiroshima-Nagasaki 1945-65. ABCC TR 4-71

16. BELSKY JL, TACHIKAWA K, CIHAK RW, YAMAMOTO T: Salivary gland tumors in atomic bomb survivors, Hiroshima-Nagasaki, 1957-70. JAMA 219:864-8, 1972 (ABCC TR 15-71)