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NAVAL POSTGRADUATE SCHOOL

Monterey, California



THESIS

AN INVESTIGATION OF THE POWER
OF THE WALD - WOLFOWITZ,
TWO SAMPLE, RUNS TEST

by

William Charles Heschl

Thesis Advisor:

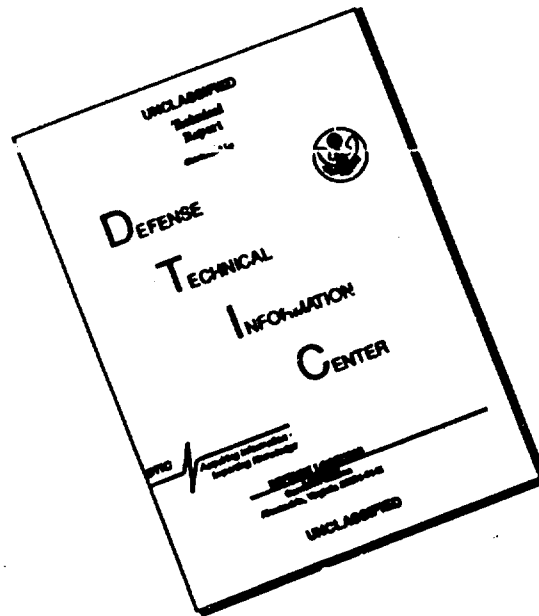
D. R. Barr

March 1972

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Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author) Naval Postgraduate School Monterey, California 93940		2a. REPORT SECURITY CLASSIFICATION Unclassified	
		2b. GROUP	
3. REPORT TITLE An Investigation of the Power of the Wald-Wolfowitz, Two Sample, Runs Test			
4. DESCRIPTIVE NOTES (Type of report and, inclusive dates) Master's Thesis; (March 1972)			
5. AUTHOR(S) (First name, middle initial, last name) William C. Heschl			
6. REPORT DATE March 1972		7a. TOTAL NO. OF PAGES 190	7b. NO. OF REFS 10
8a. CONTRACT OR GRANT NO.		8b. ORIGINATOR'S REPORT NUMBER(S)	
b. PROJECT NO.			
c.		9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
d.			
10. DISTRIBUTION STATEMENT Approved for public release, distribution unlimited.			
11. SUPPLEMENTARY NOTES		12. SPONSORING MILITARY ACTIVITY Naval Postgraduate School Monterey, California 93940	
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DD FORM 1 NOV 66 1473

(PAGE 1)

S/N 0101-807-6811

189

~~UNCLASSIFIED~~

Security Classification

A-31408

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
WALD-WOLFOWITZ RUNS TEST						
TWO SAMPLE RUNS TEST						
POWER						
COMPUTER SAMPLING						
ANTITHETIC VARIABLES						
STATISTICAL HYPOTHESIS TEST						

An Investigation of the Power
of the Wald - Wolfowitz,
Two Sample, Runs Test

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Submitted in partial fulfillment of the
requirements for the degree of

MASTER OF SCIENCE IN OPERATIONS RESEARCH

from the

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ABSTRACT

In the absence of information concerning underlying distributions of populations being sampled, it is difficult to apply parametric statistical tests without possibly violating assumptions under which these tests have been derived. As a result, parametric statistical tests may provide invalid information and result in erroneous conclusions related to samples under observation. This undesirable effect leads statisticians toward the utilization of non-parametric tests which are unconcerned with the specific form of the underlying distributions. By computer sampling, this paper investigates the power of the Wald-Wolfowitz runs test as it pertains to normal, uniform and triangular distributions. The power is found to be satisfactory when it is possible to obtain large samples for comparison.

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I. INTRODUCTION

A question which is often asked when sets of data are analyzed by statistical methods is: "Have these two samples been drawn from the same populations?" When the distributions from which the samples were drawn are unknown, it may be necessary to resort to non-parametric statistical techniques for resolution. These distribution-free methods, unlike parametric methods, require no assumptions about the form of a sampled population. By eliminating these assumptions, the problem of robustness (i.e. sensitivity to departures from assumptions) is also eliminated.

The Wald-Wolfowitz runs test [Refs. 7 & 8] is non-parametric with a null hypothesis that two samples, not necessarily of equal size, have been drawn from distributions of the same form. The test itself is easily applied and only requires that the two samples are stochastically independent with continuous cumulative distribution functions [Ref. 10].

This paper examines, by repeated computer sampling, the power of the Wald-Wolfowitz runs test for three well-known distributions as the means, variances and sample sizes of these distributions are altered. Differences in these various parameters will cause rejection of the null hypothesis by reducing the number of runs which occur.

To determine the number of runs formed by two random samples, the following procedure is followed. Elements in sample one are identified with an 'X' and those in sample

two with a 'Y'. The elements from both samples are then combined and numerically sorted into ascending order. Because samples are drawn from continuous distributions, only one ordering is possible and, therefore, the number of runs is fixed. Assuming m X's and n Y's, and ordered vector of length $m+n$ has been obtained. Define a run to be a sequence of letter(s) of the same kind bounded by a letter of another kind. Then, for example, 11 runs appear in the following ordered example:

XX Y X YYY XX YY X YYYY XXX Y X

Samples from the same population will tend to provide an intermingled ordered vector and, therefore, the number of runs is expected to be large. If, however, the means of the two samples are not the same, we expect to find fewer runs with a long run of X's on one end, a long run of Y's on the other end and some intermingling in the middle. Likewise, if X has a larger variance, a larger run of X's would appear on both ends with less mixing in the middle. A similar analysis may be carried on for differences in skewness, distributions, etc., all of which lead to a reduced number of runs.

Deciding whether non-parametric statistics should be utilized or not may be summed up by considering the advantages and disadvantages quoted by Moses [Ref. 5].

"Advantages of non-parametric methods:

1. Whatever may be the form of the distribution from which the sample has been drawn, a non-parametric test of a specified significance level actually has that significance level (provided that the sample has been drawn at random; in certain cases as will be noted, it is also necessary to assume that the distribution is continuous).
2. If samples are very small, e.g., six, there is in effect no alternative to a non-parametric test (unless the parent distribution really is known).
3. If the sample consists of observations from several different populations there may be a suitable non-parametric treatment.
4. The methods are usually easier to apply than the classical techniques.
5. If the data are inherently of the nature of ranks, not measurements, they can be treated directly by non-parametric methods without precariously assuming some special form for the underlying distribution.
6. In certain cases data can only be taken as 'better' or 'worse,' that is, an observation can only be characterized as a plus or minus. Obviously, the classical tests are not directly applicable to such data.

"Disadvantages of non-parametric methods:

1. If non-parametric tests rather than normal-theory tests are applied to normal data then they are wasteful of data. The degree of wastefulness is measured by the 'efficiency' of the non-parametric test. If, for example, a test has 80 per cent efficiency this means that where the data are from a normal distribution, the appropriate classical test would be just as effective with a sample of 20 per cent smaller size. The efficiency thus expresses the relative merits of the non-parametric test and the classical test under the conditions where the normal test is correct, but does not tell us how the tests will compare on non-normal data.
2. The non-parametric tests and tables of significance values are widely scattered in the periodical literature.
3. For large samples some of the non-parametric methods require a great amount of labor, unless approximations are employed."

For the Wald-Wolfowitz runs test, let

u' = number of runs actually formed.

then

$$P(u \leq u') = \frac{1}{C_n^{m+n}} \sum_{u=2}^{u'} F_u$$

where

$$F_u = 2C_{k-1}^{m-1} C_{k-1}^{n-1}, \text{ when } u=2k, \text{ i.e. } u \text{ is even,}$$

and

$$F_u = C_{k-1}^{m-1} C_{k-2}^{n-1} + C_{k-2}^{m-1} C_{k-1}^{n-1}, \text{ when } u=2k-1, \text{ i.e. } u \text{ is odd,}$$

for $k=1, 2, \dots, m+1$ (assuming $m \leq n$ with no loss in generality).

For large sample sizes, the number of runs is approximately normally distributed [Refs. 1, 4 & 5] with

$$\text{mean} = 2mn/(m+n) + 1$$

and

$$\text{variance} = \frac{2mn(2mn - m - n)}{(m+n)(m+n)(m+n-1)}$$

A modest study of the rate of convergence indicates that this approximation is not good for tail probabilities with sample sizes below 75. For this reason, an extensive table of the distribution of u' is given in Appendix B.

Computer generation of random variates was selected in this investigation of the Wald-Wolfowitz runs test because many samples were desired. These samples had to have known distributions, be of specific size and be available immediately. In addition, paired samples were labelled as indicated above, then combined, sorted and runs counted and tabulated. These steps were all repetitious and, therefore, readily adaptable for machine computation. Methods used for random variate generation are contained in the next section. The computer program, sample outputs and tabulated results are in the appendices.

II. METHODS

A. GENERATION OF RANDOM VARIATES

Prior to generation of random variates for the selected distributions, it was necessary to select a random number generator capable of providing uniformly distributed random variates over the interval (0,1). The IBM subroutine, Randu, was tested by means of the chi square goodness of fit test [Ref. 3]; it appeared to be satisfactory. The selected distributions were then generated as indicated below.

1. Uniform Distribution

The mathematical expression for the probability density function of the uniform distribution with parameters $a < b$ is defined as follows:

$$f(x) = \begin{cases} \frac{1}{b-a} & a < x < b \\ 0 & \text{otherwise} \end{cases}$$

The cumulative distribution function is:

$$F(x) = \int_a^x \frac{1}{b-a} dt = \frac{x-a}{b-a}; \quad a < x < b$$

It should be observed that F is defined over the interval (0,1); therefore, by using the IBM subroutine Randu and setting $F(x) = r$ (where r is the random number generated), r may be mapped into x by F^{-1} . This is given by

$$x = a + (b - a)r; \quad 0 \leq r \leq 1$$

2. Triangular Distribution

For flexibility, three cases are considered which may be described in terms of figure 1.

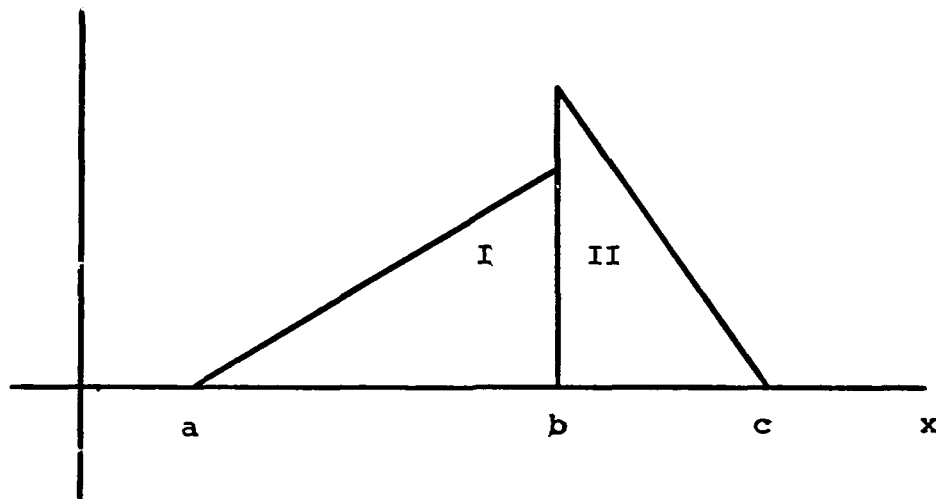


Figure 1.

a. Case 1 - Triangle I Only

Given the length of the base of the right triangle, points a and b , and knowing that the area must equal one, it is possible to determine both the altitude and the slope of the hypotenuse of the triangle. From this, the probability density function may be written as follows:

$$f(x) = \begin{cases} \frac{2(x-a)}{(b-a)^2} & ; \quad a < x < b \\ 0 & \text{otherwise} \end{cases}$$

By integrating the probability density function, the cumulative distribution function is obtained;

$$F(x) = \int_a^x \frac{2(t-a)}{(b-a)^2} dt = \frac{(x-a)^2}{(b-a)^2} ; \quad a < x < b$$

Finally, by means of the inverse transformation, F^{-1} , a uniform random variate from the IBM subroutine Randu is mapped into one with the distribution F by the mapping

$$x = a + (b - a) \sqrt{r} ; \quad 0 \leq r \leq 1$$

b. Case 2 - Triangle II Only

Using the method described for case 1, Triangle II may be obtained in a similar fashion. The probability density function is:

$$f(x) = \begin{cases} \frac{-2(x-c)}{(c-b)^2} ; & b < x < c \\ 0 & \text{otherwise} \end{cases}$$

The cumulative distribution function obtained by integrating the probability density function is

$$F(x) = \int_b^x \frac{-2(t-c)}{(c-b)^2} dt = \frac{(x-c)^2}{(c-b)^2} ; \quad b < x < c$$

The mapping F^{-1} of r into x is given by:

$$x = c - (c - b) \sqrt{r} ; \quad 0 \leq r \leq 1$$

c. Case 3 - Triangle I and II

The method used to generate random variates in this case is similar to combining cases 1 and 2. Here, the points a , b and c as well as the area of triangle I are given. Since the total area of the two triangles must equal one, the function of F is determined.

Let $at1$ and $at2$ equal the areas of triangles I and II, respectively. When $0 \leq r < at1$, r is mapped into (a,b) by an inverse transformation. If $at1 \leq r \leq 1$, then r is mapped into (b,c) . This mapping is given as follows:

$$x = \begin{cases} a + \frac{(b-a)\sqrt{(at1)r}}{at1} ; & 0 \leq r < at1 \\ c - \frac{(c-b)\sqrt{(at2)(at2-(1-r))}}{at2} ; & at1 \leq r \leq 1 \end{cases}$$

3. Normal Distribution

There are several methods which may be utilized to generate random variates from the normal distribution. The method used here is based on the central limit theorem [Ref. 6] which states that the probability distribution of the sum of n independently and identically distributed random variates x with respective means μ_i and variances σ_i^2 , as n becomes very large, approaches the normal distribution asymptotically with mean and variance:

$$\mu = \sum_{i=1}^n \mu_i$$

$$\sigma^2 = \sum_{i=1}^n \sigma_i^2$$

It can be shown that a standard normal variate z is approximated well by:

$$z = \frac{\sum_{i=1}^n r_i - n/2}{\sqrt{n/12}}$$

By equating this representation of the standard normal variate with its representation in terms of a normal variate x with mean μ_x and variance σ_x^2 ,

$$z = \frac{x - \mu_x}{\sigma_x}$$

A simple formula for generating normally distributed random variates with mean μ_x and variance σ_x^2 is obtained.

$$x = \sigma_x \sqrt{12/n} \left[\sum_{i=1}^n r_i - n/2 \right] + \mu_x$$

The smallest value recommended for use in simulation is $n=10$, but by selecting $n=12$, computational efficiency is increased and the formula is reduced to

$$x = \sigma_x \left[\sum_{i=1}^{12} r_i - 6 \right] + \mu_x$$

B. UTILIZATION OF ANTITHETIC VARIABLES

Antithetic variables were used in this investigation to increase computational efficiency in connection with generation and use of random variates. Consider the generation of random variates for the uniform distribution in the interval (a,b) . Suppose a random variate r in the interval $(0,1)$ is drawn which is close to zero, when r is mapped into x , the realization of x for the uniform distribution will be close to a . The antithetic variable, $1-r$, when mapped into the same uniform distribution will create a realization close to b . Creating the antithetic variable for use in another sample for later use is thereby quickly obtained by a single subtraction compared to several computational steps necessary to create a new random variate r . In addition, if the random number generator is biased toward one end of the $(0,1)$ interval, the antithetic variable will produce a cancelling effect. Antithetic

variables are discussed in detail in relation to queuing problems by D.P. Gaver [Ref. 2].

III. RESULTS AND CONCLUSIONS

It is known that statistical tests with weak assumptions are applicable to a broad variety of problems, but generally have low power. By design, the Wald-Wolfowitz runs test falls into this category.

Samples of various sizes from distributions with various means and variances were drawn from three continuous distributions by a computer sampling technique. The actual parameter selections and results are tabulated in Appendix E. The sampling process used antithetic variables and was repeated 5000 times during each computer run to allow reasonable estimation of the mean percentages of rejection of the null hypothesis.

Tests were not conducted comparing one distribution shape against another. These tests were not included because of computer time limitations. However, the tests between distributions of like shape indicates an inability of the Wald-Wolfowitz runs test to reject "large" shape differences with samples of small size (e.g. uniform or normal distributions with sample sizes 10 tabulated in Appendix E.)

Comparing the simulation type I error rate with the values available in Ostle [Ref. 7] and Siegel [Ref. 8] provided some unexpected results. Instructions provided with these tables clearly state a .05 significance level; however, against the Wald-Wolfowitz runs test they actually provide

a .025 significance level. This discrepancy arises because the Wald-Wolfowitz test is a one-tailed test, whereas the runs test used to test randomness in sampling procedures is a two-tailed test. The same table cannot provide a .05 significance level to both a one-tailed and two-tailed test. It is therefore necessary to exercise utmost care when using many published tables because of the significance level error.

As a result of this error in published tables and the fact that it is not possible to obtain a conservative estimate of the number of runs by the normal approximation, a table for the critical number of runs to sample size 50 for a .05 significance level is provided in Appendix A. In addition, an extensive probability table for the actual number of runs or less is provided in Appendix B. From this table it is possible to determine the exact probability that a specified number of runs will be encountered during sampling. By using the table in Appendix B, it is also possible to construct tables for any desired significance level.

In conclusion, the Wald-Wolfowitz runs test fails to provide a rejection for samples of small size from what intuitively seem to be quite different distributions. As sample size is increased, the power of the test increases considerably as can be seen by comparing the values shown in Appendix E.

APPENDIX A
TABLE OF CRITICAL VALUES OF RUNS
(.05 SIGNIFICANCE LEVEL)

N1	N2																		
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
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12																			
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14																			
15																			
16																			
17																			
18																			
19																			
20																			

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1	N2																			
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1	N2																			
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				
32																				
33																				
34																				
35																				
36																				
37																				
38																				
39																				
40																				

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1	N2									
	41	42	43	44	45	46	47	48	49	50
2	3	3	3	3	3	3	3	3	3	3
3	4	4	4	4	4	4	4	4	4	4
4	6	6	6	6	6	6	6	6	6	6
5	6	6	6	6	6	6	6	6	6	6
6	8	8	8	8	8	8	8	8	8	8
7	9	9	9	9	9	9	9	9	9	9
8	10	10	10	10	10	10	10	10	10	10
9	11	11	11	11	11	11	11	11	11	11
10	12	12	12	12	12	12	12	12	12	12
11	13	13	13	13	13	13	13	13	13	13
12	14	14	14	14	14	14	14	14	14	14
13	15	15	15	15	15	15	15	15	15	15
14	16	16	16	16	16	16	16	16	16	16
15	17	17	17	17	17	17	17	17	17	17
16	18	18	18	18	18	18	18	18	18	18
17	19	19	19	19	19	19	19	19	19	19
18	20	20	20	20	20	20	20	20	20	20
19	21	21	21	21	21	21	21	21	21	21
20	22	22	22	22	22	22	22	22	22	22

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1	N2									
	41	42	43	44	45	46	47	48	49	50
21	22	22	22	23	23	23	23	24	24	24
22	23	23	23	24	24	24	24	25	25	25
23	24	24	24	25	25	25	25	26	26	26
24	25	25	25	26	26	26	26	27	27	27
25	26	26	26	27	27	27	27	28	28	28
26	27	27	27	28	28	28	28	29	29	29
27	28	28	28	29	29	29	29	30	30	30
28	29	29	29	30	30	30	30	31	31	31
29	30	30	30	31	31	31	31	32	32	32
30	31	31	31	32	32	32	32	33	33	33
31	32	32	32	33	33	33	33	34	34	34
32	33	33	33	34	34	34	34	35	35	35
33	34	34	34	35	35	35	35	36	36	36
34	35	35	35	36	36	36	36	37	37	37
35	36	36	36	37	37	37	37	38	38	38
36	37	37	37	38	38	38	38	39	39	39
37	38	38	38	39	39	39	39	40	40	40
38	39	39	39	40	40	40	40	41	41	41
39	40	40	40	41	41	41	41	42	42	42
40	41	41	41	42	42	42	42	43	43	43

TABLE OF CRITICAL VALUES OF RUNS (CONTINUED)
(.05 SIGNIFICANCE LEVEL)

N1	N2									
	41	42	43	44	45	46	47	48	49	50
41	34	34	35	35	35	36	36	37	37	37
42	35	35	35	35	36	36	37	37	37	38
43	35	35	35	36	36	37	37	38	38	38
44	35	35	36	36	37	37	38	38	39	39
45	36	36	36	37	37	38	38	39	39	39
46	36	36	37	37	38	38	39	39	40	40
47	36	37	37	38	38	39	39	40	40	40
48	37	37	38	38	39	39	40	40	41	41
49	37	37	38	39	39	40	40	41	41	41
50	37	38	38	39	39	40	40	41	41	42

APPENDIX B

PROBABILITY OF U^* RUNS OR LESS

M = 2

U^*	2	3	4
N			
2	0.33333333	0.66666667	1.00000000
3	0.20000000	0.50000000	0.90000000
4	0.13333333	0.40000000	0.80000000
5	0.09523809	0.33333333	0.71428571
6	0.07142857	0.28571428	0.64285714
7	0.05555556	0.25000000	0.58333333
8	0.04444444	0.22222222	0.53333333
9	0.03636364	0.20000000	0.49090909
10	0.03030303	0.18181818	0.45454545
11	0.02549026	0.16666667	0.42307692
12	0.02197802	0.15384615	0.39560429
13	0.01904762	0.14285714	0.37142857
14	0.01666667	0.13333333	0.35000000
15	0.01470588	0.12500000	0.33088235
16	0.01307189	0.11764706	0.31372549
17	0.01169540	0.11111111	0.29857143
18	0.01052632	0.10526316	0.28421053
19	0.00952381	0.10000000	0.27142857
20	0.00865809	0.09523809	0.25974026
21	0.00790513	0.09090909	0.24901189
22	0.00724637	0.08695652	0.23913043
23	0.00666667	0.08333333	0.23000000
24	0.00615385	0.08000000	0.22153846
25	0.00569806	0.07692308	0.21367521
26	0.00529105	0.07407407	0.20634920
27	0.00492610	0.07142857	0.19950738
28	0.00459701	0.06895652	0.19310344
29	0.00430107	0.06666667	0.18705677
30	0.00403226	0.06451613	0.18145161
31	0.00378789	0.06250000	0.17613636
32	0.00356062	0.06060606	0.17112299
33	0.00336134	0.05882353	0.16638655
34	0.00317460	0.05714286	0.16190476
35	0.00300300	0.05555556	0.15765766
36	0.00284495	0.05405405	0.15362732
37	0.00269905	0.05263158	0.14979757
38	0.00256403	0.05128205	0.14615384
39	0.00243902	0.05000000	0.14268297
40	0.00232288	0.04878049	0.13937282
41	0.00221483	0.04761905	0.13621262
42	0.00211465	0.04651163	0.13319238
43	0.00202020	0.04545455	0.13030303
44	0.00193237	0.04444444	0.12753623
45	0.00185013	0.04347826	0.12488436
46	0.00177305	0.04255319	0.12234042
47	0.00170068	0.04166667	0.11989795
48	0.00163253	0.04081633	0.11755102
49	0.00156867	0.04000000	0.11529418
50	0.00150826	0.03921569	0.11312217

P($U \leq U^*$) (CONTINUED)

M = 3

U^*	2	3	4	5	6
N					
3	0.10000000	0.30000000	0.70000000	0.90000000	1.00000000
4	0.05714286	0.20000000	0.54285714	0.80000000	0.97142857
5	0.03571429	0.14285714	0.42857143	0.71428571	0.92857143
6	0.02380952	0.10714286	0.36523809	0.64285714	0.88095238
7	0.01666667	0.08333333	0.33333333	0.58333333	0.83333333
8	0.01212121	0.06666667	0.23636364	0.53333333	0.78787879
9	0.00909091	0.05454545	0.20000000	0.49090909	0.74545455
10	0.00695037	0.04545455	0.17378671	0.45454545	0.70629370
11	0.00549451	0.03846154	0.14851168	0.42307692	0.67032967
12	0.00439562	0.03296703	0.12967033	0.39560430	0.63736237
13	0.00357143	0.02857143	0.11428571	0.37142857	0.60714286
14	0.00296117	0.02500000	0.10147059	0.35000000	0.57941177
15	0.00245098	0.02205882	0.09066667	0.33088235	0.55392156
16	0.00206398	0.01960784	0.08152734	0.31372549	0.53044376
17	0.00175486	0.01753960	0.07468421	0.29857143	0.50877193
18	0.00150379	0.01578947	0.06691729	0.28421053	0.48872180
19	0.00129810	0.01428571	0.06103896	0.27142857	0.47012987
20	0.00112930	0.01298701	0.05590621	0.25974026	0.45285149
21	0.00098814	0.01185708	0.05138339	0.24901189	0.43675893
22	0.00086956	0.01086956	0.04739130	0.23913043	0.42173913
23	0.00076923	0.01000000	0.04384615	0.23000000	0.40769230
24	0.00068376	0.00923077	0.04068376	0.22153846	0.39452991
25	0.00061050	0.00854700	0.03785103	0.21367521	0.38217382
26	0.00054734	0.00793650	0.03530377	0.20634920	0.37055281
27	0.00049261	0.00738918	0.03300492	0.19950738	0.35960591
28	0.00044499	0.00689652	0.03092324	0.19310344	0.34927697
29	0.00040322	0.00645161	0.02903225	0.18705677	0.33951612
30	0.00036656	0.00604838	0.02730938	0.18145161	0.33027852
31	0.00033425	0.00568181	0.02573529	0.17613636	0.32152404
32	0.00030577	0.00534754	0.02429335	0.17112299	0.31321619
33	0.00028011	0.00504201	0.02296918	0.16638655	0.30532212
34	0.00025740	0.00476190	0.02175032	0.16190476	0.29781209
35	0.00023707	0.00450470	0.02062586	0.15765766	0.29065908
36	0.00021884	0.00426725	0.01958638	0.15362732	0.28388494
37	0.00020249	0.00404838	0.01862348	0.14979757	0.27732793
38	0.00018767	0.00384615	0.01771593	0.14615384	0.27110694
39	0.00017416	0.00365853	0.01689895	0.14268297	0.26515679
40	0.00016206	0.00348432	0.01612511	0.13937282	0.25946033
41	0.00015102	0.00332259	0.01547862	0.13621262	0.25400189
42	0.00014094	0.00317147	0.01478682	0.13319238	0.24876637
43	0.00013175	0.00303030	0.01407497	0.13030303	0.24374176
44	0.00012343	0.00289855	0.01335061	0.12753623	0.23891458
45	0.00011544	0.00277520	0.01261997	0.12488436	0.23427382
46	0.00010854	0.00265974	0.01192494	0.12234042	0.22980894
47	0.00010204	0.00255120	0.01133877	0.11989795	0.22551020
48	0.00009598	0.00244880	0.01076591	0.11755102	0.22136857
49	0.00009048	0.00235291	0.01020472	0.11529418	0.21735266
50	0.00008537	0.00226244	0.01062921	0.11312217	0.21352343

P(U ≤ U*) (CONTINUED)

N = 4

N	1	2	3	4	5	6
4	0.028571429	0.114285714	0.371428571	0.628571429	0.885714286	0.885714286
5	0.015873016	0.071428571	0.261904762	0.500000000	0.785714286	0.785714286
6	0.009523810	0.047619048	0.190476190	0.404761905	0.690476190	0.690476190
7	0.006360606	0.033333333	0.142857143	0.333333333	0.606060606	0.606060606
8	0.004060406	0.024242424	0.105000000	0.276787879	0.533333333	0.533333333
9	0.002797203	0.018181818	0.085314685	0.236363636	0.471328671	0.471328671
10	0.001998902	0.013986014	0.067932068	0.202797203	0.418581419	0.418581419
11	0.001465201	0.010989011	0.054945055	0.175824176	0.375626314	0.375626314
12	0.001098901	0.008791209	0.045054945	0.153846154	0.335164835	0.335164835
13	0.000840336	0.007142857	0.037394958	0.135714286	0.302100840	0.302100840
14	0.000653595	0.005882353	0.031372549	0.120588235	0.275599412	0.275599412
15	0.000515996	0.004901961	0.026573787	0.107865137	0.248710010	0.248710010
16	0.000412797	0.004127967	0.022703818	0.097007224	0.227038184	0.227038184
17	0.000334165	0.003508772	0.019548872	0.087192988	0.208020050	0.208020050
18	0.000273411	0.003007519	0.016951470	0.079699248	0.191250854	0.191250854
19	0.000225861	0.002597403	0.014793902	0.072727273	0.176397516	0.176397516
20	0.000188218	0.002258611	0.012987013	0.066629023	0.163184641	0.163184641
21	0.000158103	0.001976285	0.011462451	0.061264822	0.151381399	0.151381399
22	0.000131779	0.001758130	0.010167224	0.056521759	0.140802676	0.140802676
23	0.000113940	0.001538462	0.009059829	0.052307692	0.131282051	0.131282051
24	0.000097680	0.001367521	0.008107648	0.048547009	0.122686203	0.122686203
25	0.000084207	0.001210014	0.007283904	0.045177294	0.114900425	0.114900425
26	0.000072979	0.001094691	0.006568144	0.042145594	0.107827039	0.107827039
27	0.000063563	0.000985222	0.005943111	0.039408867	0.101352488	0.101352488
28	0.000056177	0.000898878	0.005394883	0.036979922	0.095444994	0.095444994
29	0.000050486	0.000806452	0.004912023	0.034677419	0.090102839	0.090102839
30	0.000045126	0.000733138	0.004485078	0.032464633	0.085151803	0.085151803
31	0.000040181	0.000668449	0.004106188	0.030748663	0.080595875	0.080595875
32	0.000035393	0.000611154	0.003768780	0.029079794	0.076394194	0.076394194
33	0.000031282	0.000560224	0.003467333	0.027450980	0.072511167	0.072511167
34	0.000027995	0.000514801	0.003197182	0.025997426	0.068915532	0.068915532
35	0.000024316	0.000474158	0.002954371	0.024656235	0.065519750	0.065519750
36	0.000021184	0.000437685	0.002735529	0.023416129	0.062479484	0.062479484
37	0.000018749	0.000404858	0.002537770	0.022267206	0.059593167	0.059593167
38	0.000016868	0.000375235	0.002359617	0.021200750	0.056901635	0.056901635
39	0.000015206	0.000348432	0.002195932	0.020209059	0.054387813	0.054387813
40	0.000013713	0.000324123	0.002047867	0.019285309	0.052036449	0.052036449
41	0.000012342	0.000302024	0.001912816	0.018423477	0.049833887	0.049833887
42	0.000011125	0.000281850	0.001789360	0.017618041	0.047767871	0.047767871
43	0.000010121	0.000263595	0.001676358	0.016864255	0.045827376	0.045827376
44	0.000009279	0.000246685	0.001572618	0.016157879	0.044002467	0.044002467
45	0.000008499	0.000231267	0.001477279	0.015494912	0.042284186	0.042284186
46	0.000007864	0.000217108	0.001389452	0.014871506	0.040664351	0.040664351
47	0.000007300	0.000204082	0.001308523	0.014285714	0.039135654	0.039135654
48	0.000006810	0.000192077	0.001233724	0.013733453	0.037691384	0.037691384
49	0.000006384	0.000180995	0.001164518	0.013212670	0.036325453	0.036325453
50	0.000006024	0.000170750	0.001100392	0.012720908	0.035032300	0.035032300

P(U ≤ U*) (CONTINUED)

N = 4

N	7	8
4	0.071428571	1.000000000
5	0.028571429	0.992063492
6	0.009523810	0.976190476
7	0.006360606	0.954545455
8	0.004060406	0.929292929
9	0.002797203	0.902097902
10	0.001998902	0.874125874
11	0.001465201	0.846153846
12	0.001098901	0.818681319
13	0.000840336	0.792016807
14	0.000653595	0.766339869
15	0.000515996	0.741744066
16	0.000412797	0.718266256
17	0.000334165	0.695906423
18	0.000273411	0.674641148
19	0.000225861	0.654432524
20	0.000188218	0.635234331
21	0.000158103	0.616996047
22	0.000131779	0.599665552
23	0.000113940	0.583190883
24	0.000097680	0.567521368
25	0.000084207	0.552608311
26	0.000072979	0.538405400
27	0.000063563	0.524868902
28	0.000056177	0.511957731
29	0.000050486	0.499633431
30	0.000045126	0.487860100
31	0.000040181	0.476604278
32	0.000035393	0.465834819
33	0.000031282	0.455522750
34	0.000027995	0.445641130
35	0.000024316	0.436164910
36	0.000021184	0.427070095
37	0.000018749	0.418337119
38	0.000016868	0.409943715
39	0.000015206	0.401871809
40	0.000013713	0.394101911
41	0.000012342	0.386623712
42	0.000011125	0.379416000
43	0.000010121	0.372466571
44	0.000009279	0.365762154
45	0.000008499	0.359290340
46	0.000007864	0.353039514
47	0.000007300	0.346998800
48	0.000006810	0.341158002
49	0.000006384	0.335507556
50	0.000006024	0.330038482

P(U ≤ U*) (CONTINUED)

M = 5

N	0	1	2	3	4	5	6
5	0.007336508	0.0079682540	0.166666667	0.357142857	0.642857143		
6	0.005329004	0.005809524	0.110389610	0.261904762	0.521645022		
7	0.002525253	0.015181515	0.075757576	0.196969697	0.424242424		
8	0.001584002	0.010101010	0.053613054	0.151515152	0.347319347		
9	0.000999001	0.006993007	0.038961039	0.118881119	0.286713287		
10	0.000666001	0.004995005	0.028971029	0.094905095	0.238761239		
11	0.000457875	0.003663004	0.021978022	0.076923077	0.200549451		
12	0.000323206	0.002747253	0.016968326	0.063186813	0.168844861		
13	0.000233427	0.002100840	0.013305322	0.052521008	0.144957983		
14	0.000171999	0.001633987	0.010577915	0.044117647	0.124613003		
15	0.000128999	0.001289980	0.008513932	0.037409701	0.107843137		
16	0.000088285	0.001031492	0.006929087	0.031991744	0.093911249		
17	0.000075947	0.000835422	0.005696058	0.027568922	0.082251082		
18	0.000059427	0.000685577	0.004725252	0.023992445	0.072424143		
19	0.000047054	0.000564653	0.003952569	0.020692151	0.064088086		
20	0.000037644	0.000470544	0.003331451	0.018351214	0.056973461		
21	0.000030404	0.000395257	0.002876937	0.016205534	0.050866525		
22	0.000024774	0.000334468	0.002454599	0.014381271	0.045596433		
23	0.000020350	0.000284400	0.002075702	0.012820513	0.041025641		
24	0.000016841	0.000244200	0.001793609	0.011477411	0.037042651		
25	0.000014334	0.000210517	0.001557829	0.010315355	0.033556482		
26	0.000011771	0.000182448	0.001359535	0.009304871	0.030492434		
27	0.000009932	0.000158907	0.001191800	0.008422056	0.027788813		
28	0.000008227	0.000139041	0.001049146	0.007647386	0.025394378		
29	0.000006788	0.000122190	0.000927704	0.006964689	0.023266345		
30	0.000005616	0.000107814	0.000822470	0.006361049	0.021368811		
31	0.000004705	0.000095493	0.000732111	0.005825057	0.019671505		
32	0.000004058	0.000084882	0.000653824	0.005347672	0.018168783		
33	0.000003598	0.000075706	0.000585725	0.004920887	0.016778831		
34	0.000003174	0.000067737	0.000526264	0.004538373	0.015543016		
35	0.000002809	0.000060790	0.000474158	0.004194478	0.014425357		
36	0.000002469	0.000054711	0.000428344	0.003884474	0.013412099		
37	0.000002151	0.000049373	0.000387930	0.003604226	0.012491360		
38	0.000001878	0.000044671	0.000352172	0.003350308	0.011652140		
39	0.000001642	0.000040440	0.000320440	0.003119198	0.010887581		
40	0.000001437	0.000036832	0.000292202	0.002909739	0.010187770		
41	0.000001259	0.000033558	0.000267006	0.002718212	0.009546571		
42	0.000001104	0.000030640	0.000244459	0.002543126	0.008957983		
43	0.000000968	0.000028032	0.000224259	0.002383754	0.008416730		
44	0.000000849	0.000025696	0.000206095	0.002235584	0.007918153		
45	0.000000744	0.000023594	0.000189734	0.002100285	0.007458136		
46	0.000000651	0.000021711	0.000174964	0.001975684	0.007033026		
47	0.000000570	0.000020008	0.000161603	0.001860744	0.006639579		
48	0.000000502	0.000018459	0.000149494	0.001754548	0.006274905		
49	0.000000445	0.000017075	0.000138498	0.001655278	0.005938424		
50	0.000000395	0.000015810	0.000128494	0.001565212	0.005621829		

P(U ≤ U*) (CONTINUED)

M = 5

N	0	7	8	9	10
5	0.833333333	0.960317460	0.992063492	1.000000000	
6	0.730605238	0.911554111	0.976190476	0.997813498	
7	0.651515152	0.853535354	0.954545455	0.992424242	
8	0.575757576	0.793317793	0.929292929	0.983682984	
9	0.510494940	0.734265734	0.902097902	0.972079792	
10	0.454545455	0.676321678	0.874125874	0.958041958	
11	0.406593407	0.626373626	0.846153846	0.942307692	
12	0.365384615	0.578700711	0.818681319	0.925339367	
13	0.329831933	0.535247432	0.792016807	0.907563025	
14	0.299010608	0.495786034	0.766339869	0.889318895	
15	0.272187822	0.460010320	0.741744066	0.870872033	
16	0.248710010	0.427588579	0.718266254	0.852425181	
17	0.228070175	0.398192451	0.695906433	0.834130781	
18	0.209842789	0.371511783	0.674641148	0.816101519	
19	0.193675889	0.347261434	0.654432524	0.798418972	
20	0.179277244	0.325183512	0.635234331	0.781140594	
21	0.166403162	0.305047127	0.616996041	0.764307260	
22	0.154849498	0.286646848	0.599665552	0.747737570	
23	0.144444444	0.269800570	0.583170883	0.732051282	
24	0.135062735	0.254367185	0.567121368	0.716951930	
25	0.126520989	0.240144275	0.552608311	0.701738874	
26	0.118773946	0.227065935	0.538405400	0.687306884	
27	0.111711425	0.215000995	0.524688902	0.673447370	
28	0.105255840	0.203850234	0.511957721	0.659844328	
29	0.099340176	0.193526824	0.499633431	0.646800069	
30	0.093906351	0.183952907	0.487860100	0.634185786	
31	0.088903745	0.175099418	0.476606278	0.621901979	
32	0.084288261	0.166784814	0.465834819	0.610203787	
33	0.080021198	0.159074156	0.455522750	0.598806237	
34	0.076085500	0.151878310	0.445641130	0.587784430	
35	0.072400336	0.145153250	0.436164910	0.577123682	
36	0.068990043	0.138859458	0.427070795	0.566809626	
37	0.065814160	0.132961390	0.418337112	0.556828281	
38	0.062841782	0.127427026	0.409943712	0.547166107	
39	0.060084272	0.122227461	0.401871809	0.537810035	
40	0.057494972	0.117336561	0.394103911	0.528747486	
41	0.055068962	0.112730658	0.386623712	0.519966383	
42	0.052792842	0.108388274	0.379416000	0.511455149	
43	0.050654557	0.104289892	0.372466571	0.503202702	
44	0.048643210	0.100417750	0.365782144	0.495198444	
45	0.046749042	0.096755650	0.359290340	0.487432272	
46	0.044963092	0.093288805	0.353039514	0.479869451	
47	0.043277311	0.090003644	0.346998800	0.472575953	
48	0.041684366	0.086887979	0.341158002	0.465464581	
49	0.040177580	0.083930169	0.335507556	0.458561712	
50	0.038750866	0.081119973	0.330038482	0.451849667	

M = 6 (CONTINUED)

N	2	3	4	5	6
6	0.002164502	0.012987013	0.067099567	0.175324675	0.391774892
7	0.001165501	0.007575758	0.042540793	0.121212121	0.296037296
8	0.000666001	0.004662005	0.027972028	0.086547086	0.226107226
9	0.000399600	0.002997003	0.018981019	0.062937063	0.174825175
10	0.000249750	0.001980002	0.013236763	0.046953047	0.136863137
11	0.000161603	0.001376767	0.009453782	0.033714286	0.108435682
12	0.000137735	0.000949619	0.006895066	0.027634131	0.086888602
13	0.000073714	0.000700280	0.005123102	0.021708683	0.070359723
14	0.000051600	0.000515996	0.003869969	0.017285862	0.057533540
15	0.000036857	0.000366907	0.00256976	0.013931889	0.047471620
16	0.000026805	0.000294855	0.002052228	0.011351909	0.039497139
17	0.000019812	0.000227842	0.001812832	0.009341536	0.033163588
18	0.000014859	0.000178311	0.001441350	0.007756466	0.027651170
19	0.000011253	0.000141163	0.001157538	0.006493506	0.023771880
20	0.000008667	0.000112931	0.000938162	0.005477132	0.020331862
21	0.000006757	0.000091213	0.000766866	0.004651870	0.017469274
22	0.000005309	0.000074322	0.000631735	0.003976217	0.015124469
23	0.000004210	0.000061050	0.000524188	0.003418803	0.013144710
24	0.000003368	0.000050524	0.000437876	0.002955665	0.011477411
25	0.000002768	0.000042103	0.000368066	0.002568313	0.010065451
26	0.000002207	0.000035315	0.000311192	0.002242350	0.008863464
27	0.000001806	0.000029795	0.000264544	0.001966471	0.007835185
28	0.000001487	0.000025181	0.000226078	0.001731722	0.006951546
29	0.000001232	0.000021563	0.000194066	0.001530964	0.006188546
30	0.000001027	0.000018482	0.000167369	0.001358461	0.005527284
31	0.000000860	0.000015915	0.000144960	0.001209575	0.004943558
32	0.000000724	0.000013765	0.000126056	0.001080510	0.004449525
33	0.000000613	0.000011954	0.000110034	0.000968239	0.004008738
34	0.000000521	0.000010421	0.000096355	0.000870159	0.003621319
35	0.000000447	0.000009045	0.000084735	0.000784185	0.003278921
36	0.000000381	0.000008006	0.000074777	0.000708569	0.002977056
37	0.000000323	0.000007053	0.000066104	0.000641846	0.002708624
38	0.000000273	0.000006266	0.000058648	0.000582798	0.002469517
39	0.000000246	0.000005525	0.000052179	0.000530383	0.002256583
40	0.000000214	0.000004911	0.000046547	0.000483729	0.002065909
41	0.000000186	0.000004377	0.000041630	0.000442092	0.001894935
42	0.000000163	0.000003913	0.000037322	0.000404840	0.001741249
43	0.000000143	0.000003504	0.000033539	0.000371429	0.001602853
44	0.000000126	0.000003146	0.000030206	0.000341395	0.001477908
45	0.000000111	0.000002854	0.000027263	0.000314535	0.001364896
46	0.000000098	0.000002554	0.000024658	0.000289903	0.001262469
47	0.000000087	0.000002309	0.000022346	0.000267799	0.001169466
48	0.000000077	0.000002091	0.000020299	0.000247762	0.001084865
49	0.000000068	0.000001897	0.000018455	0.000229564	0.001007713
50	0.000000062	0.000001725	0.000016816	0.000213007	0.000937403

PIU ≤ 0.1 (CONTINUED)

N	7	8	9	10	11
6	0.608225104	0.824675325	0.932603433	0.987012987	0.997835498
7	0.500000000	0.733100233	0.878787879	0.960000465	0.992424242
8	0.412587413	0.645687646	0.820512821	0.937062937	0.983682984
9	0.342657343	0.566433566	0.762237762	0.902097902	0.972027972
10	0.286713287	0.496503497	0.706293706	0.863636364	0.958041958
11	0.241758242	0.435681965	0.653846154	0.823529412	0.942307692
12	0.205397544	0.383160957	0.605365223	0.783128616	0.925339367
13	0.175770308	0.337640449	0.560924370	0.743385767	0.907563025
14	0.151444788	0.299019608	0.520381337	0.704650361	0.889318885
15	0.131320949	0.265479876	0.483688132	0.667956656	0.870872033
16	0.114551384	0.236513744	0.449948400	0.632892361	0.852425181
17	0.100678469	0.211427779	0.419457735	0.599975036	0.841307881
18	0.088591043	0.194634164	0.391720408	0.568545871	0.816101515
19	0.078486731	0.170638058	0.366459627	0.539243365	0.798418972
20	0.069847544	0.154024237	0.343421796	0.511775181	0.781140596
21	0.062462189	0.139446613	0.322577622	0.486056455	0.764305260
22	0.056001486	0.126607204	0.303121516	0.461984392	0.747937570
23	0.050427350	0.115266726	0.285470085	0.439463602	0.732051282
24	0.045564397	0.105216622	0.269262242	0.418390805	0.716651930
25	0.041303524	0.096282535	0.254441125	0.398661085	0.701738874
26	0.037554955	0.088316825	0.240602433	0.380197574	0.687306884
27	0.034244399	0.081164811	0.227911466	0.362892391	0.673447373
28	0.031310041	0.074807576	0.216174517	0.346667123	0.659869328
29	0.028700150	0.069065896	0.205202155	0.331442988	0.646800069
30	0.026371399	0.063890806	0.195208725	0.317146880	0.634185786
31	0.024286988	0.059214964	0.186288877	0.303710746	0.621991979
32	0.022415846	0.054980275	0.177096881	0.291072384	0.610203787
33	0.020731479	0.051136463	0.168955776	0.279173843	0.598806237
34	0.019212130	0.047639890	0.161354510	0.267962005	0.587784430
35	0.017839640	0.044452569	0.154247365	0.257387910	0.577123682
36	0.016587981	0.041541344	0.147593135	0.247406585	0.566850626
37	0.015453726	0.038877190	0.141354794	0.237776535	0.556828281
38	0.014420350	0.036436637	0.135465911	0.228500643	0.547166107
39	0.013476880	0.034191277	0.129995245	0.220620843	0.537810035
40	0.012613781	0.032127342	0.124816760	0.212627788	0.528747486
41	0.011822690	0.030235355	0.119798370	0.205050711	0.519966383
42	0.011096269	0.028464841	0.115337702	0.197862111	0.511551449
43	0.010428055	0.026847035	0.110994304	0.191036839	0.503202702
44	0.009812343	0.025344698	0.106669564	0.184551341	0.495148449
45	0.009244086	0.023951912	0.103006475	0.178496083	0.487432722
46	0.008718807	0.022658916	0.099324419	0.172515094	0.479894511
47	0.008232524	0.021456972	0.095584462	0.166925900	0.472575953
48	0.007781690	0.020332137	0.091954880	0.161546386	0.465467813
49	0.007363139	0.019295563	0.088399243	0.156319652	0.458561712
50	0.006974035	0.018322903	0.084616112	0.151672104	0.451844667

PI ≤ U* (CONTINUED)

M = 6

U*	
N	12
6	1.000000000
7	0.999417249
8	0.997668998
9	0.994405594
10	0.989510490
11	0.983031674
12	0.975113122
13	0.965944272
14	0.955727554
15	0.944659443
16	0.932920537
17	0.920671243
18	0.908050759
19	0.895177866
20	0.882152630
21	0.869058478
22	0.855964326
23	0.842926514
24	0.829951158
25	0.817144794
26	0.804564803
27	0.792130145
28	0.779901506
29	0.767897189
30	0.756123857
31	0.744589175
32	0.733297126
33	0.722250471
34	0.711449101
35	0.700892361
36	0.690578304
37	0.680504109
38	0.670666259
39	0.661060692
40	0.651682925
41	0.642528158
42	0.633591362
43	0.624867347
44	0.61635087
45	0.608036443
46	0.599918855
47	0.591992119
48	0.584252143
49	0.576693702
50	0.569310453

PIU ≤ U* (CONTINUED)

M = 7

U*		2	3	4	5	6
N						
7	0.000582751	0.000479254	0.025058275	0.077507828	0.208624709	
8	0.000310800	0.002331002	0.015384615	0.051282051	0.149184149	
9	0.000174825	0.001398601	0.009790210	0.034465035	0.108391608	
10	0.000102838	0.000874126	0.006427396	0.024475524	0.080008277	
11	0.000062846	0.000565611	0.004336350	0.017533937	0.059954751	
12	0.000034692	0.000377074	0.002996745	0.012820513	0.045566405	
13	0.000024800	0.000257998	0.002115593	0.009545924	0.035087719	
14	0.000017200	0.000180399	0.001522138	0.007223942	0.027547781	
15	0.000011727	0.000128999	0.001114084	0.005546956	0.021554555	
16	0.000008158	0.000093817	0.000823041	0.004315802	0.017164511	
17	0.000005779	0.000064343	0.000624090	0.003397823	0.013700320	
18	0.000004161	0.000052007	0.000476489	0.002704389	0.011192012	
19	0.000003040	0.000039526	0.000367867	0.002173913	0.009151718	
20	0.000002252	0.000030404	0.000287152	0.001764544	0.007540286	
21	0.000001689	0.000023648	0.000226344	0.001444519	0.006256545	
22	0.000001281	0.000018580	0.000180238	0.001189149	0.005225592	
23	0.000000982	0.000014736	0.000144415	0.000973277	0.004391394	
24	0.000000761	0.000011789	0.000116746	0.000825278	0.003711626	
25	0.000000594	0.000009507	0.000095372	0.000694320	0.003154027	
26	0.000000468	0.000007725	0.000077349	0.000587071	0.002693790	
27	0.000000372	0.000006335	0.000064117	0.000499247	0.002311689	
28	0.000000247	0.000005205	0.000053387	0.000426796	0.001992737	
29	0.000000140	0.000004313	0.000044563	0.000365569	0.001725033	
30	0.000000094	0.000003594	0.000037395	0.000316256	0.001499300	
31	0.000000058	0.000003011	0.000031537	0.000274004	0.001308056	
32	0.000000030	0.000002536	0.000026721	0.000238347	0.001145314	
33	0.0000000107	0.000002146	0.000022742	0.000208115	0.001006246	
34	0.000000089	0.000001824	0.000019438	0.000182369	0.000889934	
35	0.000000074	0.000001557	0.000016680	0.000160351	0.000784185	
36	0.000000062	0.000001334	0.000014368	0.000141447	0.000695383	
37	0.000000052	0.000001148	0.000012422	0.000125155	0.000618367	
38	0.000000044	0.000000992	0.000010776	0.000111063	0.000551349	
39	0.000000037	0.000000859	0.000009379	0.000094883	0.000493857	
40	0.000000032	0.000000747	0.000008149	0.000088184	0.000441653	
41	0.000000027	0.000000652	0.000007171	0.000078882	0.000396691	
42	0.000000023	0.000000570	0.000006348	0.000070733	0.000357110	
43	0.000000020	0.000000501	0.000005544	0.000063573	0.000322172	
44	0.000000017	0.000000441	0.000004897	0.000057266	0.000291254	
45	0.000000015	0.000000389	0.000004335	0.000051695	0.000263827	
46	0.000000013	0.000000344	0.000003847	0.000046762	0.000239449	
47	0.000000011	0.000000305	0.000003426	0.000042383	0.000217707	
48	0.000000010	0.000000271	0.000003050	0.000038467	0.000198297	
49	0.000000009	0.000000241	0.000002725	0.000035012	0.000180926	
50	0.000000008	0.000000216	0.000002440	0.000031908	0.000165349	

PIU S U' (CONTINUED)

N = 7

N	0	1	2	3	4	5	6	7	8	9	10	11
7	0.383449883	0.616550117	0.701375291	0.922494172	0.974541725							
8	0.296037296	0.513597514	0.703962704	0.867112867	0.948717949							
9	0.230769231	0.425734277	0.622377622	0.805944056	0.916083916							
10	0.181818182	0.355865900	0.548951049	0.743315508	0.879370629							
11	0.144796380	0.295625943	0.484162896	0.682126697	0.840497738							
12	0.116515837	0.247499405	0.427601810	0.624071161	0.800906977							
13	0.096085243	0.208204334	0.378482972	0.570046440	0.761609907							
14	0.077657379	0.176040592	0.335913113	0.520381837	0.725297214							
15	0.064241486	0.149615349	0.299019608	0.475103199	0.686403509							
16	0.053569753	0.127807895	0.267004409	0.434040227	0.651186791							
17	0.045003814	0.109724245	0.239165106	0.396921157	0.617779627							
18	0.038069482	0.094653630	0.214894945	0.363428334	0.586228417							
19	0.032411067	0.082031012	0.193675849	0.332731985	0.556521739							
20	0.027765197	0.071406371	0.175068410	0.306009432	0.528610520							
21	0.023907976	0.062420189	0.158700720	0.281458357	0.502422215							
22	0.020698625	0.054784146	0.144258640	0.259297274	0.477870680							
23	0.018007463	0.047766038	0.131476569	0.239272031	0.454862953							
24	0.015738285	0.042677999	0.120129679	0.221153608	0.433303861							
25	0.013814019	0.037867336	0.110072786	0.204737220	0.413099075							
26	0.012174021	0.033709259	0.101007242	0.187840564	0.394157088							
27	0.010764165	0.030309277	0.092891340	0.176301803	0.376390834							
28	0.009561277	0.026960289	0.085681952	0.163977503	0.359716381							
29	0.008517351	0.024215111	0.079157323	0.152740642	0.344057271							
30	0.007611195	0.021808298	0.073277065	0.142478752	0.329340607							
31	0.006822999	0.019691201	0.067946958	0.133097229	0.315498988							
32	0.006133632	0.017823426	0.063121382	0.124472806	0.302469934							
33	0.005528977	0.016170712	0.058737709	0.116602194	0.290195649							
34	0.004969000	0.014709241	0.054747055	0.109350883	0.278622752							
35	0.004527189	0.013399496	0.051106800	0.102677082	0.267701987							
36	0.004111300	0.012235651	0.047775684	0.096525758	0.257387930							
37	0.003740911	0.011149289	0.044713053	0.090847957	0.247638709							
38	0.003413206	0.010262096	0.041938209	0.085559879	0.238415725							
39	0.003115000	0.009474064	0.039369876	0.080742379	0.229683391							
40	0.002826135	0.008798801	0.036826202	0.076240447	0.221408890							
41	0.002570483	0.008173761	0.034281234	0.072062677	0.213561947							
42	0.002321856	0.007615870	0.031951780	0.068456943	0.206114617							
43	0.002094165	0.007099449	0.029822787	0.065162053	0.199041092							
44	0.001890173	0.006649973	0.027628858	0.062061666	0.192317519							
45	0.001748752	0.006310405	0.026133944	0.059142002	0.185921843							
46	0.001620300	0.006048840	0.024793084	0.056405853	0.179833652							
47	0.001507417	0.005829629	0.023477377	0.054098461	0.174034047							
48	0.001396877	0.005638008	0.022278794	0.051744867	0.168505486							
49	0.001299601	0.005468704	0.021140120	0.049570187	0.163231737							
50												

PIU S U' (CONTINUED)

N = 7

N	12	13	14
7	0.995920746	0.999417249	1.000000000
8	0.987878788	0.997668998	0.999844600
9	0.974825175	0.994005594	0.999300699
10	0.957116413	0.989510490	0.998148910
11	0.935520362	0.983031674	0.996229261
12	0.910931174	0.975113122	0.993450822
13	0.884210526	0.965044272	0.989781822
14	0.856114551	0.952775554	0.984242518
15	0.827270382	0.944659443	0.979876161
16	0.798176310	0.932920537	0.973751514
17	0.769225415	0.920671243	0.966966351
18	0.740703141	0.908050759	0.959542334
19	0.712824567	0.895177866	0.951620553
20	0.685740347	0.882152630	0.943258614
21	0.659552042	0.869058478	0.934529239
22	0.634323223	0.855964326	0.925468789
23	0.610088417	0.842924614	0.916227327
24	0.586860234	0.829991158	0.906749345
25	0.564634970	0.817194794	0.897172072
26	0.543396984	0.804566803	0.887477856
27	0.523122066	0.792130145	0.877231614
28	0.503780195	0.779902506	0.867541504
29	0.485337243	0.767897188	0.858159393
30	0.467756706	0.756123897	0.848401317
31	0.451001152	0.744589175	0.838687900
32	0.435032209	0.733297328	0.829036749
33	0.419812096	0.722250471	0.819462836
34	0.405305335	0.711449101	0.810047866
35	0.391470665	0.700892361	0.800859490
36	0.378278267	0.690578304	0.791320252
37	0.365692909	0.680504104	0.781515189
38	0.353687534	0.670666259	0.771474445
39	0.342216600	0.661060692	0.761216134
40	0.331266091	0.651682925	0.750746497
41	0.320835500	0.642528158	0.740079770
42	0.310802800	0.633591362	0.730279544
43	0.301239393	0.624861347	0.720990490
44	0.292099061	0.616350822	0.711666282
45	0.283332905	0.608036443	0.701555043
46	0.274947283	0.599918955	0.700600667
47	0.266913747	0.591992714	0.697772386
48	0.259211979	0.584276743	0.690079318
49	0.251830722	0.576693702	0.687520277
50	0.244747756	0.569310453	0.675093840

CONTINUED

M - e					
	1	2	3	4	5
8	0.00015400	0.00012431	0.00088578	0.00170163	0.00023310
9	0.00008271	0.00004901	0.00030648	0.00027970	0.00088547
10	0.00014576	0.00011141	0.00039087	0.00133688	0.00049266
11	0.00003242	0.00001541	0.00021036	0.00040477	0.00040557
12	0.00001577	0.00000878	0.00011811	0.00027133	0.00046003
13	0.00000426	0.00000319	0.00002873	0.00004376	0.00059554
14	0.00000044	0.00000079	0.00000474	0.00001491	0.00044038
15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

CONTINUED

M - R					
	1	2	3	4	5
8	0.14452214	0.40681740	0.54518755	0.78554778	0.89076690
9	0.15714657	0.11893172	0.50000000	0.70156314	0.84265714
10	0.11703029	0.15140545	0.41937474	0.62093788	0.78218840
11	0.08873579	0.14537267	0.35187329	0.54867780	0.72111945
12	0.06739699	0.14005637	0.26612442	0.47099527	0.66337231
13	0.05211558	0.12779476	0.24077390	0.41052622	0.60835913
14	0.04076367	0.10437173	0.21793497	0.36045304	0.55727552
15	0.03226788	0.08419287	0.18147347	0.32458969	0.51031991
16	0.02573040	0.06603603	0.15547194	0.28556194	0.46744739
17	0.02073352	0.05057739	0.13399406	0.25178550	0.42847230
18	0.01685042	0.04118814	0.11547396	0.22171314	0.39173501
19	0.01351688	0.03455744	0.10044492	0.19571716	0.36114321
20	0.01139140	0.02917504	0.08777402	0.17506410	0.33215827
21	0.00946186	0.02480799	0.07677168	0.15847870	0.30600992
22	0.00771555	0.02138331	0.06756217	0.14314812	0.28230501
23	0.00616077	0.01855848	0.05961269	0.12922024	0.26081123
24	0.00479422	0.01623017	0.05278093	0.11711018	0.24135834
25	0.00349422	0.01436641	0.04657113	0.10660626	0.22367037
26	0.00240929	0.01265761	0.04178411	0.09755015	0.20760718
27	0.00164654	0.01117246	0.03745164	0.08941950	0.19257586
28	0.00110364	0.00980540	0.03344412	0.08237261	0.17863611
29	0.00074067	0.00857076	0.03010177	0.07622899	0.16746736
30	0.00051899	0.00751847	0.02711914	0.07112886	0.15632037
31	0.00037974	0.00662617	0.02441677	0.06637419	0.14612723
32	0.00027494	0.00584167	0.02201613	0.06204307	0.13671700
33	0.00019343	0.00517299	0.02011444	0.05802612	0.12817509
34	0.00013564	0.00462477	0.01844700	0.05461787	0.12027164
35	0.00010037	0.00414873	0.01704511	0.05149171	0.11299139
36	0.00007469	0.00374969	0.01586282	0.04860499	0.10627500
37	0.00005471	0.00342553	0.01494977	0.04591183	0.10007099
38	0.00004083	0.00316237	0.01424349	0.04344208	0.09433213
39	0.00003059	0.00294640	0.01368407	0.04116836	0.08901680
40	0.00002274	0.00277771	0.01318446	0.03912721	0.08407749
41	0.00001694	0.00264400	0.01273163	0.03728694	0.07951007
42	0.00001249	0.00254177	0.01232416	0.03564470	0.07534483
43	0.00000944	0.00246514	0.01195466	0.03418426	0.07159315
44	0.00000724	0.00240919	0.01161947	0.03288426	0.06820184
45	0.00000564	0.00236911	0.01131411	0.03173440	0.06515801
46	0.00000434	0.00234271	0.01103411	0.03072440	0.06234161
47	0.00000334	0.00232774	0.01077471	0.02983440	0.05972447
48	0.00000254	0.00232271	0.01053471	0.02904440	0.05729447
49	0.00000194	0.00232771	0.01031471	0.02834440	0.05504447
50	0.00000144	0.00233271	0.01011471	0.02774440	0.05294447

PIU S (U) (CONTINUED)

M = 8

N	12	13	14	15	16
8	0.468298368	0.941142191	0.998756799	0.999844600	1.000000000
9	0.439407651	0.979720280	0.995845331	0.999306999	0.999958865
10	0.403126285	0.963595228	0.990470314	0.98168910	0.999794323
11	0.361752798	0.943448514	0.98237064	0.99229261	0.999404620
12	0.317408907	0.920100074	0.971445582	0.991450822	0.998690164
13	0.271816525	0.894477245	0.957997936	0.989783222	0.997567448
14	0.228315780	0.867182663	0.942311662	0.985262518	0.995975232
15	0.1881810024	0.839009288	0.924754341	0.979876161	0.993875353
16	0.1538937497	0.810427604	0.905699885	0.973751514	0.991250504
17	0.1209091672	0.781845919	0.885502161	0.966946351	0.988100886
18	0.095942407	0.753576035	0.864480965	0.959542334	0.984393354
19	0.073275326	0.725849802	0.842916118	0.951620553	0.980289855
20	0.053328063	0.698844499	0.821046586	0.943258674	0.975862289
21	0.037721469	0.672666194	0.799072472	0.934529239	0.970651038
22	0.026127375	0.647360935	0.777153600	0.925498789	0.965232768
23	0.0181034768	0.623073873	0.755438426	0.916227527	0.959464933
24	0.012572021	0.599656598	0.734018425	0.906169145	0.953384572
25	0.008555117	0.577262961	0.712981077	0.897117072	0.947028037
26	0.005510662	0.555833642	0.692393024	0.887477856	0.940429453
27	0.00361186	0.53542715	0.672799287	0.877732614	0.933621391
28	0.002466247	0.51576533	0.653745265	0.867941504	0.926834109
29	0.00174371879	0.497110574	0.633723641	0.858159393	0.919445872
30	0.00125811247	0.479231479	0.615279316	0.848460131	0.912232341
31	0.0008534688	0.462764999	0.597409118	0.838837600	0.904863715
32	0.000560683	0.446679065	0.580114254	0.829036749	0.897472049
33	0.0003663840	0.430613467	0.563391290	0.819462806	0.889916345
34	0.000247471	0.415660375	0.547272142	0.809978676	0.882367752
35	0.000164697	0.401747721	0.531639688	0.800694007	0.874792151
36	0.00010320573	0.388372462	0.516569486	0.791320252	0.867203797
37	0.0000640619	0.37540754	0.502038273	0.782161893	0.859615442
38	0.0000404619	0.362838167	0.488116267	0.773115645	0.852038466
39	0.0000257240	0.351494367	0.474502979	0.764316134	0.844482982
40	0.0000167057	0.34040857	0.461467217	0.755436947	0.836957965
41	0.00001070494	0.329740296	0.448467877	0.746790779	0.829471341
42	0.0000067772	0.319526815	0.436777579	0.738279944	0.822030090
43	0.00000420356	0.309755918	0.425090820	0.729904490	0.814640336
44	0.0000025518	0.300434439	0.41381089	0.721666282	0.807307426
45	0.0000016064	0.291506493	0.402962453	0.713565093	0.800016008
46	0.0000009742	0.282873419	0.392466372	0.705600667	0.792830099
47	0.0000005862	0.274653722	0.381356654	0.697772384	0.785693145
48	0.00000034117	0.266773309	0.370494944	0.690075318	0.778628084
49	0.000000208	0.259214379	0.359839447	0.682520377	0.771637392
50	0.00000012921	0.251940260	0.350495954	0.675094850	0.764723133

PIU S (U) (CONTINUED)

M = 9

N	1	2	3	4	5	6
9	0.0000041135	0.000370219	0.033002479	0.012717195	0.044465797	0.000000000
10	0.000077650	0.000205677	0.001764489	0.007610037	0.029433415	0.000000000
11	0.0003011938	0.000119076	0.001071684	0.034482115	0.019885687	0.000000000
12	0.000006404	0.000071446	0.000670228	0.031715041	0.013693737	0.000000000
13	0.000004021	0.000044278	0.000430250	0.021671818	0.009595273	0.000000000
14	0.000002447	0.000028145	0.000282676	0.001491697	0.006816843	0.000000000
15	0.000001530	0.000018156	0.000189674	0.001046268	0.004941771	0.000000000
16	0.000000979	0.000012337	0.000129713	0.000746460	0.003624616	0.000000000
17	0.000000640	0.000008321	0.000092553	0.000540878	0.002691598	0.000000000
18	0.000000427	0.000005761	0.000063796	0.000397497	0.002022478	0.000000000
19	0.000000290	0.000004354	0.000045951	0.000295936	0.001536435	0.000000000
20	0.000000200	0.000003286	0.000032500	0.000222965	0.001170131	0.000000000
21	0.000000140	0.000002497	0.000024463	0.000169845	0.000913539	0.000000000
22	0.000000099	0.000001848	0.000018134	0.000130704	0.000714035	0.000000000
23	0.000000071	0.000001461	0.000014630	0.000101577	0.000562714	0.000000000
24	0.000000053	0.000001156	0.000011307	0.000079576	0.000446935	0.000000000
25	0.000000038	0.000000848	0.000008796	0.000062877	0.000357551	0.000000000
26	0.000000028	0.000000647	0.000006476	0.000048111	0.000288031	0.000000000
27	0.000000021	0.000000485	0.000004801	0.000036015	0.000234174	0.000000000
28	0.000000016	0.000000377	0.000003770	0.000027419	0.000190421	0.000000000
29	0.000000012	0.000000293	0.000002981	0.000022632	0.000156137	0.000000000
30	0.000000009	0.000000218	0.000002174	0.000018152	0.000128830	0.000000000
31	0.000000007	0.000000166	0.000001602	0.000014700	0.000106789	0.000000000
32	0.000000006	0.000000127	0.000001253	0.000011462	0.000088956	0.000000000
33	0.000000004	0.000000094	0.000000942	0.000009121	0.000074444	0.000000000
34	0.000000003	0.000000076	0.000000713	0.000007101	0.000062574	0.000000000
35	0.000000002	0.000000062	0.000000570	0.000005603	0.000052814	0.000000000
36	0.000000002	0.000000051	0.000000463	0.000004716	0.000044763	0.000000000
37	0.000000002	0.000000042	0.000000365	0.000003805	0.000038077	0.000000000
38	0.000000001	0.000000034	0.000000269	0.000003053	0.000032504	0.000000000
39	0.000000001	0.000000025	0.000000191	0.000002479	0.000027843	0.000000000
40	0.000000001	0.000000020	0.000000158	0.000002074	0.000023944	0.000000000
41	0.000000001	0.000000016	0.000000127	0.000001714	0.000020647	0.000000000
42	0.000000001	0.000000013	0.000000102	0.000001400	0.000017860	0.000000000
43	0.000000001	0.000000010	0.000000081	0.000001139	0.000015434	0.000000000
44	0.000000001	0.000000008	0.000000067	0.000000943	0.000013493	0.000000000
45	0.000000001	0.000000006	0.000000051	0.000000797	0.000011759	0.000000000
46	0.000000001	0.000000005	0.000000042	0.000000666	0.000010285	0.000000000
47	0.000000001	0.000000004	0.000000037	0.000000561	0.000009318	0.000000000
48	0.000000001	0.000000003	0.000000030	0.000000479	0.000008379	0.000000000
49	0.000000001	0.000000002	0.000000025	0.000000411	0.000007495	0.000000000
50	0.000000001	0.000000002	0.000000020	0.000000354	0.000006694	0.000000000

PLU S U¹ (CONTINUED)

N	7	8	9	10	11
0	0.108987503	0.237967914	0.399218429	0.600781571	0.762032086
10	0.076717400	0.178559810	0.318593172	0.509547728	0.681406828
11	0.054894073	0.134913075	0.254941653	0.429983329	0.605025006
12	0.039890450	0.102762563	0.204929745	0.362110026	0.535008335
13	0.029411765	0.078947368	0.165634675	0.304953560	0.472136223
14	0.021981424	0.061179163	0.134674923	0.257167856	0.415408659
15	0.016636728	0.047816297	0.110176336	0.217357652	0.367411495
16	0.012787776	0.037682791	0.090688824	0.184228892	0.324538969
17	0.009860670	0.029533910	0.075098814	0.156646557	0.287122946
18	0.007709910	0.02359717	0.062553008	0.136645912	0.254503849
19	0.006084930	0.019116915	0.052396878	0.114421810	0.226066687
20	0.004844441	0.015680971	0.044126888	0.098309586	0.201256714
21	0.003886266	0.012812475	0.037546050	0.084761912	0.179587635
22	0.003144682	0.010533443	0.031776419	0.073338765	0.160619690
23	0.002561250	0.008710533	0.027158381	0.063669747	0.143994752
24	0.002100054	0.007444091	0.023115079	0.054459057	0.129390206
25	0.001732694	0.006054574	0.020100682	0.046863015	0.116532615
26	0.001438021	0.005066361	0.017399507	0.042481843	0.105187681
27	0.001200086	0.004293243	0.015119295	0.037515365	0.095154747
28	0.001006765	0.003640127	0.013186071	0.033946100	0.086261919
29	0.000848761	0.003099495	0.011540119	0.029912485	0.078361827
30	0.000718906	0.002650094	0.010133448	0.025824352	0.071327974
31	0.000611617	0.002274585	0.008926456	0.022957744	0.065051612
32	0.000527530	0.001968119	0.007881101	0.020607588	0.059849087
33	0.000448203	0.001694066	0.006988982	0.018279614	0.054409634
34	0.000388910	0.001469521	0.006210318	0.016469170	0.049393381
35	0.000334771	0.001259543	0.005543061	0.014889420	0.045082940
36	0.000299162	0.001116369	0.004942199	0.013321426	0.04166497
37	0.000251562	0.000977471	0.004425195	0.011910516	0.038857673
38	0.000219349	0.000851178	0.003974154	0.010787572	0.036386542
39	0.000192164	0.000758519	0.003572391	0.009734244	0.034149324
40	0.000168045	0.000666914	0.003220244	0.008845241	0.032064584
41	0.000148497	0.000590161	0.002908898	0.008015618	0.029844760
42	0.000131061	0.000525031	0.002613898	0.007291093	0.027649900
43	0.000115969	0.000464448	0.002387584	0.006646860	0.025458272
44	0.000103864	0.000414758	0.002169154	0.006066789	0.023412113
45	0.000094453	0.000370382	0.001974216	0.005544007	0.021527244
46	0.0000881491	0.000331441	0.001769495	0.005080483	0.019844314
47	0.000077177	0.000291187	0.00164476	0.004649921	0.0183510896
48	0.000068124	0.000266598	0.001503417	0.004279075	0.0171374666
49	0.000060814	0.000240306	0.001377151	0.003934490	0.016114403
50	0.0000547461	0.000216677	0.001263556	0.003624165	0.015191151

PLU S U¹ (CONTINUED)

N	12	13	14	15	16
0	0.891012497	0.95542703	0.97782805	0.99630111	0.99945782
10	0.814170473	0.92482600	0.974203815	0.997189963	0.99864714
11	0.773085015	0.885091688	0.955108359	0.985115504	0.996546797
12	0.711050750	0.843081686	0.931102643	0.975111155	0.994076583
13	0.650664196	0.799071107	0.901095975	0.962518700	0.988314153
14	0.592708492	0.754489164	0.872082380	0.947678619	0.981760803
15	0.548901607	0.71091708	0.839009288	0.930876988	0.973876565
16	0.489169471	0.66771918	0.804711127	0.915600048	0.960903163
17	0.443694113	0.626361544	0.76988544	0.89006178	0.951447414
18	0.40771884	0.58918649	0.735091880	0.87240746	0.938704813
19	0.365007534	0.550740179	0.700764163	0.851278947	0.924490054
20	0.331295192	0.515518408	0.66727944	0.827476021	0.910276991
21	0.300452880	0.483006748	0.634718455	0.80110444	0.894745760
22	0.273669270	0.452664437	0.603497110	0.78420862	0.878715533
23	0.250914786	0.424600287	0.573388615	0.764966606	0.862119071
24	0.231078998	0.398113859	0.546460137	0.744616688	0.84511864
25	0.213729381	0.373664436	0.521786674	0.722676194	0.82825531
26	0.198469459	0.350994769	0.498185668	0.701147766	0.811076266
27	0.18511634	0.329924007	0.476974949	0.68081308	0.794676953
28	0.173694761	0.310461186	0.456600442	0.662511176	0.77870945
29	0.163486831	0.292190675	0.437611820	0.646481717	0.764698114
30	0.1546081560	0.275007674	0.420636095	0.632444711	0.75281862
31	0.147421775	0.259618927	0.405123359	0.620660549	0.74183050
32	0.141378797	0.24507679	0.391271576	0.609881468	0.731794566
33	0.136491662	0.231946731	0.378476246	0.599878470	0.722465214
34	0.132701054	0.219801124	0.3678717	0.590616911	0.713726526
35	0.098789073	0.207016956	0.35844919	0.582050544	0.705418275
36	0.093195045	0.195076976	0.349860354	0.57477844	0.697141516
37	0.087782412	0.185609664	0.342179405	0.568107447	0.689308113
38	0.081491153	0.176188353	0.335172650	0.5620940779	0.681818537
39	0.066669859	0.167314650	0.328412409	0.556782165	0.674624377
40	0.062071486	0.158841513	0.322781377	0.552011388	0.667693473
41	0.057857426	0.151034775	0.317676717	0.547708811	0.661046882
42	0.053988110	0.143750609	0.31301914	0.543857634	0.654686095
43	0.050437724	0.136753565	0.30870805	0.54035077	0.648645546
44	0.047159814	0.130060475	0.304713088	0.537192377	0.642826496
45	0.044144444	0.124147510	0.301081185	0.534301680	0.637211443
46	0.041363701	0.118979489	0.297715077	0.53167654	0.631888911
47	0.038895549	0.114409424	0.29463444	0.529304721	0.626808099
48	0.036621190	0.109603158	0.291740958	0.52715864	0.621909739
49	0.034622364	0.10554007	0.2890774110	0.525210374	0.61718816
50	0.0327187548	0.0986796719	0.286576850	0.5234191361	0.612694669

TABLE 1 (CONTINUED)

M = 9

N	U	
	17	18
9	0.999958865	1.000000000
10	0.999794323	0.99980175
11	0.999604670	0.99940462
12	0.998690164	0.99812881
13	0.997567448	0.99657718
14	0.995975232	0.994125050
15	0.993875353	0.989868838
16	0.991250505	0.987550141
17	0.988100646	0.986338673
18	0.984439359	0.984131203
19	0.980289855	0.982060663
20	0.975682289	0.980176041
21	0.970651048	0.988260415
22	0.965232768	0.985420191
23	0.959664933	0.982265908
24	0.953384672	0.978811215
25	0.947028077	0.975072011
26	0.940429453	0.971065734
27	0.933621391	0.966810695
28	0.92664169	0.96232664
29	0.91949487	0.957629406
30	0.91223141	0.952740491
31	0.90486722	0.947676973
32	0.89742046	0.942466671
33	0.889916345	0.937095055
34	0.882367752	0.931609156
35	0.874792151	0.926013544
36	0.86720377	0.920322778
37	0.85961544	0.91454851
38	0.85203464	0.908673444
39	0.84444794	0.902691444
40	0.836857965	0.8966850457
41	0.829471361	0.890661658
42	0.822030000	0.884644799
43	0.814640326	0.878600297
44	0.807307476	0.872750147
45	0.800337630	0.866800017
46	0.793440364	0.860940117
47	0.786623145	0.855077441
48	0.779872974	0.849205335
49	0.773187744	0.843325418
50	0.76647114	0.837435418

TABLE 2 (CONTINUED)

M = 10

N	U				
	1	2	3	4	5
10	0.030010825	0.000108251	0.000000000	0.004492412	0.018521726
11	0.000000670	0.000059538	0.000000000	0.002738741	0.011924608
12	0.000000309	0.000014022	0.000000000	0.001718096	0.007842003
13	0.000000174	0.000002010	0.000000000	0.001105705	0.005259312
14	0.000000102	0.000001223	0.000000000	0.00078105	0.003591576
15	0.000000061	0.000000376	0.000000000	0.000489482	0.002493912
16	0.000000037	0.0000004895	0.000000000	0.000335295	0.001756559
17	0.000000023	0.000000320	0.000000000	0.000233624	0.001257781
18	0.000000015	0.000000214	0.000000000	0.000165357	0.000911522
19	0.000000010	0.0000001448	0.000000000	0.000118722	0.000686697
20	0.000000007	0.000000094	0.000000000	0.000086370	0.000496156
21	0.000000005	0.000000049	0.000000000	0.000063605	0.000372045
22	0.000000003	0.000000046	0.000000000	0.000047371	0.000261745
23	0.000000002	0.000000047	0.000000000	0.000035652	0.000215339
24	0.000000001	0.000000049	0.000000000	0.000027046	0.000166013
25	0.000000001	0.000000021	0.000000000	0.000020781	0.000129024
26	0.000000000	0.000000017	0.000000000	0.000016075	0.000101052
27	0.000000000	0.000000016	0.000000000	0.000012534	0.000079712
28	0.000000000	0.000000000	0.000000000	0.000009847	0.000061306
29	0.000000000	0.000000000	0.000000000	0.000007791	0.000050600
30	0.000000000	0.000000000	0.000000000	0.00000663	0.000040691
31	0.000000000	0.000000000	0.000000000	0.00000518	0.000032911
32	0.000000000	0.000000000	0.000000000	0.000004010	0.000026764
33	0.000000000	0.000000000	0.000000000	0.000003252	0.000021878
34	0.000000000	0.000000000	0.000000000	0.000002651	0.000017972
35	0.000000000	0.000000000	0.000000000	0.000002171	0.000014834
36	0.000000000	0.000000000	0.000000000	0.000001769	0.000012298
37	0.000000000	0.000000000	0.000000000	0.000001460	0.000010240
38	0.000000000	0.000000000	0.000000000	0.000001169	0.000008561
39	0.000000000	0.000000000	0.000000000	0.000001026	0.000007185
40	0.000000000	0.000000000	0.000000000	0.000000849	0.000006053
41	0.000000000	0.000000000	0.000000000	0.000000722	0.000005118
42	0.000000000	0.000000000	0.000000000	0.000000610	0.000004342
43	0.000000000	0.000000000	0.000000000	0.000000516	0.000003696
44	0.000000000	0.000000000	0.000000000	0.000000435	0.000003156
45	0.000000000	0.000000000	0.000000000	0.000000374	0.000002703
46	0.000000000	0.000000000	0.000000000	0.000000320	0.000002332
47	0.000000000	0.000000000	0.000000000	0.000000275	0.000002003
48	0.000000000	0.000000000	0.000000000	0.000000236	0.000001738
49	0.000000000	0.000000000	0.000000000	0.000000204	0.000001496
50	0.000000000	0.000000000	0.000000000	0.000000176	0.000001249

M = 10

N	17	18	19	20
10	0.999014917	0.999891749	0.999980175	1.000000000
11	0.997611553	0.999557718	0.999940667	0.999997165
12	0.994222599	0.998792779	0.999811881	0.999967389
13	0.989600669	0.997394351	0.999557718	0.999947111
14	0.983376959	0.995187778	0.999128050	0.999854175
15	0.975501813	0.992037459	0.998460838	0.999691768
16	0.966051959	0.987858193	0.997553161	0.999336648
17	0.955148741	0.982608696	0.996333673	0.998950767
18	0.942944317	0.976288547	0.994813120	0.998418036
19	0.929606675	0.968429821	0.992966663	0.997815378
20	0.915407281	0.960088537	0.990776051	0.996925347
21	0.900313550	0.951337528	0.988260515	0.995816361
22	0.884483069	0.941260701	0.985473193	0.994412577
23	0.868072131	0.930005509	0.982466008	0.992813843
24	0.851187503	0.918004056	0.979211215	0.991075206
25	0.834085115	0.905965508	0.975807017	0.989216570
26	0.817884478	0.894478331	0.972263736	0.987140326
27	0.802686175	0.883194913	0.968610655	0.984750860
28	0.788488227	0.872400692	0.964832654	0.982154257
29	0.775296174	0.862496218	0.961049406	0.979357916
30	0.763102740	0.853433778	0.957250991	0.976370226
31	0.751907824	0.845260846	0.953447673	0.973200401
32	0.741721660	0.837971065	0.949636671	0.969958064
33	0.732543709	0.831467064	0.945819585	0.966645169
34	0.68540127	0.786123185	0.941999158	0.963262504
35	0.669906580	0.773493658	0.938163356	0.959826613
36	0.654729871	0.761857135	0.934312778	0.956349676
37	0.640883090	0.750741110	0.930448540	0.952831085
38	0.628317384	0.739725959	0.926570884	0.949274441
39	0.617017454	0.728733768	0.922680186	0.945674477
40	0.606988888	0.717791938	0.918776957	0.942034724
41	0.598191071	0.706924522	0.914861658	0.938360108
42	0.590707865	0.696229310	0.910934799	0.934654154
43	0.584570846	0.686694666	0.906996797	0.930920790
44	0.578836384	0.678260751	0.903048187	0.927167973
45	0.573561735	0.670888221	0.899089367	0.923396791
46	0.568716466	0.664531851	0.895120115	0.919604444
47	0.564367760	0.659156018	0.891140770	0.915787293
48	0.560500401	0.654766657	0.887151825	0.911941431
49	0.557101775	0.650361315	0.883153846	0.908071480
50	0.554176060	0.64694875	0.879146916	0.904181677

M = 11

N	17	18	19	20
11	0.000000845	0.000011187	0.000044751	0.000189518
12	0.000001479	0.000011011	0.000017973	0.000082608
13	0.000000801	0.000008615	0.000010763	0.000048605
14	0.000000449	0.000005609	0.000006349	0.000030171
15	0.000000289	0.000003465	0.000004036	0.000018920
16	0.000000183	0.000002171	0.000002581	0.000011787
17	0.000000093	0.000001304	0.000001626	0.000007615
18	0.000000058	0.000000818	0.000001066	0.000004087
19	0.000000037	0.000000549	0.000000719	0.000002497
20	0.000000024	0.000000366	0.000000484	0.000001547
21	0.000000016	0.000000248	0.000000348	0.000000950
22	0.000000010	0.000000171	0.000000241	0.000000607
23	0.000000007	0.000000119	0.000000167	0.000000399
24	0.000000005	0.000000084	0.000000116	0.000000271
25	0.000000003	0.000000060	0.000000082	0.000000176
26	0.000000002	0.000000041	0.000000058	0.000000113
27	0.000000001	0.000000027	0.000000038	0.000000073
28	0.000000001	0.000000018	0.000000025	0.000000048
29	0.000000001	0.000000012	0.000000017	0.000000032
30	0.000000001	0.000000008	0.000000011	0.000000021
31	0.000000000	0.000000005	0.000000007	0.000000014
32	0.000000000	0.000000003	0.000000004	0.000000009
33	0.000000000	0.000000002	0.000000003	0.000000006
34	0.000000000	0.000000001	0.000000002	0.000000004
35	0.000000000	0.000000001	0.000000001	0.000000003
36	0.000000000	0.000000000	0.000000001	0.000000002
37	0.000000000	0.000000000	0.000000000	0.000000001
38	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 11

N	7	8	9	10	11
11	0.022661445	0.063467492	0.134913075	0.259942844	0.409978566
12	0.014986561	0.044274813	0.099190283	0.201699162	0.334960705
13	0.010105186	0.031257812	0.073563064	0.156851528	0.273455378
14	0.006932292	0.022331404	0.055054516	0.124225629	0.223482299
15	0.004832114	0.016159453	0.041560293	0.095994423	0.183059631
16	0.003419034	0.011794619	0.031696633	0.075658456	0.150410553
17	0.002452620	0.008711299	0.024357996	0.059954233	0.124027460
18	0.001782047	0.006499180	0.018801652	0.047774089	0.102669718
19	0.001310334	0.004895355	0.014754161	0.038280860	0.085534256
20	0.000974238	0.003720827	0.011617268	0.03084334	0.071218237
21	0.000731892	0.002852420	0.009214003	0.024985629	0.059682566
22	0.000531811	0.002204481	0.007358562	0.020346775	0.050214710
23	0.000424974	0.001716840	0.005915405	0.016654042	0.042426770
24	0.000328084	0.001346812	0.004785022	0.013698898	0.035983588
25	0.000255317	0.001063832	0.003893634	0.011321864	0.030635263
26	0.000200191	0.000845811	0.003186184	0.009400276	0.026178324
27	0.000158086	0.000676650	0.002621266	0.007839320	0.022449869
28	0.000125675	0.000544516	0.002167522	0.006565347	0.019310037
29	0.000100945	0.000440673	0.001801037	0.005520863	0.016860343
30	0.000080924	0.000358490	0.001503451	0.004660767	0.014448447
31	0.000065504	0.000293137	0.001260580	0.003949503	0.012556057
32	0.000053309	0.000243111	0.001061401	0.003359891	0.010940703
33	0.000043608	0.000198823	0.000897293	0.002866589	0.009562196
34	0.000035867	0.000164848	0.000761479	0.002454621	0.008380518
35	0.000029605	0.000137257	0.000648603	0.002108532	0.007364733
36	0.000024599	0.000114746	0.000544608	0.001817027	0.006488716
37	0.000020460	0.000096299	0.000475494	0.001570421	0.005731145
38	0.000017114	0.000081117	0.000409135	0.001361187	0.005074189
39	0.000014577	0.000068573	0.000351131	0.001183097	0.004502956
40	0.000012112	0.000058166	0.000305705	0.001031053	0.004004978
41	0.000010245	0.000049501	0.000265408	0.000900862	0.003569770
42	0.000008956	0.000042715	0.000221059	0.000789067	0.003186497
43	0.000007805	0.000036188	0.000201691	0.000682802	0.002836693
44	0.000006825	0.000031079	0.000176505	0.000604691	0.002559026
45	0.000006057	0.000026766	0.000154846	0.000537751	0.002299115
46	0.000005457	0.000023177	0.000136168	0.000480932	0.002069371
47	0.000004914	0.000020014	0.000120017	0.000421028	0.001865877
48	0.000004468	0.000017373	0.000106617	0.000373687	0.001685270
49	0.000004095	0.000015117	0.000095385	0.000332320	0.001544661
50	0.000003610	0.000013186	0.000083252	0.000296093	0.001381587

P(U ≤ U*) (CONTINUED)

M = 11

N	12	13	14	15	16
11	0.590021434	0.740057156	0.865086423	0.936532508	0.977358555
12	0.407117422	0.665039295	0.808551726	0.900099717	0.959386219
13	0.433369229	0.593283080	0.748754880	0.859806165	0.935955618
14	0.369003904	0.526652309	0.688362980	0.815385651	0.907780320
15	0.313655943	0.466018307	0.629263696	0.769128316	0.875797550
16	0.266496164	0.411603177	0.572833161	0.722466776	0.841001481
17	0.226544622	0.363234172	0.51987615	0.676481058	0.804336929
18	0.192814119	0.320518688	0.470757357	0.631731503	0.766641491
19	0.164383062	0.282958521	0.425687156	0.588805597	0.728621404
20	0.140432765	0.250021143	0.384603976	0.548025987	0.690848585
21	0.120244840	0.221181965	0.347353370	0.507573749	0.653769641
22	0.103211701	0.195947684	0.313707667	0.473524776	0.617720668
23	0.088817682	0.173867689	0.283401185	0.439879068	0.582944012
24	0.076630864	0.154538141	0.256156329	0.409593611	0.549604773
25	0.066240767	0.137601776	0.231692691	0.373549843	0.517805862
26	0.057467349	0.122745316	0.209742606	0.352666725	0.487601297
27	0.050001191	0.109695723	0.190053746	0.327810356	0.459007128
28	0.043595327	0.098216005	0.172392642	0.304850921	0.432010873
29	0.038106543	0.088101099	0.156545815	0.283657966	0.406579880
30	0.033392343	0.079173426	0.142319747	0.264101934	0.382662377
31	0.029332937	0.071280136	0.129540134	0.246060132	0.360202173
32	0.025828582	0.064288936	0.118050721	0.229414418	0.339132346
33	0.022795866	0.058085653	0.107711916	0.214053908	0.319538119
34	0.020164366	0.052571624	0.098399333	0.198874976	0.300892988
35	0.017876936	0.047661512	0.090002331	0.186781344	0.283560358
36	0.015882600	0.04328142	0.082423610	0.174683968	0.267344725
37	0.014140186	0.039367309	0.075572903	0.163000773	0.252167532
38	0.012614438	0.035863542	0.069375764	0.153156317	0.237962756
39	0.01125473	0.032721771	0.063762467	0.143581397	0.224667295
40	0.010097859	0.029869990	0.058672014	0.134712627	0.212221706
41	0.009060094	0.027361173	0.054650247	0.126492020	0.200567818
42	0.008143601	0.025073538	0.049449056	0.118866570	0.189653764
43	0.007332631	0.023008912	0.04462274	0.111767851	0.179424947
44	0.006613643	0.021142688	0.04042056	0.105211614	0.169846459
45	0.005975304	0.019453264	0.036364310	0.099037528	0.160862468
46	0.005426592	0.017921644	0.032662312	0.093408652	0.152436087
47	0.004900959	0.016531043	0.029180979	0.088111318	0.144559273
48	0.004447626	0.015266851	0.0261380540	0.083174751	0.137106649
49	0.0040462909	0.014115869	0.0239155149	0.078570865	0.130134791
50	0.003680278	0.013066602	0.0227114167	0.074277828	0.123553631

P(U ≤ U') (CONTINUED)

M = 11

N	17	18	19	20	21
11	0.992668122	0.998409485	0.999685209	0.999968813	0.999997165
12	0.985013439	0.995996533	0.999047302	0.999860955	0.999982989
13	0.974030344	0.991877872	0.997827048	0.999589767	0.999942311
14	0.959752322	0.985738723	0.995843990	0.999052138	0.999854175
15	0.942428121	0.977409476	0.992956656	0.998139050	0.999693168
16	0.922439090	0.966859604	0.989069861	0.996747481	0.999434648
17	0.900228833	0.954168029	0.984134249	0.994788905	0.999050767
18	0.876255857	0.939494914	0.978141005	0.992194128	0.998518034
19	0.850960234	0.922052759	0.971114443	0.988915066	0.997815378
20	0.824744770	0.905087482	0.963104162	0.984924281	0.996975347
21	0.797965533	0.885834905	0.954177750	0.980213119	0.995834341
22	0.770928804	0.865557358	0.944414466	0.974789084	0.994552572
23	0.743892074	0.844486611	0.933900203	0.968672932	0.993013843
24	0.717061397	0.822833266	0.922723254	0.961895798	0.991275206
25	0.690675930	0.800798710	0.910571491	0.954496540	0.989316579
26	0.664702922	0.778553667	0.898730070	0.946519398	0.987140326
27	0.639402690	0.756249815	0.886079954	0.938012010	0.984750860
28	0.614803295	0.734015747	0.873096940	0.929023770	0.982154257
29	0.590968005	0.711961443	0.859851112	0.919604514	0.979357916
30	0.567913064	0.690176618	0.846406597	0.909803499	0.976370246
31	0.545682982	0.668742367	0.832821547	0.899668620	0.973200401
32	0.524281350	0.647714019	0.819148282	0.889245867	0.969858047
33	0.503702338	0.627141907	0.805433541	0.878578826	0.966353169
34	0.483960011	0.607063527	0.791718800	0.867708624	0.962695904
35	0.465021009	0.587506948	0.778040631	0.856673580	0.958896413
36	0.446874944	0.568492188	0.764431083	0.845509246	0.954964766
37	0.429501052	0.550032428	0.750918055	0.834248390	0.950910858
38	0.412876034	0.532135088	0.737525680	0.822921052	0.946744341
39	0.396974861	0.514802772	0.724274674	0.811594633	0.942474577
40	0.381771212	0.498036085	0.711182680	0.800174911	0.938110574
41	0.367238363	0.481824362	0.698264584	0.788801670	0.933661008
42	0.353349155	0.466166241	0.685532806	0.777457843	0.929134154
43	0.340076552	0.451050226	0.672997574	0.766160658	0.924537902
44	0.327393846	0.436465114	0.660667166	0.754926286	0.919879747
45	0.315274816	0.422398383	0.648548136	0.743769084	0.915166791
46	0.303633840	0.408836509	0.636645517	0.732701757	0.910405744
47	0.292426246	0.395765240	0.624963004	0.721735393	0.905602933
48	0.281604788	0.383169822	0.613503116	0.710879793	0.900764314
49	0.271193569	0.371035190	0.602267345	0.700143390	0.895895480
50	0.262267451	0.359346125	0.591256240	0.689533466	0.891001677

P(U ≤ U') (CONTINUED)

M = 11

N	22
11	1.000000000
12	0.999999260
13	0.999998513
14	0.999997801
15	0.999997187
16	0.999996565
17	0.999995933
18	0.999995284
19	0.999994624
20	0.999993959
21	0.999993282
22	0.999992594
23	0.999991897
24	0.999991192
25	0.999990479
26	0.999989758
27	0.999989029
28	0.999988292
29	0.999987547
30	0.999986794
31	0.999986033
32	0.999985264
33	0.999984487
34	0.999983702
35	0.999982909
36	0.999982108
37	0.999981300
38	0.999980484
39	0.999979661
40	0.999978831
41	0.999977994
42	0.999977150
43	0.999976299
44	0.999975441
45	0.999974576
46	0.999973704
47	0.999972825
48	0.999971939
49	0.999971046
50	0.999970146

PIU ≤ U³ (CONTINUED)

M = 12

N	2	3	4	5	6
12	0.000000740	0.000008875	0.000098367	0.000545826	0.002783123
13	0.000000385	0.000004807	0.000055574	0.000322097	0.001718170
14	0.000000207	0.000002692	0.000032306	0.000195181	0.001083591
15	0.000000115	0.000001553	0.000019271	0.000121147	0.000696968
16	0.000000066	0.000000920	0.000011768	0.000076853	0.000426515
17	0.000000039	0.000000559	0.000007342	0.000049734	0.000304089
18	0.000000023	0.000000347	0.000004671	0.000032777	0.000205739
19	0.000000014	0.000000220	0.000003026	0.000021967	0.000141227
20	0.000000009	0.000000142	0.000001993	0.000014952	0.000098258
21	0.000000006	0.000000093	0.000001333	0.000010324	0.000069227
22	0.000000004	0.000000062	0.000000905	0.000007223	0.000049356
23	0.000000002	0.000000042	0.000000622	0.000005117	0.000035568
24	0.000000002	0.000000029	0.000000433	0.000003667	0.000025901
25	0.000000001	0.000000020	0.000000305	0.000002656	0.000019045
26	0.000000001	0.000000014	0.000000217	0.000001944	0.000014132
27	0.000000001	0.000000010	0.000000156	0.000001436	0.000010577
28	0.000000000	0.000000007	0.000000113	0.000001070	0.000007581
29	0.000000000	0.000000005	0.000000083	0.000000805	0.000006069
30	0.000000000	0.000000004	0.000000061	0.000000610	0.000004648
31	0.000000000	0.000000003	0.000000046	0.000000465	0.000003585
32	0.000000000	0.000000002	0.000000034	0.000000358	0.000002783
33	0.000000000	0.000000002	0.000000026	0.000000277	0.000002174
34	0.000000000	0.000000001	0.000000020	0.000000216	0.000001708
35	0.000000000	0.000000001	0.000000015	0.000000169	0.000001350
36	0.000000000	0.000000001	0.000000012	0.000000133	0.000001073
37	0.000000000	0.000000001	0.000000009	0.000000106	0.000000857
38	0.000000000	0.000000000	0.000000007	0.000000084	0.000000688
39	0.000000000	0.000000000	0.000000006	0.000000067	0.000000555
40	0.000000000	0.000000000	0.000000004	0.000000054	0.000000449
41	0.000000000	0.000000000	0.000000003	0.000000044	0.000000366
42	0.000000000	0.000000000	0.000000003	0.000000036	0.000000299
43	0.000000000	0.000000000	0.000000002	0.000000029	0.000000245
44	0.000000000	0.000000000	0.000000002	0.000000024	0.000000202
45	0.000000000	0.000000000	0.000000001	0.000000020	0.000000167
46	0.000000000	0.000000000	0.000000001	0.000000016	0.000000139
47	0.000000000	0.000000000	0.000000001	0.000000013	0.000000115
48	0.000000000	0.000000000	0.000000001	0.000000011	0.000000096
49	0.000000000	0.000000000	0.000000001	0.000000009	0.000000081
50	0.000000000	0.000000000	0.000000001	0.000000008	0.000000068

PIU ≤ U³ (CONTINUED)

M = 12

N	7	8	9	10	11
12	0.009495014	0.029630687	0.069902032	0.153444723	0.263204490
13	0.006139009	0.020099802	0.049706360	0.112589658	0.206824606
14	0.004044959	0.013817472	0.035805627	0.084668192	0.162848297
15	0.002712344	0.009622201	0.026033113	0.064937331	0.128644501
16	0.001848611	0.006784224	0.019123256	0.048736932	0.102041549
17	0.001279118	0.004840050	0.014187643	0.037333965	0.081311976
18	0.000897585	0.003492008	0.010626670	0.028787630	0.065109550
19	0.000638142	0.002546299	0.008032248	0.022343419	0.052396878
20	0.000459253	0.001875462	0.006124091	0.017463769	0.042379055
21	0.000334293	0.001394557	0.004707882	0.013720125	0.034448295
22	0.000245938	0.001046333	0.003647618	0.010851176	0.028139714
23	0.000182749	0.000791771	0.002847223	0.008632937	0.023037224
24	0.000137072	0.000603989	0.002382500	0.006907373	0.019047224
25	0.000103721	0.000464275	0.001771283	0.005557099	0.015778802
26	0.000079138	0.000355473	0.001410729	0.004494414	0.013128731
27	0.000060955	0.000280267	0.001130354	0.003653409	0.010970152
28	0.000047143	0.000219914	0.000911001	0.002984261	0.009204041
29	0.000036777	0.000172645	0.000738229	0.002449090	0.007752759
30	0.000028800	0.000139294	0.000591361	0.002018931	0.006455157
31	0.000022822	0.000110170	0.000492317	0.001671512	0.005562857
32	0.000018143	0.000088475	0.000404969	0.001389617	0.004737420
33	0.000014505	0.000071437	0.000334637	0.001154886	0.004048167
34	0.000011659	0.000057932	0.000277725	0.000971808	0.003470507
35	0.000009420	0.000047213	0.000231452	0.000817729	0.002984644
36	0.000007649	0.000038651	0.000193560	0.000689689	0.002574599
37	0.000006240	0.000031717	0.000162658	0.000584024	0.002227378
38	0.000005113	0.000026234	0.000137120	0.000496180	0.001937418
39	0.000004206	0.000021744	0.000115499	0.000422877	0.001651976
40	0.000003477	0.000018090	0.000094463	0.000361501	0.001466282
41	0.000002885	0.000015106	0.000083850	0.000309941	0.001282115
42	0.000002402	0.000012658	0.000071629	0.000266488	0.001123871
43	0.000002008	0.000010643	0.000061373	0.000229754	0.000987469
44	0.000001684	0.000008978	0.000052738	0.000198607	0.000869602
45	0.000001417	0.000007597	0.000045445	0.000172120	0.000767494
46	0.000001197	0.000006447	0.000039265	0.000149524	0.000678822
47	0.000001013	0.000005498	0.000034015	0.000130221	0.000601634
48	0.000000861	0.000004685	0.000029540	0.000113665	0.000534283
49	0.000000733	0.000004010	0.000025716	0.000099435	0.000475402
50	0.000000627	0.000003441	0.000022440	0.000087175	0.000423798

PIU ≤ U'1 (CONTINUED)

M = 12

N	12	13	14	15	16
12	0.421068163	0.578931837	0.736795510	0.849551277	0.930097868
13	0.347548795	0.500000000	0.664178220	0.793175394	0.893492672
14	0.285981963	0.429637906	0.593816126	0.734546315	0.851810472
15	0.230563111	0.368071073	0.527688787	0.675905236	0.806205411
16	0.19281671	0.314865	0.466862039	0.618898910	0.758306243
17	0.159083616	0.269260171	0.411841448	0.564607170	0.710098334
18	0.131215445	0.230374287	0.362586075	0.513685263	0.662086250
19	0.108456670	0.197213339	0.318870887	0.466466367	0.615302948
20	0.089363703	0.169271444	0.280302281	0.423056214	0.570342018
21	0.074823134	0.145479121	0.246416246	0.383402343	0.527598236
22	0.062428649	0.125271697	0.216728856	0.347353370	0.487308207
23	0.052642226	0.081476199	0.107677234	0.314697242	0.449587046
24	0.043887225	0.093567228	0.168087233	0.285190097	0.414459493
25	0.036979373	0.081147227	0.148282367	0.258575810	0.381885249
26	0.031260798	0.070568942	0.120987205	0.234598974	0.351778997
27	0.026511923	0.061480909	0.112877109	0.213013181	0.324025834
28	0.022555836	0.053710023	0.102666603	0.193585966	0.298492924
29	0.019249745	0.047034126	0.091105933	0.176101473	0.275038116
30	0.016478150	0.041285633	0.080977607	0.160361553	0.253018184
31	0.014147400	0.036324137	0.072093066	0.146185848	0.233783226
32	0.012181360	0.032031865	0.064288938	0.133412231	0.215699677
33	0.010517961	0.028309695	0.057423970	0.121890848	0.199132711
34	0.009106461	0.025074998	0.051276118	0.111492965	0.183955234
35	0.007905254	0.022257021	0.046039949	0.102099707	0.170050930
36	0.006846128	0.019792718	0.041324368	0.093660505	0.157310066
37	0.006002866	0.017643953	0.037150640	0.085917358	0.1456311706
38	0.005250128	0.015756209	0.033450662	0.078950684	0.134922933
39	0.004602252	0.014097354	0.030165479	0.072631237	0.125098582
40	0.004044036	0.012644002	0.026689262	0.066800751	0.116800751
41	0.003561137	0.011347729	0.024641909	0.061675697	0.107798364
42	0.003142617	0.010208227	0.022320703	0.056927776	0.100186616
43	0.002779044	0.009158855	0.020264900	0.052630189	0.093186549
44	0.002462488	0.008303067	0.018391340	0.048656161	0.086744540
45	0.002188259	0.007506242	0.016728592	0.045053206	0.080811855
46	0.001944702	0.006787342	0.015366443	0.041759646	0.075442221
47	0.001733024	0.006164302	0.014256666	0.038745646	0.070301427
48	0.001547153	0.005598607	0.012888652	0.035984515	0.065466949
49	0.001383619	0.005092175	0.011601069	0.033452356	0.061347616
50	0.001239463	0.004638066	0.010519608	0.031277751	0.057373291

PIU ≤ U'1 (CONTINUED)

M = 12

N	17	18	19	20	21
12	0.970369313	0.990504986	0.997216877	0.999454174	0.999901633
13	0.951231640	0.961645240	0.983863931	0.988514509	0.990677903
14	0.931046321	0.940906330	0.980675656	0.986769177	0.989212545
15	0.895786782	0.92793108	0.981296271	0.993964344	0.998398169
16	0.863211738	0.933015403	0.971795217	0.989842463	0.997131362
17	0.828309005	0.910148685	0.960161273	0.984409800	0.995516337
18	0.781937114	0.884687731	0.946521476	0.977438348	0.992896785
19	0.754836867	0.857161742	0.931063040	0.968961142	0.989805097
20	0.717627822	0.828092175	0.914008994	0.959012890	0.986015287
21	0.680806371	0.797965533	0.895598169	0.947668907	0.981514888
22	0.644757398	0.767217880	0.876071642	0.935034096	0.976307814
23	0.609768669	0.736277880	0.855661561	0.921232444	0.970411568
24	0.576966238	0.705315634	0.834585029	0.906461360	0.963854425
25	0.543728889	0.674745168	0.813040130	0.890679407	0.956672792
26	0.512901529	0.644729055	0.791204083	0.874705600	0.948908864
27	0.485605523	0.615434049	0.769232829	0.857117844	0.940608613
28	0.455851160	0.586487057	0.747251875	0.839454084	0.931810111
29	0.429676621	0.559480964	0.725405959	0.821594361	0.922592184
30	0.404892460	0.532480078	0.703763568	0.803387271	0.912473344
31	0.381603632	0.507425033	0.682415632	0.785018116	0.903010374
32	0.359704558	0.483137127	0.661428760	0.766575108	0.892750725
33	0.339132346	0.459822067	0.640556048	0.748136400	0.882736090
34	0.319821991	0.437573179	0.620441695	0.729710573	0.871508115
35	0.299821991	0.416374111	0.601116497	0.711537233	0.860605227
36	0.284718618	0.396201092	0.582005216	0.693487690	0.849563154
37	0.268787650	0.37324805	0.563424803	0.675665662	0.838414906
38	0.253853962	0.351811930	0.545867094	0.658107984	0.827150823
39	0.239870900	0.341526382	0.527894766	0.640845301	0.815418631
40	0.226754064	0.325130337	0.510952186	0.623902721	0.804623578
41	0.214457030	0.309958030	0.494556140	0.607300436	0.79338524
42	0.202926363	0.294851400	0.478701474	0.591054796	0.782054095
43	0.192111653	0.280890592	0.463380634	0.575176335	0.770818815
44	0.181465489	0.267664342	0.448584144	0.559675251	0.759630249
45	0.172463994	0.255135276	0.434301002	0.544556817	0.748530132
46	0.163503731	0.243267098	0.420519023	0.529824376	0.737504544
47	0.155107588	0.232024403	0.407225129	0.515478987	0.726574013
48	0.147218642	0.221314727	0.394405592	0.501571993	0.715748627
49	0.139803034	0.211244637	0.382046245	0.487944016	0.705077192
50	0.132829219	0.201723762	0.370132644	0.474750253	0.694447175

P(U ≤ U*) (CONTINUED)

M = 12

N	U*		
	22	23	24
12	0.999991125	0.99999260	1.000000000
13	0.9999957118	0.999995193	0.99999808
14	0.999986046	0.999982501	0.999998654
15	0.9999664777	0.999952887	0.999994765
16	0.999903032	0.99989305	0.999985064
17	0.998716431	0.999796593	0.999964930
18	0.997843484	0.999642284	0.999928457
19	0.996626756	0.999417434	0.999888453
20	0.995016086	0.999107359	0.999776840
21	0.992970650	0.998698232	0.999644972
22	0.990458803	0.998177524	0.999463978
23	0.987460141	0.997534267	0.999275065
24	0.983962998	0.996759362	0.9989919787
25	0.979966575	0.995845136	0.998540253
26	0.975469670	0.994786119	0.998079281
27	0.970489519	0.993579309	0.997530504
28	0.965040648	0.992221086	0.996888435
29	0.959143777	0.990711062	0.996148489
30	0.952827825	0.989049626	0.995308683
31	0.946104017	0.987238786	0.994361103
32	0.939015118	0.985276511	0.993308869
33	0.931584776	0.983176584	0.992148073
34	0.923841977	0.980533462	0.990881221
35	0.915815596	0.978554650	0.989505461
36	0.907516400	0.976304083	0.988022544
37	0.899024970	0.973410048	0.986433698
38	0.890315079	0.970655045	0.984740623
39	0.881424944	0.967785760	0.982945403
40	0.872329509	0.964807977	0.981050544
41	0.863229488	0.961727505	0.979058446
42	0.8544603975	0.958550165	0.976972314
43	0.8454603975	0.955281720	0.974795151
44	0.835181195	0.951927848	0.972530149
45	0.825709216	0.948494123	0.970180808
46	0.816204403	0.944985984	0.967750406
47	0.806681869	0.941408717	0.965242459
48	0.797155529	0.937767451	0.962660471
49	0.787638156	0.934067137	0.960007936
50	0.778141437	0.930312548	0.957288336

P(U ≤ U*) (CONTINUED)

M = 13

N	U*					
	2	3	4	5	6	
13	0.000000192	0.000002500	0.000030191	0.000182489	0.001020133	
14	0.000000100	0.000001346	0.000016301	0.000106340	0.000619644	
15	0.000000053	0.000000748	0.000009722	0.0003061565	0.000384380	
16	0.000000029	0.000000427	0.000005732	0.000238887	0.000243119	
17	0.000000017	0.000000251	0.000003457	0.000204299	0.000136563	
18	0.000000010	0.000000150	0.000002126	0.000154461	0.000102520	
19	0.000000006	0.000000092	0.000001336	0.00010041	0.000068180	
20	0.000000003	0.000000058	0.000000853	0.000066621	0.000046002	
21	0.000000002	0.000000037	0.000000554	0.000044433	0.000031460	
22	0.000000001	0.000000024	0.000000365	0.00003011	0.000021787	
23	0.000000001	0.000000016	0.000000244	0.00002072	0.000015268	
24	0.000000001	0.000000010	0.000000165	0.00001444	0.000010818	
25	0.000000000	0.000000007	0.000000113	0.00001018	0.000007746	
26	0.000000000	0.000000005	0.000000079	0.00000725	0.000005630	
27	0.000000000	0.000000003	0.000000055	0.00000522	0.000004087	
28	0.000000000	0.000000002	0.000000039	0.00000379	0.000003009	
29	0.000000000	0.000000002	0.000000028	0.000003278	0.000002233	
30	0.000000000	0.000000001	0.000000020	0.00000206	0.000001671	
31	0.000000000	0.000000001	0.000000015	0.00000153	0.000001259	
32	0.000000000	0.000000001	0.000000011	0.00000115	0.000000956	
33	0.000000000	0.000000000	0.000000008	0.00000087	0.000000731	
34	0.000000000	0.000000000	0.000000006	0.00000066	0.000000562	
35	0.000000000	0.000000000	0.000000004	0.00000051	0.000000435	
36	0.000000000	0.000000000	0.000000003	0.00000034	0.000000338	
37	0.000000000	0.000000000	0.000000003	0.00000031	0.000000265	
38	0.000000000	0.000000000	0.000000002	0.00000024	0.000000208	
39	0.000000000	0.000000000	0.000000002	0.00000019	0.000000165	
40	0.000000000	0.000000000	0.000000001	0.00000015	0.000000131	
41	0.000000000	0.000000000	0.000000001	0.00000012	0.000000105	
42	0.000000000	0.000000000	0.000000001	0.00000009	0.000000084	
43	0.000000000	0.000000000	0.000000001	0.00000007	0.000000069	
44	0.000000000	0.000000000	0.000000000	0.00000006	0.000000055	
45	0.000000000	0.000000000	0.000000000	0.00000005	0.000000044	
46	0.000000000	0.000000000	0.000000000	0.00000004	0.000000036	
47	0.000000000	0.000000000	0.000000000	0.00000003	0.000000030	
48	0.000000000	0.000000000	0.000000000	0.00000003	0.000000024	
49	0.000000000	0.000000000	0.000000000	0.00000002	0.000000020	
50	0.000000000	0.000000000	0.000000000	0.00000002	0.000000017	

M = 13

P(U ≤ U') (CONTINUED)

U'	7	8	9	10	11
13	0.003812780	0.013119435	0.034060535	0.081178009	0.156565967
14	0.002416207	0.008689919	0.023589985	0.058879616	0.118871988
15	0.001560701	0.005838232	0.016532059	0.042999282	0.070640284
16	0.001026009	0.003976031	0.011719837	0.031632481	0.069466505
17	0.000685622	0.002743073	0.008401063	0.023446172	0.053536390
18	0.000465181	0.001915826	0.006086430	0.017510260	0.041500302
19	0.000320116	0.001353701	0.004454455	0.013175325	0.032361239
20	0.000223218	0.000967086	0.003291672	0.009986481	0.025384543
21	0.00017582	0.000698169	0.002454821	0.007623608	0.02028695
22	0.000112539	0.000508925	0.001846728	0.005860139	0.015873666
23	0.000081245	0.000374478	0.001407794	0.004534723	0.012682937
24	0.000059252	0.000277989	0.001070907	0.003521687	0.0101175794
25	0.000043628	0.000208092	0.000824829	0.002767550	0.008207170
26	0.000032415	0.000157008	0.000639808	0.002181650	0.006652993
27	0.000024289	0.000119360	0.000499640	0.001729610	0.005419519
28	0.000018349	0.000091399	0.000392686	0.001378749	0.004435543
29	0.000013965	0.000070451	0.000310514	0.001104843	0.003646693
30	0.000010706	0.000054662	0.000246968	0.000889820	0.003011230
31	0.000008264	0.000042674	0.000197518	0.000720116	0.002496949
32	0.000006421	0.000033512	0.000158807	0.000585488	0.002078871
33	0.000005020	0.000026465	0.000128330	0.000478155	0.001737526
34	0.000003947	0.000021012	0.000104204	0.000392174	0.001457666
35	0.000003122	0.000016769	0.000085006	0.000327982	0.001227289
36	0.000002482	0.000013449	0.000069653	0.000267052	0.001036909
37	0.000001983	0.000010837	0.000057315	0.000221650	0.000878989
38	0.000001593	0.000008771	0.000047355	0.000184443	0.000747521
39	0.000001285	0.000007131	0.000039260	0.000154354	0.000647691
40	0.000001042	0.000005821	0.000032704	0.000129462	0.000545628
41	0.000000848	0.000004771	0.000027327	0.000108971	0.000468206
42	0.000000693	0.000003925	0.000022914	0.000092001	0.000402890
43	0.000000569	0.000003241	0.000019278	0.000077910	0.000347621
44	0.000000469	0.000002686	0.000016771	0.000066173	0.000300715
45	0.000000387	0.000002234	0.000013776	0.000056365	0.000260793
46	0.000000321	0.000001854	0.000011648	0.000048143	0.000226722
47	0.000000268	0.000001560	0.000009943	0.000041230	0.000197566
48	0.000000224	0.000001310	0.000008509	0.000035401	0.000172552
49	0.000000187	0.000001103	0.000007286	0.000030477	0.000150388
50	0.000000157	0.000000932	0.000006256	0.000026293	0.000132490

M = 13

P(U ≤ U') (CONTINUED)

U'	12	13	14	15	16
13	0.277186701	0.417910890	0.582089110	0.722813299	0.843474033
14	0.220506125	0.347548795	0.505646341	0.652451205	0.787963387
15	0.175335397	0.288262216	0.436478665	0.584695114	0.739886737
16	0.139559013	0.238886733	0.375147720	0.521173772	0.673720170
17	0.113096008	0.197969436	0.321539932	0.462763355	0.614074166
18	0.089023434	0.164268392	0.275155699	0.409804571	0.559162985
19	0.071430736	0.136566565	0.235305573	0.362281440	0.507396716
20	0.057519627	0.113756025	0.201234866	0.319956151	0.459208188
21	0.046492883	0.095010559	0.172167772	0.282462719	0.414786155
22	0.037726621	0.079572117	0.147497864	0.249384985	0.374144725
23	0.030734367	0.066837227	0.126507230	0.220274379	0.337178876
24	0.025137340	0.056307226	0.108672635	0.194701520	0.303707065
25	0.020640587	0.047579658	0.093514277	0.172259202	0.273502742
26	0.017014174	0.040326831	0.080620313	0.152572958	0.246316977
27	0.014078506	0.034282809	0.069640339	0.135304323	0.221894193
28	0.011692965	0.029231713	0.060773679	0.120151096	0.199277732
29	0.009747134	0.024998237	0.052280766	0.106845824	0.180341615
30	0.008154044	0.021439647	0.044739444	0.095153311	0.162764579
31	0.006844964	0.018439677	0.039575857	0.086867684	0.146982188
32	0.005765343	0.015901340	0.034540748	0.075809318	0.132862641
33	0.004871960	0.013752858	0.030208639	0.067821853	0.120211687
34	0.004130333	0.011924438	0.026473994	0.060769476	0.108871689
35	0.003511856	0.010365557	0.023247976	0.054553852	0.098702146
36	0.002995109	0.009032893	0.020455728	0.049012815	0.089575534
37	0.002561778	0.007890610	0.018034087	0.044117314	0.081379368
38	0.002197277	0.006908983	0.015923884	0.039770110	0.074601952
39	0.001849753	0.006063292	0.014097154	0.035904095	0.067384502
40	0.001679544	0.005332923	0.012498810	0.032460925	0.061416960
41	0.001498746	0.004700638	0.011015440	0.029398931	0.056038482
42	0.001270876	0.004151990	0.009877887	0.026646587	0.051186148
43	0.001060595	0.003674832	0.008804281	0.024516261	0.046804091
44	0.000933497	0.003288930	0.007963599	0.021904295	0.042842671
45	0.000805944	0.002895441	0.007024026	0.020021252	0.039257639
46	0.000704875	0.002577643	0.006266612	0.018250444	0.036010422
47	0.000617796	0.002298719	0.005648891	0.016656599	0.033365605
48	0.000545511	0.002051585	0.005075571	0.015270981	0.031019241
49	0.000477494	0.001837728	0.004567765	0.013925674	0.029463284
50	0.000421024	0.001647296	0.004115968	0.012754873	0.02753664

M = 13

P(U ≤ U') (CONTINUED)

N	17	18	19	20	21
13	0.918821991	0.965939465	0.486880565	0.996187720	0.998079867
14	0.881128012	0.944649347	0.476410015	0.992094295	0.997583793
15	0.838780455	0.918182124	0.462294163	0.985820583	0.995231151
16	0.793408073	0.887815967	0.444649347	0.971045582	0.991702188
17	0.746471125	0.852861539	0.423788482	0.958192662	0.986814653
18	0.699186447	0.815872757	0.400146168	0.952006728	0.980530036
19	0.652511493	0.777220634	0.374215887	0.935800303	0.972750952
20	0.607163669	0.737712250	0.346502301	0.917418288	0.963513289
21	0.563647209	0.698035660	0.317492060	0.897129661	0.952875981
22	0.52206916	0.658752882	0.287627960	0.875229321	0.940930341
23	0.48309497	0.620306955	0.257304487	0.852018704	0.927790131
24	0.446776842	0.583033773	0.226850533	0.827791593	0.913582993
25	0.412712609	0.547176686	0.196581215	0.802874436	0.898443334
26	0.381074003	0.512901529	0.1666100309	0.777370331	0.882506851
27	0.351778597	0.480310835	0.137405303	0.751655826	0.865506349
28	0.324719663	0.449466594	0.108842673	0.725874793	0.848768770
29	0.299772277	0.420351310	0.081123355	0.700213758	0.831213202
30	0.276806842	0.392977833	0.054358014	0.674803189	0.813349641
31	0.255682571	0.367204771	0.028511905	0.649769387	0.795278365
32	0.236271788	0.343266768	0.003709238	0.625211685	0.777089743
33	0.218442625	0.320766519	0.000000000	0.601209784	0.758864376
34	0.202070802	0.299779235	0.000000000	0.577826073	0.740671361
35	0.187038735	0.280206232	0.000000000	0.55510757	0.722579307
36	0.173226143	0.261967092	0.000000000	0.533089626	0.704635937
37	0.160560293	0.244981653	0.000000000	0.511694000	0.686889747
38	0.148915996	0.229170323	0.000000000	0.491235382	0.669380174
39	0.138215418	0.214457030	0.000000000	0.471412958	0.652140355
40	0.128377791	0.200787819	0.000000000	0.452345774	0.635170373
41	0.119329030	0.188032586	0.000000000	0.434008277	0.618574866
42	0.111001327	0.176184534	0.000000000	0.416396726	0.602289578
43	0.103332714	0.165160904	0.000000000	0.399497376	0.586355905
44	0.096266725	0.154902555	0.000000000	0.383293757	0.570786361
45	0.089751518	0.145354676	0.000000000	0.367767308	0.555582420
46	0.083770365	0.136465302	0.000000000	0.352847914	0.540754912
47	0.078309372	0.128148843	0.000000000	0.338564357	0.526304373
48	0.073306258	0.120373825	0.000000000	0.324864664	0.512231372
49	0.0688321431	0.113185665	0.000000000	0.3120016478	0.498534781
50	0.063934676	0.106583679	0.000000000	0.299557253	0.485212047

M = 13

P(U ≤ U') (CONTINUED)

N	22	23	24	25	26
13	0.999817511	0.999969809	0.999997500	0.999999808	1.000000000
14	0.999465907	0.999893660	0.999986988	0.999998554	0.999999950
15	0.998760114	0.999722559	0.999955879	0.999994765	0.999998229
16	0.997543330	0.999401744	0.999884475	0.999985044	0.999998420
17	0.995661117	0.998870740	0.999766092	0.999964930	0.999995324
18	0.992976570	0.998068334	0.999508429	0.999928457	0.999988661
19	0.989378744	0.996936831	0.999135547	0.999864653	0.999975733
20	0.984787906	0.995425214	0.998590033	0.999776840	0.999952663
21	0.979156390	0.993491158	0.997835027	0.999644972	0.999916664
22	0.972466831	0.991102030	0.996835937	0.999463978	0.999862166
23	0.964728711	0.988335076	0.995561735	0.999225065	0.999784740
24	0.955974039	0.984877024	0.993985843	0.998919787	0.999678856
25	0.946252784	0.981023292	0.992086636	0.998540253	0.999539027
26	0.935628662	0.976676579	0.989847626	0.998079281	0.999359760
27	0.924174115	0.971847742	0.987257109	0.997530504	0.999135676
28	0.911968815	0.966550671	0.984309161	0.996888435	0.998861622
29	0.899094732	0.960805213	0.981001371	0.996148489	0.998532758
30	0.885634746	0.954634165	0.977355773	0.995306983	0.998144621
31	0.871670578	0.948042792	0.973316416	0.994361103	0.997693179
32	0.857371357	0.941118045	0.968843151	0.993318869	0.997174856
33	0.842862281	0.933817698	0.964256337	0.992144073	0.996586553
34	0.827525402	0.926250789	0.959738842	0.990881221	0.995925652
35	0.812206155	0.918355158	0.953415412	0.989505667	0.995190006
36	0.796916124	0.910169081	0.948301169	0.988022544	0.994377879
37	0.781441447	0.901779973	0.942413761	0.986433648	0.993488175
38	0.765923158	0.893184364	0.936264062	0.984740623	0.992519913
39	0.750407321	0.884447729	0.929886655	0.982945401	0.991472701
40	0.734955226	0.875474368	0.923282404	0.981050647	0.990346454
41	0.719543646	0.866407327	0.916474441	0.979058446	0.989141416
42	0.704265086	0.857228347	0.909460260	0.976972314	0.987858129
43	0.689117806	0.847957846	0.902716691	0.974745111	0.986497402
44	0.674157559	0.838614920	0.895000301	0.972530149	0.985060284
45	0.659374982	0.829217356	0.887547361	0.970180806	0.983548032
46	0.644708787	0.819781669	0.880472341	0.967750406	0.981962097
47	0.630144586	0.810331355	0.872290865	0.965247459	0.980304060
48	0.615732543	0.800855843	0.864416680	0.962660471	0.978575680
49	0.601452125	0.791292745	0.856663142	0.960007936	0.976778801
50	0.588837328	0.78145714	0.848742903	0.957286336	0.974915172

P(U ≤ U*) (CONTINUED)

M = 14

N	2	3	4	5	6
14	0.000000050	0.000000098	0.000000123	0.0000005676	0.000362992
15	0.000000026	0.000000174	0.0000005067	0.000034400	0.000117435
16	0.000000014	0.000000206	0.000002888	0.000020320	0.000132957
17	0.000000008	0.000000117	0.000001886	0.000012275	0.000087867
18	0.000000004	0.000000068	0.000001005	0.000007568	0.000052571
19	0.000000002	0.000000040	0.000000612	0.000004756	0.000035905
20	0.000000001	0.000000024	0.000000379	0.000003041	0.000022205
21	0.000000001	0.000000015	0.000000219	0.000001976	0.000014752
22	0.000000001	0.000000009	0.000000133	0.000001304	0.000009933
23	0.000000000	0.000000006	0.000000100	0.000000872	0.000006773
24	0.000000000	0.000000004	0.000000066	0.000000591	0.000004673
25	0.000000000	0.000000003	0.000000044	0.000000406	0.000003260
26	0.000000000	0.000000002	0.000000030	0.000000282	0.000002298
27	0.000000000	0.000000001	0.000000020	0.000000198	0.000001636
28	0.000000000	0.000000001	0.000000014	0.000000140	0.000001176
29	0.000000000	0.000000001	0.000000010	0.000000100	0.000000853
30	0.000000000	0.000000000	0.000000007	0.000000073	0.000000623
31	0.000000000	0.000000000	0.000000005	0.000000053	0.000000450
32	0.000000000	0.000000000	0.000000004	0.000000040	0.000000361
33	0.000000000	0.000000000	0.000000003	0.000000029	0.000000255
34	0.000000000	0.000000000	0.000000002	0.000000021	0.000000192
35	0.000000000	0.000000000	0.000000001	0.000000016	0.000000146
36	0.000000000	0.000000000	0.000000001	0.000000012	0.000000111
37	0.000000000	0.000000000	0.000000001	0.000000009	0.000000085
38	0.000000000	0.000000000	0.000000001	0.000000007	0.000000066
39	0.000000000	0.000000000	0.000000000	0.000000005	0.000000051
40	0.000000000	0.000000000	0.000000000	0.000000004	0.000000043
41	0.000000000	0.000000000	0.000000000	0.000000003	0.000000031
42	0.000000000	0.000000000	0.000000000	0.000000003	0.000000025
43	0.000000000	0.000000000	0.000000000	0.000000002	0.000000019
44	0.000000000	0.000000000	0.000000000	0.000000002	0.000000015
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000012
46	0.000000000	0.000000000	0.000000000	0.000000001	0.000000010
47	0.000000000	0.000000000	0.000000000	0.000000001	0.000000009
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004

P(U ≤ U*) (CONTINUED)

M = 14

N	7	8	9	10	11
14	0.01475153	0.02553064	0.015747865	0.041234801	0.087111321
15	0.005919071	0.003603500	0.010657654	0.029106575	0.064177061
16	0.003581530	0.002373196	0.007264805	0.020717402	0.047562596
17	0.000377004	0.001544927	0.005057705	0.014872077	0.035482259
18	0.000247584	0.000726399	0.002547802	0.010767027	0.026649324
19	0.000176079	0.0003735116	0.0012516484	0.007860586	0.020152041
20	0.000111638	0.000509826	0.001803937	0.005788817	0.015342379
21	0.000076503	0.000357577	0.001206207	0.004292612	0.011758637
22	0.000051381	0.000253476	0.000954859	0.003205316	0.008570864
23	0.000037260	0.000181479	0.000704365	0.002417203	0.007041866
24	0.000026442	0.000115205	0.000524067	0.001833605	0.005500112
25	0.000018959	0.000095708	0.000393113	0.001400450	0.004421237
26	0.000013726	0.000070416	0.000297176	0.001076643	0.003415124
27	0.000010229	0.000052231	0.000226313	0.000833965	0.002711357
28	0.000007291	0.000039043	0.000174561	0.000648332	0.002167599
29	0.000005492	0.000029400	0.000133951	0.000507557	0.001740305
30	0.000004113	0.000022295	0.000104112	0.000394954	0.001404131
31	0.000003103	0.000017010	0.000081385	0.000316231	0.001138174
32	0.000002187	0.000013076	0.000061988	0.000247564	0.000926883
33	0.000001603	0.000010103	0.000050591	0.000201107	0.000758015
34	0.000001188	0.000007848	0.000040210	0.000161511	0.000622541
35	0.000000907	0.000006144	0.000031122	0.000130334	0.000513362
36	0.000000697	0.000004525	0.000023786	0.000105643	0.000424977
37	0.000000565	0.000003345	0.000017796	0.000086547	0.000353113
38	0.000000456	0.000002574	0.000013847	0.000070737	0.000294471
39	0.000000365	0.000002004	0.000011147	0.000057449	0.000246904
40	0.000000280	0.000001574	0.000009284	0.000047203	0.000217427
41	0.000000208	0.000001201	0.000007508	0.000039208	0.000187273
42	0.000000148	0.000000911	0.000006144	0.000032706	0.000164817
43	0.000000106	0.000000685	0.000005182	0.000027580	0.000146095
44	0.000000081	0.000000506	0.000004312	0.000023994	0.000127299
45	0.000000060	0.000000384	0.000003600	0.000020843	0.000112799
46	0.000000047	0.000000294	0.000003015	0.000018380	0.000106624
47	0.000000036	0.000000220	0.000002533	0.000016104	0.000095915
48	0.000000028	0.000000165	0.000002134	0.000014057	0.000086502
49	0.000000021	0.000000122	0.000001817	0.000012041	0.000078333

M = 14

(CONTINUED)

N	12	13	14	15	16
14	0.164689056	0.279792704	0.426597568	0.573402432	0.720207296
15	0.130614917	0.224746880	0.357624593	0.500000000	0.651867101
16	0.100710082	0.180446309	0.294856165	0.433558144	0.585425244
17	0.077880347	0.145010623	0.248650423	0.374498716	0.522555530
18	0.060643300	0.117452621	0.208841197	0.322678830	0.464258180
19	0.047086294	0.094221176	0.172031404	0.277630862	0.411019951
20	0.036844481	0.076265093	0.143162678	0.238725798	0.362960455
21	0.028960359	0.061630325	0.119269398	0.205278006	0.319956151
22	0.022868082	0.050466251	0.099519273	0.176608470	0.281730103
23	0.018141056	0.041264368	0.083194641	0.162080069	0.247920713
24	0.014457552	0.033864908	0.069693872	0.131114953	0.218128150
25	0.011574554	0.027892414	0.058516460	0.113230471	0.191945446
26	0.009308044	0.023058446	0.049248959	0.097888948	0.168978162
27	0.007518267	0.019129582	0.041551430	0.084793566	0.148855990
28	0.006098702	0.015626460	0.035145188	0.073582642	0.131238823
29	0.004967864	0.013057725	0.028402138	0.063915278	0.115819147
30	0.0034063170	0.011154019	0.025335718	0.055775072	0.102322082
31	0.002336358	0.009381307	0.021533325	0.048636223	0.090504000
32	0.001750058	0.007915864	0.018450358	0.042528271	0.080150332
33	0.001279215	0.006700381	0.015803579	0.037261117	0.071077995
34	0.00089142	0.005688914	0.013569924	0.032709518	0.063107697
35	0.000574054	0.004844520	0.011680090	0.028765013	0.056111291
36	0.000310052	0.004113732	0.010077267	0.025351228	0.049952178
37	0.0001103774	0.003543405	0.008714500	0.022381251	0.044543511
38	0.000028741	0.003042968	0.007553119	0.019795694	0.039770110
39	0.000018684	0.002620121	0.006546361	0.017540574	0.035557112
40	0.000063554	0.002218128	0.005712070	0.015669905	0.031835337
41	0.0000563328	0.001955735	0.004981276	0.013844784	0.028241414
42	0.0000479576	0.001698034	0.004356486	0.012331842	0.025624135
43	0.0000409381	0.001476436	0.003816245	0.011060617	0.023035612
44	0.0000350176	0.001286787	0.003344604	0.009831743	0.020736704
45	0.0000300639	0.001123933	0.002945689	0.008801334	0.018690869
46	0.0000258598	0.000985798	0.002585951	0.007800456	0.016869112
47	0.0000222969	0.000862531	0.002290873	0.007084679	0.015244349
48	0.0000192695	0.000758447	0.002025732	0.006370708	0.013793375
49	0.0000166790	0.000667947	0.001794402	0.005717588	0.012445917
50	0.0000144888	0.000586736	0.001592194	0.005175828	0.011334240

(CONTINUED)

M = 14

N	17	18	19	20	21
14	0.830310944	0.742888674	0.658761366	0.584252185	0.524446937
15	0.775259110	0.674621504	0.595236335	0.527733008	0.483345546
16	0.718304957	0.612200162	0.540814483	0.487350023	0.481967118
17	0.661358754	0.566281732	0.496503813	0.448144163	0.421238880
18	0.605857689	0.518568110	0.448160337	0.415542271	0.397858812
19	0.552745240	0.470306242	0.404441420	0.386945266	0.374503795
20	0.502724444	0.424884333	0.366721090	0.361624564	0.352805556
21	0.456136448	0.395900437	0.347849760	0.331428641	0.320907530
22	0.413132144	0.351104287	0.309074430	0.290704816	0.288369525
23	0.373711531	0.308487408	0.265075084	0.267233814	0.266225848
24	0.337771297	0.268291094	0.233133991	0.234164754	0.234293125
25	0.305141348	0.240611153	0.217057592	0.207008018	0.206876091
26	0.275611382	0.205571531	0.182104535	0.188082664	0.187937084
27	0.248953527	0.183064720	0.168873466	0.185663680	0.186793404
28	0.224970118	0.163035459	0.147717512	0.160366126	0.163435301
29	0.203309050	0.140538034	0.124714665	0.137100915	0.140777319
30	0.183860850	0.129673181	0.113979444	0.125337572	0.129287466
31	0.166390971	0.120667467	0.105209728	0.114702025	0.119568009
32	0.150691804	0.105445171	0.091761856	0.098720774	0.104437052
33	0.136581510	0.095410100	0.083505167	0.089090751	0.09400698
34	0.123904055	0.087499117	0.077149220	0.081583722	0.085520227
35	0.112504738	0.081714878	0.0720091020	0.074110812	0.077051226
36	0.102511884	0.076644515	0.0685081	0.070945522	0.073835626
37	0.093023365	0.07276444	0.065374171	0.067881621	0.070303582
38	0.084712533	0.06890563	0.0627004618	0.064757027	0.067475200
39	0.077271229	0.06444225	0.058399610	0.060386579	0.063162078
40	0.070465721	0.0602202	0.054854565	0.057020165	0.059668685
41	0.064366186	0.05645444	0.051300042	0.053115869	0.055825365
42	0.058854760	0.05111354	0.046689652	0.048597087	0.051330193
43	0.053870162	0.0461347	0.042000591	0.043796613	0.046068920
44	0.049357784	0.042106070	0.038324268	0.039747331	0.042049568
45	0.045268901	0.038777311	0.035771093	0.036942758	0.039259487
46	0.041560616	0.035468877	0.0328181955	0.033737454	0.036134852
47	0.038193420	0.032827212	0.0305687	0.031277327	0.033273352
48	0.035133544	0.02978546	0.027809652	0.028401985	0.030421252
49	0.032135042	0.02727379	0.025777711	0.02624224	0.028256214
50	0.029181574	0.0254072094	0.024061235	0.02445164	0.0262509413

PIU ≤ U* (CONTINUED)

M = 14

N	22	23	24	25	26
14	0.998524850	0.999637008	0.999940324	0.999990877	0.999999302
15	0.976731975	0.999080929	0.999813071	0.999965600	0.999996106
16	0.993779003	0.998074234	0.999538516	0.999904588	0.999985938
17	0.989397175	0.996463523	0.999033104	0.999782565	0.999961008
18	0.983382367	0.994108073	0.998203343	0.999508453	0.999909706
19	0.975606229	0.990890361	0.996953488	0.999227161	0.999816631
20	0.965016185	0.986721962	0.995142506	0.998721900	0.999653072
21	0.954628009	0.981545138	0.992835577	0.998016021	0.999427779
22	0.941514350	0.975333785	0.989827828	0.997074850	0.999087911
23	0.926791797	0.968086763	0.986106384	0.995867013	0.998620010
24	0.910608183	0.959527770	0.981640996	0.994365378	0.998000915
25	0.893131173	0.950594097	0.976413566	0.992547609	0.997208554
26	0.874533610	0.940457699	0.970420921	0.990396403	0.996222585
27	0.855010750	0.929471184	0.963673106	0.987894468	0.995024868
28	0.834724315	0.917714273	0.956161436	0.985249308	0.993559788
29	0.813848159	0.905265780	0.948006485	0.981842877	0.991934433
30	0.792540241	0.892206120	0.939156137	0.978281152	0.990018656
31	0.770966030	0.878615126	0.929683765	0.974368651	0.987845045
32	0.749197007	0.864571504	0.919636605	0.970112947	0.985438809
33	0.727410665	0.850149692	0.909064329	0.965574169	0.982707625
34	0.705691650	0.835421033	0.898017834	0.960614636	0.979741436
35	0.684129229	0.820452232	0.886548234	0.955398236	0.976512230
36	0.662832253	0.805306232	0.874706034	0.949890235	0.973023836
37	0.641776846	0.790037035	0.862540481	0.944106855	0.969281638
38	0.621108882	0.774690792	0.850099065	0.938064893	0.965292398
39	0.600843763	0.759340681	0.837427140	0.931781610	0.961064032
40	0.581019405	0.744002770	0.824867664	0.925274406	0.956605392
41	0.561651889	0.728722626	0.811641025	0.918560623	0.951926089
42	0.542807866	0.713515587	0.798444945	0.911657423	0.947036322
43	0.524452188	0.698471023	0.785254442	0.904581643	0.941946726
44	0.506621587	0.683358123	0.772021841	0.897344691	0.936668233
45	0.489319372	0.668810670	0.758776824	0.889977465	0.931214952
46	0.472548371	0.654257321	0.745546507	0.882480285	0.925589068
47	0.456308443	0.639911876	0.732355540	0.874872853	0.919810745
48	0.440596742	0.625788541	0.719265271	0.867169215	0.913988055
49	0.425407765	0.611899156	0.706178617	0.859382741	0.907831909
50	0.410734252	0.598253444	0.693230697	0.851526120	0.901653003

PIU ≤ U* (CONTINUED)

M = 14

N	27	28
14	0.999999950	1.000000000
15	0.999999950	0.999999987
16	0.999999950	0.999999974
17	0.999999950	0.999999961
18	0.999999950	0.999999948
19	0.999999950	0.999999935
20	0.999999950	0.999999922
21	0.999999950	0.999999909
22	0.999999950	0.999999896
23	0.999999950	0.999999883
24	0.999999950	0.999999870
25	0.999999950	0.999999857
26	0.999999950	0.999999844
27	0.999999950	0.999999831
28	0.999999950	0.999999818
29	0.999999950	0.999999805
30	0.999999950	0.999999792
31	0.999999950	0.999999779
32	0.999999950	0.999999766
33	0.999999950	0.999999753
34	0.999999950	0.999999740
35	0.999999950	0.999999727
36	0.999999950	0.999999714
37	0.999999950	0.999999701
38	0.999999950	0.999999688
39	0.999999950	0.999999675
40	0.999999950	0.999999662
41	0.999999950	0.999999649
42	0.999999950	0.999999636
43	0.999999950	0.999999623
44	0.999999950	0.999999610
45	0.999999950	0.999999597
46	0.999999950	0.999999584
47	0.999999950	0.999999571
48	0.999999950	0.999999558
49	0.999999950	0.999999545
50	0.999999950	0.999999532

PIU ≤ 0.1 (CONTINUED)

M = 15

N	1	2	3	4	5	6
15	0.000000013	0.000000193	0.00000272	0.000019147	0.000125917	
16	0.000000007	0.000000103	0.000001501	0.000017934	0.000074519	
17	0.000000004	0.000000057	0.000000848	0.000004362	0.000044997	
18	0.000000002	0.000000031	0.000000441	0.000002381	0.000022611	
19	0.000000001	0.000000018	0.000000240	0.000001217	0.000017330	
20	0.000000000	0.000000011	0.000000175	0.000001444	0.000011026	
21	0.000000000	0.000000005	0.000000107	0.000000912	0.000007122	
22	0.000000000	0.000000004	0.000000067	0.000000585	0.000004668	
23	0.000000000	0.000000002	0.000000042	0.000000381	0.000003098	
24	0.000000000	0.000000002	0.000000027	0.000000251	0.000002083	
25	0.000000000	0.000000001	0.000000018	0.000000168	0.000001417	
26	0.000000000	0.000000001	0.000000012	0.000000114	0.000000975	
27	0.000000000	0.000000000	0.000000008	0.000000078	0.000000677	
28	0.000000000	0.000000000	0.000000005	0.000000054	0.000000475	
29	0.000000000	0.000000000	0.000000004	0.000000038	0.000000337	
30	0.000000000	0.000000000	0.000000002	0.000000027	0.000000241	
31	0.000000000	0.000000000	0.000000002	0.000000016	0.000000174	
32	0.000000000	0.000000000	0.000000001	0.000000014	0.000000126	
33	0.000000000	0.000000000	0.000000001	0.000000010	0.000000092	
34	0.000000000	0.000000000	0.000000001	0.000000007	0.000000068	
35	0.000000000	0.000000000	0.000000000	0.000000005	0.000000051	
36	0.000000000	0.000000000	0.000000000	0.000000004	0.000000038	
37	0.000000000	0.000000000	0.000000000	0.000000003	0.000000029	
38	0.000000000	0.000000000	0.000000000	0.000000002	0.000000022	
39	0.000000000	0.000000000	0.000000000	0.000000001	0.000000016	
40	0.000000000	0.000000000	0.000000000	0.000000001	0.000000013	
41	0.000000000	0.000000000	0.000000000	0.000000001	0.000000010	
42	0.000000000	0.000000000	0.000000000	0.000000001	0.000000008	
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000006	
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005	
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004	
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003	
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002	
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002	
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001	
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001	

PIU ≤ 0.1 (CONTINUED)

M = 15

N	7	8	9	10	11
15	0.000553000	0.002241431	0.00647240	0.019878490	0.045716989
16	0.000334454	0.014441008	0.034610294	0.013703012	0.032797739
17	0.000212284	0.00947972	0.033944831	0.009535512	0.023705012
18	0.000135377	0.00612181	0.032103957	0.006980005	0.017264330
19	0.000087346	0.00407421	0.031447662	0.004748432	0.012670278
20	0.000057332	0.00274533	0.031007561	0.003356689	0.009369509
21	0.000038175	0.00187730	0.00708920	0.002450962	0.006980381
22	0.000025754	0.00124152	0.000504970	0.001781521	0.005238308
23	0.000017561	0.00069356	0.000361794	0.001308366	0.003958757
24	0.000012156	0.00043439	0.000262159	0.000967295	0.003012189
25	0.000008493	0.00025124	0.000191645	0.000720497	0.002307053
26	0.000005996	0.00013234	0.000111178	0.00040528	0.001778201
27	0.000004274	0.00007457	0.000010483	0.000248304	0.001378952
28	0.000003075	0.000047128	0.0000078637	0.000110472	0.001075626
29	0.000002332	0.00002605	0.000005945	0.0000737575	0.000843761
30	0.000001634	0.00001447	0.000004152	0.000048499	0.000662471
31	0.000001205	0.000008481	0.0000024416	0.0000314168	0.000527593
32	0.000000896	0.00000547	0.0000016474	0.0000210284	0.000420381
33	0.000000670	0.00000376	0.0000011546	0.0000136348	0.000356511
34	0.000000505	0.00000236	0.0000007440	0.00000867941	0.000270720
35	0.000000381	0.000001516	0.000000440	0.0000053726	0.000218725
36	0.00000029	0.000000987	0.000000241	0.00000342693	0.000177476
37	0.000000225	0.000000689	0.0000001704	0.0000024079	0.000144602
38	0.000000174	0.000000479	0.0000001169	0.0000017323	0.000118287
39	0.000000135	0.000000344	0.0000000845	0.0000012000	0.000095133
40	0.000000102	0.000000266	0.0000000645	0.0000009787	0.000080057
41	0.000000084	0.000000204	0.00000005180	0.0000007437	0.000066219
42	0.000000065	0.000000151	0.0000000372	0.0000005763	0.000054962
43	0.000000051	0.000000113	0.0000000284	0.0000004463	0.000045771
44	0.000000041	0.000000086	0.000000021	0.0000003405	0.000038240
45	0.000000033	0.000000067	0.000000016	0.0000002601	0.000032047
46	0.000000026	0.000000051	0.000000012	0.0000002047	0.000026938
47	0.000000021	0.000000040	0.000000009	0.0000001648	0.000022739
48	0.000000017	0.000000031	0.000000007	0.0000001302	0.000019198
49	0.000000014	0.000000024	0.000000005	0.0000001087	0.000016274
50	0.000000011	0.000000018	0.000000004	0.0000000862	0.000013832

PIU ≤ U*1 (CONTINUED)

M = 15

N	12	13	14	15	16
15	0.097393989	0.174099488	0.291182737	0.424066450	0.571133525
16	0.072802739	0.136151738	0.236171737	0.357624593	0.504592755
17	0.054620285	0.106145739	0.191162738	0.300470308	0.439273572
18	0.041153405	0.082059284	0.154626507	0.251889166	0.380597647
19	0.031154584	0.065042479	0.125116474	0.210936467	0.328632458
20	0.023704277	0.051179249	0.101350937	0.176608470	0.283095319
21	0.018129645	0.040428173	0.082237913	0.147538934	0.243504056
22	0.013539254	0.032066225	0.066870009	0.124047654	0.209281410
23	0.010774045	0.025540515	0.054505507	0.104159777	0.179823427
24	0.008371222	0.020429046	0.044544695	0.087608354	0.154541583
25	0.006537869	0.016409772	0.036506146	0.073827983	0.132886714
26	0.005131896	0.013236680	0.030005136	0.062344361	0.114360839
27	0.004048219	0.010721389	0.024735044	0.052762354	0.098521228
28	0.003202783	0.008719438	0.020451800	0.044754551	0.084479794
29	0.002655345	0.007119570	0.016546180	0.038050344	0.073399800
30	0.002044247	0.005835882	0.014108540	0.032426567	0.063491240
31	0.001642604	0.004801800	0.011770615	0.027699334	0.055005710
32	0.001325528	0.003965547	0.009849051	0.023711154	0.047731272
33	0.001074098	0.003286681	0.008264901	0.020355178	0.041487602
34	0.000873859	0.002733536	0.006955505	0.017510428	0.036121558
35	0.000713715	0.002281182	0.005869877	0.015097874	0.031803241
36	0.000585115	0.001909040	0.004967228	0.013047204	0.027522577
37	0.000481435	0.001604211	0.004214665	0.011300182	0.024086078
38	0.000397525	0.001351586	0.003585486	0.009808494	0.021114764
39	0.000329361	0.001142158	0.003058038	0.008531980	0.018614173
40	0.000273787	0.000967987	0.002614624	0.007437191	0.016309242
41	0.000228320	0.000822690	0.002241071	0.006496216	0.014369681
42	0.000180994	0.000701114	0.001923401	0.005685712	0.012681649
43	0.000140251	0.000595094	0.001658028	0.004984120	0.011210083
44	0.000113484	0.000513230	0.001431009	0.004381012	0.009925145
45	0.000091392	0.000440174	0.001237792	0.003856567	0.008801334
46	0.000070618	0.000374563	0.001072911	0.003401128	0.007816860
47	0.000059250	0.000324549	0.000937530	0.003004844	0.006953072
48	0.000049587	0.000283216	0.000811251	0.002659374	0.006193978
49	0.000041925	0.000245499	0.000707530	0.002357840	0.005525852
50	0.000036210	0.000213264	0.000618764	0.002093622	0.004936889

PIU ≤ U*1 (CONTINUED)

M = 15

N	17	18	19	20	21
15	0.708817263	0.875890512	0.952606011	0.954293011	0.980121513
16	0.642335407	0.770572948	0.863848263	0.930528261	0.967262261
17	0.578076836	0.714711299	0.820982548	0.901951118	0.950532261
18	0.517350408	0.658125309	0.775437727	0.859287661	0.930250118
19	0.461040448	0.602643436	0.728312760	0.834603863	0.906827635
20	0.409548462	0.549312444	0.681311763	0.795193533	0.880604859
21	0.362960455	0.498842111	0.634723767	0.755074661	0.852134417
22	0.321150715	0.451664404	0.589429882	0.712110212	0.821538493
23	0.283860947	0.407906623	0.545525152	0.674656446	0.790518411
24	0.250758100	0.367891251	0.504546593	0.634694539	0.758335087
25	0.221474812	0.331297141	0.465502210	0.595650155	0.727748101
26	0.195616817	0.298044397	0.428898100	0.557855668	0.693261116
27	0.172879309	0.267072059	0.394762273	0.521552487	0.661021722
28	0.152859891	0.240852610	0.363064720	0.486906324	0.624324169
29	0.135261348	0.218454629	0.333732813	0.454020156	0.593683788
30	0.119705961	0.194545531	0.306686986	0.422744184	0.566592182
31	0.106205166	0.174997769	0.281752930	0.403696421	0.539222983
32	0.094254227	0.157295687	0.257855395	0.386251865	0.511231107
33	0.083754550	0.141546472	0.237843047	0.369570103	0.484487689
34	0.075073114	0.127432516	0.221458176	0.356241720	0.458706224
35	0.068364645	0.114811743	0.200939617	0.342454440	0.434203723
36	0.0630187297	0.103517975	0.184790885	0.327452241	0.410877342
37	0.058564343	0.093409606	0.170013592	0.314286612	0.388712003
38	0.0547260314	0.084354212	0.156495571	0.291800072	0.367683342
39	0.044314620	0.074252460	0.144179338	0.274948272	0.347774674
40	0.037934867	0.064987044	0.122816555	0.264212525	0.328905245
41	0.034053745	0.057471635	0.1122465794	0.25477666	0.311070074
42	0.030608704	0.0516624808	0.102494036	0.245475756	0.294335568
43	0.027587985	0.046374394	0.094311001	0.2364321496	0.278335839
44	0.024825002	0.042665024	0.086378965	0.227475320	0.26338212
45	0.022399444	0.039241098	0.080910240	0.219464558	0.249186123
46	0.020236116	0.036888996	0.076427006	0.211732513	0.235848564
47	0.018304775	0.034516582	0.073614376	0.204370527	0.223577427
48	0.016576876	0.032040766	0.070700491	0.197373951	0.211421891
49	0.015030486	0.029737936	0.068545861	0.1907641006	0.200352565
50	0.013644394	0.027670551	0.066813044	0.184477546	0.189727489

P(U ≤ U*) (CONTINUED)

M = 15

U*	22	23	24	25	26
15	0.993040760	0.997738669	0.999447300	0.999874083	0.999980853
16	0.987206260	0.995389715	0.998696161	0.999660251	0.999936078
17	0.978871260	0.98782614	0.994479124	0.998111111	0.999567262
18	0.967830042	0.986600079	0.992287015	0.998544616	0.999610483
19	0.954028631	0.979774629	0.992257537	0.997458749	0.999279173
20	0.937545743	0.971142629	0.988133719	0.995888385	0.998721900
21	0.918565448	0.960839741	0.982800413	0.993780749	0.997868375
22	0.897546651	0.948761372	0.976182535	0.991035665	0.996748607
23	0.874195052	0.935007091	0.968244830	0.987608020	0.995214987
24	0.849438649	0.919836856	0.958888800	0.983458765	0.993246751
25	0.823409060	0.903272572	0.948447892	0.978564772	0.990799754
26	0.796427169	0.885525125	0.936681846	0.972917857	0.987838567
27	0.768793404	0.866767660	0.923770864	0.966523267	0.984336768
28	0.740781613	0.847172809	0.909810050	0.959397866	0.980276946
29	0.712635794	0.826907819	0.894404397	0.951568211	0.975440332
30	0.684568980	0.806431087	0.879164448	0.943068639	0.970456149
31	0.656763659	0.784989851	0.862702695	0.933959469	0.964707803
32	0.629373278	0.763618819	0.845630671	0.924775363	0.958396968
33	0.602524104	0.742134952	0.828056703	0.915937882	0.951562647
34	0.576318226	0.720640230	0.810684773	0.907234234	0.944220235
35	0.550835626	0.699276729	0.791510632	0.892056234	0.936395635
36	0.526127105	0.678070429	0.77326431	0.880489434	0.928117435
37	0.502267400	0.657114108	0.754714674	0.868582434	0.919416166
38	0.479254250	0.636467793	0.736051738	0.856382338	0.910336641
39	0.457117166	0.616182174	0.717405361	0.843934345	0.900872387
40	0.435871770	0.596260648	0.698836822	0.831281446	0.891005144
41	0.415489932	0.576852229	0.680400227	0.818464275	0.881024473
42	0.395960443	0.5578688429	0.662143080	0.805520775	0.870692382
43	0.377350552	0.539368088	0.644106687	0.792486344	0.860130079
44	0.359552016	0.521366140	0.626326652	0.779304067	0.849367743
45	0.342573104	0.503872721	0.608833234	0.766274003	0.838434356
46	0.326389467	0.4868893814	0.591651896	0.753153049	0.827357580
47	0.310974789	0.470441810	0.574803707	0.740071199	0.816163673
48	0.296301465	0.4544486127	0.558305771	0.727012694	0.804877428
49	0.282341009	0.439053477	0.542171637	0.714015239	0.793522154
50	0.269064532	0.424212440	0.526411676	0.701145469	0.782211965

P(U ≤ U*) (CONTINUED)

M = 15

U*	27	28	29	30
15	0.999947279	0.999999807	0.999999967	1.000000000
16	0.999940666	0.999998469	0.999999807	0.999999997
17	0.999918111	0.999995588	0.999999541	0.999999972
18	0.999922831	0.999987084	0.999998548	0.999999864
19	0.999839302	0.999968564	0.999996262	0.999999560
20	0.999699271	0.999933171	0.999991666	0.999998467
21	0.999482077	0.999719121	0.999941653	0.999993214
22	0.999165337	0.99973794	0.999969470	0.999994205
23	0.998725495	0.999676128	0.999947640	0.999988677
24	0.998140764	0.999414915	0.999615488	0.999970437
25	0.997387822	0.999125134	0.999659981	0.999967496
26	0.996466650	0.998742163	0.999607578	0.999944466
27	0.995429827	0.998250371	0.999575466	0.999921694
28	0.994288653	0.997634994	0.999620541	0.9998865280
29	0.992322570	0.996882448	0.999484171	0.999837145
30	0.990470349	0.995980012	0.999455177	0.999751106
31	0.988663367	0.994961678	0.999426234	0.999696881
32	0.985997111	0.993860667	0.999384509	0.999600141
33	0.983368526	0.992663275	0.999340906	0.999482536
34	0.980477082	0.991363485	0.999293355	0.999341175
35	0.977324313	0.989868249	0.999238574	0.999175430
36	0.973913590	0.988177425	0.999175680	0.998981413
37	0.970249898	0.986187881	0.999106325	0.998757548
38	0.966335610	0.98398576	0.999034752	0.998501611
39	0.962140279	0.981709677	0.9989577689	0.998213306
40	0.957810410	0.979225500	0.998874147	0.997887271
41	0.953208376	0.976393100	0.998784423	0.997525069
42	0.948397049	0.973076363	0.998689065	0.997124294
43	0.943383445	0.969399354	0.998581307	0.996683572
44	0.938180484	0.965351330	0.998462561	0.996201767
45	0.932791894	0.960944891	0.998332746	0.995677873
46	0.927247048	0.956226034	0.998197982	0.995111027
47	0.921539125	0.951161052	0.9980444819	0.994500552
48	0.915684933	0.9457036506	0.997875119	0.993847854
49	0.909695330	0.940559587	0.997693334	0.993146521
50	0.903580960	0.935027118	0.997498947	0.992402252

4 = 16

[illegible]

M = 16

	T	B	C	10	11
16	0.000201690	0.000340533	0.007951745	0.0035156649	0.002765740
17	0.000122704	0.000358587	0.004123745	0.006182100	0.001576194
18	0.000075414	0.000366191	0.001286474	0.004216729	0.001129026
19	0.000047337	0.000230737	0.000847523	0.002005146	0.000494201
20	0.000031600	0.000140623	0.000571716	0.001211635	0.000268517
21	0.000019843	0.0000102113	0.000039519	0.001419446	0.000193265
22	0.000012829	0.000027249	0.000027134	0.001305995	0.000106302
23	0.000008533	0.000010823	0.000009799	0.000138181	0.000063346
24	0.000005746	0.000001327	0.000133552	0.000518572	0.0001672431
25	0.000003914	0.000021783	0.000005540	0.000316919	0.0001249343
26	0.00002696	0.000015268	0.000068688	0.000276090	0.0000539777
27	0.00001874	0.000009517	0.000039266	0.000121635	0.000026357
28	0.000013119	0.0000007706	0.000036450	0.000151424	0.0000542337
29	0.000000935	0.000005546	0.000026868	0.000113312	0.0000415865
30	0.000006243	0.000002941	0.000029719	0.000081946	0.0000263437
31	0.000003643	0.000002941	0.000014922	0.000064692	0.0000243841
32	0.000000351	0.000002165	0.000011236	0.000049331	0.0000146094
33	0.000000258	0.000001626	0.000008151	0.000038736	0.0000125189
34	0.000000194	0.000000940	0.000004134	0.000025442	0.0000082668
35	0.000000141	0.000000900	0.000004980	0.000022627	0.0000043378
36	0.000000106	0.000000681	0.000003842	0.000017635	0.000003457
37	0.000000090	0.000000517	0.000002979	0.000013811	0.0000026344
38	0.000000060	0.000000349	0.000002323	0.000010870	0.0000024478
39	0.000000404	0.000000304	0.000001820	0.000008954	0.0000015076
40	0.000000035	0.000000235	0.000001433	0.000006824	0.0000011625
41	0.000000027	0.000000142	0.000001134	0.000005442	0.0000008266
42	0.000000021	0.000000142	0.000000901	0.000004358	0.0000005954
43	0.000000131	0.000000112	0.000000719	0.000003504	0.0000017151
44	0.000000016	0.000000066	0.000000463	0.000002581	0.0000009518
45	0.000000013	0.000000066	0.000000463	0.000002291	0.0000011613
46	0.000000004	0.000000054	0.000000374	0.000001862	0.0000009600
47	0.000000006	0.000000044	0.000000302	0.000001519	0.0000007963
48	0.000000003	0.000000024	0.000000174	0.000000918	0.0000004634
49	0.000000004	0.000000028	0.000000131	0.000001021	0.0000005529
50	0.000000003	0.000000023	0.000000165	0.000000841	0.0000004628

P(U ≤ U*) (CONTINUED)

M = 16

N	12	13	14	15	16
16	0.052801739	0.102811739	0.186161738	0.293326022	0.431108674
17	0.038460029	0.077806739	0.146507344	0.239743880	0.365928666
18	0.028156938	0.059070210	0.115279766	0.199579205	0.309145512
19	0.020724174	0.044017814	0.080738477	0.159444471	0.260125759
20	0.015742324	0.034555353	0.071619567	0.130020474	0.218759514
21	0.011425020	0.024915593	0.056624739	0.106120193	0.183614426
22	0.008556406	0.020464964	0.044888672	0.086157885	0.150647693
23	0.006448960	0.015885518	0.035690641	0.071056930	0.129259738
24	0.004887851	0.012390497	0.028467596	0.058125066	0.108524988
25	0.003725624	0.009110900	0.021817953	0.047989788	0.091203494
26	0.002856175	0.007647166	0.018293820	0.039587123	0.076741764
27	0.002201455	0.006050170	0.014740809	0.032742847	0.064667643
28	0.001705877	0.004898650	0.011919173	0.027156007	0.054582309
29	0.001328710	0.003839034	0.009671099	0.022584957	0.046151261
30	0.001040138	0.003078329	0.007874073	0.018835772	0.039095342
31	0.000818208	0.002478861	0.006432799	0.015752794	0.033162366
32	0.000646608	0.002004499	0.005272977	0.013210977	0.028218801
33	0.000513427	0.001627244	0.004336529	0.011109742	0.024047961
34	0.000409442	0.001326213	0.003577929	0.009368059	0.020536737
35	0.000327974	0.001084957	0.002961388	0.007920527	0.017570742
36	0.000261709	0.000890844	0.002458684	0.006714250	0.015065398
37	0.000212927	0.000734060	0.002047495	0.005705352	0.012943652
38	0.000173853	0.000606953	0.001710113	0.004862001	0.011453242
39	0.000140412	0.000509532	0.001432443	0.004178726	0.009912550
40	0.000114652	0.000419085	0.001201231	0.003555669	0.008308553
41	0.000093947	0.000349896	0.001013466	0.003051575	0.007125504
42	0.000077244	0.000293018	0.000855909	0.002624994	0.006243777
43	0.000063719	0.000246111	0.000724727	0.002263136	0.005427863
44	0.000052721	0.000207304	0.000615206	0.001955454	0.004727520
45	0.000043772	0.000175151	0.000523218	0.001692321	0.004125084
46	0.000036445	0.000146435	0.000446557	0.001468243	0.003605890
47	0.000030433	0.000125029	0.000381832	0.001277495	0.003157603
48	0.000025484	0.000107204	0.000327218	0.001112985	0.002769831
49	0.000021399	0.000091489	0.000281360	0.000991647	0.002431799
50	0.000018016	0.000078264	0.000241901	0.000849653	0.002142087

P(U ≤ U*) (CONTINUED)

M = 16

N	17	18	19	20	21
16	0.568891356	0.706673978	0.813618762	0.897188261	0.947198261
17	0.509000000	0.641957884	0.760561203	0.848399862	0.921919261
18	0.436007607	0.578865491	0.705050276	0.815461963	0.892750144
19	0.380124454	0.518637586	0.640844473	0.769710979	0.859626638
20	0.326683315	0.462791876	0.585800457	0.724357366	0.823683974
21	0.285313795	0.411227298	0.544135497	0.674712963	0.785703385
22	0.246571178	0.364328341	0.495169634	0.627464719	0.746530295
23	0.212926574	0.322056539	0.444375182	0.581409329	0.706841769
24	0.185824870	0.284724714	0.406935614	0.537085800	0.667231525
25	0.158724910	0.250554035	0.367891251	0.494864856	0.628187142
26	0.137118057	0.220716000	0.332179474	0.454996655	0.590095060
27	0.118940736	0.194362126	0.299169613	0.417613998	0.553250041
28	0.102578338	0.171144063	0.27018517	0.382766793	0.517866725
29	0.088865187	0.150726735	0.243519056	0.350440250	0.484091742
30	0.077082035	0.132795851	0.219461788	0.320572047	0.452015384
31	0.066952250	0.117062356	0.197981394	0.293066364	0.421682306
32	0.058237449	0.103263921	0.178308340	0.267805101	0.393100987
33	0.050733037	0.091164971	0.160767746	0.244656571	0.366251868
34	0.044263928	0.080556392	0.145076216	0.223482218	0.341094221
35	0.038680589	0.071250067	0.130460776	0.204141577	0.317571820
36	0.033855481	0.063084499	0.118294868	0.186495911	0.295617580
37	0.029679007	0.055915118	0.106528977	0.170410759	0.275157267
38	0.026061257	0.049615987	0.096725445	0.155757668	0.256112447
39	0.022920677	0.044077056	0.087565273	0.142415275	0.238402780
40	0.020190765	0.039202303	0.079327772	0.130269918	0.221947779
41	0.017814532	0.034908010	0.071944706	0.119215824	0.206681366
42	0.015742358	0.031121336	0.065296843	0.109155411	0.192486693
43	0.013933066	0.027778747	0.059716130	0.099998499	0.179329119
44	0.012350703	0.024825002	0.054831698	0.091662602	0.167124438
45	0.010964670	0.022211988	0.049805582	0.084075240	0.155405137
46	0.009746743	0.019897806	0.044706625	0.077151545	0.145307640
47	0.008590421	0.017845949	0.040754767	0.070858967	0.135572058
48	0.007740367	0.016024594	0.037185396	0.065116308	0.126542316
49	0.006911944	0.014405983	0.033973752	0.059879072	0.118166042
50	0.006180818	0.012965887	0.031059402	0.055100325	0.110394446

PIU ≤ U¹ (CONTINUED)

M = 16

N	22	23	24	25	26
16	0.977204260	0.990843351	0.997042938	0.999109467	0.999798310
17	0.983613624	0.984023806	0.994743731	0.998076202	0.999495836
18	0.945747754	0.974455541	0.989984420	0.996372502	0.998927461
19	0.924359431	0.962610630	0.984007901	0.993817100	0.997978870
20	0.899585154	0.947898851	0.976133781	0.990251355	0.996525833
21	0.871884183	0.930643818	0.960253718	0.985545497	0.994486472
22	0.841782756	0.911057273	0.954353846	0.979610180	0.991637006
23	0.809828405	0.889408986	0.940476739	0.972394085	0.987998120
24	0.776557095	0.860027933	0.924730849	0.963882793	0.983458765
25	0.742633886	0.841156507	0.907266731	0.954054807	0.977967943
26	0.707999122	0.815184633	0.888565663	0.943076436	0.971496837
27	0.673553113	0.788388255	0.867927609	0.930896264	0.964037662
28	0.639456664	0.761046602	0.846461022	0.917639705	0.955601670
29	0.605981903	0.733612525	0.824074629	0.903403969	0.946216628
30	0.573347695	0.705710216	0.800971122	0.888293618	0.935924071
31	0.542123848	0.678136691	0.775942597	0.872416801	0.924776518
32	0.511237137	0.650855222	0.753367318	0.855882153	0.912834828
33	0.481977048	0.624003404	0.729208112	0.838796350	0.900165764
34	0.454001747	0.597102227	0.705011030	0.821262232	0.886839834
35	0.427541023	0.572041476	0.680905429	0.803577437	0.872929434
36	0.402011207	0.547091426	0.657004198	0.785233431	0.858507279
37	0.377995922	0.522613056	0.633404488	0.766914970	0.843645131
38	0.355286582	0.499339868	0.610188966	0.748490731	0.828412773
39	0.333941785	0.477000292	0.587425587	0.730058259	0.812877231
40	0.313625641	0.455309609	0.565171510	0.711654044	0.797102188
41	0.294951103	0.434471732	0.543471624	0.693466177	0.781147585
42	0.276695139	0.414490785	0.522361113	0.675177411	0.765069352
43	0.259880211	0.395352501	0.501866340	0.657199023	0.748919274
44	0.244495451	0.377045534	0.482005947	0.639446717	0.732744951
45	0.229787618	0.359552016	0.462791864	0.621953298	0.716589826
46	0.215403831	0.342851452	0.444230247	0.604746656	0.700493290
47	0.202052149	0.326920498	0.426322287	0.587850192	0.684490814
48	0.189303195	0.311733143	0.409065032	0.571283227	0.668614144
49	0.177878491	0.297266006	0.392452000	0.555061408	0.652891457
50	0.168092659	0.283489085	0.376471809	0.539197075	0.637347617

PIU ≤ U¹ (CONTINUED)

M = 16

N	27	28	29	30	31
16	0.999957274	0.999993958	0.999999196	0.999999947	0.999999997
17	0.999877792	0.999978580	0.999996518	0.999999663	0.999999972
18	0.999714011	0.999940784	0.999989379	0.999998635	0.999999869
19	0.999419205	0.999862186	0.999971181	0.999995752	0.999999560
20	0.998939094	0.999715762	0.999941525	0.999989260	0.999998307
21	0.998215115	0.999479443	0.999885834	0.999976143	0.999997215
22	0.997187849	0.999109295	0.999795525	0.999952378	0.999994705
23	0.995800138	0.998570085	0.999562779	0.999912662	0.999988977
24	0.993944673	0.997822200	0.999460426	0.999850479	0.999980497
25	0.991740907	0.996826309	0.999187188	0.999756198	0.999967496
26	0.989386314	0.995544868	0.998824145	0.999627233	0.999948469
27	0.985707037	0.993943361	0.998355677	0.999448250	0.999921699
28	0.981883030	0.991991245	0.997767368	0.999211399	0.999885280
29	0.977502803	0.989662612	0.997045533	0.998906548	0.999837145
30	0.972562881	0.986936588	0.996176775	0.998523519	0.999775106
31	0.967067059	0.983797583	0.995150103	0.998052302	0.999696881
32	0.961025553	0.980234444	0.993955080	0.997483243	0.999600141
33	0.954454091	0.976242048	0.992581916	0.996807212	0.999482536
34	0.947371005	0.971814093	0.991026734	0.996015711	0.999341729
35	0.939806358	0.966968678	0.988280584	0.995101082	0.999175430
36	0.931781127	0.961697669	0.987340419	0.994056377	0.998981413
37	0.923326453	0.956016726	0.985203523	0.992875912	0.998757548
38	0.914472972	0.949937340	0.982868539	0.991553640	0.998501811
39	0.905252237	0.943476177	0.980333170	0.990086476	0.998212306
40	0.895696202	0.936650618	0.977605074	0.988470537	0.997887271
41	0.885836800	0.929478955	0.974679757	0.986705616	0.997525089
42	0.875705586	0.921581318	0.971567461	0.984764078	0.997124294
43	0.865333439	0.914178543	0.968257051	0.982771125	0.996683572
44	0.854750733	0.906091465	0.964781155	0.980484941	0.996201767
45	0.843985152	0.897741200	0.961100946	0.978050946	0.995677871
46	0.833065541	0.889143818	0.957260997	0.975755532	0.995111037
47	0.822017844	0.880365143	0.953256692	0.972995578	0.994500952
48	0.810867023	0.871338894	0.949088443	0.970068480	0.993845856
49	0.799616552	0.862155144	0.944769024	0.967097100	0.993146521
50	0.788348450	0.852814190	0.940303409	0.964984701	0.992402257

P(U ≤ U*) (CONTINUED)

M = 16

U*	
N	32
16	1.000000000
17	0.999999999
18	0.999999998
19	0.999999997
20	0.999999996
21	0.999999995
22	0.999999994
23	0.999999993
24	0.999999992
25	0.999999991
26	0.999999990
27	0.999999989
28	0.999999988
29	0.999999987
30	0.999999986
31	0.999999985
32	0.999999984
33	0.999999983
34	0.999999982
35	0.999999981
36	0.999999980
37	0.999999979
38	0.999999978
39	0.999999977
40	0.999999976
41	0.999999975
42	0.999999974
43	0.999999973
44	0.999999972
45	0.999999971
46	0.999999970
47	0.999999969
48	0.999999968
49	0.999999967
50	0.999999966

P(U ≤ U*) (CONTINUED)

M = 17

U*		2	3	4	5	6
N						
17	0.000000000	0.000000015	0.000000214	0.000001879	0.00001221	
18	0.000000000	0.000000008	0.000000116	0.000001051	0.000008250	
19	0.000000000	0.000000004	0.000000071	0.000000607	0.000004878	
20	0.000000000	0.000000002	0.000000034	0.000000356	0.000002936	
21	0.000000000	0.000000001	0.000000017	0.000000173	0.000001797	
22	0.000000000	0.000000000	0.000000008	0.000000089	0.000001117	
23	0.000000000	0.000000000	0.000000004	0.000000040	0.000000705	
24	0.000000000	0.000000000	0.000000002	0.000000020	0.000000451	
25	0.000000000	0.000000000	0.000000001	0.000000010	0.000000292	
26	0.000000000	0.000000000	0.000000000	0.000000005	0.000000191	
27	0.000000000	0.000000000	0.000000000	0.000000002	0.000000121	
28	0.000000000	0.000000000	0.000000000	0.000000001	0.000000085	
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000058	
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000040	
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000027	
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000016	
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000013	
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000009	
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000007	
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005	
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004	
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003	
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002	
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001	
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	

P(U ≤ U') (CONTINUED)

M = 17

N	7	8	9	10	11
17	0.000071814	0.000340583	0.001214081	0.004052949	0.010866232
18	0.000043018	0.000210861	0.000777332	0.002686548	0.007459990
19	0.000026233	0.000132534	0.000504586	0.001800176	0.005168530
20	0.000016268	0.000084501	0.000331848	0.001218884	0.003613882
21	0.000010247	0.000054609	0.000220968	0.000833724	0.002549439
22	0.000006550	0.000035746	0.000148879	0.000575867	0.001814132
23	0.000004245	0.000023683	0.000101436	0.000401514	0.001301747
24	0.000002787	0.000015873	0.000069849	0.000282484	0.000941654
25	0.000001853	0.000010754	0.000048586	0.000200468	0.000686491
26	0.000001246	0.000007362	0.000034121	0.000143449	0.000504233
27	0.000000847	0.000005089	0.000024182	0.000103467	0.000373039
28	0.000000582	0.000003552	0.000017287	0.000075200	0.00027896
29	0.000000403	0.000002500	0.000012463	0.000055057	0.000208409
30	0.000000282	0.000001775	0.000009054	0.000040592	0.000157286
31	0.000000200	0.000001271	0.000006628	0.000030130	0.000119439
32	0.000000142	0.000000917	0.000004887	0.000022509	0.000091234
33	0.000000102	0.000000666	0.000003628	0.000016920	0.000070089
34	0.000000074	0.000000488	0.000002711	0.000012795	0.000054139
35	0.000000054	0.000000355	0.000002039	0.000009731	0.000042038
36	0.000000040	0.000000266	0.000001543	0.000007442	0.000032897
37	0.000000029	0.000000199	0.000001174	0.000005721	0.000025729
38	0.000000022	0.000000149	0.000000898	0.000004421	0.000020272
39	0.000000016	0.000000113	0.000000691	0.000003453	0.000016045
40	0.000000012	0.000000086	0.000000534	0.000002678	0.000012755
41	0.000000009	0.000000065	0.000000415	0.000002099	0.000010182
42	0.000000007	0.000000050	0.000000324	0.000001653	0.000008161
43	0.000000005	0.000000039	0.000000254	0.000001307	0.000006567
44	0.000000004	0.000000030	0.000000200	0.000001037	0.000005305
45	0.000000003	0.000000023	0.000000159	0.000000827	0.000004301
46	0.000000002	0.000000018	0.000000126	0.000000661	0.000003499
47	0.000000002	0.000000014	0.000000101	0.000000531	0.000002857
48	0.000000002	0.000000011	0.000000081	0.000000428	0.000002340
49	0.000000001	0.000000009	0.000000065	0.000000346	0.000001923
50	0.000000001	0.000000007	0.000000052	0.000000281	0.000001585

P(U ≤ U') (CONTINUED)

M = 17

N	12	13	14	15	16
17	0.027218111	0.057196557	0.112157042	0.190674014	0.302836273
18	0.019371022	0.042207334	0.085680213	0.151414530	0.248478135
19	0.013874558	0.031286615	0.065868894	0.120212474	0.204903769
20	0.010000544	0.023306089	0.050626808	0.095510847	0.167994387
21	0.007554000	0.017451649	0.03620638	0.075996047	0.137621730
22	0.005798353	0.01311881	0.030117322	0.060589627	0.112734435
23	0.004389447	0.009943982	0.023411465	0.048422505	0.092367960
24	0.00380887	0.007567367	0.018231150	0.038802874	0.075806610
25	0.003144561	0.005789737	0.014254644	0.031184458	0.062280035
26	0.002606267	0.00453172	0.011187799	0.025138096	0.051251952
27	0.0021210295	0.003442978	0.008815373	0.020327648	0.042255791
28	0.00171255	0.002675493	0.006974699	0.016490223	0.034809863
29	0.001369994	0.002085414	0.005537939	0.013420281	0.028903459
30	0.0010535751	0.001639606	0.004415015	0.010457051	0.023584481
31	0.000812749	0.001292680	0.003533245	0.008974616	0.019948810
32	0.000619622	0.001023812	0.002858113	0.007374213	0.016671356
33	0.000487738	0.000814456	0.002289310	0.006078213	0.013898647
34	0.000394505	0.000650697	0.001851613	0.005075462	0.011642753
35	0.0003152805	0.000522028	0.001503546	0.004167685	0.009776337
36	0.00025555	0.00040452	0.00125119	0.003466581	0.008228661
37	0.000209573	0.000340029	0.001001611	0.002891847	0.006942352
38	0.000176968	0.000276035	0.000821568	0.002419288	0.005873639
39	0.000146751	0.000224898	0.000676044	0.002029600	0.004976118
40	0.000118773	0.000183841	0.000558030	0.001707325	0.004227373
41	0.0000939261	0.000150825	0.000462016	0.001440047	0.003599336
42	0.000071753	0.000124151	0.000383653	0.001217767	0.003071354
43	0.000057559	0.000102526	0.000315499	0.001017409	0.002626433
44	0.0000420970	0.000084934	0.000266818	0.000877428	0.002250838
45	0.0000317128	0.000070574	0.000223431	0.000747511	0.001932930
46	0.0000214036	0.000058816	0.000187566	0.000638328	0.001643314
47	0.000011538	0.000049158	0.000157917	0.000546342	0.001434171
48	0.000009514	0.000041200	0.000133267	0.000468657	0.001239019
49	0.000007868	0.000034823	0.000112741	0.000402894	0.001072777
50	0.000006526	0.000029193	0.000095605	0.000339095	0.000930066

P(1) ≤ U(1) (CONTINUED)

N = 17

U	17	18	19	20	21
N					
17	0.429021058	0.570978942	0.647163727	0.809327981	0.887842958
18	0.365928666	0.503830610	0.634071334	0.756650840	0.848585470
19	0.310767888	0.441774735	0.572781582	0.702171040	0.805482643
20	0.263129035	0.385445009	0.514556316	0.647442808	0.760396325
21	0.222357043	0.335016493	0.460193661	0.593715973	0.713886053
22	0.187692597	0.290352688	0.410122794	0.541933281	0.667153244
23	0.158361142	0.251112187	0.364445087	0.492757830	0.621019574
24	0.133624949	0.216883356	0.323269098	0.446614886	0.576127963
25	0.112810347	0.187148210	0.286265361	0.403717540	0.532956938
26	0.095319085	0.161419764	0.253263111	0.364210201	0.491841675
27	0.080630041	0.139219297	0.223848222	0.328002900	0.452997313
28	0.068295460	0.120130697	0.197808553	0.295023319	0.416541776
29	0.057924413	0.103658166	0.174784003	0.265102527	0.382516608
30	0.049225127	0.089528739	0.154423335	0.238055012	0.350905125
31	0.041897197	0.077361855	0.136549619	0.213673814	0.321647688
32	0.035724213	0.066867071	0.120774215	0.191745646	0.294654220
33	0.030517070	0.058010785	0.106488501	0.170587688	0.269816219
34	0.026118076	0.050312545	0.094669072	0.154408502	0.247004618
35	0.022395950	0.043691271	0.083915975	0.138600530	0.226095818
36	0.019240972	0.037991663	0.074451360	0.124453183	0.206956274
37	0.016567302	0.033080768	0.066117699	0.111798395	0.189455579
38	0.014281892	0.028844998	0.058776159	0.100420241	0.173467335
39	0.012342412	0.025187387	0.052304557	0.090363742	0.158870276
40	0.010684966	0.022025211	0.046505679	0.081316339	0.145549561
41	0.009267469	0.019287918	0.041555583	0.073225151	0.133377330
42	0.008052869	0.016915331	0.037102050	0.065987111	0.122312981
43	0.007010226	0.014856112	0.033163178	0.059509855	0.112203310
44	0.006113554	0.013060441	0.029676118	0.053710791	0.102981873
45	0.005341010	0.011508895	0.026585945	0.048516201	0.094564737
46	0.004674211	0.010151484	0.023844663	0.043860373	0.086894148
47	0.004097617	0.008914037	0.021410137	0.039684768	0.079588649
48	0.003598251	0.007931541	0.019246237	0.035937420	0.073492582
49	0.003164925	0.007025490	0.017320332	0.032571944	0.067650668
50	0.002788264	0.006231453	0.015604525	0.029547234	0.062312602

P(1) ≤ U(1) (CONTINUED)

N = 17

U	22	23	24	25	26
N					
17	0.942803443	0.977781889	0.989133768	0.995947051	0.998785919
18	0.91729993	0.957792666	0.981819690	0.992540410	0.997504373
19	0.897198014	0.939071432	0.971408108	0.985764466	0.995456055
20	0.853416869	0.916835967	0.958352688	0.980839639	0.992371111
21	0.816698233	0.891470728	0.942451974	0.972191035	0.988122674
22	0.777874053	0.863431042	0.923824211	0.961569942	0.982539792
23	0.737737760	0.833234456	0.902686602	0.948988031	0.975514892
24	0.697006936	0.801402225	0.879324143	0.934518835	0.966986300
25	0.656302726	0.768435260	0.854063741	0.918285102	0.956936847
26	0.616145632	0.736795500	0.827251501	0.900445835	0.945389724
27	0.576946140	0.700894966	0.799234531	0.881184168	0.932402691
28	0.539032381	0.667090741	0.770347284	0.860696759	0.918061505
29	0.502640245	0.633684212	0.740902004	0.839184979	0.902473259
30	0.467934872	0.600923220	0.711182651	0.816847939	0.885760083
31	0.435020255	0.569006017	0.681441620	0.793877224	0.868053491
32	0.403950222	0.538086225	0.651898592	0.770453140	0.849489506
33	0.374738382	0.508278225	0.622740968	0.746762231	0.830204633
34	0.347366861	0.479662544	0.594125267	0.722895830	0.810332632
35	0.321793789	0.452291023	0.566179518	0.699049429	0.790002047
36	0.297959578	0.426191577	0.540005652	0.675322660	0.769374389
37	0.275792094	0.401372480	0.512683368	0.651815727	0.748442894
38	0.255210834	0.377826158	0.487267907	0.628630167	0.727431747
39	0.236230427	0.355324668	0.465802754	0.605829803	0.706355696
40	0.218467048	0.334461519	0.443631275	0.584481876	0.685415964
41	0.202120793	0.314576050	0.416808556	0.561637940	0.664580394
42	0.187015519	0.295833423	0.395241523	0.540339501	0.643943771
43	0.173064034	0.278187277	0.376598355	0.519618647	0.623568265
44	0.160184396	0.261588870	0.355193000	0.499449366	0.603503955
45	0.148498863	0.245988182	0.336577823	0.479998506	0.583793408
46	0.137335738	0.231324784	0.318874564	0.461126705	0.564472729
47	0.127219547	0.217578525	0.302077002	0.442889251	0.545665901
48	0.117841129	0.204670106	0.286428597	0.425286852	0.527109965
49	0.109287583	0.192561412	0.271017747	0.408316333	0.509110930
50	0.101352169	0.181155690	0.256703934	0.391971283	0.491586738

P(U ≤ U*) (CONTINUED)

M = 17

U*	27	28	29	30	31
17	0.999659417	0.999928186	0.999985779	0.999998121	0.999999766
18	0.999222628	0.999810120	0.999956982	0.999992949	0.999998943
19	0.998458982	0.999575139	0.999894081	0.999979461	0.999996546
20	0.997249811	0.998160351	0.999774453	0.999949911	0.999990851
21	0.995475738	0.996492380	0.999569752	0.999892964	0.999979154
22	0.993024717	0.997491667	0.999246541	0.999793514	0.999957606
23	0.989798586	0.996077133	0.998767939	0.999632841	0.999921141
24	0.985717531	0.994170599	0.998095237	0.999389074	0.999863481
25	0.980722536	0.991700546	0.997189552	0.999037890	0.999777225
26	0.974776114	0.988605003	0.996013236	0.998553326	0.999654723
27	0.967861669	0.984833487	0.994531669	0.997408715	0.999484669
28	0.959981896	0.980348078	0.992713260	0.997077442	0.999259533
29	0.951156551	0.975123710	0.990531169	0.996033833	0.998968588
30	0.941419892	0.969147856	0.987963259	0.994753781	0.998601743
31	0.930818024	0.962419747	0.984992406	0.993215304	0.998149042
32	0.919406291	0.954949272	0.981606507	0.991398961	0.997600849
33	0.907248850	0.946755679	0.977798331	0.989288143	0.996948019
34	0.894406480	0.937866193	0.973565242	0.986869236	0.996182031
35	0.880954665	0.928314607	0.968908844	0.984131683	0.995295098
36	0.866961954	0.918139937	0.963834565	0.981067967	0.994280242
37	0.852498611	0.907389144	0.958351209	0.977673509	0.993151349
38	0.837633509	0.896095982	0.952470509	0.97346520	0.991843195
39	0.822433266	0.884319969	0.946206673	0.969887810	0.990411461
40	0.806961890	0.872105488	0.939575955	0.965500567	0.988832719
41	0.791278799	0.859501018	0.932596251	0.960790127	0.987104411
42	0.775441499	0.846554489	0.925286728	0.955763724	0.985224820
43	0.759502380	0.83332760	0.91767479	0.950430249	0.983193020
44	0.743510131	0.81983190	0.909575224	0.944800016	0.981008835
45	0.727509425	0.806123316	0.901583039	0.938884528	0.978672782
46	0.711540979	0.792260598	0.893160122	0.932646262	0.976186017
47	0.695461660	0.778272355	0.884511592	0.926248474	0.973550274
48	0.679844634	0.764195142	0.875658314	0.919555007	0.970767815
49	0.664179540	0.750063694	0.866620759	0.912630127	0.967841369
50	0.648672579	0.735909900	0.857418886	0.905488375	0.964774078

P(U ≤ U*) (CONTINUED)

M = 17

U*	32	33	34
17	0.999999985	0.999999999	1.000000000
18	0.999999902	0.999999992	1.000000000
19	0.999999583	0.999999965	0.999999998
20	0.999998669	0.999999965	0.999999989
21	0.999996392	0.999999624	0.999999960
22	0.999991640	0.999999085	0.999999883
23	0.999982645	0.999998021	0.999999703
24	0.999966988	0.999996099	0.999999334
25	0.999941522	0.999992865	0.999998641
26	0.999902358	0.999987731	0.999997432
27	0.999844888	0.999979699	0.999995448
28	0.999763839	0.999968713	0.999992352
29	0.999653364	0.999952952	0.999987727
30	0.999507146	0.999931554	0.999981068
31	0.999318521	0.999903260	0.999971784
32	0.999080597	0.999866714	0.999959198
33	0.998786389	0.999820472	0.999942551
34	0.998428928	0.999763023	0.999921008
35	0.998001381	0.999692807	0.999893664
36	0.997497144	0.999608236	0.999859576
37	0.996909932	0.999507708	0.999817669
38	0.996233846	0.999389627	0.999766948
39	0.995463427	0.999252419	0.999706207
40	0.994593764	0.999095445	0.999634641
41	0.993620329	0.998914513	0.999550833
42	0.992539299	0.998710890	0.999453767
43	0.991347109	0.998482713	0.999342336
44	0.990041573	0.998227431	0.999215447
45	0.988619846	0.997945218	0.999072034
46	0.987080420	0.997614273	0.998911060
47	0.985422098	0.997239222	0.998731526
48	0.983644178	0.996822928	0.998532473
49	0.981746422	0.9963520542	0.998312490
50	0.979729070	0.995866009	0.998072213

44-38861 (CONTINUED)

	1	2	3	4	5	6
18	0.0000000000	0.0000000000	0.0000000068	0.0000005777	0.0000004653	
19	0.0000000000	0.0000000007	0.0000000617	0.0000001322	0.0000002677	
20	0.0000000000	0.0000000000	0.0000000020	0.0000000184	0.0000001569	
21	0.0000000000	0.0000000001	0.0000000000	0.0000000000	0.0000000006	
22	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
23	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
24	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
25	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
27	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
28	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
29	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
30	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
34	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
35	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
36	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
37	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
38	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
40	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
:	:	:	:	:	:	:
50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	

P (JAN 1991) (CONTINUED)

[illegible]

PIU ≤ U*1 (CONTINUED)

M = 18

N	12	13	14	15	16
18	0.013416346	0.030293822	0.064048774	0.117092269	0.200446333
19	0.004354875	0.021855084	0.047855520	0.090570521	0.160612511
20	0.006564114	0.015854984	0.035855319	0.070141607	0.128304932
21	0.004646005	0.011569188	0.026954071	0.054427058	0.102779517
22	0.003309444	0.008492223	0.020338575	0.042338944	0.082220722
23	0.002374122	0.006271032	0.015408615	0.031031096	0.065851801
24	0.001715038	0.004658517	0.011722887	0.025851566	0.052811431
25	0.001247324	0.003481126	0.008957366	0.020301006	0.042429486
26	0.000913114	0.002616456	0.006874298	0.015998246	0.034159246
27	0.000671055	0.001977790	0.005298897	0.012652798	0.027563935
28	0.000499123	0.001503335	0.004102470	0.010043349	0.022296414
29	0.000372405	0.001146907	0.003190007	0.008001172	0.018081708
30	0.000276498	0.000862677	0.002491152	0.006374450	0.014702437
31	0.000210474	0.000681617	0.001953226	0.005133648	0.011986920
32	0.000160133	0.000528976	0.001538442	0.004134213	0.009799584
33	0.000122159	0.000412499	0.001218418	0.003361061	0.008033321
34	0.000093729	0.000323175	0.000965623	0.002705410	0.006603631
35	0.000077255	0.000254341	0.000769512	0.002204630	0.005442844
36	0.000055971	0.000201048	0.000615553	0.001799853	0.004498365
37	0.000043560	0.000155597	0.000494216	0.001474170	0.003727724
38	0.000036055	0.000127215	0.000398225	0.001211236	0.003057265
39	0.000026741	0.000101808	0.000322003	0.000998319	0.002580134
40	0.000021087	0.000081790	0.000261260	0.000825308	0.002154851
41	0.000016646	0.000062594	0.000212679	0.000684296	0.001801498
42	0.000013273	0.000053378	0.000173692	0.000565012	0.001514341
43	0.000010592	0.000043352	0.000142299	0.000474479	0.001274135
44	0.000008484	0.000035239	0.000116937	0.000396735	0.001072774
45	0.000006824	0.000028862	0.000093814	0.000332614	0.000908189
46	0.000005502	0.000023694	0.000079670	0.000279582	0.000769654
47	0.000004454	0.000019436	0.000066242	0.000235602	0.000653564
48	0.000003617	0.000016390	0.000054866	0.000195070	0.000561193
49	0.000002947	0.000013318	0.000045753	0.000168540	0.000474350
50	0.000002408	0.000010555	0.000038232	0.000143056	0.000405392

PIU ≤ U*1 (CONTINUED)

M = 18

N	17	18	19	20	21
18	0.034635912	0.434670638	0.565120162	0.695161067	0.799553667
19	0.025244222	0.372672693	0.500000000	0.633760744	0.747457377
20	0.020576637	0.318536988	0.434907665	0.573566409	0.693953080
21	0.017226817	0.270502107	0.385067360	0.515041935	0.640446882
22	0.014258689	0.230269667	0.335679399	0.462021173	0.580660952
23	0.011713415	0.194057681	0.292348856	0.412007678	0.537649440
24	0.009621215	0.164020875	0.253887092	0.366215863	0.488785912
25	0.007977297	0.138590072	0.220187261	0.326682862	0.444485280
26	0.065494046	0.117018519	0.190757873	0.287278156	0.403054564
27	0.054590371	0.098857802	0.165226966	0.253792842	0.364462437
28	0.045270911	0.083561734	0.143125447	0.223961438	0.329048487
29	0.037613745	0.070689532	0.123670854	0.197481739	0.296714013
30	0.031312410	0.059860802	0.107441455	0.174054369	0.267312448
31	0.026121764	0.050750740	0.093127459	0.153371350	0.240666728
32	0.021834440	0.043083642	0.080852788	0.134145830	0.216785646
33	0.018297641	0.036616785	0.070235414	0.119107940	0.194868379
34	0.015364979	0.031184439	0.061055643	0.105008189	0.17531173
35	0.012931215	0.026592433	0.053155512	0.092621853	0.157740124
36	0.010907531	0.022721372	0.046355003	0.081744175	0.141664828
37	0.009220761	0.019432176	0.040472308	0.072161156	0.127786639
38	0.007812290	0.016452961	0.035116600	0.063803207	0.115079100
39	0.006633534	0.014293444	0.030862655	0.056436081	0.103664457
40	0.005644900	0.012502613	0.027065207	0.049962084	0.093446857
41	0.004812444	0.010588431	0.023741451	0.044272943	0.084309500
42	0.004111907	0.009136070	0.020824307	0.039268433	0.076306883
43	0.003521160	0.007896228	0.018441172	0.034861814	0.068731192
44	0.003023310	0.006836255	0.016156614	0.030924457	0.062113927
45	0.002623977	0.005928428	0.014501177	0.027564975	0.056101790
46	0.002339864	0.005147670	0.012585857	0.024549341	0.050853711
47	0.002133574	0.004468053	0.011170357	0.021864754	0.046080865
48	0.001972468	0.003904648	0.009874457	0.019510746	0.041776344
49	0.001844015	0.003400213	0.008742197	0.017449377	0.037910015
50	0.001757687	0.002976411	0.007761351	0.015804529	0.034427183

PIU ≤ 0.1 (CONTINUED)

M = 18

UT	22	23	24	25	26
N					
18	0.882007731	0.935951226	0.969706173	0.986563654	0.995022392
19	0.843765113	0.905429479	0.940016554	0.978144516	0.991145134
20	0.800961675	0.878786108	0.934501327	0.967001872	0.985573612
21	0.756988608	0.844717519	0.911405702	0.953071067	0.978073486
22	0.709685759	0.808070638	0.885071928	0.936406121	0.964489992
23	0.662094615	0.769569993	0.855461684	0.917155799	0.956751991
24	0.615598616	0.729973801	0.834543272	0.895557816	0.947867612
25	0.570247525	0.689942486	0.791501847	0.871903008	0.926914325
26	0.526549364	0.650044166	0.757209076	0.846513168	0.909026332
27	0.484869869	0.610750365	0.722201872	0.819721940	0.889379132
28	0.445452602	0.572438910	0.686918900	0.791950063	0.868179117
29	0.408439946	0.535401237	0.651743946	0.763239043	0.846484663
30	0.373893111	0.499852075	0.617002721	0.734153366	0.822016350
31	0.341810158	0.465540946	0.582944535	0.704465705	0.797510348
32	0.312141580	0.433758273	0.548468337	0.675609502	0.772350013
33	0.284803385	0.403354062	0.517816785	0.646587348	0.746742231
34	0.259687759	0.374738382	0.486999898	0.617671167	0.720878058
35	0.236691605	0.347894366	0.457484052	0.589906288	0.694930820
36	0.215623210	0.322778574	0.429325401	0.562208564	0.669055211
37	0.196403350	0.299381316	0.401433219	0.535871925	0.643287160
38	0.178891182	0.277504534	0.379174719	0.510068272	0.618044284
39	0.162936600	0.257201372	0.353180049	0.485150731	0.593126743
40	0.148463995	0.238248418	0.330644684	0.461156061	0.568718372
41	0.135227124	0.220862199	0.309213390	0.438106595	0.544687081
42	0.123237303	0.204661666	0.289202750	0.416014377	0.521690732
43	0.112345741	0.189662441	0.270403424	0.394874106	0.499169542
44	0.102544661	0.175785685	0.252762030	0.374735644	0.477356454
45	0.093473224	0.162952260	0.235267585	0.355444624	0.456273957
46	0.085317510	0.151089486	0.218466748	0.337111018	0.435936222
47	0.077912194	0.140121594	0.202421145	0.319675049	0.416250249
48	0.071186164	0.129499823	0.194945021	0.303069116	0.397516912
49	0.065076104	0.120643105	0.180161598	0.287362816	0.379431911
50	0.059524060	0.111699349	0.166276882	0.272432625	0.362086620

PIU ≤ 0.1 (CONTINUED)

M = 18

UT	27	28	29	30	31
N					
18	0.948768060	0.994514194	0.999731061	0.999974616	0.999995347
19	0.906645226	0.946652957	0.996647177	0.999930210	0.999985156
20	0.864145164	0.897651432	0.937315352	0.989961917	0.999961608
21	0.820657166	0.846460934	0.898815413	0.979665012	0.999914511
22	0.785765923	0.804409065	0.867670665	0.949936501	0.999829979
23	0.749595947	0.761107077	0.826748314	0.908501142	0.999650501
24	0.711981795	0.713774055	0.760762855	0.868218400	0.999475330
25	0.672883269	0.682413915	0.719767633	0.807761163	0.999161113
26	0.632304169	0.637474748	0.680866664	0.735574851	0.998722669
27	0.590282464	0.586136455	0.636651897	0.664106513	0.998133851
28	0.546886850	0.540756647	0.582530169	0.592207268	0.997368388
29	0.502109917	0.512202233	0.577691620	0.589433574	0.996400678
30	0.456161952	0.460553393	0.472118709	0.486346567	0.995206463
31	0.409446524	0.418002608	0.426805646	0.432927697	0.993763497
32	0.361648867	0.366029707	0.368757448	0.371746054	0.992051792
33	0.313045002	0.312308746	0.309488768	0.307346839	0.990054131
34	0.263784448	0.261720371	0.254222590	0.248618885	0.987756168
35	0.213994757	0.212331920	0.203388887	0.196268567	0.985146539
36	0.163797732	0.162659874	0.152623252	0.145611525	0.982716861
37	0.113307966	0.112650173	0.101365843	0.090999926	0.979916662
38	0.062631990	0.062495904	0.050759818	0.041476837	0.975378254
39	0.011867372	0.010475243	0.009095068	0.007337458	0.971446552
40	0.001102755	0.000707310	0.00085192	0.002467675	0.967228875
41	0.680417605	0.768875217	0.86610541	0.915552196	0.962669719
42	0.659822800	0.75055195	0.854173738	0.905984631	0.957795523
43	0.63960614	0.732122368	0.84111015	0.896704664	0.952614434
44	0.619504610	0.713661061	0.827745775	0.885645130	0.947136369
45	0.600751254	0.698211178	0.81446132	0.874338119	0.941331294
46	0.580771598	0.678656768	0.800409120	0.86010865	0.934331005
47	0.561366443	0.658616797	0.78715433	0.852620333	0.924030933
48	0.542775054	0.640544966	0.77312657	0.841071040	0.922421453
49	0.52417701	0.62270544	0.7541567	0.829106480	0.916667418
50	0.506412196	0.605054326	0.74616745	0.817360978	0.908653007

PIU < 0.1 (CONTINUED)

M = 19

N	7	8	9	10	11
19	0.000008564	0.000004622	0.000187541	0.000717367	0.002200909
20	0.000005932	0.000027477	0.000116886	0.000461053	0.001459138
21	0.000003008	0.000017174	0.000073265	0.000299725	0.000977304
22	0.000001827	0.000010698	0.000047294	0.000197003	0.000661101
23	0.000001126	0.000006752	0.000030659	0.000130861	0.000451508
24	0.000000704	0.000004315	0.000020112	0.000087813	0.000311225
25	0.000000446	0.000002791	0.000013342	0.000059501	0.000216444
26	0.000000287	0.000001526	0.000008946	0.000040696	0.000151821
27	0.000000186	0.000000908	0.000006059	0.000028083	0.000101591
28	0.000000122	0.000000607	0.000004144	0.000019547	0.000076537
29	0.000000081	0.000000344	0.000002861	0.000013717	0.000054473
30	0.000000055	0.000000219	0.000001992	0.000009105	0.000039774
31	0.000000037	0.000000125	0.000001399	0.000006915	0.000028979
32	0.000000025	0.000000077	0.000000990	0.000004964	0.000021256
33	0.000000017	0.000000052	0.000000706	0.000003589	0.000015693
34	0.000000011	0.000000037	0.000000508	0.000002612	0.000011658
35	0.000000009	0.000000025	0.000000367	0.000001913	0.000008713
36	0.000000006	0.000000017	0.000000268	0.000001410	0.000006549
37	0.000000004	0.000000011	0.000000196	0.000001045	0.000004950
38	0.000000003	0.000000007	0.000000145	0.000000779	0.000003762
39	0.000000002	0.000000005	0.000000108	0.000000584	0.000002873
40	0.000000001	0.000000003	0.000000080	0.000000441	0.000002204
41	0.000000001	0.000000002	0.000000060	0.000000334	0.000001701
42	0.000000001	0.000000001	0.000000046	0.000000254	0.000001319
43	0.000000001	0.000000001	0.000000035	0.000000195	0.000001026
44	0.000000000	0.000000000	0.000000026	0.000000154	0.000000802
45	0.000000000	0.000000000	0.000000020	0.000000115	0.000000630
46	0.000000000	0.000000000	0.000000016	0.000000090	0.000000491
47	0.000000000	0.000000000	0.000000012	0.000000070	0.000000399
48	0.000000000	0.000000001	0.000000009	0.000000055	0.000000312
49	0.000000000	0.000000001	0.000000007	0.000000043	0.000000249
50	0.000000000	0.000000001	0.000000006	0.000000034	0.000000199

PIU < 0.1 (CONTINUED)

M = 19

N	12	13	14	15	16
19	0.006354824	0.015354075	0.034455302	0.068284434	0.125591516
20	0.004350147	0.010854900	0.025470559	0.051569868	0.098101260
21	0.003001007	0.007722979	0.018684701	0.039462185	0.076625233
22	0.002086330	0.00550635	0.01376594	0.029646624	0.059896193
23	0.001461545	0.003886676	0.010187139	0.022588144	0.046883991
24	0.001031561	0.002792400	0.007574615	0.017273427	0.036766607
25	0.000733435	0.002112066	0.005649176	0.013260126	0.028896366
26	0.000525201	0.001551996	0.004248629	0.010219746	0.022767346
27	0.000378709	0.001147501	0.003205149	0.007908346	0.017986624
28	0.000276927	0.000853551	0.002429622	0.006144647	0.014250156
29	0.000200888	0.000638632	0.001853535	0.004793725	0.011323167
30	0.000147721	0.000480558	0.001416100	0.003754955	0.009024538
31	0.000109291	0.000363615	0.001088660	0.002953062	0.007214551
32	0.000081340	0.000276610	0.000840723	0.002331594	0.005785350
33	0.000060884	0.000211520	0.000652129	0.001848069	0.004653581
34	0.000045825	0.000162563	0.000508040	0.001470403	0.003754718
35	0.000036676	0.000125449	0.000374444	0.001174280	0.003038715
36	0.000026376	0.000097421	0.000312210	0.000941235	0.002466677
37	0.000020183	0.000075943	0.000246240	0.000757130	0.002008292
38	0.000015488	0.000059462	0.000194967	0.000611162	0.001639894
39	0.000011953	0.000046755	0.000154958	0.000495014	0.001342446
40	0.000009267	0.000036444	0.000123615	0.000402272	0.001102894
41	0.000007216	0.000029273	0.000098967	0.000327963	0.000908776
42	0.000005644	0.000023349	0.000079912	0.000268225	0.000750047
43	0.000004441	0.000018615	0.000064099	0.000220043	0.000621043
44	0.000003493	0.000014747	0.000051845	0.000181057	0.000515574
45	0.000002784	0.000012017	0.000042969	0.000149413	0.000429122
46	0.000002196	0.000009730	0.000034243	0.000123650	0.000358062
47	0.000001751	0.000007860	0.000027959	0.000102614	0.000299505
48	0.000001431	0.000006389	0.000022896	0.000085386	0.000251137
49	0.000001124	0.000005210	0.000018804	0.000071337	0.000211059
50	0.000000906	0.000004241	0.000015486	0.000059585	0.000177792

P(U ≤ U*) (CONTINUED)

M = 19

N	17	18	19	20	21
19	0.204388755	0.312734958	0.433119628	0.566880372	0.687265042
20	0.164990135	0.260961131	0.37927293	0.503258275	0.627072707
21	0.132990803	0.216974425	0.319610073	0.444016919	0.568423765
22	0.107161455	0.175949967	0.272957906	0.389778569	0.512440685
23	0.086364742	0.149002472	0.232519445	0.340782189	0.455871206
24	0.069661347	0.123267591	0.197720706	0.296991527	0.411152972
25	0.056259766	0.101946926	0.167939460	0.258185641	0.366481102
26	0.045509871	0.084329009	0.142557716	0.224029981	0.325870312
27	0.036883366	0.069795274	0.120991528	0.194129035	0.289207703
28	0.029954580	0.057817267	0.107707152	0.168064072	0.256295915
29	0.024382062	0.047844232	0.087227881	0.145418475	0.226885301
30	0.019893054	0.039818066	0.074134998	0.125793992	0.200699534
31	0.016270215	0.033116415	0.063065213	0.108820323	0.177452987
32	0.013360441	0.027587081	0.053704214	0.094159929	0.156863189
33	0.010965984	0.02302099	0.045791356	0.081509687	0.138659016
34	0.009037194	0.019245224	0.039094169	0.070600433	0.122585767
35	0.007466728	0.01618833	0.033423962	0.061195230	0.108407949
36	0.006184935	0.013226115	0.028616317	0.051086916	0.095910466
37	0.005136195	0.011372452	0.024527884	0.046095316	0.084898895
38	0.004276022	0.009580424	0.021073237	0.040064368	0.075197850
39	0.003687168	0.008086656	0.018526406	0.036859324	0.066651868
40	0.002958815	0.006839235	0.016561669	0.033064125	0.059122055
41	0.002506137	0.005795600	0.013475680	0.026478990	0.052485610
42	0.002105172	0.004920870	0.011647089	0.023118247	0.046434122
43	0.001773919	0.004186167	0.010082841	0.020202408	0.041472099
44	0.001498232	0.003568077	0.008742692	0.017686470	0.036915594
45	0.001259245	0.003047023	0.007592778	0.015498439	0.032890894
46	0.001045949	0.002604923	0.006604570	0.013598040	0.029333346
47	0.000914781	0.002234579	0.005754013	0.011945611	0.026186785
48	0.000774428	0.001918430	0.005020797	0.010507146	0.023400666
49	0.000664561	0.001647757	0.004387757	0.009253786	0.020931209
50	0.000569153	0.001422660	0.003840364	0.008154573	0.018741635

P(U ≤ U*) (CONTINUED)

M = 19

N	22	23	24	25	26
19	0.795611245	0.674408484	0.531715566	0.465144698	0.386644025
20	0.744370591	0.615009805	0.46666952	0.404430132	0.325773444
21	0.691540543	0.56236089	0.437386074	0.379072648	0.303698245
22	0.638607433	0.517696624	0.39327259	0.34322250	0.284926656
23	0.58653618	0.470160807	0.362187264	0.317556007	0.257297905
24	0.536234706	0.435679930	0.33177688	0.284248140	0.230961046
25	0.488313474	0.401458845	0.322916305	0.261891687	0.208815633
26	0.443190373	0.365843165	0.292193639	0.246000303	0.186183265
27	0.401108177	0.33181324	0.26455285	0.230064748	0.166339405
28	0.362174126	0.292490275	0.241433884	0.215539010	0.148089737
29	0.326391212	0.264589107	0.22409366	0.200879624	0.137869081
30	0.293685725	0.2407805140	0.206614238	0.186290382	0.124849843
31	0.263930144	0.213991980	0.188341939	0.162221062	0.117835955
32	0.236961544	0.192545741	0.165376682	0.148868940	0.1066990738
33	0.21295960	0.173419066	0.142096712	0.126432466	0.096217625
34	0.190639296	0.156532904	0.130019262	0.115065277	0.087578187
35	0.170895371	0.141786167	0.120935762	0.1048881756	0.0795740985
36	0.153171666	0.129063468	0.113710081	0.095961958	0.066383007
37	0.137683255	0.11641213	0.10280705	0.083366895	0.057779184
38	0.123055350	0.104132281	0.084623851	0.070522660	0.050068272
39	0.110324783	0.091789554	0.076263858	0.0637174719	0.043289075
40	0.098940777	0.085984894	0.072425039	0.062559371	0.037509881
41	0.088764844	0.075148977	0.0623387789	0.0531376038	0.032767945
42	0.079671054	0.063736528	0.054646541	0.046033803	0.029084780
43	0.071545134	0.05773057	0.049848460	0.042905880	0.026468587
44	0.064203556	0.051977485	0.04499402	0.038201126	0.024416470
45	0.057793727	0.045554499	0.0391315421	0.0325615291	0.0224416415
46	0.051992188	0.040627693	0.034711506	0.028247813	0.0204949319
47	0.046604105	0.036804344	0.031114639	0.02494456	0.018469116
48	0.0412161479	0.0320542843	0.026444218	0.020861320	0.0169006977
49	0.036809840	0.027710960	0.02364828	0.019579372	0.014666746
50	0.032490787	0.024509440	0.02079311	0.01777766	0.0126840706

P(U ≤ U*) (CONTINUED)

M = 19

N	27	28	29	30	31
19	0.993645176	0.997799091	0.999282633	0.999812469	0.999953758
20	0.989145100	0.995890775	0.998540862	0.999573363	0.999883114
21	0.982881259	0.992999772	0.997336277	0.999143154	0.999748447
22	0.974659967	0.98912263	0.995529400	0.998438032	0.999504530
23	0.964366643	0.983445112	0.992584347	0.997364608	0.999116712
24	0.951965638	0.976457068	0.989577478	0.995825291	0.998532677
25	0.937693629	0.967854706	0.985204008	0.993723754	0.997699636
26	0.921047737	0.957593719	0.97982351	0.990969897	0.996563669
27	0.902774746	0.945676551	0.973256283	0.987483922	0.995071997
28	0.882856050	0.932147493	0.965595248	0.98199330	0.993174978
29	0.861496428	0.917086214	0.956793204	0.978064806	0.990827767
30	0.838913078	0.900600723	0.9468866457	0.972045387	0.987991553
31	0.815326623	0.882820166	0.935850866	0.965120964	0.984634403
32	0.79095957	0.863886154	0.92378388	0.95288560	0.980731715
33	0.765002785	0.843956744	0.910774424	0.940558231	0.976266356
34	0.740667748	0.823181279	0.896854074	0.928952814	0.971228519
35	0.715727846	0.801716119	0.882119516	0.918506090	0.965615350
36	0.689544947	0.779711248	0.866657323	0.917260859	0.959430473
37	0.664063166	0.757309682	0.850556198	0.905267164	0.952683335
38	0.638908901	0.734645598	0.833055035	0.892580563	0.945388539
39	0.613891360	0.711843074	0.816791339	0.879260544	0.937565135
40	0.589403432	0.689015344	0.799299961	0.865369087	0.929235908
41	0.565522786	0.666264475	0.781512120	0.850469406	0.920426691
42	0.542013105	0.643681369	0.763504675	0.836124861	0.911168720
43	0.519225395	0.621346017	0.745344629	0.820898048	0.901483028
44	0.497099260	0.599327946	0.727113804	0.805350043	0.891409906
45	0.475454213	0.577686753	0.708886861	0.789539803	0.880978407
46	0.454494077	0.556472963	0.690640363	0.773523699	0.870220924
47	0.434494213	0.535728345	0.672509634	0.757355170	0.859169813
48	0.415674180	0.515487040	0.654512056	0.741094474	0.847857075
49	0.397135706	0.495776097	0.63668371	0.724758941	0.836314093
50	0.379327760	0.476616226	0.619074336	0.708420886	0.824571407

P(U ≤ U*) (CONTINUED)

M = 19

N	32	33	34	35	36
19	0.969991426	0.99998500	0.9999985	0.99999991	0.999999993
20	0.999974897	0.999994968	0.999999770	0.999999903	0.999999992
21	0.999938180	0.999986264	0.999997637	0.999999650	0.999999982
22	0.999866494	0.999968295	0.999997468	0.999999485	0.999999966
23	0.999739683	0.999933661	0.999996824	0.999999488	0.999999966
24	0.999532328	0.999875957	0.999996675	0.999999482	0.999999922
25	0.999214257	0.999782240	0.999991985	0.999996265	0.999999781
26	0.998751456	0.999640244	0.999986676	0.999995973	0.999995541
27	0.998107226	0.999435114	0.999826400	0.999964491	0.999991568
28	0.997264778	0.999150587	0.999722712	0.999941476	0.999985059
29	0.996122032	0.998765162	0.999575713	0.999907821	0.999974601
30	0.994705856	0.998372871	0.999374463	0.999860377	0.999959480
31	0.992960136	0.997643362	0.999106870	0.999795579	0.999937372
32	0.990853195	0.996867824	0.998760602	0.999709491	0.999906492
33	0.988357174	0.995913935	0.99832653	0.999597857	0.999864566
34	0.985448534	0.994780421	0.997779956	0.999456167	0.999809054
35	0.982108354	0.993447294	0.997119565	0.999279724	0.999737169
36	0.978322460	0.991901375	0.996328895	0.999063708	0.999645911
37	0.974081401	0.990124951	0.995305582	0.998803249	0.999532097
38	0.969380311	0.988123883	0.994309261	0.998493488	0.999392401
39	0.964218663	0.985874654	0.993058613	0.998129642	0.999223394
40	0.958699964	0.983375886	0.991634527	0.997707057	0.999021581
41	0.952531392	0.980623006	0.990028080	0.997221254	0.998783442
42	0.946023409	0.977613190	0.988233892	0.996607979	0.998505471
43	0.939089351	0.97444522	0.986744158	0.996043232	0.998184206
44	0.931745034	0.971812689	0.984054653	0.995343298	0.997816267
45	0.924008329	0.967038270	0.981661724	0.994564771	0.997368381
46	0.915898952	0.963004214	0.979062821	0.993709568	0.996827410
47	0.907437906	0.958721809	0.976250653	0.992750941	0.996400373
48	0.898646204	0.954146813	0.973347377	0.991728446	0.995814463
49	0.889547616	0.949444333	0.970071735	0.990608117	0.995187066
50	0.880164811	0.944444690	0.965551108	0.989391173	0.994455764

M = 19

	37	38
19	1.0000000000	1.0000000000
20	0.9999999999	1.0000000000
21	0.9999999997	1.0000000000
22	0.9999999988	0.9999999999
23	0.9999999964	0.9999999997
24	0.9999999905	0.9999999989
25	0.999999779	0.9999999970
26	0.999999533	0.9999999927
27	0.999999090	0.999999842
28	0.999998337	0.999999682
29	0.999997128	0.999999402
30	0.999995266	0.999998931
31	0.999992514	0.999998203
32	0.999988575	0.999997088
33	0.999983103	0.999995451
34	0.9999775695	0.999993121
35	0.999965862	0.999989844
36	0.999953185	0.999985530
37	0.999937013	0.999979754
38	0.999916767	0.999972256
39	0.999891747	0.999963689
40	0.999861416	0.999950673
41	0.999824901	0.999935797
42	0.999781507	0.999917617
43	0.999730465	0.999895664
44	0.999670994	0.999869442
45	0.999602300	0.999838434
46	0.999525589	0.999802106
47	0.999434066	0.999755997
48	0.999337842	0.999711274
49	0.999214443	0.999655637
50	0.999092806	0.999592470

$M = 20$

	1	2	3	4	5	6
20	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
21	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
22	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
23	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
24	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
25	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
26	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
27	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
28	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
29	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
30	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
31	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
32	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
33	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
34	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
35	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
.	.	.	.	.	.	.
53	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

 $N = 20$ [illegible]

PEU ≤ U*1 (CONTINUED)

M = 20

N	12	13	14	15	16
20	0.002904640	0.007482062	0.018162715	0.037998212	0.074835564
21	0.001955662	0.005193351	0.013008463	0.028080463	0.057108020
22	0.001327662	0.003620329	0.009361411	0.020823574	0.043630940
23	0.000908705	0.002555751	0.006770762	0.015501855	0.033394146
24	0.000626957	0.001811926	0.004922468	0.011587917	0.025617099
25	0.000435959	0.001293502	0.003557607	0.008699556	0.019702836
26	0.000305463	0.000924696	0.002643275	0.006560029	0.015197870
27	0.000215617	0.000672659	0.001852375	0.004968848	0.011759177
28	0.000153293	0.000489842	0.001449629	0.003780540	0.009127925
29	0.000109744	0.000358962	0.001081918	0.002889309	0.007109014
30	0.000078097	0.000264663	0.000811596	0.002217993	0.005553396
31	0.000057381	0.000196297	0.000611858	0.001710127	0.004356150
32	0.000041889	0.000146630	0.000463535	0.001324249	0.003427498
33	0.000030767	0.000109840	0.000352847	0.001029794	0.002706044
34	0.000022731	0.000082840	0.000269845	0.000804145	0.002145112
35	0.000016890	0.000062803	0.000207307	0.000630497	0.001703955
36	0.000012619	0.000047855	0.000159970	0.000496315	0.001358915
37	0.000009478	0.000036643	0.000123975	0.000392708	0.001087298
38	0.000007156	0.000028192	0.000096484	0.000311115	0.000872779
39	0.000005429	0.000021789	0.000075396	0.000247701	0.000702806
40	0.000004159	0.000016916	0.000059151	0.000197924	0.000567846
41	0.000003170	0.000013190	0.000046587	0.000158705	0.000459961
42	0.000002439	0.000010327	0.000036829	0.000127694	0.000373786
43	0.000001885	0.000008118	0.000029272	0.000103085	0.000304646
44	0.000001463	0.000006407	0.000023268	0.000083688	0.000249006
45	0.000001140	0.000005076	0.000018593	0.000067831	0.000204103
46	0.000000942	0.000004036	0.000014906	0.000055280	0.000167751
47	0.000000701	0.000003199	0.000011949	0.000045187	0.000138271
48	0.000000552	0.000002580	0.000009675	0.000037044	0.000114224
49	0.000000437	0.000002073	0.000007732	0.000030455	0.000094625
50	0.000000347	0.000001671	0.000006358	0.000025108	0.000078583

PEU ≤ U*1 (CONTINUED)

M = 20

N	17	18	19	20	21
20	0.110051997	0.212975633	0.314278451	0.438092784	0.561907216
21	0.102463578	0.173218547	0.261626592	0.374831084	0.500000000
22	0.086952910	0.140467246	0.220388027	0.326083715	0.442348047
23	0.065487385	0.111909452	0.183801211	0.279475263	0.389500423
24	0.050168168	0.092255714	0.153048837	0.238782718	0.341663397
25	0.039466281	0.074319036	0.127324670	0.203536571	0.288796452
26	0.031338271	0.060546534	0.105959197	0.173138372	0.260692500
27	0.024915440	0.049105989	0.088079650	0.147212102	0.227040912
28	0.019822693	0.039675385	0.073266517	0.125037433	0.197474686
29	0.015812155	0.032427242	0.061042115	0.106169512	0.171604235
30	0.012647177	0.026414163	0.05088450	0.090149286	0.149040540
31	0.010164324	0.021555297	0.042475614	0.076567456	0.129410122
32	0.008159807	0.017624477	0.03502042	0.065064372	0.112364101
33	0.006582371	0.014449741	0.029718108	0.055127477	0.097682936
34	0.005325184	0.011855573	0.024916351	0.047087425	0.084778251
35	0.004320508	0.009754888	0.020925558	0.040113615	0.073692714
36	0.003515415	0.008044065	0.017604548	0.034209597	0.064098886
37	0.002868465	0.006648015	0.014817040	0.029208661	0.055796161
38	0.002347148	0.005506510	0.012527315	0.024969741	0.046610350
39	0.001925800	0.004571196	0.010596593	0.02137372	0.039238917
40	0.001584571	0.003803207	0.008949023	0.018320206	0.033000470
41	0.001307242	0.003171259	0.007624190	0.015724613	0.028330479
42	0.001091300	0.002650136	0.006482069	0.013515778	0.024838026
43	0.000966731	0.002219474	0.005526335	0.011633870	0.021764913
44	0.000845460	0.001862937	0.004717992	0.010028360	0.021711171
45	0.000721422	0.001566794	0.004035240	0.008657001	0.019055987
46	0.000619221	0.001320572	0.003457509	0.007494052	0.016745101
47	0.000544868	0.001115355	0.002967794	0.006479426	0.014731873
48	0.000485074	0.000944951	0.002551941	0.005617841	0.012976053
49	0.000437187	0.000800420	0.002194183	0.004877845	0.011444351
50	0.000399069	0.000680172	0.001896770	0.004241433	0.010105217

P(U ≤ U*) (CONTINUED)

M = 20

U*	22	23	24	25	26
N					
20	0.685721649	0.787024367	0.869908408	0.925164436	0.962001788
21	0.626834297	0.736373008	0.830712568	0.897536422	0.944706202
22	0.569182344	0.684486250	0.786259766	0.866089903	0.923741856
23	0.513876691	0.632599492	0.743613021	0.831498731	0.899340331
24	0.461690844	0.591718242	0.697777890	0.794494221	0.871867286
25	0.413108306	0.532616154	0.651651639	0.755807689	0.841777761
26	0.368377580	0.485852214	0.605996725	0.716129194	0.809574925
27	0.327566081	0.441799276	0.561432484	0.676081023	0.775775405
28	0.290608298	0.400675294	0.518439282	0.636203270	0.740882371
29	0.257346294	0.362575183	0.477370328	0.596948608	0.705366248
30	0.227562212	0.327498895	0.438467528	0.558683558	0.669652202
31	0.201003411	0.295376383	0.401878796	0.521694010	0.634113544
32	0.177401228	0.266088219	0.367675136	0.486193206	0.599067558
33	0.156486485	0.239482122	0.338866474	0.452330900	0.564779312
34	0.137988929	0.215386038	0.306415700	0.420202783	0.531461264
35	0.121662856	0.193618070	0.276250720	0.389859561	0.499279059
36	0.107271914	0.173993921	0.254274531	0.361315344	0.468356157
37	0.094579539	0.156332186	0.231373430	0.336555140	0.438779090
38	0.083444143	0.140458077	0.21043547	0.309541393	0.410602685
39	0.073642974	0.126205844	0.191264167	0.286219556	0.383855041
40	0.065021118	0.113420244	0.173861359	0.264522781	0.358547138
41	0.057441789	0.101957294	0.157006765	0.244375776	0.336421733
42	0.050778538	0.091684485	0.143560662	0.225697943	0.3172158238
43	0.044919614	0.082480647	0.130452166	0.208405884	0.291023499
44	0.039764423	0.074235542	0.118552980	0.192415377	0.271201936
45	0.035232186	0.066849302	0.107757707	0.177642898	0.252641639
46	0.031240656	0.060231766	0.097968129	0.164006763	0.235286559
47	0.027724943	0.054301766	0.089093244	0.151427976	0.219078071
48	0.024626446	0.048986406	0.081049136	0.139830816	0.203996255
49	0.021893776	0.044220320	0.073758726	0.129143238	0.189861073
50	0.019482373	0.039945324	0.067151451	0.119297103	0.176732893

P(U ≤ U*) (CONTINUED)

M = 20

U*	27	28	29	30	31
N					
20	0.981837285	0.992517938	0.997095360	0.999057113	0.999711030
21	0.971319537	0.987549760	0.994806649	0.998155982	0.999384071
22	0.959219981	0.980711537	0.991457314	0.996720534	0.998825849
23	0.943698301	0.971748377	0.986851982	0.994593838	0.997941444
24	0.925433255	0.960686071	0.980830538	0.991622217	0.996658333
25	0.904602045	0.947332732	0.973276363	0.987665268	0.994859720
26	0.881456256	0.931773188	0.964119787	0.982603558	0.992461569
27	0.856297740	0.914108733	0.953337598	0.976343983	0.989380991
28	0.829456995	0.894494306	0.940949528	0.968822662	0.985546542
29	0.801274160	0.873124904	0.927012952	0.960005650	0.980901019
30	0.772084195	0.850222479	0.911616374	0.948887892	0.975402738
31	0.742208622	0.826024131	0.894872584	0.938490859	0.969023652
32	0.711941911	0.800772022	0.876912118	0.925893223	0.961753939
33	0.681552662	0.774705192	0.857877094	0.912057648	0.953596072
34	0.651278090	0.748053218	0.837915038	0.897165916	0.944565979
35	0.621323883	0.721031592	0.817178310	0.881276123	0.934690966
36	0.591864788	0.693838580	0.795812373	0.864448600	0.924007998
37	0.563046107	0.666653347	0.773960546	0.846908800	0.912561960
38	0.534995313	0.639635080	0.751759294	0.828644470	0.900403967
39	0.507777004	0.612922911	0.729334451	0.809803258	0.887589771
40	0.481490527	0.58636434	0.706803186	0.790490745	0.874178304
41	0.456177623	0.560676645	0.684271920	0.770808866	0.860230377
42	0.431872493	0.535727168	0.661836415	0.750954707	0.845807553
43	0.408594721	0.511255684	0.639531842	0.730719618	0.830971171
44	0.386351571	0.487515311	0.617583065	0.710488603	0.815781541
45	0.365139751	0.464546368	0.595905111	0.690239961	0.800297286
46	0.344947723	0.442377563	0.574603653	0.670045110	0.784574811
47	0.325757065	0.421027618	0.553725883	0.649868581	0.768667908
48	0.307543581	0.400506519	0.533310765	0.630068130	0.752627458
49	0.290279332	0.380816669	0.513390131	0.610394957	0.736501231
50	0.273931923	0.361944820	0.493989166	0.590993992	0.720333760

P(U ≤ U*) (CONTINUED)

M = 20

U*	32	33	34	35	36
20	0.999920003	0.999983496	0.999971119	0.999999523	0.999999947
21	0.999930649	0.999956245	0.99991138	0.99998321	0.999999770
22	0.999944575	0.999900427	0.999977182	0.999952243	0.999999226
23	0.9999324973	0.999978086	0.999948622	0.999988470	0.999997846
24	0.999816669	0.999626045	0.999895837	0.999975187	0.999994792
25	0.998057255	0.999356253	0.998805006	0.999051882	0.999988724
26	0.996979825	0.998956561	0.999662539	0.999911707	0.999977663
27	0.995515980	0.998391779	0.999446239	0.999849415	0.999958874
28	0.993598780	0.997624899	0.999134694	0.999756174	0.999928773
29	0.991165411	0.996618370	0.998703324	0.999623157	0.999882875
30	0.988159411	0.995335321	0.998125952	0.999439191	0.999815781
31	0.984592372	0.993760974	0.997375530	0.999192958	0.999721207
32	0.98025105	0.991802084	0.996424876	0.99872236	0.999592648
33	0.975268293	0.989490688	0.995247372	0.998404342	0.999420470
34	0.969582679	0.986781661	0.993817607	0.997956400	0.999198037
35	0.963178883	0.983654973	0.992111923	0.99735581	0.998915847
36	0.956056904	0.980093583	0.990108867	0.996589344	0.998564677
37	0.948225404	0.976087470	0.987789538	0.995705643	0.998135138
38	0.939700835	0.971620540	0.985137838	0.99463107	0.997617823
39	0.930500468	0.966717431	0.982140619	0.993481199	0.997003449
40	0.920671392	0.961352844	0.978787752	0.992120329	0.996282989
41	0.910224501	0.955541208	0.975072116	0.990581955	0.995447787
42	0.899218528	0.949291317	0.970589526	0.988856539	0.994489662
43	0.887679120	0.942614946	0.966538612	0.986944092	0.993400998
44	0.875653997	0.935526452	0.961720651	0.984833180	0.992174807
45	0.863187186	0.928043981	0.956539381	0.982521927	0.990804788
46	0.850323342	0.920181158	0.951000782	0.980007487	0.989285367
47	0.837107159	0.911962591	0.945112854	0.977288108	0.987611720
48	0.823582849	0.903407685	0.93885385	0.974363085	0.985779785
49	0.809793766	0.894538259	0.932327723	0.971232700	0.983786265
50	0.795781958	0.885576693	0.925458548	0.967898159	0.981628621

P(U ≤ U*) (CONTINUED)

M = 20

U*	37	38	39	40
20	0.999999994	1.000000000	1.000000000	1.000000000
21	0.999999971	0.999999998	1.000000000	1.000000000
22	0.999999980	0.999999989	0.999999999	1.000000000
23	0.999999969	0.999999958	0.999999997	1.000000000
24	0.999999948	0.999999874	0.999999949	0.999999999
25	0.999998059	0.999999673	0.999999970	0.999999997
26	0.999995985	0.999999242	0.999999927	0.999999991
27	0.999993320	0.999998601	0.999999622	0.999999976
28	0.999990239	0.999997881	0.999999362	0.999999947
29	0.999986662	0.999996977	0.999999002	0.999999890
30	0.999982233	0.999995928	0.999998537	0.999999787
31	0.999977111	0.999994731	0.999998203	0.999999612
32	0.999971964	0.999993410	0.999997888	0.999999328
33	0.999966797	0.999992055	0.999996451	0.999998884
34	0.999961656	0.999990687	0.999995007	0.999998217
35	0.999956534	0.999989317	0.999993554	0.999997444
36	0.999951428	0.999987948	0.999992100	0.999996566
37	0.999946337	0.999986579	0.999990646	0.999995688
38	0.999941251	0.999985210	0.999989192	0.999994810
39	0.999936170	0.999983841	0.999987738	0.999993932
40	0.999931094	0.999982472	0.999986284	0.999993054
41	0.999926022	0.999981103	0.999984830	0.999992176
42	0.999920955	0.999979734	0.999983376	0.999991298
43	0.999915888	0.999978365	0.999981922	0.999990420
44	0.999910821	0.999976996	0.999980468	0.999989542
45	0.999905754	0.999975627	0.999979014	0.999988664
46	0.999900687	0.999974258	0.999977560	0.999987786
47	0.999895620	0.999972889	0.999976106	0.999986908
48	0.999890553	0.999971520	0.999974652	0.999986030
49	0.999885486	0.999970151	0.999973198	0.999985152
50	0.999880419	0.999968782	0.999971744	0.999984274

P(U ≤ U*) (CONTINUED)

M = 21

U*	2	3	4	5	6
21	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
22	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
23	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
24	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 21

N	7	8	9	10	11
21	0.000000955	0.000005784	0.000026306	0.000113529	0.000392640
22	0.000000552	0.000003435	0.000016045	0.000071170	0.000253084
23	0.000000325	0.000002069	0.000009920	0.000045139	0.000164884
24	0.000000194	0.000001264	0.000006213	0.000028951	0.000108533
25	0.000000117	0.000000782	0.000003595	0.000018768	0.000072153
26	0.000000072	0.000000490	0.000002527	0.000012292	0.000048426
27	0.000000045	0.000000310	0.000001639	0.000008131	0.000032801
28	0.000000028	0.000000199	0.000001074	0.000005423	0.000021213
29	0.000000018	0.000000129	0.000000711	0.000003658	0.000015446
30	0.000000012	0.000000084	0.000000476	0.000002486	0.000010731
31	0.000000008	0.000000056	0.000000321	0.000001704	0.000007513
32	0.000000005	0.000000037	0.000000218	0.000001177	0.000005309
33	0.000000003	0.000000025	0.000000150	0.000000820	0.000003766
34	0.000000002	0.000000017	0.000000104	0.000000575	0.000002695
35	0.000000001	0.000000012	0.000000072	0.000000406	0.000001941
36	0.000000001	0.000000008	0.000000051	0.000000289	0.000001407
37	0.000000001	0.000000006	0.000000036	0.000000207	0.000001026
38	0.000000000	0.000000004	0.000000026	0.000000149	0.000000752
39	0.000000000	0.000000003	0.000000018	0.000000108	0.000000556
40	0.000000000	0.000000002	0.000000013	0.000000079	0.000000413
41	0.000000000	0.000000001	0.000000010	0.000000058	0.000000308
42	0.000000000	0.000000001	0.000000007	0.000000043	0.000000221
43	0.000000000	0.000000001	0.000000005	0.000000032	0.000000174
44	0.000000000	0.000000001	0.000000004	0.000000024	0.000000132
45	0.000000000	0.000000000	0.000000003	0.000000018	0.000000109
46	0.000000000	0.000000000	0.000000002	0.000000013	0.000000087
47	0.000000000	0.000000000	0.000000002	0.000000010	0.000000065
48	0.000000000	0.000000000	0.000000001	0.000000008	0.000000045
49	0.000000000	0.000000000	0.000000001	0.000000006	0.000000030
50	0.000000000	0.000000000	0.000000001	0.000000004	0.000000027

P(U ≤ U*) (CONTINUED)

M = 21

N	12	13	14	15	16
21	0.001285795	0.003518684	0.009100907	0.020265352	0.042594242
22	0.000582849	0.002402740	0.006403669	0.014683129	0.031819254
23	0.000257067	0.001652534	0.004526405	0.010684700	0.023822596
24	0.000385026	0.001145381	0.003219076	0.007810829	0.017883063
25	0.000261964	0.000799765	0.002302442	0.005737134	0.013465193
26	0.000179679	0.000562500	0.001656274	0.004234457	0.010172084
27	0.000124209	0.000398434	0.001198256	0.003140682	0.007711096
28	0.000086518	0.000284173	0.000871798	0.002340860	0.005866608
29	0.000060705	0.000204343	0.000637617	0.001753235	0.004479814
30	0.000042903	0.000147464	0.000469188	0.001319461	0.003433653
31	0.000030529	0.000107248	0.000346995	0.000997736	0.002641715
32	0.000021869	0.000076476	0.000257972	0.000757990	0.002040086
33	0.000015766	0.000057768	0.000192771	0.000578496	0.001581380
34	0.000011438	0.000042767	0.000144770	0.000443492	0.001230371
35	0.000008348	0.000031838	0.000109251	0.000341450	0.000960792
36	0.000006128	0.000023830	0.000082938	0.000264077	0.000753000
37	0.000004524	0.000017929	0.000063101	0.000205069	0.000592254
38	0.000003358	0.000013558	0.000048382	0.000159847	0.000467458
39	0.000002505	0.000010302	0.000037106	0.000125173	0.000370229
40	0.000001879	0.000007866	0.000028637	0.000098370	0.000294214
41	0.000001416	0.000006033	0.000022193	0.000077598	0.000234580
42	0.000001072	0.000004648	0.000017268	0.000061438	0.000187639
43	0.000000816	0.000003596	0.000013489	0.000048818	0.000150568
44	0.000000623	0.000002794	0.000010576	0.000038926	0.000121195
45	0.000000478	0.000002180	0.000008324	0.000031144	0.000097849
46	0.000000369	0.000001707	0.000006574	0.000025000	0.000079234
47	0.000000285	0.000001342	0.000005211	0.000020133	0.000064346
48	0.000000222	0.000001059	0.000004144	0.000016264	0.000052404
49	0.000000172	0.000000839	0.000003207	0.000013174	0.000042796
50	0.000000135	0.000000667	0.000002647	0.000010711	0.000035344

P(U ≤ U*) (CONTINUED)

M = 21

N	17	18	19	20	21
21	0.078878688	0.137840912	0.216457212	0.321278945	0.436582852
22	0.060733665	0.109467320	0.177149062	0.271001079	0.378930898
23	0.046813363	0.086842280	0.144661826	0.227684764	0.327312289
24	0.036138986	0.068873744	0.117978881	0.190719789	0.281644673
25	0.027955296	0.054641240	0.096152709	0.159408281	0.241640524
26	0.021676250	0.043385717	0.078362080	0.133037773	0.206849967
27	0.016851924	0.034490866	0.063889102	0.110926280	0.176778328
28	0.013138463	0.027461814	0.052129808	0.092447388	0.150907881
29	0.010273793	0.021904354	0.042580907	0.077041829	0.128733211
30	0.008058448	0.017506242	0.034827195	0.064220339	0.109770735
31	0.006340667	0.014021129	0.028528670	0.053561288	0.093613478
32	0.005004934	0.011255155	0.023408361	0.044705409	0.079845537
33	0.003963231	0.009056003	0.019241548	0.037349182	0.068132161
34	0.003148587	0.007304089	0.015863642	0.031237856	0.058172962
35	0.002509048	0.005905536	0.013075898	0.026158664	0.049707643
36	0.002005865	0.004786615	0.010811573	0.021934573	0.042512147
37	0.001608615	0.003889776	0.008957140	0.018418682	0.036539472
38	0.001294027	0.003168225	0.007437731	0.015489341	0.031190954
39	0.001044134	0.002587224	0.006187766	0.013045942	0.026762294
40	0.000845026	0.002118014	0.005159040	0.011005354	0.022990297
41	0.000685902	0.001718170	0.004310381	0.009298911	0.019774824
42	0.000558355	0.001429930	0.003608869	0.007869905	0.017031133
43	0.000455816	0.001179192	0.003027819	0.006671489	0.014687561
44	0.000373145	0.000974739	0.002545568	0.005664946	0.012683544
45	0.000306301	0.000807630	0.002144506	0.004818258	0.010967887
46	0.000252103	0.000670720	0.001810287	0.004104924	0.009497323
47	0.000208034	0.000558240	0.001533533	0.003502992	0.008273573
48	0.000172115	0.000464574	0.001294508	0.002994254	0.007150792
49	0.000142752	0.000384904	0.001101953	0.002563553	0.006217691
50	0.000118689	0.000326279	0.000937519	0.002198440	0.005413790

P(U ≤ U*) (CONTINUED)

M = 21

N	22	23	24	25	26
21	0.563417148	0.678721055	0.783542788	0.862159088	0.921121312
22	0.502815561	0.621069102	0.733691522	0.822850938	0.893239950
23	0.446035000	0.564757892	0.682440513	0.780617530	0.861564895
24	0.393575291	0.510729882	0.631151083	0.736464422	0.826732998
25	0.346012218	0.459872247	0.580632486	0.691330134	0.789448152
26	0.303070161	0.412440568	0.531722949	0.646044895	0.750425765
27	0.264773850	0.368690013	0.485003125	0.601310237	0.710350967
28	0.230736691	0.328708412	0.440864591	0.557653945	0.669650124
29	0.200756537	0.292422584	0.395564728	0.514635378	0.629473900
30	0.174444610	0.259684714	0.361224649	0.475657076	0.586889501
31	0.151438826	0.230291574	0.325870663	0.447374600	0.550879768
32	0.131384393	0.204007325	0.293654625	0.401337442	0.513346942
33	0.113944477	0.180580573	0.263875692	0.367994592	0.47519436
34	0.098806494	0.159756793	0.236994086	0.336758922	0.442260199
35	0.085685250	0.141287005	0.212647548	0.307794937	0.410375717
36	0.074323700	0.124933548	0.190660364	0.281034734	0.379624957
37	0.064649470	0.110473649	0.170851661	0.256787178	0.350727822
38	0.055991450	0.097701377	0.153041378	0.233745424	0.323672844
39	0.048639875	0.086424424	0.137054231	0.212992942	0.298423992
40	0.042283133	0.076484069	0.122723096	0.194008264	0.274926563
41	0.036785712	0.067714598	0.109890352	0.176668629	0.253112183
42	0.032029980	0.05982376	0.098409174	0.160852721	0.232907967
43	0.027914085	0.053164719	0.088143951	0.146442672	0.214214935
44	0.024350015	0.047152663	0.078670311	0.133523460	0.196360756
45	0.021261832	0.041849722	0.070774856	0.121393842	0.181051932
46	0.018584089	0.037170656	0.063454689	0.110546916	0.166400487
47	0.016260431	0.033460708	0.056916812	0.100690404	0.154020272
48	0.014242354	0.029397508	0.051077450	0.091736714	0.140527832
49	0.012488125	0.026169011	0.045861342	0.083604861	0.129141238
50	0.010961844	0.023418811	0.041201333	0.076721200	0.118690785

77 ≤ U1 (CONTINUED)

M = 21

U1	27	28	29	30	31
N					
21	0.957405758	0.979734648	0.990899093	0.996481316	0.998714205
22	0.939263535	0.969251754	0.985316871	0.993884933	0.997597760
23	0.917605378	0.955923657	0.977819816	0.990136406	0.995884148
24	0.892698496	0.93702252	0.96240246	0.985027302	0.993420830
25	0.864923550	0.920659228	0.956489307	0.978385467	0.990063419
26	0.834733391	0.898967772	0.942555388	0.970084408	0.985684187
27	0.802615200	0.874879879	0.926496792	0.960047786	0.980178383
28	0.769065206	0.848702730	0.908430873	0.948249635	0.973468184
29	0.734555612	0.820776505	0.888521492	0.934711256	0.965504431
30	0.699528375	0.791455362	0.866966269	0.919495804	0.952666779
31	0.664376936	0.761090138	0.843984597	0.902701805	0.945160572
32	0.629456807	0.730019198	0.819807046	0.884454297	0.934017190
33	0.595053884	0.698556695	0.794666449	0.864900499	0.921087740
34	0.561415470	0.666988338	0.768790746	0.844199937	0.907040930
35	0.528738154	0.635567842	0.742397529	0.822519795	0.891959091
36	0.497174838	0.604515672	0.715690107	0.800029334	0.875934638
37	0.466839384	0.574019288	0.688854899	0.776895534	0.855086793
38	0.437811494	0.544234477	0.662059923	0.751279623	0.841458666
39	0.410141518	0.515287426	0.635454177	0.729334451	0.823214726
40	0.383855041	0.487277245	0.609167700	0.705202604	0.804438671
41	0.358957103	0.460209737	0.58312149	0.681015153	0.787231690
42	0.335436010	0.434345224	0.557981741	0.656890954	0.765691090
43	0.313266703	0.409511337	0.533254437	0.632936379	0.745909247
44	0.292416499	0.385705632	0.509193279	0.609245393	0.725172858
45	0.272833608	0.363203259	0.485847786	0.585899889	0.70594536
46	0.254477273	0.341727822	0.463255373	0.562970286	0.685952013
47	0.237291559	0.321353808	0.441442736	0.540916101	0.666009930
48	0.221220835	0.302081869	0.420627173	0.518868819	0.646159435
49	0.206208183	0.283812044	0.400217835	0.497222660	0.626562429
50	0.192196375	0.266581922	0.380616869	0.476455430	0.607161463

77 ≤ U1 (CONTINUED)

M = 21

U1	32	33	34	35	36
N					
21	0.999607360	0.999886471	0.999973694	0.999994216	0.999999045
22	0.999197132	0.999746916	0.999933442	0.999983955	0.999996926
23	0.998511687	0.999497014	0.999856248	0.999961905	0.999991737
24	0.997449723	0.999086461	0.999715976	0.999919642	0.999980633
25	0.995902394	0.998456946	0.999483329	0.999845582	0.999959229
26	0.993759366	0.997544606	0.999121790	0.999724831	0.999921296
27	0.990914701	0.996282860	0.998589490	0.999539280	0.999858236
28	0.987272021	0.994605310	0.997840584	0.999267911	0.99976067
29	0.982748610	0.992448460	0.996826865	0.998887291	0.999614500
30	0.977278253	0.989754057	0.995499475	0.998372184	0.999405962
31	0.970813119	0.986470961	0.993810575	0.997696253	0.999118462
32	0.963323944	0.982556501	0.991714861	0.996832769	0.998734159
33	0.954800084	0.977977321	0.989170872	0.995755315	0.998234164
34	0.945248253	0.972709767	0.986142029	0.99438426	0.997508959
35	0.934640966	0.966739873	0.982597404	0.992858160	0.996808825
36	0.923164605	0.960063017	0.978512273	0.990992568	0.995844262
37	0.910717299	0.952683335	0.973868113	0.988822073	0.994686372
38	0.897406749	0.944612043	0.968653135	0.986329747	0.993317207
39	0.883298102	0.935871055	0.962861634	0.983501489	0.991720073
40	0.868461940	0.926483028	0.956493935	0.980326126	0.989879772
41	0.852792440	0.916479392	0.949555930	0.976795431	0.987782793
42	0.8364905723	0.905894930	0.942058581	0.972904074	0.985417459
43	0.820338430	0.894767613	0.934017378	0.968649523	0.982774006
44	0.803346453	0.883138054	0.925431760	0.964031904	0.979844639
45	0.786004127	0.871048423	0.916384537	0.959053821	0.976623526
46	0.768383008	0.858541909	0.906841320	0.953720160	0.973106775
47	0.750551635	0.845662066	0.896249971	0.948037877	0.969292370
48	0.732574445	0.832452284	0.884440089	0.942015770	0.965180088
49	0.714513470	0.818955333	0.875642528	0.935664264	0.960791194
50	0.696424120	0.805212082	0.864488965	0.928995182	0.956069333

$P(U \leq U^*)$ (CONTINUED)

M = 21

N	37	38	39	40	41
21	0.999999850	0.999999984	0.999999996	1.000000000	1.000000000
22	0.999999448	0.999999928	0.999999997	0.999999999	1.000000000
23	0.999998367	0.999999748	0.999999961	0.999999997	1.000000000
24	0.999995881	0.999999269	0.999999893	0.999999987	0.999999999
25	0.999990798	0.999998164	0.999999715	0.999999900	0.999999997
26	0.999981328	0.999995881	0.999999327	0.999999892	0.999999991
27	0.999964955	0.999991560	0.999998561	0.999999741	0.999999976
28	0.999938351	0.999983959	0.999997161	0.999999435	0.999999967
29	0.999897303	0.999971371	0.999994761	0.999998864	0.999999890
30	0.999867033	0.999951567	0.999990862	0.999997862	0.999999787
31	0.999750552	0.999927466	0.999984817	0.999996198	0.999999612
32	0.999632037	0.999878514	0.999975807	0.999993559	0.999999328
33	0.999473588	0.999817873	0.999962834	0.999989538	0.999998884
34	0.999267017	0.999735244	0.999944714	0.999983625	0.999998217
35	0.999003440	0.999625504	0.999920071	0.999975194	0.999997244
36	0.998674417	0.999483033	0.999887341	0.999963499	0.999995866
37	0.998270110	0.999301792	0.999844782	0.999947665	0.999993962
38	0.997781418	0.999075392	0.999790483	0.999926891	0.999991390
39	0.997199130	0.998797188	0.999722379	0.999899449	0.999987985
40	0.996514248	0.998460361	0.999638271	0.999866689	0.999983558
41	0.995718110	0.998058012	0.999535844	0.999821040	0.999977857
42	0.994802467	0.997583249	0.999412491	0.999767025	0.999970767
43	0.993759715	0.997029271	0.999266336	0.999701069	0.999961909
44	0.992582675	0.996389444	0.999094254	0.999621507	0.999951041
45	0.991264947	0.995657373	0.998893898	0.999524602	0.999938599
46	0.989860805	0.994826964	0.998662717	0.999414525	0.999922042
47	0.988185254	0.993892479	0.998398183	0.999283514	0.999903246
48	0.986414046	0.992848578	0.998097802	0.999131605	0.999881113
49	0.984433686	0.991690363	0.997759143	0.998965928	0.999856268
50	0.982391425	0.990413396	0.997379544	0.998757579	0.999825323

$P(U \leq U^*)$ (CONTINUED)

M = 21

N	42
21	1.000000000
22	.
23	.
24	1.000000000
25	0.999999999
26	0.999999997
27	0.999999992
28	0.999999982
29	0.999999962
30	0.999999925
31	0.999999861
32	0.999999752
33	0.999999578
34	0.999999311
35	0.999998912
36	0.999998334
37	0.999997519
38	0.999996455
39	0.999995179
40	0.999993679
41	0.999992870
42	0.999991056
43	0.999988906
44	0.999986276
45	0.999983193
46	0.999979011
47	0.999973006
48	0.999965479
49	0.9999562107
50	0.999945653

$P(U \leq U^*)$ (CONTINUED)

M = 22

N	2	3	4	5	6
22	0.000000000	0.000000000	0.000000000	0.000000005	0.000000047
23	0.000000000	0.000000000	0.000000000	0.000000003	0.000000026
24	0.000000000	0.000000000	0.000000000	0.000000001	0.000000015
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000009
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	.	.	.	.	.
33	.	.	.	.	.
34	.	.	.	.	.
35	.	.	.	.	.
36	.	.	.	.	.
37	.	.	.	.	.
38	.	.	.	.	.
39	.	.	.	.	.
40	.	.	.	.	.
41	.	.	.	.	.
42	.	.	.	.	.
43	.	.	.	.	.
44	.	.	.	.	.
45	.	.	.	.	.
46	.	.	.	.	.
47	.	.	.	.	.
48	.	.	.	.	.
49	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(1 < U) (CONTINUED)

M = 22

N	7	8	9	10	11
22	0.000000312	0.00000193	0.000000960	0.000043608	0.000159371
23	0.000000179	0.000001174	0.000005777	0.000027046	0.000101489
24	0.000000105	0.000000702	0.000003538	0.000016971	0.000065331
25	0.000000062	0.000000425	0.000002194	0.000010769	0.000042694
26	0.000000037	0.000000261	0.000001178	0.000006907	0.000027918
27	0.000000023	0.000000162	0.000000875	0.000004476	0.000018518
28	0.000000014	0.000000102	0.000000562	0.000002929	0.000012397
29	0.000000009	0.000000065	0.000000365	0.000001935	0.000008373
30	0.000000006	0.000000041	0.000000239	0.000001290	0.000005704
31	0.000000004	0.000000027	0.000000158	0.000000867	0.000003917
32	0.000000002	0.000000018	0.000000096	0.000000588	0.000002711
33	0.000000001	0.000000012	0.000000071	0.000000402	0.000001891
34	0.000000001	0.000000008	0.000000048	0.000000277	0.000001329
35	0.000000001	0.000000005	0.000000033	0.000000192	0.000000940
36	0.000000000	0.000000003	0.000000023	0.000000144	0.000000670
37	0.000000000	0.000000002	0.000000016	0.000000095	0.000000480
38	0.000000000	0.000000001	0.000000011	0.000000067	0.000000346
39	0.000000000	0.000000001	0.000000008	0.000000048	0.000000251
40	0.000000000	0.000000000	0.000000006	0.000000034	0.000000183
41	0.000000000	0.000000000	0.000000004	0.000000025	0.000000135
42	0.000000000	0.000000000	0.000000003	0.000000016	0.000000099
43	0.000000000	0.000000000	0.000000002	0.000000013	0.000000080
44	0.000000000	0.000000000	0.000000002	0.000000010	0.000000055
45	0.000000000	0.000000000	0.000000001	0.000000007	0.000000041
46	0.000000000	0.000000000	0.000000001	0.000000005	0.000000031
47	0.000000000	0.000000000	0.000000001	0.000000004	0.000000025
48	0.000000000	0.000000000	0.000000000	0.000000003	0.000000018
49	0.000000000	0.000000000	0.000000000	0.000000002	0.000000014
50	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010

P(1 < U) (CONTINUED)

M = 22

N	12	13	14	15	16
22	0.000552966	0.001602554	0.004401454	0.010390098	0.023251192
23	0.000361828	0.001077760	0.003044765	0.007400276	0.017034586
24	0.000238890	0.000730922	0.002119116	0.005292771	0.012818504
25	0.000159108	0.000499279	0.001483963	0.003805120	0.009211202
26	0.000106875	0.000343745	0.001045564	0.002750049	0.006832170
27	0.000072384	0.000238469	0.000741215	0.001980799	0.005076113
28	0.000049417	0.000166499	0.000528225	0.001459423	0.003766416
29	0.000034000	0.000117288	0.000379253	0.001071591	0.002835847
30	0.000023563	0.000083119	0.000274679	0.000750913	0.002132612
31	0.000016456	0.000059246	0.000198123	0.000526742	0.001610351
32	0.000011571	0.000042540	0.000144457	0.000437465	0.001270966
33	0.000008191	0.000030767	0.000106369	0.000327775	0.000929506
34	0.000005437	0.000022367	0.000078468	0.000246773	0.000710469
35	0.000004185	0.000016156	0.000058186	0.000186664	0.000545208
36	0.000003020	0.000012329	0.000044364	0.000141846	0.000420026
37	0.000002162	0.000008895	0.000033247	0.000108277	0.000324834
38	0.000001600	0.000006613	0.000024448	0.000083007	0.000252165
39	0.000001174	0.000004942	0.000018475	0.000063909	0.000196480
40	0.000000866	0.000003712	0.000014030	0.000049409	0.000153648
41	0.000000643	0.000002801	0.000010701	0.000038353	0.000120581
42	0.000000479	0.000002124	0.000008177	0.000029888	0.000094361
43	0.000000359	0.000001618	0.000006305	0.000023381	0.000075038
44	0.000000270	0.000001238	0.000004869	0.000018359	0.000059493
45	0.000000204	0.000000951	0.000003775	0.000014268	0.000047322
46	0.000000155	0.000000714	0.000002938	0.000011441	0.000037761
47	0.000000116	0.000000568	0.000002295	0.000009079	0.000030225
48	0.000000091	0.000000444	0.000001772	0.000007179	0.000024266
49	0.000000070	0.000000345	0.000001416	0.000005775	0.000019540
50	0.000000054	0.000000270	0.000001119	0.000004628	0.000015780

0 5 01 (CONTINUED)

M = 22

N	17	18	19	20	21
22	0.045742355	0.085101892	0.141554556	0.224075071	0.322619688
23	0.034446774	0.066109354	0.113528224	0.184558960	0.273347380
24	0.026066752	0.051356816	0.090646916	0.151580404	0.230728938
25	0.019744236	0.039922479	0.074418170	0.124247604	0.194198845
26	0.014996344	0.031069769	0.057854695	0.101713157	0.163109405
27	0.011424558	0.024217636	0.046250160	0.083207943	0.136796727
28	0.008731278	0.018911875	0.037010715	0.068055252	0.114622058
29	0.006695159	0.014759712	0.029545806	0.055672679	0.095005335
30	0.005151434	0.011608159	0.023804772	0.045567000	0.080386565
31	0.003977448	0.009127482	0.019141438	0.037325510	0.067329228
32	0.003081790	0.007195182	0.015421968	0.030605079	0.056418785
33	0.002396224	0.005686938	0.012451185	0.025126529	0.047308381
34	0.001869710	0.004506982	0.010074558	0.020656207	0.039703175
35	0.001463975	0.003581623	0.008169861	0.017006466	0.033541185
36	0.001150250	0.002854105	0.006604448	0.014023819	0.028052722
37	0.000906842	0.002280652	0.005439887	0.011583552	0.023622200
38	0.000717351	0.001827453	0.004417690	0.009584460	0.019918001
39	0.000569377	0.001468338	0.003615950	0.007944471	0.016817939
40	0.000453377	0.001183015	0.002966672	0.006597044	0.014220826
41	0.000362126	0.000955715	0.002479682	0.005488229	0.012042603
42	0.000300178	0.000774154	0.002010981	0.004574260	0.010213475
43	0.000253219	0.000628742	0.001661443	0.003819616	0.008675507
44	0.000188039	0.000511974	0.001375802	0.003155439	0.007380603
45	0.000152046	0.000417963	0.001141849	0.002678258	0.006288841
46	0.000131258	0.000362178	0.000964977	0.002448967	0.005366941
47	0.000100269	0.000280666	0.000791790	0.001891988	0.004587473
48	0.000081767	0.000230842	0.000661504	0.001594604	0.003927355
49	0.000068599	0.000193538	0.000538147	0.001336794	0.003367944
50	0.000054814	0.000157279	0.000464673	0.001138916	0.002891947

PIU 5 01 (CONTINUED)

M = 22

N	22	23	24	25	26
22	0.440877229	0.559126771	0.677380312	0.775974929	0.858045444
23	0.384155327	0.500000000	0.620881398	0.726652620	0.818992577
24	0.333012158	0.444596026	0.565477424	0.676285371	0.777019869
25	0.287467167	0.394453896	0.512159033	0.625918122	0.733082482
26	0.247309973	0.346619735	0.461638692	0.576457649	0.688081190
27	0.212190603	0.304719451	0.414183271	0.528616417	0.642849563
28	0.181678258	0.267022513	0.372654863	0.482923159	0.598070169
29	0.155308662	0.234944133	0.330525586	0.439743030	0.554325594
30	0.132615912	0.203837740	0.296025076	0.399302124	0.512700033
31	0.113153089	0.177723076	0.261039187	0.361712821	0.471643802
32	0.096504561	0.154811145	0.231338536	0.326997775	0.433285818
33	0.082292352	0.134768257	0.206736157	0.295111362	0.397147084
34	0.070717824	0.117276282	0.180997048	0.265958070	0.363309241
35	0.059864001	0.102038707	0.159478305	0.239407751	0.331790441
36	0.051088338	0.088783800	0.141128607	0.215307919	0.302565932
37	0.043624877	0.077265742	0.124544795	0.193401415	0.275575106
38	0.037278348	0.067264404	0.109876166	0.173793810	0.250731714
39	0.031881191	0.058584230	0.096927054	0.156038909	0.227931705
40	0.027290166	0.051052603	0.085608137	0.140062752	0.207059603
41	0.023383194	0.044517933	0.075446819	0.125706256	0.187993600
42	0.020056468	0.038847637	0.066586981	0.112819224	0.170609525
43	0.017321876	0.033926141	0.058788303	0.101261163	0.154783873
44	0.014804721	0.029652267	0.051075310	0.090901929	0.140396048
45	0.012741742	0.025940898	0.045886289	0.081621762	0.127329970
46	0.010979389	0.022714437	0.040571119	0.073311202	0.115475172
47	0.009472352	0.019608730	0.035805107	0.065870501	0.104727494
48	0.008182266	0.017465791	0.031777852	0.059209302	0.094989456
49	0.007076765	0.015438321	0.028152166	0.054245644	0.086170404
50	0.006128312	0.013463667	0.024453072	0.049906842	0.078186469

(U < U*) (CONTINUED)

M = 22

UT	27	28	29	30	31
22	0.914898108	0.934257665	0.976748608	0.989600097	0.995598546
23	0.886471776	0.936466901	0.968503778	0.981567598	0.992599124
24	0.854507945	0.913518095	0.95453471	0.975538966	0.988384713
25	0.819638311	0.888122044	0.924793148	0.965340966	0.982764699
26	0.782542956	0.859824466	0.915026367	0.952878771	0.975590213
27	0.743901961	0.829064868	0.892465799	0.93813653	0.966757985
28	0.704359718	0.796341058	0.868612111	0.9217477	0.956213387
29	0.664501137	0.762133615	0.842331728	0.902106716	0.943949208
30	0.624837942	0.726925939	0.814436733	0.891108636	0.930001711
31	0.585802896	0.691180522	0.785267688	0.858386858	0.914444887
32	0.547749865	0.655295755	0.755159795	0.834173102	0.897383748
33	0.510957850	0.619635802	0.724432398	0.809713259	0.876947309
34	0.475637516	0.584505535	0.693381555	0.782256673	0.859281775
35	0.441939033	0.550174374	0.662275264	0.755048413	0.838544248
36	0.409960410	0.516838568	0.631330880	0.727323104	0.816897179
37	0.379755713	0.486644856	0.600814264	0.699300558	0.794503661
38	0.351342820	0.453774941	0.570840223	0.671181893	0.771523563
39	0.324710468	0.424254340	0.541573903	0.643149281	0.748110506
40	0.299974501	0.396151279	0.513132796	0.613363500	0.724409585
41	0.276633276	0.369511440	0.485609145	0.587964673	0.700555754
42	0.255072274	0.344323385	0.459072527	0.561072654	0.67672797
43	0.235677994	0.320577694	0.43572495	0.534788009	0.652872768
44	0.216540847	0.298250073	0.404914165	0.509193279	0.629255815
45	0.199408267	0.277301511	0.385755672	0.484354471	0.605910322
46	0.183586202	0.257685014	0.365404660	0.460322581	0.582913269
47	0.169090961	0.239247429	0.342374358	0.437151568	0.560330254
48	0.155540484	0.222231302	0.322267528	0.414818051	0.538218743
49	0.143155046	0.206276496	0.303213009	0.393386509	0.516623626
50	0.131759118	0.191421525	0.285178399	0.372846489	0.495563142

PRU < U* (CONTINUED)

M = 22

UT	32	33	34	35	36
22	0.908397446	0.909447034	0.909840654	0.909956392	0.909990440
23	0.8977085735	0.8973022240	0.89653867	0.896446511	0.896975081
24	0.885128730	0.888079238	0.89034761	0.89270036	0.895943177
25	0.862330681	0.866814734	0.86832559	0.869604040	0.869883363
26	0.835444146	0.845021113	0.848057101	0.849307341	0.849780087
27	0.803629342	0.820502750	0.826541897	0.828623859	0.829613393
28	0.774741237	0.789428871	0.795407658	0.798221205	0.799359036
29	0.749984577	0.765445013	0.77375652	0.777414971	0.779888885
30	0.726111535	0.740561389	0.746770554	0.7496175407	0.7508471556
31	0.693841385	0.707477580	0.71375444	0.7166574359	0.717734031
32	0.659173028	0.677903124	0.685574097	0.692742316	0.696859177
33	0.626144591	0.650067638	0.678872805	0.690487761	0.695693363
34	0.591816845	0.615218147	0.64381380	0.67722255	0.694240893
35	0.556266763	0.581367822	0.607073715	0.634462996	0.662468282
36	0.525990032	0.550544288	0.579935781	0.6080682718	0.630344281
37	0.491911948	0.518787690	0.541965207	0.576360439	0.587840549
38	0.453523602	0.486148636	0.51170532	0.541481393	0.584932254
39	0.423953456	0.462686129	0.493570219	0.526603696	0.581598415
40	0.403922354	0.438465576	0.473191509	0.500246630	0.577822147
41	0.383503003	0.423556932	0.462069187	0.503447287	0.575590784
42	0.362352904	0.4048033010	0.450244325	0.496311312	0.568895881
43	0.341042723	0.381967990	0.427763740	0.473863497	0.563733117
44	0.319525056	0.361546123	0.4074675312	0.450429843	0.558102129
45	0.297898534	0.340510641	0.3861033879	0.42718198	0.552006271
46	0.276254249	0.321262851	0.36685327	0.415223604	0.545452339
47	0.2546575420	0.30761417	0.353736649	0.402872078	0.538450252
48	0.233237284	0.286071766	0.331735699	0.38791555	0.531012719
49	0.212007150	0.26255821	0.307029015	0.36311610	0.523154901
50	0.191044594	0.240371410	0.286442244	0.341442610	0.514894061

P(U ≤ U*) (CONTINUED)

M = 22

N	37	38	39	40	41
22	0.999998007	0.999999688	0.999999953	0.999999995	1.000000000
23	0.999998223	0.999999950	0.999999821	0.999999978	0.999999997
24	0.999998516	0.999999959	0.999999948	0.999999991	0.999999990
25	0.999998700	0.999999986	0.999999952	0.999999975	0.999999966
26	0.999998769	0.999999939	0.999999647	0.999999933	0.999999906
27	0.999998851	0.999999875	0.999999260	0.999998519	0.999999970
28	0.999998915	0.999999499	0.999998635	0.999998666	0.999999992
29	0.999998975	0.999999875	0.999997269	0.999998356	0.999998967
30	0.999999021	0.999999285	0.999997612	0.999998709	0.999998037
31	0.999999079	0.999999404	0.999997056	0.999998061	0.999998483
32	0.999999126	0.999999522	0.999996486	0.999997424	0.999998002
33	0.999999173	0.999999671	0.999995993	0.999996818	0.999997206
34	0.999999219	0.999999760	0.999995588	0.999996295	0.999996458
35	0.999999264	0.999999846	0.999995233	0.999995829	0.999995972
36	0.999999309	0.999999928	0.999994922	0.999995400	0.999995403
37	0.999999354	0.999999998	0.999994609	0.999995002	0.999995027
38	0.999999399	0.999999999	0.999994346	0.999994686	0.999994686
39	0.999999444	0.999999999	0.999994083	0.999994376	0.999994376
40	0.999999489	0.999999999	0.999993820	0.999994063	0.999994063
41	0.999999534	0.999999999	0.999993557	0.999993750	0.999993750
42	0.999999579	0.999999999	0.999993294	0.999993443	0.999993443
43	0.999999624	0.999999999	0.999993031	0.999993180	0.999993180
44	0.999999669	0.999999999	0.999992768	0.999992917	0.999992917
45	0.999999714	0.999999999	0.999992505	0.999992654	0.999992654
46	0.999999759	0.999999999	0.999992242	0.999992391	0.999992391
47	0.999999804	0.999999999	0.999991979	0.999992128	0.999992128
48	0.999999849	0.999999999	0.999991716	0.999991865	0.999991865
49	0.999999894	0.999999999	0.999991453	0.999991602	0.999991602
50	0.999999939	0.999999999	0.999991190	0.999991339	0.999991339

P(U ≤ U*) (CONTINUED)

M = 22

N	42	43	44
22	1.000000000	1.000000000	1.000000000
23	1.000000000	1.000000000	1.000000000
24	1.000000000	1.000000000	1.000000000
25	1.000000000	1.000000000	1.000000000
26	1.000000000	1.000000000	1.000000000
27	1.000000000	1.000000000	1.000000000
28	1.000000000	1.000000000	1.000000000
29	1.000000000	1.000000000	1.000000000
30	1.000000000	1.000000000	1.000000000
31	1.000000000	1.000000000	1.000000000
32	1.000000000	1.000000000	1.000000000
33	1.000000000	1.000000000	1.000000000
34	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000
39	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 23

N	2	3	4	5	6
23	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
24	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(0 ≤ U*) (CONTINUED)

M = 23

U*	7	8	9	10	11
N					
23	0.000000101	0.000000677	0.000003413	0.000016411	0.000063204
24	0.000000258	0.000000396	0.000002045	0.000010080	0.000039808
25	0.000000333	0.000000235	0.000001242	0.000006283	0.000025345
26	0.000000423	0.000000141	0.000000765	0.000003935	0.000016306
27	0.000000512	0.000000086	0.000000475	0.000002499	0.000010597
28	0.000000607	0.000000053	0.000000299	0.000001604	0.000006993
29	0.000000704	0.000000033	0.000000180	0.000001049	0.000004694
30	0.000000803	0.000000021	0.000000122	0.000000680	0.000003076
31	0.000000902	0.000000013	0.000000076	0.000000449	0.000002073
32	0.000001001	0.000000008	0.000000045	0.000000299	0.000001409
33	0.000001100	0.000000006	0.000000029	0.000000201	0.000000965
34	0.000001200	0.000000004	0.000000017	0.000000136	0.000000666
35	0.000001300	0.000000002	0.000000010	0.000000083	0.000000463
36	0.000001400	0.000000001	0.000000006	0.000000054	0.000000324
37	0.000001500	0.000000000	0.000000003	0.000000037	0.000000228
38	0.000001600	0.000000000	0.000000002	0.000000023	0.000000162
39	0.000001700	0.000000000	0.000000001	0.000000015	0.000000116
40	0.000001800	0.000000000	0.000000000	0.000000011	0.000000083
41	0.000001900	0.000000000	0.000000000	0.000000008	0.000000060
42	0.000002000	0.000000000	0.000000000	0.000000006	0.000000044
43	0.000002100	0.000000000	0.000000000	0.000000004	0.000000032
44	0.000002200	0.000000000	0.000000000	0.000000003	0.000000023
45	0.000002300	0.000000000	0.000000000	0.000000002	0.000000017
46	0.000002400	0.000000000	0.000000000	0.000000001	0.000000013
47	0.000002500	0.000000000	0.000000000	0.000000000	0.000000010
48	0.000002600	0.000000000	0.000000000	0.000000000	0.000000007
49	0.000002700	0.000000000	0.000000000	0.000000000	0.000000005
50	0.000002800	0.000000000	0.000000000	0.000000000	0.000000003

P(0 ≤ U*) (CONTINUED)

M = 23

U*	12	13	14	15	16
N					
23	0.000231659	0.000708947	0.001401265	0.002152271	0.002217743
24	0.000144721	0.000470404	0.001140455	0.001606767	0.001929895
25	0.000097657	0.000314592	0.000861888	0.001253904	0.001652264
26	0.000064268	0.000211150	0.000661133	0.001079753	0.001460761
27	0.000042649	0.000140661	0.000466191	0.000827987	0.001256518
28	0.000028559	0.000098778	0.000323339	0.000591645	0.000945619
29	0.000019273	0.000066170	0.000227490	0.000455931	0.000804416
30	0.000013109	0.000047889	0.000161076	0.000327780	0.000613182
31	0.000008985	0.000033175	0.000116771	0.000234790	0.000487460
32	0.000006203	0.000023384	0.000082251	0.000154648	0.000351197
33	0.000004313	0.000016572	0.000059436	0.000118171	0.000254982
34	0.000003020	0.000011848	0.000041974	0.000083857	0.000182998
35	0.000002128	0.000008513	0.000031321	0.000060307	0.000131156
36	0.000001510	0.000006153	0.000022449	0.000042693	0.000093987
37	0.000001077	0.000004474	0.000016903	0.000030742	0.000064947
38	0.000000776	0.000003271	0.000012512	0.000021957	0.000043702
39	0.000000559	0.000002404	0.000009307	0.000015975	0.000031935
40	0.000000406	0.000001777	0.000006957	0.000011666	0.000023091
41	0.000000296	0.000001300	0.000005154	0.000008166	0.000016757
42	0.000000217	0.000000985	0.000003940	0.000006105	0.000012475
43	0.000000160	0.000000749	0.000002985	0.000004327	0.000009730
44	0.000000119	0.000000557	0.000002272	0.000003361	0.000007471
45	0.000000089	0.000000421	0.000001715	0.000002681	0.000005831
46	0.000000066	0.000000320	0.000001331	0.000002030	0.000004517
47	0.000000050	0.000000245	0.000001040	0.000001546	0.000003436
48	0.000000037	0.000000187	0.000000797	0.000001154	0.000002649
49	0.000000029	0.000000144	0.000000615	0.000000867	0.000002012
50	0.000000022	0.000000112	0.000000479	0.000000655	0.000001579

P(0 ≤ U*) (CONTINUED)

M = 23

U*	17	18	19	20	21
N					
23	0.025464608	0.050401364	0.088543682	0.140344502	0.227177431
24	0.018641010	0.038250330	0.055621863	0.120942548	0.188110497
25	0.013977024	0.029172760	0.044606674	0.096612900	0.155337045
26	0.010404027	0.021558486	0.034278408	0.077164111	0.128026485
27	0.007769392	0.017018951	0.023477384	0.062227274	0.09582612
28	0.005826336	0.013037361	0.020266579	0.049957645	0.08681974
29	0.004478527	0.010018482	0.016256131	0.041254881	0.071281449
30	0.003306548	0.007769488	0.012716093	0.034585483	0.058626437
31	0.002506009	0.005855000	0.010246951	0.025953954	0.048235853
32	0.001906534	0.004606631	0.008106846	0.020911571	0.039716378
33	0.001456320	0.003579876	0.006086565	0.016974623	0.032731735
34	0.001116203	0.002788499	0.004611679	0.013637474	0.027035136
35	0.000858931	0.002178581	0.003511336	0.011041171	0.022308479
36	0.000663434	0.001707301	0.002694466	0.008958471	0.018553861
37	0.000514325	0.001341482	0.002167244	0.007277816	0.015287755
38	0.000400179	0.001057911	0.001672043	0.005926052	0.012684525
39	0.000312480	0.000836552	0.001317616	0.004815025	0.010541583
40	0.000244858	0.000664671	0.001101005	0.003952945	0.008775268
41	0.000192521	0.000527745	0.000894417	0.003238460	0.007317356
42	0.000151949	0.000421911	0.000713692	0.002658626	0.006112228
43	0.000120244	0.000335823	0.000561332	0.002197152	0.005145521
44	0.000095460	0.000270143	0.000454578	0.001804010	0.004287121
45	0.000076070	0.000217420	0.000361914	0.001489453	0.003600134
46	0.000060770	0.000174489	0.000290305	0.001233960	0.003028469
47	0.000048727	0.000141875	0.000230192	0.001022711	0.002552107
48	0.000039174	0.000115061	0.000184255	0.000839044	0.002154444
49	0.000031585	0.000093860	0.000149444	0.000707981	0.001821965
50	0.000025539	0.000077270	0.000121281	0.000590782	0.001544461

P(U ≤ U*) (CONTINUED)

M = 23

N	22	23	24	25	26
23	0.328751353	0.439559301	0.560440699	0.671248647	0.772822599
24	0.279876162	0.384155327	0.502464780	0.615844673	0.724295005
25	0.237270675	0.334101328	0.447860417	0.561619507	0.674588602
26	0.200488147	0.289410257	0.397199482	0.509479924	0.624754512
27	0.168964781	0.249887811	0.350778256	0.460076529	0.575680473
28	0.142123855	0.215206358	0.308678638	0.413834952	0.528078849
29	0.119378474	0.184665327	0.270824479	0.370993491	0.482491140
30	0.100177874	0.158730580	0.250702813	0.351205379	0.459301547
31	0.084018165	0.136065020	0.207038034	0.295754233	0.398763633
32	0.070448807	0.116547450	0.180552177	0.263224949	0.361009949
33	0.059073817	0.099784607	0.152251949	0.231889446	0.326086735
34	0.049549678	0.085415899	0.136834675	0.207547368	0.293867881
35	0.041581370	0.073118909	0.118991693	0.183978137	0.264574070
36	0.034917505	0.062606396	0.103425398	0.162953111	0.237787947
37	0.029345188	0.053626215	0.088073489	0.144244401	0.213466627
38	0.024684981	0.045558522	0.078091982	0.127631067	0.191451689
39	0.020786215	0.039412817	0.067860719	0.112903231	0.171577029
40	0.017527367	0.033826817	0.058982845	0.098284609	0.153676794
41	0.014789152	0.029053490	0.051283627	0.088333855	0.137579784
42	0.012497554	0.024977965	0.044608886	0.078145043	0.123132570
43	0.010574700	0.021495080	0.038823233	0.069147527	0.110181615
44	0.008959913	0.018516780	0.033808257	0.061205458	0.098568455
45	0.007601548	0.015968202	0.029460673	0.054196869	0.088209138
46	0.006458278	0.013785597	0.025690718	0.048012820	0.078933065
47	0.005464665	0.011914192	0.022420454	0.042595306	0.070644363
48	0.004681457	0.010309760	0.019582363	0.037741211	0.063240869
49	0.003994262	0.008931400	0.017118023	0.033491268	0.056629847
50	0.003342869	0.007746494	0.014976929	0.029739066	0.050727410

P(U ≤ U*) (CONTINUED)

M = 23

N	27	28	29	30	31
23	0.850956408	0.911056319	0.949696936	0.974535397	0.987782569
24	0.811889503	0.882478477	0.930781337	0.962791441	0.981158983
25	0.770177815	0.850391392	0.903205455	0.943275433	0.972515433
26	0.726728185	0.815400945	0.881905514	0.930766015	0.961710998
27	0.682391805	0.778158386	0.853403556	0.910570361	0.948681531
28	0.639287805	0.735878655	0.818780709	0.883343705	0.923437025
29	0.593988790	0.699542605	0.790028613	0.862735690	0.916054214
30	0.551105078	0.659403266	0.756098644	0.835664679	0.896665660
31	0.509596833	0.619410927	0.721288416	0.806932627	0.875447997
32	0.470077833	0.580012632	0.686021152	0.778884455	0.852609540
33	0.432468218	0.541577432	0.650686645	0.745878867	0.828378793
34	0.397007724	0.506394160	0.615615827	0.714236023	0.802994200
35	0.363769065	0.468888848	0.581098758	0.682249977	0.776605481
36	0.332770629	0.434616859	0.547375185	0.650260662	0.749716623
37	0.303987999	0.402291751	0.514638896	0.618459696	0.722280496
38	0.277364366	0.371775770	0.483041262	0.587084059	0.694594949
39	0.252517672	0.343085054	0.452954662	0.558116716	0.666850203
40	0.230250827	0.316216762	0.423887930	0.526317312	0.639217331
41	0.209554602	0.291145489	0.396048059	0.497204107	0.611847630
42	0.190613869	0.267811192	0.369827416	0.469076386	0.584872683
43	0.173310965	0.246155252	0.345008924	0.442007121	0.558049588
44	0.157572628	0.226093915	0.321595566	0.416047748	0.532538772
45	0.143352586	0.207255286	0.297255623	0.391220902	0.507351526
46	0.130403393	0.190444723	0.278256503	0.367573048	0.482905077
47	0.118177391	0.174686503	0.259449271	0.345076965	0.459247224
48	0.107374893	0.160184837	0.241265817	0.323733998	0.436443171
49	0.097597332	0.146856611	0.228595261	0.311121492	0.414121492
50	0.088667879	0.134617692	0.208482137	0.284427721	0.393303315

P(U ≤ U*) (CONTINUED)

M = 23

N	32	33	34	35	36
23	0.994847770	0.997698777	0.999291053	0.999768141	0.999936796
24	0.991511228	0.994392333	0.996663165	0.999526477	0.999859438
25	0.986921346	0.994124302	0.997669507	0.999129258	0.999719121
26	0.980809882	0.990973009	0.996198708	0.998203673	0.999480018
27	0.973072693	0.986907121	0.994251450	0.997581551	0.998506683
28	0.963567314	0.981457155	0.991343446	0.996296891	0.998544706
29	0.952246181	0.974866161	0.987731274	0.994542216	0.997747736
30	0.939103985	0.966944168	0.981935441	0.992271902	0.996656305
31	0.924170337	0.957666440	0.974400400	0.989405178	0.994219574
32	0.907532568	0.947008494	0.971037310	0.985878651	0.992336167
33	0.889301815	0.934994042	0.963113768	0.981638271	0.991249102
34	0.869817622	0.921667111	0.954548385	0.976640679	0.988214049
35	0.848639104	0.907093247	0.944470257	0.970853004	0.984821854
36	0.826537779	0.891355630	0.933367199	0.964258060	0.980870094
37	0.803401432	0.874451002	0.922183844	0.956844253	0.976707771
38	0.778788316	0.856786106	0.907445385	0.948614928	0.970930128
39	0.752753933	0.838174009	0.893785164	0.939825585	0.964982836
40	0.730449670	0.818830499	0.878702721	0.929768852	0.959357879
41	0.705360777	0.796873825	0.862768858	0.919203342	0.951055247
42	0.680156494	0.778417024	0.846158758	0.907422459	0.943082067
43	0.654972052	0.757574590	0.828868265	0.895968194	0.934451978
44	0.629994866	0.736450538	0.811015288	0.883186958	0.925184499
45	0.605137312	0.71466324	0.793673392	0.870228472	0.915304253
46	0.580606865	0.693356081	0.772773247	0.856444753	0.904840432
47	0.556672512	0.672365041	0.754448195	0.842881812	0.893825356
48	0.533152367	0.651053369	0.735500055	0.829781564	0.882294244
49	0.510189023	0.629891861	0.716301831	0.812878015	0.870285529
50	0.487870402	0.608543417	0.696874547	0.797679143	0.857838224

P(U ≤ U*) (CONTINUED)

M = 23

N	37	38	39	40	41
23	0.999983589	0.999996587	0.999999323	0.999999899	0.999999986
24	0.999980102	0.999990724	0.999997955	0.999999646	0.999999942
25	0.999974395	0.999978002	0.999994741	0.999998970	0.999999816
26	0.999812614	0.999953153	0.999988042	0.99997395	0.99999698
27	0.999697008	0.999908553	0.999975357	0.99994109	0.99998747
28	0.999425462	0.999833890	0.999953089	0.99987836	0.99997391
29	0.999171877	0.999715961	0.999816413	0.99976609	0.99994795
30	0.998726717	0.999538643	0.999850141	0.999958101	0.999990263
31	0.998117772	0.999283037	0.999773675	0.999928613	0.999982841
32	0.997317051	0.998927753	0.999451015	0.999883892	0.999971231
33	0.996271742	0.998449341	0.999480836	0.999818635	0.999953755
34	0.994965182	0.997822804	0.999251615	0.999726566	0.999928420
35	0.993357769	0.997022177	0.998950813	0.999600458	0.999892749
36	0.991461788	0.996021132	0.998565086	0.999432197	0.999844076
37	0.989116117	0.994793574	0.998080523	0.999212869	0.999770042
38	0.986426795	0.993142202	0.997488896	0.998932876	0.999694116
39	0.983374661	0.991569074	0.996757906	0.998582075	0.999585368
40	0.979996644	0.989505800	0.995891475	0.998149920	0.999448555
41	0.975828951	0.987134411	0.994869725	0.997625627	0.999279168
42	0.971405075	0.984427150	0.993679677	0.996998322	0.999072475
43	0.966517497	0.981368412	0.992308932	0.996257202	0.998823577
44	0.961176827	0.977947445	0.990746075	0.995391676	0.998527457
45	0.955371613	0.974153188	0.988980747	0.994391506	0.998179037
46	0.949113088	0.969970705	0.987003739	0.993244927	0.997773230
47	0.942403382	0.965422524	0.984807064	0.991948736	0.997304991
48	0.935249511	0.960481066	0.982383966	0.990488430	0.996769366
49	0.927647044	0.955154815	0.979672908	0.988982728	0.996161533
50	0.919714778	0.949452657	0.976838204	0.987091161	0.995476844

P(U ≤ U*) (CONTINUED)

M = 23

N	42	43	44	45	46
23	0.999997999	1.000000000	1.000000000	1.000000000	1.000000000
24	0.999999974	0.999999997	1.000000000	1.000000000	1.000000000
25	0.999999914	0.999999994	0.999999999	1.000000000	1.000000000
26	0.999999778	0.999999962	0.999999996	1.000000000	1.000000000
27	0.999999476	0.999999945	0.999999994	1.000000000	1.000000000
28	0.999998554	0.999999474	0.999999971	0.999999998	1.000000000
29	0.999997685	0.999998679	0.999999941	0.999999994	0.999999999
30	0.999996524	0.99999776	0.999999956	0.999999987	0.999999998
31	0.999995180	0.99999667	0.999999913	0.999999974	0.999999996
32	0.999993661	0.999995649	0.999999862	0.999999950	0.999999991
33	0.999992090	0.999994101	0.999999801	0.999999910	0.999999981
34	0.999990484	0.999992477	0.999999720	0.999999845	0.999999967
35	0.999988729	0.999990746	0.999999634	0.999999757	0.999999944
36	0.999986816	0.999988941	0.999999547	0.999999677	0.999999921
37	0.999984764	0.999987016	0.999999460	0.999999593	0.999999898
38	0.999982584	0.999984915	0.999999374	0.999999510	0.999999825
39	0.999980282	0.999982640	0.999999287	0.999999427	0.999999751
40	0.999977872	0.999980276	0.999999200	0.999999343	0.999999678
41	0.999975352	0.999977844	0.999999113	0.999999259	0.999999605
42	0.999972722	0.999975315	0.999999026	0.999999176	0.999999532
43	0.999970082	0.999972708	0.999998939	0.999999093	0.999999459
44	0.999967432	0.999970082	0.999998852	0.999999010	0.999999386
45	0.999964782	0.999967432	0.999998765	0.999998927	0.999999313
46	0.999962132	0.999964782	0.999998678	0.999998844	0.999999240
47	0.999959482	0.999962132	0.999998591	0.999998761	0.999999167
48	0.999956832	0.999959482	0.999998504	0.999998678	0.999999094
49	0.999954182	0.999956832	0.999998417	0.999998591	0.999999021
50	0.999951532	0.999954182	0.999998330	0.999998504	0.999998948

P(U ≤ U*) (CONTINUED)

M = 24

N	2	3	4	5	6
24	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

PIU ≤ U¹ (CONTINUED)

M = 24

U ¹	7	8	9	10	11
N					
24	0.000000032	0.000000227	0.000001199	0.000006062	0.000024542
25	0.000000018	0.000000132	0.000000713	0.000003690	0.000015302
26	0.000000011	0.000000078	0.000000429	0.000002273	0.000009645
27	0.000000006	0.000000046	0.000000262	0.000001415	0.000006143
28	0.000000004	0.000000028	0.000000162	0.000000891	0.000003952
29	0.000000002	0.000000017	0.000000101	0.000000566	0.000002567
30	0.000000001	0.000000011	0.000000064	0.000000363	0.000001683
31	0.000000001	0.000000007	0.000000041	0.000000236	0.000001113
32	0.000000001	0.000000004	0.000000026	0.000000154	0.000000743
33	0.000000000	0.000000003	0.000000017	0.000000102	0.000000500
34	0.000000000	0.000000002	0.000000011	0.000000068	0.000000339
35	0.000000000	0.000000001	0.000000007	0.000000045	0.000000235
36	0.000000000	0.000000001	0.000000005	0.000000021	0.000000159
37	0.000000000	0.000000000	0.000000003	0.000000011	0.000000100
38	0.000000000	0.000000000	0.000000002	0.000000006	0.000000054
39	0.000000000	0.000000000	0.000000001	0.000000001	0.000000038
40	0.000000000	0.000000000	0.000000001	0.000000001	0.000000027
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000019
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000014
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000010
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000008
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000005
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002

PIU ≤ U¹ (CONTINUED)

M = 24

U ¹	12	13	14	15	16
N					
24	0.000044765	0.000305421	0.000937436	0.002472301	0.006199831
25	0.000060558	0.000200028	0.000610333	0.001704868	0.004389764
26	0.000039062	0.000132714	0.000426180	0.001182805	0.003121897
27	0.000025824	0.000086256	0.000285544	0.000823093	0.002230395
28	0.000016594	0.000059167	0.000199428	0.000510766	0.001600941
29	0.000011055	0.000040954	0.000137062	0.000409570	0.001154578
30	0.000007381	0.000027323	0.000095695	0.000291046	0.000816633
31	0.000004767	0.000018776	0.000066248	0.000208022	0.000609125
32	0.000003368	0.000012996	0.000047129	0.000149528	0.000445580
33	0.000002301	0.000009057	0.000033379	0.000108061	0.000327671
34	0.000001584	0.000006155	0.000023781	0.000078547	0.000241781
35	0.000001097	0.000004488	0.000017040	0.000057387	0.000179326
36	0.000000765	0.000003189	0.000012279	0.000042145	0.000133599
37	0.000000517	0.000002280	0.000008896	0.000031108	0.000099969
38	0.000000380	0.000001640	0.000006482	0.000023074	0.000075127
39	0.000000270	0.000001186	0.000004744	0.000017197	0.000056697
40	0.000000193	0.000000863	0.000003491	0.000012876	0.000042964
41	0.000000139	0.000000611	0.000002581	0.000009665	0.000032689
42	0.000000100	0.000000464	0.000001917	0.000007317	0.000024970
43	0.000000073	0.000000343	0.000001431	0.000005552	0.000019147
44	0.000000053	0.000000254	0.000001073	0.000004250	0.000014738
45	0.000000039	0.000000190	0.000000808	0.000003323	0.000011385
46	0.000000029	0.000000142	0.000000611	0.000002496	0.000008827
47	0.000000021	0.000000107	0.000000464	0.000001916	0.000006868
48	0.000000016	0.000000085	0.000000354	0.000001483	0.000005362
49	0.000000012	0.000000061	0.000000271	0.000001152	0.000004200
50	0.000000009	0.000000047	0.000000208	0.000000858	0.000003301

PIU ≤ U¹ (CONTINUED)

M = 24

U ¹	17	18	19	20	21
N					
24	0.011654891	0.028565011	0.059415111	0.094832210	0.152916010
25	0.009927361	0.021338167	0.049901111	0.074799406	0.13824110
26	0.007242465	0.015968376	0.034811006	0.058951565	0.100157253
27	0.005303374	0.011976129	0.024209114	0.046453031	0.080927932
28	0.003898584	0.009004447	0.018648884	0.036613494	0.063368170
29	0.002877409	0.006788701	0.014394290	0.028860255	0.052762593
30	0.002132401	0.005133127	0.011134480	0.022804072	0.042647207
31	0.001586814	0.003841584	0.008613075	0.018010189	0.034473563
32	0.001185711	0.002862025	0.006712022	0.01477805	0.027896214
33	0.000889654	0.002260849	0.005231760	0.011325938	0.022600166
34	0.000670768	0.001711286	0.004089102	0.009001215	0.018334241
35	0.000507025	0.001310110	0.003104951	0.007117917	0.014895760
36	0.000385097	0.001025274	0.002516018	0.005716899	0.012121662
37	0.000293643	0.000792800	0.002085537	0.004574224	0.009881045
38	0.000224781	0.000615184	0.001646968	0.003666089	0.008068861
39	0.000172728	0.000478852	0.001244163	0.002944854	0.006601341
40	0.000133228	0.000373930	0.000989054	0.002370871	0.005410857
41	0.000103140	0.000292925	0.000784474	0.001913125	0.004443589
42	0.000080136	0.000230186	0.000633320	0.001547294	0.003656333
43	0.000062483	0.000181443	0.000505278	0.001254285	0.003014452
44	0.000048887	0.000143485	0.000406145	0.001019086	0.002490147
45	0.000038360	0.000113760	0.000327438	0.000808687	0.002091087
46	0.000030230	0.000090477	0.000264521	0.000667731	0.001709312
47	0.000023889	0.000072166	0.000214318	0.000554045	0.00140354
48	0.000018977	0.000057774	0.000174085	0.000454212	0.001182544
49	0.000015059	0.000046301	0.000141762	0.000373185	0.000986454
50	0.000011011	0.000037239	0.000115727	0.000307776	0.000824459

PIU ≤ U¹ (CONTINUED)

M = 24

U ¹	22	23	24	25	26
24	0.233903329	0.129930161	0.443310054	0.556689946	0.670069839
25	0.194824681	0.281961745	0.388755993	0.500000000	0.615693768
26	0.161691081	0.240006863	0.339172949	0.446602876	0.562296644
27	0.133865122	0.203645964	0.294645432	0.397019833	0.510769168
28	0.110610247	0.172364897	0.25051913	0.351520059	0.461769454
29	0.091316059	0.145613215	0.220132480	0.310176591	0.415755549
30	0.075316784	0.122843440	0.189542782	0.272916959	0.372965971
31	0.062098432	0.103535736	0.162894959	0.239567288	0.335552724
32	0.051198824	0.087211950	0.139787261	0.209887677	0.297513196
33	0.042223417	0.073442225	0.119824455	0.183600021	0.264768923
34	0.034838995	0.061846668	0.102631042	0.160408906	0.232180259
35	0.028766235	0.052033883	0.087859194	0.140016719	0.205856127
36	0.023772871	0.043997686	0.075192255	0.122134108	0.184723246
37	0.019666297	0.037012881	0.064346891	0.106486824	0.163432678
38	0.016287638	0.031230686	0.055071641	0.092819818	0.144475220
39	0.013506147	0.026374196	0.047145680	0.080899341	0.127635180
40	0.011214466	0.022294083	0.040376401	0.070513559	0.112705676
41	0.009324572	0.018646713	0.034596774	0.061472440	0.099441574
42	0.007764375	0.015980460	0.029662617	0.053606391	0.087811784
43	0.006474864	0.013552980	0.025449935	0.046765313	0.077499113
44	0.005407749	0.011508191	0.021852418	0.040816835	0.068401442
45	0.004523514	0.009787914	0.018564722	0.036038088	0.060377059
46	0.003789811	0.008329083	0.016152448	0.031147232	0.053313433
47	0.003180150	0.007099697	0.013906182	0.027235549	0.047087797
48	0.002727822	0.006051981	0.011983980	0.023727266	0.041604795
49	0.002250321	0.005179158	0.010337892	0.020870225	0.036776197
50	0.001847133	0.004432545	0.008927140	0.018290878	0.032523760

PIU ≤ U¹ (CONTINUED)

M = 24

U ¹	27	28	29	30	31
24	0.766006571	0.847183990	0.905167790	0.946584789	0.971436989
25	0.718039255	0.808402618	0.876175890	0.926890583	0.959009889
26	0.669090891	0.766985618	0.843902903	0.903838450	0.944795481
27	0.620143528	0.723796768	0.808940501	0.877600094	0.925814817
28	0.572018810	0.676968713	0.771921486	0.848907131	0.901692700
29	0.525374852	0.635316486	0.731478664	0.817617672	0.882124244
30	0.480711062	0.591416182	0.694213794	0.786585321	0.856882542
31	0.438182433	0.548495765	0.651675251	0.750186523	0.820771059
32	0.396195564	0.506984851	0.615350118	0.714465280	0.801134512
33	0.361547229	0.467210889	0.576648250	0.679077308	0.771263460
34	0.326572540	0.429408804	0.538911259	0.643109253	0.740534742
35	0.295572506	0.395727872	0.502479421	0.607582242	0.709292375
36	0.266570579	0.360269111	0.467353147	0.572524968	0.677696789
37	0.240090560	0.329047398	0.433889386	0.538277512	0.644614524
38	0.215928083	0.300052729	0.402115066	0.505943144	0.614828805
39	0.194148774	0.273235295	0.375099570	0.472981483	0.583951587
40	0.174371019	0.248519226	0.343852634	0.442212499	0.553687013
41	0.156520525	0.225810017	0.311737132	0.412820942	0.524179054
42	0.140435445	0.205000613	0.292624884	0.386860896	0.495544111
43	0.125963953	0.185976699	0.264565881	0.358360251	0.467873307
44	0.112961191	0.168629071	0.248132758	0.333324922	0.441236996
45	0.101290768	0.152120753	0.228254568	0.309742743	0.416677349
46	0.090825467	0.138436894	0.209854035	0.287586977	0.391230900
47	0.081447454	0.125380837	0.192846953	0.266819417	0.367911017
48	0.073346335	0.113236553	0.171294651	0.247329593	0.345720178
49	0.066252930	0.102200058	0.162924593	0.228645966	0.324660089
50	0.058799850	0.091076673	0.149388596	0.212346026	0.304683584

PIU ≤ U¹ (CONTINUED)

M = 24

U ¹	32	33	34	35	36
24	0.986345109	0.993800169	0.997527699	0.999062564	0.999694568
25	0.979295707	0.990072639	0.995778942	0.998295132	0.999400677
26	0.970167122	0.985001170	0.993242307	0.997120490	0.998917301
27	0.958914624	0.978408260	0.989751943	0.995423785	0.998171390
28	0.945170413	0.970158308	0.988751205	0.993088321	0.997082016
29	0.929242089	0.960163174	0.979304798	0.990001588	0.995565244
30	0.911105458	0.948383713	0.972106249	0.986360666	0.993530188
31	0.890895098	0.934827984	0.963479866	0.98117661	0.990892299
32	0.868792718	0.919546980	0.953383498	0.975776459	0.987571243
33	0.845012381	0.902628726	0.941807841	0.968311354	0.983494961
34	0.819795561	0.884191496	0.928774626	0.960450771	0.978602831
35	0.793385792	0.864376771	0.914331386	0.951066191	0.972846584
36	0.766041119	0.843342407	0.898557613	0.940781006	0.966191464
37	0.738006794	0.821256325	0.881540468	0.929413169	0.958616560
38	0.709518937	0.798290937	0.863390403	0.917701726	0.950114605
39	0.680798224	0.776618404	0.844226924	0.905598897	0.940651326
40	0.652046879	0.750406744	0.824176644	0.889267731	0.930364457
41	0.623446857	0.723816778	0.803269749	0.874079811	0.919125066
42	0.595159004	0.700959827	0.781636928	0.858913022	0.907123177
43	0.567232001	0.676096104	0.755006784	0.841449502	0.894292905
44	0.540057907	0.651233681	0.73703727	0.824173774	0.880723389
45	0.513463135	0.626577953	0.715146324	0.806771117	0.866472157
46	0.487619748	0.602081506	0.69446051	0.788126158	0.851600216
47	0.462591931	0.577984294	0.669706429	0.769521693	0.836170995
48	0.438428573	0.554314066	0.647022460	0.750637724	0.820246218
49	0.415164885	0.531136967	0.624460350	0.731590762	0.803898949
50	0.392823991	0.508508268	0.602157445	0.712332946	0.787187479

M = 24

PIU ≤ U* (CONTINUED)

UT	37	38	39	40	41
N					
24	0.0000005	0.000075458	0.000003038	0.000008801	0.000009773
25	0.000000002	0.000043213	0.000004698	0.000006607	0.000009287
26	0.000001564	0.000001704	0.000005841	0.000001645	0.000000096
27	0.000016225	0.000077416	0.000003081	0.000001562	0.000005516
28	0.000008791	0.000050031	0.000007056	0.000002778	0.000000442
29	0.000019255	0.000035083	0.000007132	0.000003005	0.000001220
30	0.000026520	0.000025188	0.000002409	0.000007009	0.000006523
31	0.000020796	0.000035930	0.000005696	0.000004451	0.000000233
32	0.000000085	0.000008200	0.000009783	0.000007180	0.000001358
33	0.000015062	0.000000079	0.000007892	0.000004394	0.000004373
34	0.000001462	0.000026079	0.000012360	0.000025362	0.000076218
35	0.000076183	0.000018625	0.000007906	0.000027614	0.000049182
36	0.000011770	0.000016032	0.000005695	0.000000052	0.000049731
37	0.000006653	0.000017106	0.000001201	0.000005202	0.000007795
38	0.000029461	0.000029349	0.000003912	0.000026568	0.000041625
39	0.000010648	0.000035482	0.000022504	0.000021303	0.000018887
40	0.000032857	0.000007087	0.000005750	0.000001880	0.000019307
41	0.000054912	0.000008102	0.000034459	0.000017550	0.000032319
42	0.000076534	0.000077720	0.000079789	0.000073688	0.000024720
43	0.000096947	0.000026166	0.000021192	0.000004047	0.000055322
44	0.000098971	0.000021706	0.000012774	0.000014061	0.000074096
45	0.000056478	0.000016196	0.000013046	0.000051713	0.000079731
46	0.000015478	0.000046012	0.000017160	0.000048416	0.000071516
47	0.000006892	0.000076272	0.000004591	0.000072689	0.000044165
48	0.000006071	0.000033763	0.000013597	0.000069464	0.000006262
49	0.000025875	0.000074259	0.000004708	0.000030518	0.000054291
50	0.000000056	0.000008837	0.000005234	0.000002816	0.000017131

M = 24

PIU ≤ U* (CONTINUED)

UT	42	43	44	45	46
N					
24	0.000000000	0.000000000	1.000000000	1.000000000	1.000000000
25	0.000000000	0.000000000	0.000000000	1.000000000	1.000000000
26	0.000000000	0.000000000	0.000000000	0.000000000	1.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	1.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

M = 24

PIU ≤ U* (CONTINUED)

UT	47	48
N		
24	1.000000000	1.000000000
25	1.000000000	1.000000000
26	1.000000000	1.000000000
27	1.000000000	1.000000000
28	1.000000000	1.000000000
29	1.000000000	1.000000000
30	1.000000000	1.000000000
31	1.000000000	1.000000000
32	1.000000000	1.000000000
33	1.000000000	1.000000000
34	1.000000000	1.000000000
35	1.000000000	1.000000000
36	1.000000000	1.000000000
37	1.000000000	1.000000000
38	1.000000000	1.000000000
39	1.000000000	1.000000000
40	1.000000000	1.000000000
41	1.000000000	1.000000000
42	1.000000000	1.000000000
43	1.000000000	1.000000000
44	1.000000000	1.000000000
45	1.000000000	1.000000000
46	1.000000000	1.000000000
47	1.000000000	1.000000000
48	1.000000000	1.000000000
49	1.000000000	1.000000000
50	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 25

N	2	3	4	5	6
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 25

N	7	8	9	10	11
25	0.000000010	0.000000075	0.000000415	0.000002202	0.000009347
26	0.000000006	0.000000043	0.000000245	0.000001329	0.000005775
27	0.000000003	0.000000025	0.000000147	0.000000812	0.000003606
28	0.000000002	0.000000015	0.000000089	0.000000501	0.000002276
29	0.000000001	0.000000009	0.000000054	0.000000313	0.000001453
30	0.000000001	0.000000005	0.000000034	0.000000197	0.000000933
31	0.000000000	0.000000003	0.000000021	0.000000126	0.000000606
32	0.000000000	0.000000002	0.000000013	0.000000081	0.000000397
33	0.000000000	0.000000001	0.000000008	0.000000052	0.000000262
34	0.000000000	0.000000001	0.000000005	0.000000034	0.000000175
35	0.000000000	0.000000001	0.000000004	0.000000023	0.000000117
36	0.000000000	0.000000000	0.000000002	0.000000015	0.000000079
37	0.000000000	0.000000000	0.000000002	0.000000010	0.000000054
38	0.000000000	0.000000000	0.000000001	0.000000007	0.000000037
39	0.000000000	0.000000000	0.000000001	0.000000005	0.000000026
40	0.000000000	0.000000000	0.000000000	0.000000003	0.000000018
41	0.000000000	0.000000000	0.000000000	0.000000002	0.000000013
42	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
43	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
44	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
45	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U*) (CONTINUED)

M = 25

N	12	13	14	15	16
25	0.000027930	0.000128443	0.000415066	0.001152096	0.003047316
26	0.000023989	0.000083187	0.000275452	0.000765581	0.002125512
27	0.000015316	0.000054447	0.000184126	0.000536385	0.001489860
28	0.000009868	0.000035807	0.000123959	0.000369524	0.001049552
29	0.000006414	0.000023786	0.000084038	0.000256186	0.000743119
30	0.000004205	0.000015927	0.000057355	0.000181710	0.000528879
31	0.000002779	0.000010748	0.000037421	0.000125442	0.000378238
32	0.000001852	0.000007307	0.000027268	0.000088576	0.000271890
33	0.000001243	0.000005004	0.000018981	0.000062912	0.000196415
34	0.000000841	0.000003450	0.000013296	0.000044940	0.000142588
35	0.000000573	0.000002396	0.000009369	0.000032222	0.000104011
36	0.000000393	0.000001674	0.000006641	0.000023316	0.000076231
37	0.000000272	0.000001177	0.000004735	0.000016930	0.000056130
38	0.000000189	0.000000833	0.000003194	0.000012357	0.000041518
39	0.000000132	0.000000593	0.000002446	0.000009064	0.000030847
40	0.000000095	0.000000425	0.000001772	0.000006682	0.000023019
41	0.000000066	0.000000306	0.000001291	0.000004945	0.000017251
42	0.000000047	0.000000221	0.000000945	0.000003683	0.000012982
43	0.000000034	0.000000161	0.000000695	0.000002753	0.000009809
44	0.000000024	0.000000118	0.000000513	0.000002067	0.000007441
45	0.000000018	0.000000087	0.000000381	0.000001558	0.000005667
46	0.000000013	0.000000064	0.000000284	0.000001180	0.000004332
47	0.000000009	0.000000047	0.000000213	0.000000897	0.000003324
48	0.000000007	0.000000035	0.000000160	0.000000685	0.000002560
49	0.000000005	0.000000026	0.000000121	0.000000525	0.000001978
50	0.000000004	0.000000020	0.000000092	0.000000403	0.000001534

P(U ≤ U*) (CONTINUED)

M = 25

U*	17	18	19	20	21
25	0.007074659	0.015632764	0.030847172	0.057895009	0.098466763
26	0.005060988	0.011477098	0.023239968	0.044785426	0.078180886
27	0.003435185	0.008447268	0.017536759	0.034646387	0.062021792
28	0.002622115	0.006234762	0.013259351	0.026817925	0.049169571
29	0.001899586	0.004615761	0.010048110	0.020778677	0.039020641
30	0.001382319	0.003428169	0.007633733	0.016120636	0.030972716
31	0.001010229	0.002546525	0.005819139	0.012526692	0.024607539
32	0.000741633	0.001910260	0.004442287	0.009751608	0.019573853
33	0.000546361	0.001433407	0.003403507	0.007606388	0.015591862
34	0.000405014	0.001079390	0.002615465	0.005945716	0.012439701
35	0.000301264	0.000815691	0.002016022	0.004658019	0.009942014
36	0.000225053	0.000618604	0.001558753	0.003657692	0.007960516
37	0.000168831	0.000470795	0.001208930	0.002879053	0.006386312
38	0.000127181	0.000359563	0.000940517	0.002271693	0.005133725
39	0.000096197	0.000275566	0.000733956	0.001796888	0.004135338
40	0.000073052	0.000211919	0.000574516	0.001424862	0.003338139
41	0.000056594	0.000163526	0.000451079	0.001132685	0.002700380
42	0.000042623	0.000126606	0.000355228	0.000902675	0.002189175
43	0.000032743	0.000098346	0.000280576	0.000721168	0.001778590
44	0.000025745	0.000076841	0.000222262	0.000577591	0.001448141
45	0.000020355	0.000059917	0.000176577	0.000463741	0.001181649
46	0.000015169	0.000046989	0.000140682	0.000373244	0.000966277
47	0.000011919	0.000036964	0.000112397	0.000301135	0.000791855
48	0.000009241	0.000029167	0.000090067	0.000245641	0.000645031
49	0.000007248	0.000023080	0.000072336	0.000197429	0.000535181
50	0.000005703	0.000018318	0.000058263	0.000160472	0.000441361

P(U ≤ U*) (CONTINUED)

M = 25

U*	22	23	24	25	26
25	0.159324396	0.236779544	0.335258869	0.442153116	0.557846684
26	0.129889985	0.198051980	0.287795045	0.388755993	0.502181255
27	0.102661345	0.165146189	0.245914948	0.340145166	0.449519526
28	0.081757720	0.131861929	0.206395422	0.296358422	0.400040243
29	0.069602757	0.114085834	0.177777513	0.267392112	0.355141147
30	0.056433425	0.094624488	0.150504963	0.227892453	0.313846100
31	0.045749020	0.078746020	0.123443455	0.192574570	0.276449036
32	0.037094012	0.064568549	0.107539651	0.165374917	0.242979608
33	0.030091801	0.053818974	0.090377910	0.143315570	0.212988761
34	0.024427857	0.0444801740	0.076446075	0.123023279	0.186388781
35	0.019844505	0.036962443	0.064646152	0.105741715	0.162866723
36	0.016146377	0.030657676	0.054335786	0.090839539	0.142142111
37	0.013150311	0.025448492	0.045796390	0.078013896	0.123937973
38	0.010724656	0.021144125	0.038613029	0.066992118	0.107988668
39	0.008759093	0.017586760	0.032565696	0.057531427	0.094043796
40	0.007164695	0.014643971	0.027483387	0.049417561	0.081873005
41	0.005867850	0.012208790	0.023210257	0.042462823	0.071265273
42	0.004816021	0.010191955	0.019616992	0.036503645	0.062030107
43	0.003959522	0.008519653	0.016594509	0.031398413	0.053996795
44	0.003260321	0.007131787	0.014051003	0.027024532	0.047013377
45	0.002689257	0.005978585	0.011900341	0.023276621	0.040494533
46	0.002222111	0.005019197	0.010104809	0.020064131	0.035674132
47	0.001839353	0.004220030	0.008583162	0.017309475	0.031095708
48	0.001525510	0.003534440	0.007298960	0.014946062	0.027118999
49	0.001266462	0.002969722	0.006219154	0.012736645	0.023736645
50	0.001054317	0.002530486	0.005256890	0.011174437	0.020663025

P(U ≤ U*) (CONTINUED)

M = 25

U*	27	28	29	30	31
25	0.664541111	0.763220436	0.840675604	0.901533737	0.944104491
26	0.511244007	0.715944750	0.801042000	0.874609426	0.921919114
27	0.554893886	0.667621061	0.760815782	0.840142241	0.898314978
28	0.58413412	0.69192043	0.781018335	0.855141888	0.911872825
29	0.609469339	0.714611697	0.804581355	0.878369145	0.92859374
30	0.631284400	0.725084602	0.810657725	0.885900845	0.93667779
31	0.643315793	0.740588826	0.827881860	0.901500009	0.950000000
32	0.646865411	0.743878470	0.835686740	0.904437520	0.954437520
33	0.299109612	0.368479825	0.504947910	0.610000004	0.706860025
34	0.266814293	0.361300207	0.465000012	0.571065310	0.674485560
35	0.237586552	0.324885450	0.427900146	0.531961027	0.636113788
36	0.211203265	0.294967347	0.39732872	0.497180945	0.604076714
37	0.187551555	0.265786103	0.36817897	0.461838665	0.56091045
38	0.166709428	0.249104314	0.340077746	0.428095158	0.535620361
39	0.147408015	0.214815496	0.301482730	0.386159024	0.507246357
40	0.12956170	0.1977844	0.27500378	0.365754450	0.471170450
41	0.115576747	0.17840778	0.255556764	0.337328819	0.444145885
42	0.102783246	0.154846545	0.228050676	0.310590909	0.412521700
43	0.090531675	0.138460642	0.207409941	0.281157736	0.384465692
44	0.080071852	0.124070667	0.188462444	0.262478386	0.36882571
45	0.070466211	0.110652889	0.171212876	0.241059868	0.354186190
46	0.062591447	0.099268727	0.155443077	0.221110785	0.34006880
47	0.055468826	0.088769688	0.141071320	0.203715549	0.3269010256
48	0.049151325	0.079476197	0.127995619	0.188722102	0.31463183
49	0.043505946	0.071777979	0.118111098	0.177074609	0.299221099
50	0.03845364	0.065474693	0.105688102	0.165684139	0.283173325

PIU ≤ U¹ (CONTINUED)

M = 25

N	32	33	34	35	36
25	0.969152828	0.984367236	0.992925341	0.996952684	0.998647904
26	0.956291847	0.97760032	0.988879352	0.994939012	0.997958358
27	0.940622422	0.967064576	0.983425658	0.992087407	0.996616427
28	0.92162807	0.95155607	0.97681693	0.988237741	0.996498003
29	0.901029552	0.941021550	0.967607139	0.983245721	0.992076920
30	0.877421525	0.924661187	0.957010086	0.976990288	0.988631414
31	0.851701099	0.904176102	0.944549158	0.969378182	0.984250091
32	0.823874748	0.885710472	0.930232193	0.960349828	0.978836356
33	0.794574900	0.863445612	0.914112260	0.949874129	0.972312949
34	0.764043738	0.839608363	0.896281856	0.937953508	0.964643375
35	0.732619851	0.814420156	0.876865925	0.924618572	0.955753418
36	0.700627694	0.788127201	0.856014749	0.909975450	0.945631011
37	0.668369811	0.760972182	0.833896549	0.893951904	0.934325261
38	0.636121552	0.733191471	0.810670835	0.876793234	0.921847668
39	0.604127970	0.705009883	0.786582368	0.858558040	0.908254551
40	0.572602372	0.676636845	0.761755960	0.839364564	0.893558049
41	0.541726393	0.648263807	0.734292183	0.819336537	0.877885428
42	0.511650996	0.620062727	0.710663959	0.798600449	0.861300263
43	0.482498262	0.592185425	0.684733468	0.777282512	0.843891844
44	0.454363644	0.564763634	0.658727815	0.75506384	0.825754353
45	0.42718512	0.537409585	0.632671837	0.733361282	0.806983078
46	0.401412821	0.511716961	0.607172466	0.711050517	0.787679158
47	0.376677769	0.486262159	0.581806050	0.688590398	0.767934805
48	0.353128387	0.461654022	0.556840942	0.666109482	0.747845591
49	0.330765253	0.437793584	0.532398364	0.643698106	0.727500264
50	0.309580278	0.414855091	0.508508268	0.621438157	0.706986194

PIU ≤ U¹ (CONTINUED)

M = 25

N	37	38	39	40	41
25	0.999584934	0.999871557	0.999967070	0.999990653	0.999997798
26	0.999216414	0.999738282	0.999916813	0.999977529	0.999994225
27	0.998629334	0.999509967	0.999834414	0.999951508	0.999996336
28	0.997744417	0.999144417	0.999695345	0.999904466	0.999971999
29	0.996492520	0.998591292	0.999474386	0.999823813	0.999945902
30	0.994775162	0.997793412	0.999143601	0.999695391	0.999902298
31	0.992511760	0.996885853	0.998607064	0.999500108	0.999833326
32	0.989620164	0.99511768	0.998007670	0.999215728	0.999729195
33	0.985025561	0.993257401	0.997124685	0.998816748	0.999518176
34	0.979166245	0.990881671	0.995976500	0.998274919	0.999366688
35	0.974676650	0.987904633	0.994520814	0.997598855	0.999079765
36	0.970426540	0.984312037	0.992716416	0.996639742	0.998694489
37	0.966483795	0.980056804	0.990523969	0.995482100	0.998209072
38	0.962834134	0.975100110	0.987507178	0.994054561	0.997589306
39	0.959687339	0.969619101	0.984831487	0.992325609	0.996870883
40	0.957213911	0.962972543	0.981274728	0.990265276	0.995884368
41	0.955676285	0.957700600	0.977207576	0.987845742	0.994760549
42	0.954291770	0.9547802785	0.972613823	0.985041856	0.993430778
43	0.953100139	0.953077402	0.967480504	0.981831546	0.991877274
44	0.952148325	0.952060604	0.961799884	0.978196122	0.990083394
45	0.951368897	0.951461812	0.955693314	0.974120485	0.988033864
46	0.950719226	0.950854874	0.954791001	0.969593236	0.985714968
47	0.950172912	0.9506991912	0.954171696	0.964606697	0.983114689
48	0.949718511	0.9504827916	0.953622322	0.959156838	0.980622814
49	0.949358098	0.950208452	0.952543226	0.957343226	0.977931003
50	0.949066324	0.950007556	0.951895448	0.956868699	0.975327795

PIU ≤ U¹ (CONTINUED)

M = 25

N	42	43	44	45	46
25	0.999999585	0.999999509	0.999999999	0.999999999	1.000000000
26	0.999998772	0.999999754	0.999999946	0.999999994	0.999999999
27	0.999996886	0.999999121	0.999999879	0.999999980	0.999999997
28	0.999992877	0.999998345	0.999999671	0.999999942	0.999999991
29	0.999985145	0.999996357	0.999999205	0.999999852	0.999999975
30	0.999971271	0.999992520	0.999998250	0.999999658	0.999999937
31	0.999947870	0.999986051	0.999996440	0.999999274	0.999999841
32	0.999910419	0.999975142	0.999993271	0.999998565	0.999999656
33	0.999873136	0.999957882	0.999991710	0.999997333	0.999999371
34	0.999826891	0.999931696	0.99997124	0.999995792	0.999998870
35	0.999774982	0.999903389	0.9999465746	0.999993052	0.999997883
36	0.999718453	0.9998719121	0.999924878	0.999991125	0.999996389
37	0.999652675	0.999836451	0.999897504	0.999988646	0.999994067
38	0.999577467	0.999796407	0.999877324	0.999986471	0.999992571
39	0.999492062	0.999753218	0.999852285	0.999984876	0.999990491
40	0.999397004	0.999706283	0.999817031	0.999982507	0.999987828
41	0.999292068	0.999654892	0.999773377	0.999979861	0.999985311
42	0.999177448	0.999600281	0.999724121	0.999976122	0.999982523
43	0.999053199	0.999542742	0.999670246	0.999972166	0.999979301
44	0.998919265	0.999481497	0.999610556	0.999967361	0.999975337
45	0.998775106	0.999416533	0.999547918	0.999962366	0.999971367
46	0.998620996	0.999348115	0.999481658	0.999957151	0.999967408
47	0.998457750	0.999276036	0.999411097	0.999951906	0.999963430
48	0.998285465	0.999200511	0.999338719	0.999946719	0.999959402
49	0.998104264	0.999121616	0.999264181	0.999941561	0.999955475
50	0.997914064	0.999039040	0.999189485	0.999936425	0.999951502

P(U ≤ U*) (CONTINUED)

M = 25

N	47	48	49	50
25	1.000000000	1.000000000	1.000000000	1.000000000
26	1.000000000	1.000000000	1.000000000	1.000000000
27	1.000000000	1.000000000	1.000000000	1.000000000
28	0.999999999	1.000000000	1.000000000	1.000000000
29	0.999999997	1.000000000	1.000000000	1.000000000
30	0.999999991	0.999999999	1.000000000	1.000000000
31	0.999999979	0.999999997	1.000000000	1.000000000
32	0.999999954	0.999999992	0.999999999	1.000000000
33	0.999999905	0.999999983	0.999999999	1.000000000
34	0.999999817	0.999999963	0.999999997	1.000000000
35	0.999999665	0.999999928	0.999999994	0.999999999
36	0.999999410	0.999999865	0.999999988	0.999999998
37	0.999999007	0.999999759	0.999999979	0.999999996
38	0.999998389	0.999999588	0.999999963	0.999999992
39	0.999997669	0.999999321	0.999999538	0.999999986
40	0.999996138	0.999998916	0.999999000	0.999999977
41	0.999994259	0.999998319	0.999998462	0.999999962
42	0.999992165	0.999997463	0.999997577	0.999999948
43	0.999989815	0.999996760	0.999996936	0.999999934
44	0.999987397	0.999996007	0.999996168	0.999999920
45	0.999984743	0.999995278	0.999995336	0.999999906
46	0.999981951	0.999994522	0.999994624	0.999999892
47	0.999979076	0.999993766	0.999993851	0.999999878
48	0.999976134	0.999993019	0.999993077	0.999999864
49	0.999973187	0.999992272	0.999992330	0.999999850
50	0.999970240	0.999991525	0.999991583	0.999999836

P(U ≤ U*) (CONTINUED)

M = 26

N	2	3	4	5	6
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 26

N	7	8	9	10	11
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

PIU S U' (CONTINUED)

M = 26

U'	12	13	14	15	16
N					
26	0.000014882	0.000052829	0.000179319	0.000522650	0.001454546
27	0.000009323	0.000033855	0.000117625	0.000350984	0.001000628
28	0.000005896	0.000021888	0.000077735	0.000237297	0.000692317
29	0.000003763	0.000014273	0.000051750	0.000161505	0.000481208
30	0.000002423	0.000009384	0.000034699	0.000110643	0.000336408
31	0.000001574	0.000006220	0.000023430	0.000076287	0.000236441
32	0.000001030	0.000004155	0.000015929	0.000052932	0.000167064
33	0.000000680	0.000002796	0.000010901	0.000036953	0.000118664
34	0.000000452	0.000001896	0.000007509	0.000025953	0.000084723
35	0.000000303	0.000001294	0.000005205	0.000018335	0.000060797
36	0.000000205	0.000000890	0.000003631	0.000013027	0.000043847
37	0.000000139	0.000000616	0.000002547	0.000009308	0.000031777
38	0.000000095	0.000000429	0.000001798	0.000006686	0.000023141
39	0.000000066	0.000000301	0.000001276	0.000004829	0.000016930
40	0.000000045	0.000000212	0.000000910	0.000003505	0.000012444
41	0.000000032	0.000000150	0.000000653	0.000002557	0.000009187
42	0.000000022	0.000000107	0.000000471	0.000001875	0.000006813
43	0.000000016	0.000000077	0.000000341	0.000001381	0.000005074
44	0.000000011	0.000000055	0.000000249	0.000001022	0.000003794
45	0.000000008	0.000000040	0.000000182	0.000000759	0.000002849
46	0.000000006	0.000000029	0.000000134	0.000000567	0.000002148
47	0.000000004	0.000000021	0.000000099	0.000000425	0.000001626
48	0.000000003	0.000000016	0.000000073	0.000000320	0.000001235
49	0.000000002	0.000000013	0.000000054	0.000000242	0.000000942
50	0.000000002	0.000000009	0.000000041	0.000000184	0.000000721

PIU S U' (CONTINUED)

M = 26

U'	17	18	19	20	21
N					
26	0.003551315	0.005269043	0.017180308	0.034012697	0.067944520
27	0.002520201	0.005974467	0.012724676	0.025839367	0.047478608
28	0.001775201	0.004330055	0.004460003	0.019646318	0.036586855
29	0.001360266	0.003148916	0.003039138	0.014956125	0.028826802
30	0.001060087	0.002297738	0.002266791	0.011435154	0.022485813
31	0.000846844	0.001628277	0.001627478	0.008710952	0.017560378
32	0.000666611	0.001237955	0.001490041	0.006667854	0.014733549
33	0.000518263	0.000912793	0.001214477	0.005115380	0.012058549
34	0.000463358	0.000760877	0.001167834	0.003933690	0.009443402
35	0.000319022	0.000502670	0.001127280	0.003022487	0.006630518
36	0.000252457	0.000375155	0.000968427	0.002343779	0.005231296
37	0.000177721	0.000281041	0.000739146	0.001816172	0.004131646
38	0.000127502	0.000211334	0.000566124	0.001411109	0.003270374
39	0.000093392	0.000158504	0.000450006	0.001099339	0.002504087
40	0.000069377	0.000108186	0.000325356	0.000858770	0.002006821
41	0.000043041	0.000069185	0.000250277	0.000672664	0.001643893
42	0.000027286	0.000047085	0.000201258	0.000528316	0.001313260
43	0.000017107	0.000033665	0.000156859	0.000418066	0.001051613
44	0.000011152	0.000024225	0.000122376	0.000328844	0.000844387
45	0.000007033	0.000016178	0.000095812	0.000260122	0.000657913
46	0.000004762	0.000010459	0.000075374	0.000206454	0.000547685
47	0.000003093	0.000006913	0.000051474	0.000164347	0.000445184
48	0.000002455	0.000004847	0.000046716	0.0001143	0.000358667
49	0.000001953	0.000003734	0.000037153	0.000094912	0.000291249
50	0.000001575	0.000003082	0.000029530	0.000074139	0.000237042

PIU S U' (CONTINUED)

M = 26

U'	22	23	24	25	26
N					
26	0.104035478	0.162794776	0.242943512	0.336405871	0.445449624
27	0.083150569	0.123419606	0.204172906	0.296604692	0.398480551
28	0.066837664	0.105009914	0.171001814	0.244361148	0.324605816
29	0.055661603	0.085064103	0.142858206	0.212277173	0.281139431
30	0.047187552	0.072735694	0.116043516	0.180513446	0.241224603
31	0.041263460	0.064032690	0.099051742	0.154443087	0.207464455
32	0.036833822	0.056461897	0.082321040	0.131550265	0.180881495
33	0.033478321	0.051510538	0.076364507	0.111720411	0.173019465
34	0.031102044	0.048207494	0.072748772	0.094777589	0.146562217
35	0.029167675	0.046144271	0.067064397	0.079376317	0.126200103
36	0.027663127	0.044355561	0.064088555	0.067161429	0.109534471
37	0.026784127	0.043446675	0.062450391	0.064318169	0.094265844
38	0.026055624	0.042675525	0.061654100	0.062503726	0.080098134
39	0.025467690	0.041917014	0.060940379	0.061676557	0.068765698
40	0.024947506	0.041259977	0.060261902	0.061043812	0.059055583
41	0.024494766	0.040678876	0.059611403	0.060414934	0.050667753
42	0.024099804	0.040164852	0.058972122	0.059787174	0.043465187
43	0.023742120	0.039697384	0.058347800	0.059168840	0.037344033
44	0.023416510	0.039264135	0.057724900	0.058559911	0.032276658
45	0.023116925	0.038866644	0.057122406	0.057951219	0.027786454
46	0.022837346	0.038492175	0.056530641	0.057342651	0.023609794
47	0.022574447	0.038130543	0.055948378	0.056734254	0.020038885
48	0.022324101	0.037780194	0.055374974	0.056127784	0.017557741
49	0.022084264	0.037440644	0.054810447	0.055523956	0.015112133
50	0.021854455	0.037112431	0.054254377	0.054922668	0.012733581

PIU 5 U1 (CONTINUED)

	27	28	29	30	31
27	0.544531376	0.663594129	0.757076488	0.837204224	0.895944564
28	0.500000000	0.611120540	0.710335308	0.798778187	0.866584394
29	0.446408321	0.554578481	0.662712720	0.757958357	0.834155319
30	0.400256087	0.509435636	0.615089331	0.715105544	0.799231740
31	0.355224707	0.462020587	0.568216467	0.672245084	0.762403219
32	0.315220400	0.417142142	0.522703447	0.628785760	0.724259392
33	0.278614326	0.378260507	0.479023200	0.585750542	0.685362727
34	0.245284080	0.336513795	0.427518123	0.523662485	0.6246229369
35	0.215634423	0.300934206	0.386419673	0.507868385	0.607317103
36	0.190332109	0.268472345	0.361862023	0.463742927	0.569019240
37	0.165820221	0.236016680	0.327903522	0.428496364	0.531863129
38	0.145132700	0.212421724	0.296531754	0.391284278	0.495512054
39	0.126406860	0.188532934	0.267694070	0.358198138	0.460765462
40	0.110555661	0.167024545	0.246949499	0.327275901	0.427584622
41	0.096852440	0.147918698	0.217222905	0.298512050	0.396059022
42	0.084556711	0.130854269	0.195337366	0.271866756	0.366253004
43	0.073811526	0.115481775	0.176496419	0.242735978	0.336192278
44	0.064426818	0.102214756	0.157552021	0.226648441	0.311873787
45	0.056338998	0.090085433	0.141356334	0.203891119	0.287271766
46	0.049100125	0.079728444	0.126764791	0.184846090	0.264142198
47	0.042678743	0.070496378	0.113638368	0.167550460	0.243073389
48	0.037454608	0.062154796	0.101845098	0.151741478	0.223259622
49	0.032775378	0.054484396	0.092261018	0.137356936	0.204964283
50	0.028627499	0.047406464	0.084773682	0.124287377	0.188002446
51	0.025042371	0.041806466	0.075267440	0.112471464	0.172477987

PIU 5 U1 (CONTINUED)

	32	33	34	35	36
32	0.920556450	0.845347333	0.782819642	0.99170957	0.596448685
33	0.919470283	0.852521397	0.974816367	0.987175324	0.364218397
34	0.894659516	0.876406934	0.866652988	0.841373711	0.991064314
35	0.867783115	0.917330917	0.962330285	0.973615411	0.886508661
36	0.832008331	0.955406810	0.976384200	0.966815991	0.981511313
37	0.787484644	0.973667712	0.920657450	0.953576112	0.174777127
38	0.73065087	0.946336602	0.81734874	0.947037842	0.505169494
39	0.670418808	0.818411547	0.883933471	0.82632821	0.604591400
40	0.604318333	0.769219467	0.817450314	0.909616771	0.445732127
41	0.53654557	0.754512808	0.74447777	0.901563047	0.412630334
42	0.476546120	0.737717810	0.72623191	0.871582500	0.318775453
43	0.423472057	0.696150422	0.770749544	0.851055223	0.203134039
44	0.374563614	0.654603147	0.751794027	0.829544460	0.286103113
45	0.328465515	0.612601308	0.73131132	0.807766844	0.261612534
46	0.285412423	0.600975410	0.694114222	0.781783447	0.244564651
47	0.246550312	0.569927377	0.664646532	0.757126571	0.23129804
48	0.212948614	0.539927377	0.634575097	0.734581696	0.209466953
49	0.182731311	0.509250784	0.604705340	0.706510304	0.186444059
50	0.156322711	0.481217695	0.573490660	0.680867417	0.167401736
51	0.134963147	0.453511124	0.540948663	0.655146602	0.152412070
52	0.117474140	0.426867642	0.506317744	0.629615004	0.131056879
53	0.101319736	0.401334456	0.474760177	0.604784945	0.1092569377
54	0.279332346	0.376440471	0.465000573	0.574763348	0.669008483
55	0.268744479	0.353700045	0.446450345	0.556484312	0.64744435
56	0.259480310	0.332161470	0.426609479	0.530544358	0.627000973

PIU 5 U1 (CONTINUED)

	37	38	39	40	41
37	0.929454516	0.845347333	0.782819642	0.99170957	0.596448685
38	0.919470283	0.852521397	0.974816367	0.987175324	0.364218397
39	0.894659516	0.876406934	0.866652988	0.841373711	0.991064314
40	0.867783115	0.917330917	0.962330285	0.973615411	0.886508661
41	0.832008331	0.955406810	0.976384200	0.966815991	0.981511313
42	0.787484644	0.973667712	0.920657450	0.953576112	0.174777127
43	0.73065087	0.946336602	0.81734874	0.947037842	0.505169494
44	0.670418808	0.818411547	0.883933471	0.82632821	0.604591400
45	0.604318333	0.769219467	0.817450314	0.909616771	0.445732127
46	0.53654557	0.754512808	0.74447777	0.901563047	0.412630334
47	0.476546120	0.737717810	0.72623191	0.871582500	0.318775453
48	0.423472057	0.696150422	0.770749544	0.851055223	0.203134039
49	0.374563614	0.654603147	0.751794027	0.829544460	0.286103113
50	0.328465515	0.612601308	0.73131132	0.807766844	0.261612534
51	0.285412423	0.600975410	0.694114222	0.781783447	0.244564651
52	0.246550312	0.569927377	0.664646532	0.757126571	0.23129804
53	0.212948614	0.539927377	0.634575097	0.734581696	0.209466953
54	0.182731311	0.509250784	0.604705340	0.706510304	0.186444059
55	0.156322711	0.481217695	0.573490660	0.680867417	0.167401736
56	0.134963147	0.453511124	0.540948663	0.655146602	0.152412070
57	0.117474140	0.426867642	0.506317744	0.629615004	0.131056879
58	0.101319736	0.401334456	0.474760177	0.604784945	0.1092569377
59	0.279332346	0.376440471	0.465000573	0.574763348	0.669008483
60	0.268744479	0.353700045	0.446450345	0.556484312	0.64744435
61	0.259480310	0.332161470	0.426609479	0.530544358	0.627000973

P(U ≤ U*) (CONTINUED)

M = 2A

N	42	43	44	45	46
26	0.999996502	0.999999213	0.999999858	0.999999975	0.999999997
27	0.999999126	0.999999785	0.999999957	0.999999971	0.999999997
28	0.999998056	0.999999486	0.999999855	0.999999970	0.999999999
29	0.999996012	0.999998882	0.999999795	0.999999999	0.999999985
30	0.999992448	0.999997780	0.999999178	0.999999864	0.999999714
31	0.999986549	0.999995877	0.999998398	0.999999744	0.999999352
32	0.999977299	0.999992767	0.999997837	0.999994456	0.999998641
33	0.999963410	0.999987432	0.999991750	0.999985851	0.999995744
34	0.999953705	0.999980718	0.999985668	0.999982357	0.999990526
35	0.999941540	0.999970345	0.999986206	0.999970680	0.999991389
36	0.999927754	0.999955888	0.999983690	0.999953157	0.999985531
37	0.999912598	0.999946318	0.999975743	0.999942720	0.999976612
38	0.999897325	0.999931047	0.999964571	0.999931866	0.999967472
39	0.999882081	0.999916727	0.999954004	0.999922636	0.999958675
40	0.999866847	0.999902405	0.999944077	0.999913611	0.999949883
41	0.999851612	0.999888082	0.999934766	0.999904891	0.999941094
42	0.999836378	0.999873761	0.999925455	0.999896176	0.999932305
43	0.999821143	0.999859439	0.999916144	0.999887461	0.999923516
44	0.999805908	0.999845118	0.999906833	0.999878746	0.999914727
45	0.999790673	0.999830797	0.999897521	0.999869931	0.999905938
46	0.999775438	0.999816476	0.999888209	0.999861116	0.999897149
47	0.999760203	0.999802155	0.999878897	0.999852301	0.999888360
48	0.999744968	0.999787834	0.999869585	0.999843486	0.999879571
49	0.999729733	0.999773513	0.999860273	0.999834671	0.999870782
50	0.999714498	0.999759192	0.999850961	0.999825856	0.999861993

P(U ≤ U*) (CONTINUED)

M = 2b

N	47	48	49	50	51
26	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
27	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
28	0.999999998	0.999999998	0.999999998	0.999999998	0.999999998
29	0.999999997	0.999999997	0.999999997	0.999999997	0.999999997
30	0.999999996	0.999999996	0.999999996	0.999999996	0.999999996
31	0.999999995	0.999999995	0.999999995	0.999999995	0.999999995
32	0.999999994	0.999999994	0.999999994	0.999999994	0.999999994
33	0.999999993	0.999999993	0.999999993	0.999999993	0.999999993
34	0.999999992	0.999999992	0.999999992	0.999999992	0.999999992
35	0.999999991	0.999999991	0.999999991	0.999999991	0.999999991
36	0.999999990	0.999999990	0.999999990	0.999999990	0.999999990
37	0.999999989	0.999999989	0.999999989	0.999999989	0.999999989
38	0.999999988	0.999999988	0.999999988	0.999999988	0.999999988
39	0.999999987	0.999999987	0.999999987	0.999999987	0.999999987
40	0.999999986	0.999999986	0.999999986	0.999999986	0.999999986
41	0.999999985	0.999999985	0.999999985	0.999999985	0.999999985
42	0.999999984	0.999999984	0.999999984	0.999999984	0.999999984
43	0.999999983	0.999999983	0.999999983	0.999999983	0.999999983
44	0.999999982	0.999999982	0.999999982	0.999999982	0.999999982
45	0.999999981	0.999999981	0.999999981	0.999999981	0.999999981
46	0.999999980	0.999999980	0.999999980	0.999999980	0.999999980
47	0.999999979	0.999999979	0.999999979	0.999999979	0.999999979
48	0.999999978	0.999999978	0.999999978	0.999999978	0.999999978
49	0.999999977	0.999999977	0.999999977	0.999999977	0.999999977
50	0.999999976	0.999999976	0.999999976	0.999999976	0.999999976

P(U ≤ U*) (CONTINUED)

M = 2c

N	52
26	1.000000000
27	1.000000000
28	1.000000000
29	1.000000000
30	1.000000000
31	1.000000000
32	1.000000000
33	1.000000000
34	1.000000000
35	1.000000000
36	1.000000000
37	1.000000000
38	1.000000000
39	1.000000000
40	1.000000000
41	1.000000000
42	1.000000000
43	1.000000000
44	1.000000000
45	1.000000000
46	1.000000000
47	1.000000000
48	1.000000000
49	1.000000000
50	1.000000000

P(U ≤ U*) (CONTINUED)

M = 27

N	U*	2	3	4	5	6
27		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 27

N	U*	7	8	9	10	11
27		0.000000001	0.000000008	0.000000048	0.000000277	0.000001288
28		0.000000001	0.000000005	0.000000028	0.000000165	0.000000783
29		0.000000000	0.000000003	0.000000016	0.000000099	0.000000481
30		0.000000000	0.000000002	0.000000010	0.000000060	0.000000298
31		0.000000000	0.000000001	0.000000006	0.000000037	0.000000187
32		0.000000000	0.000000001	0.000000004	0.000000023	0.000000118
33		0.000000000	0.000000000	0.000000002	0.000000014	0.000000076
34		0.000000000	0.000000000	0.000000001	0.000000009	0.000000049
35		0.000000000	0.000000000	0.000000001	0.000000006	0.000000032
36		0.000000000	0.000000000	0.000000001	0.000000004	0.000000021
37		0.000000000	0.000000000	0.000000000	0.000000002	0.000000014
38		0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
39		0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
40		0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
41		0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
42		0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
43		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
45		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
47		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
48		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
49		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U*) (CONTINUED)

M = 27

N	U*	12	13	14	15	16
27		0.000005733	0.000021290	0.000075740	0.000231313	0.000675896
28		0.000003560	0.000015111	0.000049152	0.000153527	0.000450315
29		0.000002322	0.000008651	0.000032141	0.000102612	0.000311544
30		0.000001416	0.000005587	0.000021176	0.000069055	0.000215395
31		0.000000901	0.000003639	0.000014053	0.000046785	0.000148807
32		0.000000580	0.000002489	0.000009493	0.000031907	0.000103280
33		0.000000377	0.000001581	0.000006222	0.000021901	0.000072315
34		0.000000246	0.000001054	0.000004284	0.000015128	0.000050724
35		0.000000162	0.000000708	0.000002922	0.000010513	0.000035818
36		0.000000108	0.000000479	0.000002002	0.000007450	0.000025425
37		0.000000077	0.000000326	0.000001385	0.000005169	0.000018140
38		0.000000049	0.000000214	0.000000963	0.000003585	0.000013008
39		0.000000033	0.000000154	0.000000673	0.000002600	0.000009374
40		0.000000023	0.000000107	0.000000477	0.000001859	0.000006788
41		0.000000016	0.000000075	0.000000334	0.000001336	0.000004999
42		0.000000011	0.000000053	0.000000218	0.000000965	0.000003607
43		0.000000007	0.000000037	0.000000170	0.000000700	0.000002651
44		0.000000005	0.000000026	0.000000122	0.000000511	0.000001954
45		0.000000004	0.000000019	0.000000088	0.000000374	0.000001447
46		0.000000003	0.000000014	0.000000064	0.000000276	0.000001076
47		0.000000002	0.000000010	0.000000046	0.000000204	0.000000803
48		0.000000001	0.000000007	0.000000034	0.000000151	0.000000602
49		0.000000001	0.000000005	0.000000025	0.000000113	0.000000451
50		0.000000001	0.000000004	0.000000018	0.000000085	0.000000342

PIU ≤ U*1 (CONTINUED)

M = 27

UT	17	18	19	20	21
N					
27	0.001731478	0.004238699	0.009253139	0.019282021	0.036331120
28	0.001203662	0.003017478	0.006745919	0.014404338	0.027806571
29	0.000847875	0.002156506	0.004932083	0.010776666	0.021296815
30	0.000540393	0.001546180	0.003617052	0.008077391	0.016329019
31	0.000316513	0.000811275	0.0022661265	0.006066943	0.012537731
32	0.000255463	0.000604706	0.001766649	0.004567447	0.009642905
33	0.000210589	0.000584034	0.001455406	0.003447112	0.007430526
34	0.000150838	0.000425595	0.001081961	0.002608392	0.005777575
35	0.000108567	0.000311397	0.000807203	0.001979108	0.004440139
36	0.000078519	0.000228763	0.000604373	0.001505839	0.003443990
37	0.000057055	0.000168732	0.000454129	0.001149009	0.002677744
38	0.000041651	0.000124950	0.000342452	0.000872666	0.002087096
39	0.000030545	0.000092843	0.000259153	0.000674805	0.001630805
40	0.000022500	0.000069328	0.000196806	0.000519401	0.001277501
41	0.000016646	0.000051940	0.000149977	0.000400953	0.001003294
42	0.000012368	0.000039059	0.000116684	0.000310418	0.000799965
43	0.000009228	0.000029482	0.000087993	0.000241021	0.000623591
44	0.000006914	0.000022334	0.000067739	0.000187677	0.000493517
45	0.000005200	0.000016980	0.000052319	0.000146555	0.000391571
46	0.000003927	0.000012454	0.000040519	0.000114766	0.000311469
47	0.000002976	0.000009917	0.000031511	0.000090123	0.000248476
48	0.000002265	0.000007618	0.000024570	0.000070966	0.000198556
49	0.000001717	0.000005871	0.000019217	0.000056033	0.000159119
50	0.000001325	0.000004534	0.000015075	0.000044361	0.000127825

PIU ≤ U*1 (CONTINUED)

M = 27

UT	22	23	24	25	26
N					
27	0.065314984	0.107472361	0.168744757	0.265443252	0.41256471
28	0.051241333	0.086193475	0.140717270	0.207118005	0.294917664
29	0.043174917	0.069440014	0.114292778	0.174193133	0.253761573
30	0.031444174	0.053620586	0.091216139	0.148110154	0.217549311
31	0.024496401	0.044630163	0.076744946	0.124471102	0.185435411
32	0.019437737	0.035748937	0.061780220	0.102200787	0.158515883
33	0.015218399	0.028669382	0.051224121	0.085306754	0.134883544
34	0.011684191	0.021005617	0.041546536	0.071147704	0.114553181
35	0.009420705	0.016474315	0.034425226	0.059308455	0.091777593
36	0.007428467	0.014854381	0.028025406	0.049430125	0.082359689
37	0.005954747	0.011962822	0.022021627	0.041197774	0.069753441
38	0.004642325	0.009636567	0.018759461	0.034444269	0.059051801
39	0.003679969	0.007778296	0.015265283	0.028642510	0.049980911
40	0.002922718	0.006278995	0.012597004	0.023900681	0.042301417
41	0.002355336	0.005081450	0.010338102	0.019927513	0.035837150
42	0.001854756	0.004129518	0.008494303	0.016678237	0.030318126
43	0.001482980	0.003355144	0.006927755	0.013950259	0.025680564
44	0.001156767	0.002707085	0.005755833	0.011676877	0.021763150
45	0.000952274	0.002226615	0.004747485	0.009789225	0.018454714
46	0.000765742	0.001818828	0.003921245	0.008213681	0.015659743
47	0.000617093	0.001488448	0.003244429	0.006898670	0.013298075
48	0.000498274	0.001225324	0.002686717	0.005802801	0.011301773
49	0.000403211	0.001002347	0.002228660	0.004886305	0.009613492
50	0.000326468	0.000824825	0.001851810	0.004114774	0.008184884

PIU ≤ U*1 (CONTINUED)

M = 27

UT	27	28	29	30	31
N					
27	0.444439710	0.555560270	0.658743629	0.754556748	0.831207743
28	0.392888051	0.501948117	0.607161949	0.708459247	0.794881495
29	0.345971312	0.445103483	0.556408931	0.668142316	0.755380978
30	0.302726764	0.403133390	0.507533107	0.614496318	0.710388910
31	0.264259529	0.359152185	0.460622589	0.567819231	0.667682479
32	0.23092726	0.31863696	0.416765584	0.523588457	0.624883503
33	0.196669273	0.281775046	0.379011145	0.479083447	0.582554761
34	0.172984531	0.248495414	0.337441157	0.437659284	0.541166450
35	0.147611991	0.218627680	0.302434466	0.394461444	0.501095334
36	0.127270997	0.181962518	0.257084449	0.3415943872	0.4562647443
37	0.111494689	0.162263248	0.241450449	0.327964177	0.426036873
38	0.095113323	0.147124554	0.214564966	0.296353684	0.391484078
39	0.081809219	0.124766421	0.187114258	0.267451211	0.364401477
40	0.071319311	0.112477131	0.166004837	0.240780453	0.324185373
41	0.061410473	0.098175052	0.146065222	0.216533006	0.29097511
42	0.053876405	0.085644454	0.133626166	0.194481354	0.274422413
43	0.045511949	0.074484677	0.121426244	0.174408467	0.240250965
44	0.039715121	0.065110083	0.104477476	0.156402045	0.216821047
45	0.337185966	0.056747205	0.092454466	0.143186547	0.206110839
46	0.291199133	0.049444449	0.081499229	0.134464174	0.197311227
47	0.035110514	0.041320677	0.071742577	0.121443606	0.170368917
48	0.021665210	0.027008484	0.044471173	0.100405448	0.154444877
49	0.018704725	0.023031879	0.03876172	0.089424045	0.144764426
50	0.016198927	0.02018464	0.034443938	0.081377448	0.136766176

P(U ≤ U*) (CONTINUED)

M = 27

U*	32	33	34	35	36
N					
27	0.892527639	0.934665111	0.963668880	0.980717979	0.990746861
28	0.863121722	0.913606525	0.949823884	0.972103629	0.985978583
29	0.830703386	0.889481519	0.932242611	0.961541265	0.979712604
30	0.794801880	0.862530762	0.913912002	0.948669699	0.971782598
31	0.754985945	0.831170054	0.892018026	0.933557770	0.962065438
32	0.720829752	0.801884469	0.861747393	0.916249943	0.950486355
33	0.681887154	0.768805007	0.841362224	0.896868683	0.937019876
34	0.642669853	0.734657494	0.813164187	0.875507737	0.921688145
35	0.603636634	0.699765630	0.783477964	0.852417533	0.904556703
36	0.565185030	0.664816931	0.752365788	0.827796259	0.885728670
37	0.527648951	0.629271033	0.720969083	0.801879127	0.865337986
38	0.491299514	0.594338442	0.688790793	0.774909113	0.843542309
39	0.455948473	0.559992133	0.655355978	0.741129009	0.820516020
40	0.422953194	0.526460361	0.624052832	0.718714937	0.796443686
41	0.391222593	0.493929537	0.592000403	0.690071269	0.771514233
42	0.361223464	0.462546880	0.560447168	0.661226897	0.745915745
43	0.332986794	0.432423688	0.529570917	0.632452688	0.719815379
44	0.306513814	0.403639324	0.499519635	0.603859974	0.693436736
45	0.281781588	0.376244949	0.470413112	0.575659883	0.666895473
46	0.258764056	0.350267255	0.442786039	0.547963364	0.640359625
47	0.237356473	0.325713551	0.415385407	0.520881742	0.613466744
48	0.217539249	0.302572389	0.389583045	0.494507658	0.587840887
49	0.199221216	0.280819726	0.364968188	0.468916289	0.562091057
50	0.182322352	0.264620788	0.341554980	0.444166741	0.536812107

P(U ≤ U*) (CONTINUED)

M = 27

U*	37	38	39	40	41
N					
27	0.895761301	0.938288522	0.969324194	0.989768687	0.999524265
28	0.865264981	0.917083293	0.949796358	0.970956078	0.985846471
29	0.830807792	0.895360146	0.937990208	0.969220647	0.989712822
30	0.795264958	0.872969180	0.926821292	0.968699330	0.989437496
31	0.761948791	0.849781226	0.905199150	0.959264920	0.989168239
32	0.730359874	0.818567418	0.893032101	0.948367804	0.988895676
33	0.699380671	0.788053868	0.862290877	0.939242019	0.988618515
34	0.66957873	0.76282498	0.83670598	0.933527888	0.987109748
35	0.641212771	0.736834045	0.811384324	0.931114305	0.985515795
36	0.614694875	0.711870511	0.787102749	0.928462509	0.982478165
37	0.589830161	0.689597114	0.764051785	0.921063114	0.979133437
38	0.565717778	0.664480951	0.74008958	0.9133374	0.974388049
39	0.542325109	0.640789345	0.717012051	0.899100670	0.968401048
40	0.519525244	0.618594007	0.6937019580	0.882387462	0.961444980
41	0.4972567188	0.598000640	0.66905267	0.854842272	0.947570560
42	0.475374977	0.58068651	0.64179113	0.846459406	0.93669625
43	0.453952544	0.56219582	0.621401498	0.837243231	0.926502574
44	0.4328131063	0.543757556	0.601878139	0.827207545	0.917848270
45	0.4119322106	0.525185816	0.583376020	0.816374769	0.909184873
46	0.391223135	0.507208276	0.565826830	0.804775076	0.900423056
47	0.3706851885	0.489729576	0.548460485	0.792445040	0.89181525
48	0.350318578	0.472562346	0.531794278	0.779434168	0.883473468
49	0.3302324886	0.45676322	0.51594902	0.765768742	0.875309544

P(U ≤ U*) (CONTINUED)

M = 27

U*	42	43	44	45	46
N					
27	0.899918710	0.940004267	0.969998711	0.989993723	0.999998951
28	0.869995394	0.920008649	0.950003101	0.979997217	0.999992842
29	0.839990616	0.890012114	0.920006104	0.959990860	0.989995866
30	0.8099826152	0.859943529	0.909981773	0.949995663	0.979998989
31	0.7800065823	0.829986652	0.8799806877	0.929991090	0.969993718
32	0.7500045260	0.809981295	0.859974466	0.909982943	0.959985346
33	0.720009911	0.779973674	0.829969435	0.879963744	0.929968116
34	0.69000781283	0.749953745	0.799941094	0.849930715	0.899921374
35	0.6600057415	0.719949862	0.769937512	0.819926176	0.869912350
36	0.6300036541	0.689947128	0.739934458	0.789920477	0.839905413
37	0.6000015843	0.659944789	0.709931093	0.759913267	0.809897218
38	0.570009590	0.629942699	0.679927688	0.729905448	0.779889045
39	0.540007569	0.599940545	0.649924534	0.699897219	0.749880843
40	0.510005501	0.569938401	0.619921795	0.669889042	0.719872641
41	0.4800034314	0.539936270	0.589918958	0.639880811	0.689864394
42	0.4500013617	0.509934141	0.559916846	0.609872626	0.659856112
43	0.4200092942	0.479932011	0.529914737	0.579864437	0.629847935
44	0.3900072241	0.449929882	0.499912663	0.549856244	0.599839752
45	0.3600051544	0.419927753	0.469905549	0.519848051	0.569831569
46	0.3300030847	0.389925624	0.439893444	0.489839858	0.539823386
47	0.3000010150	0.359923495	0.409881264	0.459831665	0.509815203
48	0.2700089453	0.329921366	0.379869084	0.429823472	0.479807020
49	0.2400068756	0.299919237	0.349856903	0.399815279	0.449798827
50	0.2100048059	0.269917108	0.319844722	0.369807086	0.419790634

P(U ≤ U*) (CONTINUED)

M = 27

N	47	48	49	50	51
27	0.99999992	0.99999999	1.00000000	1.00000000	1.00000000
28	0.99999972	0.99999996	0.99999999	1.00000000	1.00000000
29	0.99999917	0.99999986	0.99999998	1.00000000	1.00000000
30	0.99999785	0.99999961	0.99999994	0.99999999	1.00000000
31	0.99999495	0.99999899	0.99999983	0.99999997	1.00000000
32	0.99998916	0.99999763	0.99999957	0.99999993	0.99999999
33	0.99997833	0.99999400	0.99999904	0.99999982	0.99999998
34	0.99995977	0.99998975	0.99999801	0.99999960	0.99999995
35	0.99992740	0.99998059	0.99999610	0.99999915	0.99999988
36	0.99987642	0.99996508	0.99999278	0.99999832	0.99999976
37	0.99979800	0.99993993	0.99998724	0.99999685	0.99999954
38	0.99968142	0.99990070	0.99997837	0.99999436	0.99999915
39	0.99951330	0.99984156	0.99996466	0.99999031	0.99999851
40	0.99927736	0.99975506	0.99994415	0.99998395	0.99999749
41	0.99895421	0.99963191	0.99991429	0.99997429	0.99999590
42	0.99852127	0.99946085	0.99987193	0.99996002	0.99999353
43	0.99795262	0.99922842	0.99981321	0.99993947	0.99998997
44	0.99721888	0.99891888	0.99973346	0.99991055	0.99998492
45	0.99628792	0.99851412	0.99962721	0.99987070	0.99997784
46	0.99512423	0.99799361	0.99948808	0.99981686	0.99996813
47	0.99368954	0.99733443	0.99930874	0.99974517	0.99995495
48	0.99194303	0.99651129	0.99908093	0.99965197	0.99993748
49	0.98984163	0.99549666	0.99879542	0.99953175	0.99991464
50	0.98734037	0.99426085	0.99844198	0.99937913	0.99988519

P(U ≤ U*) (CONTINUED)

M = 27

N	52	53	54
27	1.00000000	1.00000000	1.00000000
28	1.00000000	1.00000000	1.00000000
29	1.00000000	1.00000000	1.00000000
30	1.00000000	1.00000000	1.00000000
31	1.00000000	1.00000000	1.00000000
32	1.00000000	1.00000000	1.00000000
33	1.00000000	1.00000000	1.00000000
34	1.00000000	1.00000000	1.00000000
35	1.00000000	1.00000000	1.00000000
36	1.00000000	1.00000000	1.00000000
37	1.00000000	1.00000000	1.00000000
38	1.00000000	1.00000000	1.00000000
39	1.00000000	1.00000000	1.00000000
40	1.00000000	1.00000000	1.00000000
41	1.00000000	1.00000000	1.00000000
42	1.00000000	1.00000000	1.00000000
43	1.00000000	1.00000000	1.00000000
44	1.00000000	1.00000000	1.00000000
45	1.00000000	1.00000000	1.00000000
46	1.00000000	1.00000000	1.00000000
47	1.00000000	1.00000000	1.00000000
48	1.00000000	1.00000000	1.00000000
49	1.00000000	1.00000000	1.00000000
50	1.00000000	1.00000000	1.00000000

P(U ≤ U*) (CONTINUED)

M = 28

N	2	3	4	5	6
28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
41	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

P(U ≤ U*) (CONTINUED)

M = 28

N	7	8	9	10	11
28	0.000000000	0.000000003	0.000000016	0.000000097	0.000000467
29	0.000000000	0.000000001	0.000000009	0.000000057	0.000000282
30	0.000000000	0.000000001	0.000000005	0.000000034	0.000000172
31	0.000000000	0.000000000	0.000000003	0.000000021	0.000000106
32	0.000000000	0.000000000	0.000000002	0.000000013	0.000000066
33	0.000000000	0.000000000	0.000000001	0.000000008	0.000000041
34	0.000000000	0.000000000	0.000000001	0.000000005	0.000000026
35	0.000000000	0.000000000	0.000000000	0.000000003	0.000000017
36	0.000000000	0.000000000	0.000000000	0.000000002	0.000000011
37	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
38	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
39	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 28

N	12	13	14	15	16
28	0.000002171	0.000003842	0.000003131	0.000000766	0.000006271
29	0.000000331	0.000000285	0.000000331	0.000000549	0.000002583
30	0.000000331	0.000000330	0.000000330	0.000000445	0.000001981
31	0.000000322	0.000000211	0.000000506	0.000000922	0.000000429
32	0.000000310	0.000000188	0.000000551	0.000000939	0.000000427
33	0.000000211	0.000000003	0.000000702	0.000000308	0.000000475
34	0.000000136	0.000000054	0.000000468	0.000000898	0.000000500
35	0.000000088	0.000000032	0.000000657	0.000000605	0.000000268
36	0.000000058	0.000000021	0.000000120	0.000000418	0.000000168
37	0.000000038	0.000000017	0.000000051	0.000000289	0.000000142
38	0.000000025	0.000000011	0.000000031	0.000000201	0.000000175
39	0.000000017	0.000000008	0.000000028	0.000000144	0.000000138
40	0.000000011	0.000000005	0.000000014	0.000000086	0.000000073
41	0.000000008	0.000000003	0.000000013	0.000000070	0.000000079
42	0.000000005	0.000000002	0.000000012	0.000000050	0.000000043
43	0.000000004	0.000000001	0.000000008	0.000000039	0.000000037
44	0.000000002	0.000000001	0.000000006	0.000000025	0.000000016
45	0.000000002	0.000000000	0.000000004	0.000000018	0.000000014
46	0.000000001	0.000000000	0.000000003	0.000000011	0.000000004
47	0.000000001	0.000000000	0.000000002	0.000000009	0.000000003
48	0.000000001	0.000000000	0.000000001	0.000000007	0.000000003
49	0.000000000	0.000000000	0.000000001	0.000000005	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000003	0.000000001

P(U ≤ U*) (CONTINUED)

M = 28

N	17	18	19	20	21
28	0.000002178	0.000001105	0.000000314	0.000000751	0.000001399
29	0.000000642	0.000000148	0.000000393	0.000000774	0.000000744
30	0.000000617	0.000000144	0.000000467	0.000000531	0.000000821
31	0.000000695	0.000000175	0.000000445	0.000000422	0.000000764
32	0.000000825	0.000000256	0.000000344	0.000000308	0.000000758
33	0.000000116	0.000000156	0.000000574	0.000000328	0.000000400
34	0.000000244	0.000000292	0.000000353	0.000000343	0.000000589
35	0.000000586	0.000000396	0.000000227	0.000000254	0.000000257
36	0.000000488	0.000000377	0.000000207	0.000000204	0.000000224
37	0.000000354	0.000000130	0.000000096	0.000000098	0.000000166
38	0.000000241	0.000000074	0.000000040	0.000000047	0.000000135
39	0.000000174	0.000000044	0.000000020	0.000000017	0.000000107
40	0.000000124	0.000000034	0.000000016	0.000000014	0.000000087
41	0.000000092	0.000000026	0.000000013	0.000000011	0.000000064
42	0.000000064	0.000000012	0.000000007	0.000000006	0.000000047
43	0.000000046	0.000000008	0.000000004	0.000000003	0.000000034
44	0.000000036	0.000000006	0.000000003	0.000000002	0.000000024
45	0.000000027	0.000000004	0.000000002	0.000000001	0.000000016
46	0.000000019	0.000000003	0.000000001	0.000000000	0.000000011
47	0.000000013	0.000000002	0.000000001	0.000000000	0.000000007
48	0.000000008	0.000000001	0.000000000	0.000000000	0.000000004
49	0.000000004	0.000000000	0.000000000	0.000000000	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 28

N	22	23	24	25	26
28	0.039523952	0.068284796	0.112733372	0.171998142	0.251017834
29	0.030672910	0.053904174	0.091151275	0.142765757	0.212721049
30	0.023496324	0.042523377	0.073562459	0.117534491	0.179612655
31	0.018125529	0.033538880	0.059288911	0.096841770	0.151204004
32	0.013994784	0.026456983	0.047744090	0.079674749	0.126379430
33	0.010817407	0.020881789	0.038429942	0.065483345	0.106429036
34	0.008372884	0.016494750	0.030929522	0.053784576	0.089069572
35	0.006490943	0.013042557	0.024897600	0.044161395	0.074456594
36	0.005040710	0.010326268	0.020050780	0.036258300	0.062190331
37	0.003921792	0.008186876	0.016157983	0.029775292	0.051917257
38	0.003057265	0.006500680	0.013031786	0.024461220	0.043328859
39	0.002388225	0.005170270	0.010530794	0.020197150	0.038158723
40	0.001869558	0.004119274	0.008503107	0.016540134	0.030178725
41	0.001466726	0.003287857	0.006880804	0.013617278	0.025194851
42	0.001153247	0.002629150	0.005575366	0.011222281	0.021043001
43	0.000908806	0.002166436	0.004573911	0.009255137	0.017585001
44	0.000717601	0.001690931	0.003676116	0.007646485	0.014704921
45	0.000586235	0.001360066	0.002991725	0.006323029	0.012305778
46	0.000485787	0.001096172	0.002438544	0.005235254	0.010306628
47	0.000358543	0.000885170	0.001990814	0.004340308	0.008640036
48	0.000285780	0.000716252	0.001627923	0.003603212	0.007249899
49	0.000222850	0.000580713	0.001318466	0.002993431	0.006089899
50	0.000162792	0.000471799	0.001093915	0.002499675	0.005129386

P(U ≤ U*) (CONTINUED)

M = 28

N	27	28	29	30	31
28	0.342194402	0.447988134	0.552801866	0.657805598	0.748987166
29	0.256016549	0.349684784	0.450043608	0.557093020	0.657005804
30	0.222020224	0.307053130	0.403209490	0.508713395	0.610617725
31	0.188839397	0.262613562	0.359784337	0.462135082	0.564817606
32	0.161548235	0.228432893	0.319896954	0.418540453	0.517193989
33	0.137925721	0.203693613	0.283554625	0.377408757	0.477726498
34	0.117568982	0.176752988	0.250770679	0.339405117	0.437013041
35	0.100909993	0.153029142	0.221095226	0.304281081	0.389601442
36	0.085130206	0.132296522	0.194623441	0.272110762	0.362511369
37	0.072355945	0.114222056	0.171040383	0.242810674	0.328935145
38	0.061473819	0.098512910	0.159107252	0.216253844	0.297836643
39	0.052210966	0.084694494	0.131586726	0.192285432	0.269171117
40	0.044341878	0.073113797	0.115244107	0.170732808	0.242868123
41	0.037662682	0.062940868	0.100858447	0.151414520	0.218823316
42	0.031996882	0.054169006	0.088116054	0.134167026	0.196015756
43	0.027192923	0.046614060	0.077132992	0.118749718	0.177313133
44	0.023120747	0.040113171	0.067422423	0.105048503	0.158979219
45	0.019669161	0.034523181	0.058926211	0.092878254	0.142674584
46	0.016743370	0.029718880	0.051469202	0.082084334	0.127962032
47	0.014262757	0.025591222	0.045011446	0.075232431	0.114708475
48	0.012158900	0.022045560	0.039747214	0.064063864	0.102786615
49	0.010373838	0.018999990	0.034640388	0.056588493	0.092076087

P(U ≤ U*) (CONTINUED)

M = 28

N	32	33	34	35	36
28	0.828031858	0.887766528	0.941715004	0.980476048	0.999800008
29	0.789994962	0.857614263	0.910430682	0.946095626	0.970146561
30	0.769781961	0.835162588	0.886046941	0.920024131	0.951150299
31	0.708111314	0.790371529	0.858921709	0.909326252	0.945854722
32	0.665660981	0.751811434	0.829768965	0.887144273	0.930286635
33	0.623061793	0.716031668	0.797787439	0.862170373	0.912464137
34	0.580867256	0.677961717	0.754884733	0.826754341	0.885566474
35	0.539550637	0.648883934	0.730106479	0.808099719	0.870666243
36	0.499446848	0.600432314	0.695119015	0.778551703	0.846586373
37	0.461038417	0.562581542	0.654013302	0.747313068	0.821746641
38	0.424210019	0.525645824	0.624001164	0.716570846	0.795118713
39	0.389557914	0.489880245	0.589764400	0.684750051	0.767556885
40	0.356847776	0.455484318	0.554321340	0.657756501	0.739197873
41	0.326374479	0.423635771	0.521584805	0.623444775	0.713037903
42	0.297690956	0.394146636	0.492488936	0.589241176	0.680705333
43	0.271216507	0.367177158	0.465803460	0.559144671	0.651706494
44	0.246764269	0.343081888	0.442547404	0.537710977	0.630175472
45	0.224197754	0.32759012	0.426415465	0.518139611	0.595404708
46	0.203486466	0.293402060	0.392818765	0.490726611	0.565205536
47	0.184510744	0.263697605	0.362768658	0.461755400	0.545599717
48	0.167154650	0.249091913	0.347976159	0.441517444	0.528016415
49	0.151341099	0.231942044	0.32777856	0.425717746	0.511984618
50	0.136932708	0.21412912	0.297902348	0.405418140	0.495117930

P(U ≤ U*) (CONTINUED)

M = 28

U*	37	38	39	40	41
N					
28	0.989424872	0.995168886	0.997889440	0.999178218	0.999693729
29	0.984255439	0.992437855	0.996220663	0.998660000	0.999435974
30	0.977560735	0.988718575	0.994591122	0.997651028	0.999027986
31	0.969192355	0.983848840	0.991948476	0.996333241	0.998416005
32	0.959045558	0.977685600	0.988477203	0.994518436	0.997539052
33	0.947062574	0.970111719	0.980624562	0.992107275	0.996330805
34	0.933233247	0.961040804	0.978603472	0.989002420	0.994721841
35	0.917591496	0.950419862	0.972017472	0.985117443	0.992642052
36	0.900171773	0.938224917	0.962423332	0.980557865	0.990023358
37	0.881202700	0.924464896	0.955238035	0.974661070	0.986800467
38	0.860700607	0.909229130	0.944986988	0.967974183	0.982915860
39	0.838862772	0.892533870	0.931493391	0.960254603	0.978318421
40	0.815860874	0.874493165	0.920781815	0.951578500	0.972966179
41	0.791874936	0.855219441	0.906995220	0.941638189	0.966826842
42	0.767087957	0.834839035	0.891892574	0.930741531	0.959878248
43	0.741681302	0.813487903	0.875846266	0.918810881	0.952108457
44	0.715830926	0.791307642	0.858839440	0.905881714	0.943515534
45	0.689704371	0.768441935	0.840963476	0.892001021	0.934107079
46	0.663458516	0.745033470	0.822315005	0.877225570	0.923899550
47	0.637237995	0.721221352	0.802694621	0.861520143	0.912917437
48	0.611174194	0.697139010	0.783103826	0.845255674	0.901192337
49	0.585384749	0.672912562	0.762743738	0.828207753	0.888761967
50	0.559973449	0.649659612	0.742013467	0.810554850	0.875669164

P(U ≤ U*) (CONTINUED)

M = 28

U*	42	43	44	45	46
N					
28	0.999899434	0.999668669	0.999641580	0.999347829	0.999000533
29	0.999831622	0.999634301	0.999603228	0.999394709	0.999048751
30	0.999761967	0.999603103	0.999572029	0.999363546	0.999017017
31	0.999700653	0.999577106	0.999542225	0.999332425	0.998985594
32	0.999648448	0.999550311	0.999516388	0.999301305	0.998954528
33	0.999602248	0.999524682	0.999490709	0.999270183	0.998923462
34	0.999561354	0.999499037	0.999465901	0.999239057	0.998892396
35	0.999525543	0.999473489	0.999440787	0.999207931	0.998861330
36	0.999495203	0.999448041	0.999415629	0.999176804	0.998830264
37	0.999470499	0.999422683	0.999390347	0.999145681	0.998799198
38	0.999451250	0.999402044	0.999370880	0.999114757	0.998768132
39	0.999437681	0.999387613	0.999351166	0.999083832	0.998737066
40	0.999429452	0.999379384	0.999342938	0.999052907	0.998706000
41	0.999426889	0.999376940	0.999340494	0.999050463	0.998703559
42	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
43	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
44	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
45	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
46	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
47	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
48	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
49	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559
50	0.999426719	0.999376882	0.999340432	0.999050432	0.998703559

P(U ≤ U*) (CONTINUED)

M = 28

U*	47	48	49	50	51
N					
28	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
29	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
30	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
31	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
32	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
33	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
34	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
35	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
36	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
37	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
38	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
39	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
40	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
41	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
42	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
43	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
44	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
45	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
46	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
47	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
48	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
49	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
50	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000

M = 28

	52	53	54	55	56
28	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
29	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
30	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
31	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
32	0.9999999999	1.0000000000	1.0000000000	1.0000000000	1.0000000000
33	0.9999999999	1.0000000000	1.0000000000	1.0000000000	1.0000000000
34	0.9999999999	1.0000000000	1.0000000000	1.0000000000	1.0000000000
35	0.9999999998	0.9999999998	1.0000000000	1.0000000000	1.0000000000
36	0.9999999998	0.9999999998	0.9999999999	1.0000000000	1.0000000000
37	0.9999999998	0.9999999999	0.9999999999	1.0000000000	1.0000000000
38	0.9999999998	0.9999999998	0.9999999997	1.0000000000	1.0000000000
39	0.9999999997	0.9999999997	0.9999999997	0.9999999997	1.0000000000
40	0.9999999997	0.9999999997	0.9999999998	0.9999999998	1.0000000000
41	0.9999999997	0.9999999997	0.9999999977	0.9999999998	1.0000000000
42	0.9999999996	0.9999999996	0.9999999996	0.9999999997	0.9999999997
43	0.9999999996	0.9999999997	0.9999999997	0.9999999995	0.9999999994
44	0.9999999996	0.9999999997	0.9999999995	0.9999999995	0.9999999993
45	0.9999999996	0.9999999996	0.9999999995	0.9999999995	0.9999999993
46	0.9999999996	0.9999999995	0.9999999995	0.9999999977	0.9999999994
47	0.9999999994	0.9999999995	0.9999999995	0.9999999995	0.9999999991
48	0.9999999994	0.9999999994	0.9999999994	0.9999999994	0.9999999986
49	0.9999999994	0.9999999994	0.9999999997	0.9999999992	0.9999999993
50	0.9999977994	0.9999961600	0.9999987400	0.9999988870	0.9999999463

M = 29

	0	1	2	3	4	5	6
N							
29		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
:		:	:	:	:	:	:
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

M = 20

	T	R	9	10	11
N	7	8	9	10	11
30	0.0000000000	0.0000000001	0.0000000305	0.0000000033	0.0000000167
31	0.0000000000	0.0000000000	0.0000000000	0.0000000019	0.0000000013
32	0.0000000000	0.0000000000	0.0000000302	0.0000000012	0.0000000036
33	0.0000000000	0.0000000000	0.0000000001	0.0000000007	0.0000000037
34	0.0000000000	0.0000000000	0.0000000001	0.0000000001	0.0000000021
35	0.0000000000	0.0000000000	0.0000000000	0.0000000003	0.0000000014
36	0.0000000000	0.0000000000	0.0000000000	0.0000000002	0.0000000009
37	0.0000000000	0.0000000000	0.0000000000	0.0000000001	0.0000000006
38	0.0000000000	0.0000000000	0.0000000000	0.0000000001	0.0000000006
39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000002
40	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
41	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
42	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
.	:	:	:	:	:
50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

P(U ≤ U*) (CONTINUED)

M = 29

N	12	13	14	15	16
29	0.000000809	0.000002272	0.000012713	0.000042385	0.000135640
30	0.000000495	0.000002041	0.000008094	0.000027549	0.000090054
31	0.000000105	0.000001284	0.000005193	0.000021603	0.000060161
32	0.000000150	0.000000815	0.000003358	0.000011895	0.000040437
33	0.000000119	0.000000522	0.000002188	0.000007899	0.000027344
34	0.000000076	0.000000337	0.000001436	0.000005281	0.000018601
35	0.000000048	0.000000219	0.000000949	0.000003555	0.000012727
36	0.000000031	0.000000144	0.000000631	0.000002408	0.000008754
37	0.000000020	0.000000095	0.000000423	0.000001642	0.000006061
38	0.000000013	0.000000063	0.000000285	0.000001126	0.000004217
39	0.000000009	0.000000042	0.000000159	0.000000777	0.000002950
40	0.000000006	0.000000028	0.000000132	0.000000539	0.000002075
41	0.000000004	0.000000019	0.000000091	0.000000376	0.000001467
42	0.000000003	0.000000013	0.000000063	0.000000264	0.000001042
43	0.000000002	0.000000009	0.000000044	0.000000186	0.000000744
44	0.000000001	0.000000006	0.000000030	0.000000132	0.000000533
45	0.000000001	0.000000004	0.000000021	0.000000094	0.000000384
46	0.000000001	0.000000003	0.000000015	0.000000088	0.000000278
47	0.000000000	0.000000002	0.000000011	0.000000049	0.000000202
48	0.000000000	0.000000002	0.000000008	0.000000035	0.000000148
49	0.000000000	0.000000001	0.000000005	0.000000026	0.000000108
50	0.000000000	0.000000001	0.000000004	0.000000019	0.000000083

P(U ≤ U*) (CONTINUED)

M = 29

N	17	18	19	20	21
29	0.000380432	0.001023012	0.002450969	0.005624205	0.011653354
30	0.000258036	0.000709422	0.001736990	0.004076580	0.008638779
31	0.000175998	0.000493894	0.001235650	0.002962490	0.006416169
32	0.000126712	0.000345442	0.000862433	0.002158904	0.004775671
33	0.000086350	0.000242765	0.000635688	0.001577958	0.003563211
34	0.000057728	0.000171363	0.000454450	0.001164900	0.002665017
35	0.000040246	0.000121911	0.000329189	0.000850893	0.001988640
36	0.000028336	0.000086651	0.000238844	0.000627857	0.001503327
37	0.000019872	0.000061925	0.000174067	0.000464807	0.001133508
38	0.000014071	0.000044502	0.000127341	0.000345241	0.000857105
39	0.000010014	0.000032121	0.000094529	0.000257286	0.000630133
40	0.000007161	0.000023284	0.000068966	0.000192376	0.000494733
41	0.000005146	0.000016950	0.000051051	0.000144320	0.000377492
42	0.000003715	0.000012391	0.000037936	0.000108626	0.000288897
43	0.000002694	0.000009095	0.000029296	0.000082028	0.000221731
44	0.000001963	0.000006702	0.000021144	0.000062144	0.000170886
45	0.000001436	0.000004959	0.000015918	0.000047231	0.000131774
46	0.000001065	0.000003685	0.000012004	0.000036010	0.000102027
47	0.000000779	0.000002746	0.000009384	0.000027542	0.000079222
48	0.000000577	0.000002055	0.000006899	0.000021130	0.000061687
49	0.000000429	0.000001544	0.000005257	0.000016769	0.000048168
50	0.000000321	0.000001163	0.000004019	0.000012550	0.000037715

P(U ≤ U*) (CONTINUED)

M = 29

N	22	23	24	25	26
29	0.001108776	0.0024853907	0.005278433	0.115949547	0.177542384
30	0.000750218	0.001681321	0.0037609670	0.008255180	0.147652924
31	0.0005306260	0.001207325	0.002704768	0.005555937	0.124247422
32	0.0003911132	0.000869978	0.001838178	0.003935444	0.101291459
33	0.0002769850	0.000620444	0.0013273516	0.0028126711	0.081664483
34	0.0001863629	0.000424677	0.0009276867	0.002055702	0.068975727
35	0.0001247673	0.0002920735	0.000605031	0.001500646	0.056818442
36	0.0000844405	0.0002010135	0.000426179	0.001051788	0.046760711
37	0.000055001	0.000140748	0.000297740	0.000742055	0.037247844
38	0.000036511	0.000098765	0.0002043740	0.000585856	0.031677188
39	0.0000255497	0.0000649718	0.000149744	0.000438710	0.026074777
40	0.0000174817	0.000046074	0.000106649	0.000314562	0.021468445
41	0.0000116545	0.0000325433	0.000071031	0.000216101	0.017669624
42	0.0000078685	0.0000219463	0.000045807	0.000149411	0.014559751
43	0.0000055862	0.000014710	0.00003001	0.000104562	0.011004845
44	0.0000034528	0.000010465	0.000021479	0.000069572	0.008006635
45	0.0000023002	0.0000073277	0.000014842	0.000047948	0.006182537
46	0.0000015620	0.0000051809	0.0000101747	0.0000327447	0.004745113
47	0.0000010876	0.000003461	0.000007127	0.0000217910	0.0035496110
48	0.0000007444	0.000002399	0.000004808	0.000015705	0.002639223
49	0.0000005429	0.000001714	0.000003417	0.000011212	0.001848334
50	0.0000003949	0.000001207	0.000002468	0.000008125	0.001396711

PIU ≤ U*1 (CONTINUED)

M = 29

N	27	28	29	30	31
29	0.253310578	0.346562510	0.446475294	0.553524706	0.653437493
30	0.215426980	0.301368909	0.396518902	0.501753917	0.603481098
31	0.182566831	0.269256449	0.350478583	0.452425004	0.554371424
32	0.154270592	0.235064714	0.308500645	0.406023161	0.506796428
33	0.130051550	0.199513853	0.270575222	0.362854582	0.461285029
34	0.109426301	0.164937971	0.236577559	0.323075014	0.418222214
35	0.091934593	0.141970968	0.206303450	0.286719053	0.378567335
36	0.077151119	0.121239114	0.179458249	0.253728036	0.340329454
37	0.064691468	0.103377377	0.155879681	0.223974775	0.305688887
38	0.054214035	0.088040146	0.135155087	0.197284679	0.273911177
39	0.045413246	0.074907656	0.117033956	0.173453108	0.244917367
40	0.038047143	0.063689239	0.101236593	0.152259131	0.218588429
41	0.031874046	0.054124330	0.087499756	0.133476109	0.194777912
42	0.026708802	0.045981435	0.075579961	0.118979533	0.173222251
43	0.022388961	0.039059114	0.065255068	0.102252601	0.154046144
44	0.018777095	0.033178889	0.056324629	0.089389973	0.136783632
45	0.015757364	0.028187857	0.048609383	0.078100044	0.121353138
46	0.013232420	0.023937121	0.041950190	0.068820036	0.107508005
47	0.011120649	0.020362854	0.036206636	0.059547921	0.095337891
48	0.009353796	0.017180101	0.031255454	0.051978767	0.084445291
49	0.007876681	0.014736191	0.026498890	0.045367957	0.074774412
50	0.006635797	0.012546733	0.023313080	0.039598312	0.066197523

PIU ≤ U*1 (CONTINUED)

M = 29

N	32	33	34	35	36
29	0.74668942	0.632456417	0.4894017463	0.397472177	0.358146093
30	0.701700445	0.5784573070	0.454402837	0.395744820	0.34437344
31	0.655864740	0.544671410	0.421980779	0.381099708	0.326540794
32	0.609951575	0.501439746	0.377254731	0.353140448	0.30817278
33	0.564638815	0.461527154	0.35074770	0.32422248	0.283018143
34	0.52048148	0.419545040	0.311016352	0.292741883	0.258721633
35	0.477929485	0.378002245	0.274556832	0.259752008	0.231917263
36	0.43732194	0.337347680	0.235856793	0.226773926	0.203319348
37	0.39803504	0.297944345	0.21438686	0.200006004	0.177345678
38	0.36242657	0.260075597	0.194039597	0.185822009	0.162438508
39	0.329165067	0.22954142	0.172758546	0.1621767950	0.141365468
40	0.297556921	0.19724523	0.1480456751	0.1386031984	0.1278411029
41	0.269157433	0.17483114	0.131910241	0.121801904	0.110992294
42	0.242755561	0.15766434	0.118574046	0.10854688	0.098365993
43	0.218507071	0.140070476	0.104671313	0.094823262	0.084643313
44	0.196448707	0.122893445	0.091724013	0.082504040	0.072515017
45	0.176432467	0.104656711	0.074714449	0.065086435	0.055935136
46	0.158736184	0.090070961	0.064445956	0.055485329	0.046982146
47	0.141812983	0.0757116235	0.052887196	0.044254736	0.036034074
48	0.126997161	0.068357228	0.04582517	0.037432867	0.029438622
49	0.113654707	0.060540021	0.039706582	0.031902818	0.0245534261
50	0.101603159	0.053753201	0.034980864	0.027673136	0.0219936232

PIU ≤ U*1 (CONTINUED)

M = 29

N	37	38	39	40	41
29	0.976891264	0.84846447	0.69475705	0.597540311	0.529376094
30	0.947518679	0.81474644	0.64116121	0.54040403	0.482621011
31	0.924311512	0.7754618	0.607123112	0.50941500	0.451010194
32	0.902105510	0.746708174	0.58107147	0.481045644	0.424126640
33	0.88110854	0.718575147	0.5561371	0.46277500	0.407116349
34	0.8610644	0.694047207	0.532712405	0.44510124	0.391087210
35	0.842404686	0.672646366	0.510101002	0.428656774	0.37711414
36	0.825075462	0.652448479	0.489710045	0.41349054	0.36457776
37	0.808944722	0.634444441	0.470471045	0.40128727	0.35345677
38	0.793924347	0.618444447	0.453471272	0.391677191	0.34371612
39	0.780045678	0.604444448	0.438444448	0.383471181	0.335406444
40	0.767101412	0.591004447	0.424444448	0.376417375	0.328417844
41	0.754944448	0.578444447	0.411004448	0.369402103	0.322448478
42	0.743411066	0.566444448	0.399444448	0.363402007	0.317448478
43	0.732405542	0.554444448	0.388444448	0.357402007	0.312448478
44	0.721405542	0.542444448	0.377444448	0.351402007	0.307448478
45	0.710405542	0.530444448	0.366444448	0.345402007	0.302448478
46	0.699405542	0.518444448	0.355444448	0.339402007	0.297448478
47	0.688405542	0.506444448	0.344444448	0.333402007	0.292448478
48	0.677405542	0.494444448	0.333444448	0.327402007	0.287448478
49	0.666405542	0.482444448	0.322444448	0.321402007	0.282448478
50	0.655405542	0.470444448	0.311444448	0.315402007	0.277448478

P(U ≤ U*) (CONTINUED)

M = 29

U*	42	43	44	45	46
29	0.999619568	0.999864360	0.999957615	0.999987287	0.999996728
30	0.999315825	0.999741964	0.999913852	0.999972451	0.999992339
31	0.998842358	0.999541428	0.999837458	0.999945105	0.999985638
32	0.998139214	0.999230597	0.999712009	0.999898009	0.999967635
33	0.997140477	0.998771067	0.999516479	0.999871421	0.999940007
34	0.995773291	0.998118931	0.999225118	0.999702833	0.999834833
35	0.9940961779	0.997225294	0.998607603	0.999526862	0.999824133
36	0.991629395	0.996038560	0.998224450	0.999275101	0.999718711
37	0.988701510	0.994504938	0.997452680	0.998926551	0.999556043
38	0.985138221	0.992570482	0.996416644	0.998457592	0.999352241
39	0.980785962	0.990182558	0.995139004	0.997842521	0.999061151
40	0.975679463	0.987291298	0.993516786	0.997053995	0.998674693
41	0.969745251	0.983850897	0.991527438	0.996035577	0.998173939
42	0.962947863	0.979820712	0.989129870	0.994842309	0.997535043
43	0.955265162	0.975166133	0.986285405	0.993361306	0.996738443
44	0.946686054	0.96989237	0.98298624	0.991592331	0.995760377
45	0.937210420	0.963879039	0.979118078	0.989508333	0.994577517
46	0.926880077	0.957211959	0.974736855	0.987083940	0.993166967
47	0.915625009	0.949851503	0.969792989	0.984255869	0.991550617
48	0.903565407	0.941768210	0.964260710	0.981233379	0.989677416
49	0.890709102	0.933059284	0.958155688	0.977546364	0.987348406
50	0.877100725	0.923648132	0.951444782	0.973555754	0.984812749

P(U ≤ U*) (CONTINUED)

M = 29

U*	47	48	49	50	51
29	0.999999121	0.999999833	0.999999967	0.999999995	0.999999999
30	0.999977565	0.999999538	0.999999715	0.999999945	0.999999997
31	0.999933339	0.999997446	0.99999971	0.999999945	0.999999997
32	0.999851957	0.999944708	0.999998331	0.999999945	0.999999997
33	0.999657859	0.99986744	0.999997450	0.999999945	0.999999997
34	0.999340746	0.999681237	0.999994715	0.999999945	0.999999997
35	0.998911441	0.999367751	0.999990517	0.999999945	0.999999997
36	0.998444779	0.999045674	0.999985703	0.999999945	0.999999997
37	0.99786068	0.998712876	0.999973116	0.999999945	0.999999997
38	0.997164474	0.998265125	0.99995771	0.999999945	0.999999997
39	0.99636537	0.9977517	0.999934534	0.999999945	0.999999997
40	0.995473659	0.99716454	0.999901682	0.999999945	0.999999997
41	0.99449481	0.996478768	0.99985681	0.999999945	0.999999997
42	0.99346756	0.995613315	0.999796775	0.999999945	0.999999997
43	0.99236763	0.99468515	0.99971675	0.999999945	0.999999997
44	0.991204108	0.993690309	0.999613163	0.999999945	0.999999997
45	0.989970910	0.992658785	0.999481403	0.999999945	0.999999997
46	0.988673847	0.991571187	0.999316193	0.999999945	0.999999997
47	0.9873268005	0.99046406	0.99911654	0.999999945	0.999999997
48	0.9859416587	0.989355820	0.998886266	0.999999945	0.999999997
49	0.984528750	0.988233479	0.998656105	0.999999945	0.999999997
50	0.98308750	0.987100725	0.998424012	0.999999945	0.999999997

P(U ≤ U*) (CONTINUED)

M = 29

U*	52	53	54	55	56
29	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
30	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
31	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
32	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
33	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

PIU < 10 (CONTINUED)

M = 29

N	57	58
29	1.000000000	1.000000000
30	.	.
31	.	.
41	1.000000000	1.000000000
42	0.999999999	1.000000000
43	0.999999999	1.000000000
44	0.999999998	1.000000000
45	0.999999997	0.999999999
46	0.999999996	0.999999998
47	0.999999995	0.999999997
48	0.999999994	0.999999996
49	0.999999993	0.999999995

PIU < 10 (CONTINUED)

M = 30

N	7	8	9	10	11
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	.	.	.	.	.
32	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

PIU < 10 (CONTINUED)

M = 30

N	12	13	14	15	16
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	.	.	.	.	.
43	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

PIU < 10 (CONTINUED)

M = 30

N	17	18	19	20	21
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
51	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
52	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
53	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
54	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
55	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
56	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
57	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
58	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
59	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
60	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

M = 30

P(U ≤ U*) (CONTINUED)

U*	32	33	34	35	36
N					
30	0.652590772	0.741602055	0.819486928	0.879045949	0.924591082
31	0.603394860	0.697096413	0.781912493	0.849266478	0.904680025
32	0.554285009	0.651861171	0.742316560	0.816816761	0.877880860
33	0.507865031	0.606625929	0.701404532	0.782245105	0.850459463
34	0.462732363	0.562024233	0.659764667	0.746006227	0.820748912
35	0.418920281	0.518584030	0.617095251	0.708644855	0.789727007
36	0.376993735	0.476726688	0.576613551	0.670624716	0.755995149
37	0.336220530	0.436771943	0.536062466	0.632432680	0.721759794
38	0.307534250	0.398944981	0.496724819	0.594686566	0.688917129
39	0.275661715	0.363397586	0.458839985	0.557089513	0.651541160
40	0.246529343	0.330200230	0.422678579	0.520596821	0.616275123
41	0.220032528	0.298374114	0.388779097	0.485237462	0.581325887
42	0.196031704	0.270892518	0.356040620	0.451206145	0.546960933
43	0.174389344	0.244693103	0.325713899	0.418649518	0.513407404
44	0.154924888	0.220686941	0.297409337	0.387670978	0.480852849
45	0.137474727	0.197676257	0.271104515	0.358335945	0.449447108
46	0.121470519	0.178810875	0.246751073	0.330677199	0.414305069
47	0.107498248	0.160693489	0.224280808	0.304700064	0.390509941
48	0.095550862	0.144288359	0.203610485	0.280387266	0.363116788
49	0.084510041	0.129652077	0.184644834	0.257705365	0.337156136
50	0.074747273	0.116071645	0.167295408	0.225594722	0.312637507

M = 30

P(U ≤ U*) (CONTINUED)

U*	37	38	39	40	41
N					
30	0.054054504	0.075136786	0.086916001	0.0993700810	0.097393215
31	0.030772793	0.065490466	0.091056394	0.090460078	0.090530703
32	0.021068264	0.053620760	0.073611810	0.088150056	0.091046091
33	0.016620211	0.040517097	0.064444945	0.080615715	0.084911533
34	0.012882222	0.031740774	0.053479130	0.073723348	0.078586987
35	0.0093267884	0.0246448109	0.040657743	0.065166107	0.070808825
36	0.0072137176	0.0184050759	0.032587124	0.055466723	0.0614621744
37	0.006030365	0.015601460	0.0269512155	0.043985287	0.051261351
38	0.0048904660	0.0127310936	0.021315491	0.033919525	0.0428642068
39	0.0038121836	0.011586228	0.017514075	0.026763399	0.0348741160
40	0.0028627954	0.008498043	0.01248645	0.0200134464	0.027548829
41	0.002165190	0.006598243	0.0087611251	0.015523026	0.020777374
42	0.00162715715	0.0057811079	0.007498693	0.0123639420	0.016359613
43	0.0012797453	0.00488536236	0.00624873	0.0103511816	0.014466738
44	0.0010211491	0.00408942182	0.005302079	0.0082336609	0.0120405853
45	0.0008150867	0.0032620200	0.0042747531	0.00600157782	0.0103317251
46	0.00061780480	0.0024909863	0.0034601247	0.0047721269	0.008571689
47	0.000488237856	0.00190404020	0.0026744610	0.00353630453	0.0072636783
48	0.0003634964	0.001556255	0.00215931	0.0029543131	0.00606108972
49	0.0002508357	0.0012281609	0.001707020	0.002096970	0.0049402172
50	0.0001573800	0.00095693841	0.001200202	0.001680427443	0.0036554684

P(U ≤ U*) (CONTINUED)

M = 30

U*	42	43	44	45	46
N					
30	0.0008789417	0.000516361	0.000374008	0.000241198	0.00019982395
31	0.0007981026	0.000452894	0.000300047	0.0001884553	0.000159963063
32	0.0006837565	0.000385742	0.0002443156	0.00015788597	0.0001328170
33	0.00058125057	0.00032762713	0.0002070417	0.000130668	0.00010867010
34	0.0004955364	0.0002666830	0.0001684653	0.000101118	0.0000771975
35	0.0004074672	0.0002148511	0.0001379516	0.0000905913	0.0000628175
36	0.00032442473	0.000163018	0.0001006	0.0000780000	0.0000513369
37	0.0002414132	0.0001263076	0.0000720607	0.0000521639	0.000037899
38	0.000163703	0.000096144	0.0000579160	0.000037051715	0.00002688893
39	0.000103659	0.000057727	0.0000349013	0.0000227510	0.0000152573
40	0.00006401738	0.000030345	0.0000182086	0.0000107204	0.000007384747
41	0.0000384678	0.0000175435	0.000009519	0.000005748706	0.00000344137
42	0.00002167929	0.0000092442	0.00000516310	0.0000030871	0.0000019041
43	0.00001340775	0.0000052088	0.0000027136357	0.00000154381	0.00000094101
44	0.00000719495	0.0000026223	0.00000137555	0.00000076232	0.00000040925
45	0.00000431158	0.00000147799	0.00000074407	0.00000042671	0.00000024936
46	0.00000242103	0.000000710534	0.0000003928776	0.00000024006	0.000000147203
47	0.00000127946203	0.0000003678102	0.0000001944414	0.000000124499	0.000000073501
48	0.00000068013	0.0000001830434	0.00000009343424	0.000000057451	0.0000000309094
49	0.0000003689986	0.0000000920253	0.00000004667579	0.0000000248298	0.0000000136086
50	0.0000002040115	0.00000005009	0.000000024551100	0.00000001265866977	0.000000006359745

M = 30

P(U ≤ U*) (CONTINUED)

N	47	48	49	50	51
30	0.999994333	0.999998749	0.999999703	0.999999941	0.999999989
31	0.999988664	0.999996775	0.999999226	0.999999832	0.999999965
32	0.999976717	0.999993139	0.999998187	0.999999577	0.999999904
33	0.999955477	0.999986435	0.999996109	0.999999011	0.999999766
34	0.999919876	0.999974148	0.999992239	0.999997893	0.999999476
35	0.999863137	0.999953640	0.999985455	0.999995895	0.999998910
36	0.999776573	0.999920276	0.999974164	0.999992127	0.999997875
37	0.999649452	0.999869213	0.999956201	0.999985961	0.999996079
38	0.999468934	0.999793497	0.999928731	0.999976063	0.999993103
39	0.999270103	0.999684839	0.99988161	0.999960776	0.999988370
40	0.998986074	0.999533385	0.999830069	0.999937954	0.999981108
41	0.998648187	0.999327715	0.999749155	0.999904905	0.999970320
42	0.998286266	0.999054898	0.999639214	0.999858335	0.999954745
43	0.99786936	0.998700601	0.999493135	0.999794298	0.999932833
44	0.997303979	0.998249243	0.999302927	0.999708190	0.999902717
45	0.996688715	0.997684190	0.999059769	0.999594717	0.999862193
46	0.99603999	0.997087990	0.998754085	0.999447908	0.999808696
47	0.995244604	0.99642624	0.998375636	0.999261141	0.999739313
48	0.994367554	0.995129772	0.997913633	0.999027178	0.999650763
49	0.99346672	0.993361041	0.997354861	0.998738220	0.999539498
50	0.9925280487	0.992528400	0.996653809	0.998385974	0.999401272

M = 30

P(U ≤ U*) (CONTINUED)

N	52	53	54	55	56
30	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
31	0.999999994	0.999999999	1.000000000	1.000000000	1.000000000
32	0.999999982	0.999999997	1.000000000	1.000000000	1.000000000
33	0.999999952	0.999999991	1.000000000	1.000000000	1.000000000
34	0.999999885	0.999999977	0.999999999	1.000000000	1.000000000
35	0.999999778	0.999999945	0.999999989	0.999999998	1.000000000
36	0.999999645	0.999999882	0.999999975	0.999999996	0.999999999
37	0.999999516	0.999999760	0.999999946	0.999999991	0.999999999
38	0.999999380	0.999999654	0.999999890	0.999999980	0.999999995
39	0.999999253	0.999999520	0.999999787	0.999999961	0.999999992
40	0.999999125	0.999999396	0.999999658	0.999999942	0.999999984
41	0.999999000	0.999999270	0.999999529	0.999999927	0.999999968
42	0.999998874	0.999999140	0.999999388	0.999999908	0.999999942
43	0.999998750	0.999999017	0.999999277	0.999999882	0.999999924
44	0.999998627	0.999998893	0.999999169	0.999999859	0.999999902
45	0.999998504	0.999998770	0.999999056	0.999999837	0.999999879
46	0.999998381	0.999998647	0.999998943	0.999999814	0.999999856
47	0.999998258	0.999998524	0.999998830	0.999999791	0.999999833
48	0.999998135	0.999998401	0.999998707	0.999999768	0.999999810
49	0.999998012	0.999998278	0.999998604	0.999999745	0.999999787
50	0.999997889	0.999998155	0.999998501	0.999999722	0.999999764

M = 30

P(U ≤ U*) (CONTINUED)

N	57	58	59	60
30	1.000000000	1.000000000	1.000000000	1.000000000
31	1.000000000	1.000000000	1.000000000	1.000000000
32	1.000000000	1.000000000	1.000000000	1.000000000
33	1.000000000	1.000000000	1.000000000	1.000000000
34	1.000000000	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000
39	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000

M = 31

P(U ≤ U*) (CONTINUED)

N	2	3	4	5	6
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

4 = 31

	7	8	9	10	11
31	0.000000000	0.000000000	0.000000001	0.000000004	0.000000021
32	0.000000000	0.000000000	0.000000000	0.000000002	0.000000012
33	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
15	0.000000000	0.000000000	0.000000000	0.000000000	0.000000004
16	0.000000000	0.000000000	0.000000000	0.000000000	0.000000003
17	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
18	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
19	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
.	.	.	.	.	.
53	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

4 = 31

n	1c	13	14	15	16
21	0.0003300168	0.0000000671	0.6000001486	0.0003071181	0.0000249890
22	0.0000000668	0.0000000290	0.0000000000	0.0000000000	0.0000000679
33	0.0000000346	0.0000000180	0.0000000785	0.0000007848	0.0000000663
40	0.0000000324	0.0000000112	0.0000000249	0.0000000190	0.0000000703
43	0.0000000300	0.0000000071	0.0000000070	0.0000000246	0.0000000689
76	0.0000000209	0.0000000046	0.0000000027	0.0000000089	0.0000000315
77	0.0000000036	0.0000000025	0.0000000134	0.0000000542	0.0000000209
18	0.0000000004	0.0000000019	0.0000000008	0.0000000361	0.0000000414
20	0.0000000006	0.0000000010	0.0000000006	0.0000000052	0.0000000682
43	0.0000000002	0.0000000018	0.0000000038	0.0000000105	0.0000000657
41	0.0000000007	0.0000000005	0.0000000006	0.0000000111	0.0000000045
42	0.0000000051	0.0000000005	0.0000000017	0.0000000075	0.0000000113
43	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
44	0.0000000000	0.0000000002	0.0000000000	0.0000000036	0.0000000151
45	0.0000000000	0.0000000001	0.0000000005	0.0000000025	0.0000000105
46	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000077
47	0.0000000000	0.0000000000	0.0000000003	0.0000000012	0.0000000053
48	0.0000000000	0.0000000000	0.0000000002	0.0000000003	0.0000000038
49	0.0000000000	0.0000000000	0.0000000001	0.0000000006	0.0000000027
50	0.0000000000	0.0000000000	0.0000000001	0.0000000004	0.0000000017

$$H = 3$$

	17	18	19	20	21
31	0.000376182	0.000223747	0.000533215	0.001162828	0.003339981
32	0.000305956	0.000113169	0.000300312	0.001032865	0.0002386405
33	0.000383795	0.000103080	0.000280141	0.000731777	0.001725475
34	0.0003322709	0.000130580	0.000195640	0.0005520290	0.001251157
35	0.000315349	0.000048524	0.000136940	0.000322862	0.000680385
36	0.000306435	0.000004401	0.000007443	0.000165893	0.000066471
37	0.000317134	0.000323799	0.000060820	0.000111336	0.000486178
38	0.000304904	0.0000116262	0.000048444	0.000177909	0.000357397
39	0.000313481	0.000000000	0.000003562	0.000002865	0.000000000
40	0.000303355	0.000002836	0.000000000	0.000072600	0.000034583
41	0.000301645	0.000000589	0.000001782	0.000035269	0.000144455
42	0.000301155	0.000004946	0.000012821	0.000038788	0.000177448
43	0.000300815	0.000000280	0.000000045	0.000005507	0.000000000
44	0.000300578	0.000000773	0.000000680	0.0000021026	0.000000013
45	0.000300341	0.000001444	0.000000000	0.000015564	0.0000005195
46	0.000300394	0.000001581	0.000000368	0.000011561	0.0000043984
47	0.000300215	0.000000265	0.000000000	0.000000286	0.000000000
48	0.000300115	0.000000753	0.000000361	0.0000006445	0.0000019570
49	0.000300111	0.0000002040	0.000000183	0.0000000487	0.0000014898
50	0.000300081	0.000000308	0.000001136	0.000000462	0.0000011377

P(U ≤ U*) (CONTINUED)

M = 31

U*	22	23	24	25	26
N					
31	0.007189001	0.014241764	0.027064970	0.047368381	0.079515446
32	0.005294936	0.010715382	0.020811113	0.037216675	0.061858187
33	0.003906774	0.008071252	0.016003622	0.029224222	0.051203469
34	0.002888301	0.006088172	0.012312024	0.022944437	0.041010895
35	0.002140011	0.004599860	0.009478901	0.018017271	0.032823754
36	0.001589298	0.003481747	0.007204875	0.014154648	0.026261222
37	0.001183216	0.002640628	0.005361192	0.011126004	0.021009105
38	0.000883149	0.002006988	0.004354658	0.008756540	0.016810353
39	0.000660919	0.001528759	0.003369630	0.006897968	0.013456073
40	0.000495943	0.001167159	0.002461706	0.005440611	0.010777413
41	0.000373165	0.000893193	0.002027799	0.004297011	0.008638455
42	0.000281560	0.000685182	0.001577324	0.003398781	0.006930178
43	0.000213032	0.000526899	0.001229256	0.002692502	0.005555341
44	0.000161634	0.000406181	0.000959873	0.002136469	0.004474281
45	0.000122778	0.000313899	0.000751024	0.001698129	0.003601446
46	0.000093828	0.000243187	0.000588814	0.001352072	0.002902589
47	0.000071785	0.000188875	0.000462500	0.001078451	0.002342485
48	0.000055072	0.000147057	0.000364182	0.000861759	0.001893102
49	0.000042366	0.000114782	0.000287308	0.000689869	0.001532132
50	0.000032680	0.000089811	0.000227137	0.000553266	0.001241822

P(U ≤ U*) (CONTINUED)

M = 31

U*	27	28	29	30	31
N					
31	0.124726768	0.185657830	0.260495547	0.351369918	0.448302583
32	0.101771107	0.155684699	0.233076698	0.307247908	0.389836244
33	0.083776984	0.130146682	0.190343436	0.267500387	0.354944932
34	0.068110582	0.108519583	0.161517191	0.232014437	0.313794558
35	0.055603034	0.090397631	0.131783145	0.200576885	0.276435960
36	0.045152358	0.075009883	0.116318578	0.172009978	0.247106038
37	0.036970884	0.062229083	0.098112224	0.148699754	0.212523951
38	0.031013012	0.051575186	0.082976889	0.127617617	0.185650609
39	0.026546404	0.047151111	0.069295671	0.099336188	0.161842711
40	0.023014178	0.035361423	0.058530404	0.0893540010	0.140839801
41	0.020319471	0.029266735	0.044617436	0.079932815	0.122381346
42	0.018313956	0.026271483	0.041751599	0.068241548	0.108213477
43	0.016899041	0.024048527	0.038129109	0.058218133	0.092082501
44	0.0158880155	0.021649081	0.034555851	0.049640813	0.079768256
45	0.015072610	0.0193748714	0.0324669760	0.042311564	0.06906276
46	0.014396399	0.018337118	0.030505797	0.036095630	0.059473767
47	0.013870554	0.017448304	0.028722022	0.030723804	0.051686657
48	0.0134995453	0.016840102	0.027442856	0.026180647	0.044699012
49	0.013281447	0.016510547	0.026508634	0.022312459	0.038652217
50	0.0132688342	0.016411746	0.02647823	0.02020301	0.033423445

P(U ≤ U*) (CONTINUED)

M = 31

U*	32	33	34	35	36
N					
41	0.551607430	0.648670382	0.749504453	0.814442170	0.87507121
42	0.501399001	0.600163751	0.695557800	0.776923312	0.846240787
43	0.453705829	0.552466727	0.650841839	0.737643409	0.813802617
44	0.438503726	0.506172556	0.600661132	0.697136010	0.779327190
45	0.406284887	0.461773472	0.561874172	0.650305400	0.743552126
46	0.327215861	0.419648490	0.518683430	0.614805586	0.705958862
47	0.291352449	0.380034501	0.477030495	0.574026490	0.668001848
48	0.258653032	0.347093646	0.447201222	0.534086963	0.629877871
49	0.229069918	0.308859072	0.399411961	0.495332656	0.591860174
50	0.202367985	0.277355459	0.363879468	0.458037948	0.556441860
41	0.178440358	0.248514123	0.330631816	0.422610415	0.517887883
42	0.157071187	0.222236461	0.303719557	0.388597247	0.482436518
43	0.138055693	0.198395505	0.271126579	0.356692439	0.448298745
44	0.121187911	0.176845572	0.244799604	0.326744370	0.415675519
45	0.106766111	0.157430109	0.220583908	0.296763261	0.384525794
46	0.093007825	0.139487905	0.198603506	0.272732207	0.355069784
47	0.081500491	0.124357878	0.178511914	0.248503607	0.327949077
48	0.071305056	0.110387643	0.160326824	0.226294886	0.301210817
49	0.063555760	0.097801073	0.143746094	0.205753476	0.276802589
50	0.054510574	0.086800038	0.128809354	0.186881056	0.254017917

M = 31 P(U ≤ U*) (CONTINUED)

U*	37	38	39	40	41
31	0.420484554	0.952631619	0.972935030	0.985758238	0.992810999
32	0.898278893	0.937166486	0.962783325	0.979600942	0.989784619
33	0.873197582	0.919088318	0.950487242	0.971843596	0.984657408
34	0.845663141	0.898472787	0.935995431	0.962327111	0.978784411
35	0.815657715	0.875468585	0.919318701	0.950969911	0.971543194
36	0.784451960	0.850284681	0.900525794	0.937727777	0.962839116
37	0.751535499	0.823177207	0.879736451	0.922602403	0.952608570
38	0.717599953	0.794433089	0.857112753	0.905638945	0.940820433
39	0.683025942	0.764358405	0.832849658	0.886921299	0.927476731
40	0.648167886	0.732651677	0.807165438	0.866568526	0.912605919
41	0.613355362	0.701481133	0.780292612	0.844724533	0.896270070
42	0.578879191	0.666741593	0.752469737	0.821555520	0.878551292
43	0.544993366	0.636881956	0.723934305	0.797241546	0.859555701
44	0.511913473	0.604635187	0.694916855	0.771970911	0.839393213
45	0.479817495	0.572726705	0.665636114	0.745034751	0.818203745
46	0.448847692	0.541354896	0.636296501	0.719322357	0.796121274
47	0.419113233	0.510688589	0.607083699	0.692317271	0.773289164
48	0.390693299	0.486869658	0.578165166	0.665094161	0.749849432
49	0.363640393	0.452013209	0.549688476	0.637816442	0.725944458
50	0.337983769	0.424209734	0.521781221	0.610634571	0.701709254

M = 41 P(U ≤ U*) (CONTINUED)

U*	42	43	44	45	46
31	0.396600019	0.498947177	0.599616768	0.699776603	0.799203808
32	0.494837270	0.597613595	0.698548611	0.799546685	0.899585423
33	0.492292304	0.596291535	0.698369058	0.799313387	0.899738335
34	0.488892107	0.594673703	0.697667140	0.798884399	0.899555283
35	0.484599323	0.592059966	0.696204767	0.798277128	0.899270121
36	0.479207988	0.588951165	0.694514008	0.797423368	0.898878795
37	0.472648633	0.585054014	0.692424702	0.796290521	0.898318512
38	0.464860894	0.580362635	0.689842715	0.794803345	0.897558284
39	0.455728372	0.574563467	0.686095158	0.792909338	0.896556687
40	0.445277618	0.567836648	0.681912889	0.790540563	0.895262053
41	0.433479594	0.560357672	0.676432690	0.787671352	0.893633397
42	0.420348191	0.551198281	0.671101568	0.784219642	0.891621690
43	0.405919511	0.541246640	0.664377485	0.780148516	0.889181015
44	0.390248887	0.530706419	0.656730287	0.775417206	0.886267675
45	0.373608520	0.518004824	0.648147054	0.769990192	0.882841211
46	0.355484762	0.504454335	0.638607105	0.763846683	0.878865275
47	0.336575599	0.489820171	0.628111602	0.756963162	0.874083352
48	0.316795248	0.474575293	0.616752905	0.749331278	0.869443316
49	0.296276551	0.458415111	0.604418662	0.740988640	0.864752812
50	0.275013767	0.441681279	0.591285731	0.731821295	0.859919481

M = 51 P(U ≤ U*) (CONTINUED)

U*	47	48	49	50	51
31	0.499945010	0.593442819	0.690098014	0.790999529	0.890999892
32	0.599949403	0.693444462	0.790995416	0.890998824	0.990999713
33	0.699930461	0.790992883	0.890990104	0.990997333	0.990999921
34	0.799930716	0.890994164	0.990995913	0.990998414	0.990999458
35	0.899971472	0.990996570	0.990996755	0.990998062	0.990999680
36	0.990950491	0.990992545	0.990994829	0.990997994	0.990999323
37	0.990928846	0.990971773	0.990991683	0.990994517	0.990998937
38	0.990915714	0.990956068	0.990991406	0.990994034	0.990998797
39	0.990846608	0.990931865	0.990991293	0.990993721	0.990998603
40	0.990822634	0.990903390	0.990991429	0.990993982	0.990998473
41	0.990700324	0.990862618	0.990991766	0.990994295	0.990998248
42	0.990596637	0.990809323	0.990992097	0.990994662	0.990998024
43	0.990467758	0.990741100	0.990885080	0.990995162	0.990998244
44	0.990310819	0.990554084	0.990849400	0.990995299	0.990997487
45	0.990122115	0.990496134	0.990789874	0.990995885	0.990996811
46	0.989898600	0.990210358	0.990736649	0.990876309	0.990995172
47	0.989637457	0.990066990	0.990660462	0.990764284	0.990993469
48	0.989315801	0.989848168	0.990588544	0.990671347	0.990991853
49	0.989012271	0.989721394	0.990459443	0.990570526	0.990887635
50	0.988760157	0.989626458	0.990330947	0.990454757	0.990855519

P(U ≤ U*) (CONTINUED)

M = 31

U*	52	53	54	55	56
N					
31	0.999999979	0.999999996	0.999999999	1.000000000	1.000000000
32	0.999999939	0.999999988	0.999999998	1.000000000	1.000000000
33	0.999999841	0.999999966	0.999999994	0.999999998	1.000000000
34	0.999999623	0.999999914	0.999999983	0.999999997	1.000000000
35	0.999999174	0.999999802	0.999999957	0.999999992	0.999999999
36	0.999998112	0.999999576	0.999999902	0.999999980	0.999999996
37	0.999996751	0.999999156	0.999999791	0.999999956	0.999999991
38	0.999994066	0.999998404	0.999999582	0.999999909	0.999999980
39	0.999991648	0.999997128	0.999999206	0.999999822	0.999999959
40	0.999988265	0.999995050	0.999998562	0.999999668	0.999999918
41	0.999971781	0.999991789	0.999997503	0.999999408	0.999999847
42	0.999956174	0.999986837	0.999995823	0.999998985	0.999999724
43	0.999934149	0.999974516	0.999993243	0.999998319	0.999999522
44	0.999901485	0.999960555	0.999989394	0.999997304	0.999999201
45	0.999857686	0.999954366	0.999983804	0.999995797	0.999998705
46	0.999798856	0.999942244	0.999975876	0.999993616	0.999997959
47	0.999721311	0.999927151	0.999964876	0.999990531	0.999996866
48	0.999620937	0.999911116	0.999949914	0.999986255	0.999995309
49	0.999492995	0.999895031	0.999929932	0.999980441	0.999993104
50	0.999332332	0.999876579	0.999903693	0.999972670	0.999990080

P(U ≤ U*) (CONTINUED)

M = 31

U*	57	58	59	60	61
N					
31	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
32	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
33	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 31

U*	62
N	
31	1.000000000
32	1.000000000
33	1.000000000
34	1.000000000
35	1.000000000
36	1.000000000
37	1.000000000
38	1.000000000
39	1.000000000
40	1.000000000
41	1.000000000
42	1.000000000
43	1.000000000
44	1.000000000
45	1.000000000
46	1.000000000
47	1.000000000
48	1.000000000
49	1.000000000
50	1.000000000

P(U ≤ U*) (CONTINUED)

M = 32

U*	7	8	9	5	6
N					
32	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 32

U*	7	8	9	10	11
N					
32	0.000000000	0.000000000	0.000000000	0.000000001	0.000000007
33	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
...	...	...	...	...	...
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 32

U*	12	13	14	15	16
N					
32	0.000000039	0.000000175	0.000000767	0.000002880	0.000010426
33	0.000000023	0.000000107	0.000000477	0.000001823	0.000006727
34	0.000000014	0.000000066	0.000000299	0.000001163	0.000004369
35	0.000000009	0.000000041	0.000000188	0.000000747	0.000002857
36	0.000000005	0.000000026	0.000000120	0.000000484	0.000001880
37	0.000000003	0.000000016	0.000000077	0.000000315	0.000001244
38	0.000000002	0.000000010	0.000000050	0.000000207	0.000000829
39	0.000000001	0.000000007	0.000000032	0.000000137	0.000000556
40	0.000000001	0.000000004	0.000000021	0.000000091	0.000000374
41	0.000000001	0.000000003	0.000000014	0.000000061	0.000000254
42	0.000000000	0.000000002	0.000000009	0.000000041	0.000000173
43	0.000000000	0.000000001	0.000000006	0.000000028	0.000000119
44	0.000000000	0.000000001	0.000000004	0.000000016	0.000000082
45	0.000000000	0.000000001	0.000000003	0.000000013	0.000000057
46	0.000000000	0.000000000	0.000000002	0.000000009	0.000000039
47	0.000000000	0.000000000	0.000000001	0.000000006	0.000000028
48	0.000000000	0.000000000	0.000000001	0.000000004	0.000000019
49	0.000000000	0.000000000	0.000000001	0.000000003	0.000000014
50	0.000000000	0.000000000	0.000000000	0.000000002	0.000000010

P(U ≤ U*) (CONTINUED)

M = 32

U*	17	18	19	20	21
N					
32	0.000033064	0.000100980	0.000274543	0.000718091	0.001693897
33	0.000021745	0.000067719	0.000187761	0.000501964	0.001205994
34	0.000014389	0.000045651	0.000129017	0.000350940	0.000861361
35	0.000009580	0.000030936	0.000089071	0.000246735	0.000617247
36	0.000006416	0.000021072	0.000061783	0.000174146	0.000443816
37	0.000004322	0.000014427	0.000043056	0.000123592	0.000320217
38	0.000002929	0.000009927	0.000030145	0.000087774	0.000231847
39	0.000001995	0.000006865	0.000021202	0.000062682	0.000168455
40	0.000001367	0.000004770	0.000014980	0.000044938	0.000122827
41	0.000000942	0.000003331	0.000010632	0.000032342	0.000088874
42	0.000000652	0.000002337	0.000007579	0.000023366	0.000065993
43	0.000000454	0.000001647	0.000005426	0.000016946	0.000048626
44	0.000000318	0.000001166	0.000003901	0.000012336	0.000035954
45	0.000000223	0.000000829	0.000002817	0.000009014	0.000026676
46	0.000000158	0.000000592	0.000002042	0.000006610	0.000019853
47	0.000000112	0.000000425	0.000001486	0.000004865	0.000014834
48	0.000000080	0.000000306	0.000001086	0.000003594	0.000011117
49	0.000000057	0.000000222	0.000000797	0.000002664	0.000008353
50	0.000000041	0.000000161	0.000000587	0.000001981	0.000006305

PIU S (U*) (CONTINUED)

M = 32

N	22	23	24	25	26
22	0.00344711	0.001939755	0.015763248	0.028803567	0.050537431
23	0.002791304	0.001869863	0.011942864	0.022283407	0.039937993
24	0.002033112	0.004376613	0.025053932	0.017239240	0.031531047
25	0.001494499	0.002258124	0.006870070	0.013346474	0.024879936
26	0.001086250	0.002450384	0.005215021	0.010331519	0.016626963
27	0.000727716	0.001816487	0.003970198	0.008007656	0.015484432
28	0.000596842	0.001361378	0.003024871	0.006213230	0.012220285
29	0.000433094	0.001073519	0.002308536	0.004826987	0.009639552
30	0.000320546	0.000764908	0.001765041	0.003755306	0.007625265
31	0.000237938	0.000581176	0.001352087	0.002926029	0.006031084
32	0.000175137	0.000439843	0.001037819	0.002283603	0.004775172
33	0.000132163	0.000332750	0.000798243	0.001785290	0.003785189
34	0.000099048	0.000253916	0.000615273	0.001398213	0.003004243
35	0.000074394	0.000193689	0.000475266	0.001097082	0.002387642
36	0.000056341	0.000148140	0.000367423	0.000862434	0.001900398
37	0.000042339	0.000113603	0.000285455	0.000679282	0.001514673
38	0.000032780	0.000087348	0.00021965	0.000546072	0.001209159
39	0.000024177	0.000067337	0.000172983	0.000423891	0.000966792
40	0.000018577	0.000052046	0.000135112	0.000335853	0.000774254

PIU S (U*) (CONTINUED)

M = 32

N	27	28	29	30	31
32	0.082302310	0.128727933	0.146417951	0.265162726	0.3521139225
33	0.066419871	0.106116472	0.156572927	0.278399620	0.308650761
34	0.053518443	0.087202539	0.133053619	0.195029081	0.269399635
35	0.043074430	0.071612536	0.111362207	0.166430118	0.234280207
36	0.034642696	0.058678460	0.093016237	0.141579099	0.203062058
37	0.027849867	0.048023888	0.077564418	0.120176889	0.175573103
38	0.022386070	0.039264804	0.064595425	0.101808532	0.151426035
39	0.017946299	0.032033228	0.057441576	0.086106514	0.130338596
40	0.014472117	0.026219391	0.044679493	0.072729006	0.111498465
41	0.011644070	0.021418555	0.037127574	0.061364331	0.096103684
42	0.009174991	0.017496368	0.030843970	0.051732707	0.082369521
43	0.007554229	0.014298450	0.025611786	0.043586100	0.070632570
44	0.006092764	0.011690115	0.021285572	0.036706843	0.060352793
45	0.004919126	0.009562350	0.017667276	0.030905508	0.051614072
46	0.003976025	0.007862559	0.01402514	0.026018370	0.044123741
47	0.003217586	0.006419956	0.011771770	0.021904734	0.037111422
48	0.002607108	0.005255644	0.010174353	0.018444472	0.032274669
49	0.002115237	0.004312541	0.008471733	0.015544486	0.027541182
50	0.001718501	0.003542145	0.007059111	0.013088358	0.022538950

PIU S (U*) (CONTINUED)

M = 32

N	32	33	34	35	36
37	0.450713075	0.547286955	0.647860775	0.748477702	0.811582049
38	0.432453463	0.530005330	0.630070771	0.741445136	0.774464977
39	0.415774894	0.514986609	0.615492233	0.727131722	0.755067555
40	0.417448505	0.508414040	0.607176512	0.720334205	0.695303643
41	0.283145135	0.456898841	0.463146184	0.559462527	0.654445771
42	0.246406500	0.426303308	0.4269513	0.515470022	0.613474738
43	0.216794181	0.408876055	0.381806406	0.475455618	0.572873825
44	0.18707018	0.385535532	0.344941438	0.436726603	0.533954967
45	0.164981068	0.331209411	0.311644114	0.389507031	0.484380842
46	0.143715445	0.294718070	0.270111640	0.344444984	0.457114939
47	0.124992545	0.180417144	0.150158301	0.311624375	0.421476562
48	0.108537074	0.159605626	0.137222226	0.301074687	0.387620173
49	0.094142511	0.140603374	0.120718382	0.275760804	0.355647457
50	0.081575399	0.123708515	0.110134220	0.246693154	0.325813776
51	0.070679991	0.108721852	0.104413115	0.222175506	0.297536245
52	0.061109621	0.095475726	0.140833757	0.200410634	0.271399925
53	0.052847137	0.083776607	0.125015253	0.183810335	0.247164268
54	0.045584614	0.074687945	0.110877655	0.167616515	0.224768825
55	0.039442801	0.064495369	0.095775753	0.146107307	0.204138237

P(U ≤ U*) (CONTINUED)

M = 32

UT	37	38	39	40	41
N					
32	0.871272097	0.917697690	0.949462569	0.971196433	0.984236752
33	0.841427073	0.895301167	0.933580129	0.960741030	0.977716593
34	0.809102616	0.870159923	0.915149518	0.948130612	0.969568323
35	0.774757881	0.842536048	0.894261492	0.933113732	0.959673994
36	0.738875322	0.812751179	0.871074224	0.916300164	0.947958322
37	0.701937194	0.781166574	0.845800905	0.897157215	0.934390540
38	0.664407782	0.748164341	0.818696185	0.876003306	0.918983647
39	0.626717329	0.714130868	0.790042625	0.852993744	0.901779151
40	0.589254384	0.679442956	0.760137993	0.828341539	0.882904375
41	0.552359060	0.644456978	0.729284008	0.802248010	0.862443311
42	0.516320744	0.609500894	0.697776826	0.774953737	0.840554111
43	0.481378188	0.574868938	0.665899406	0.746700276	0.817401038
44	0.4477721517	0.540818623	0.633915728	0.717728911	0.793160776
45	0.415495596	0.507649656	0.602066718	0.688774564	0.768016821
46	0.384804243	0.475304387	0.570567098	0.658560913	0.742154468
47	0.355714911	0.444169392	0.539607122	0.628796687	0.715756501
48	0.328263520	0.414277878	0.509346378	0.599173007	0.688999635
49	0.302489213	0.385712616	0.479920814	0.569861763	0.662051647
50	0.278288870	0.358529168	0.451438986	0.541014721	0.635069242

P(U ≤ U*) (CONTINUED)

M = 32

UT	42	43	44	45	46
N					
32	0.992060944	0.996159329	0.998306103	0.999281909	0.999725457
33	0.988309344	0.992110137	0.997280756	0.998794006	0.999514601
34	0.981242982	0.981335845	0.995827555	0.998073411	0.999187098
35	0.972475503	0.967707524	0.993844705	0.997052567	0.998700876
36	0.960666774	0.958105339	0.991227548	0.995657845	0.998007244
37	0.946358259	0.947419792	0.987872723	0.993811888	0.997951432
38	0.929929493	0.9370560056	0.983582217	0.991436222	0.995774226
39	0.917677069	0.92455592	0.978567075	0.988453912	0.994113045
40	0.903826402	0.913056593	0.972450527	0.984792121	0.992064741
41	0.890841933	0.902338893	0.965270437	0.980384409	0.989386401
42	0.879149087	0.890299833	0.956800994	0.975172694	0.986197961
43	0.871315368	0.885959253	0.947553650	0.969108744	0.982383223
44	0.851306269	0.872357381	0.936577557	0.962155522	0.977891875
45	0.832677706	0.860652609	0.925528173	0.954287346	0.972689485
46	0.810789176	0.869618925	0.912418347	0.945490627	0.966713480
47	0.788000047	0.851643169	0.898454491	0.935763485	0.959963807
48	0.764454003	0.832722241	0.883538447	0.925115344	0.952413308
49	0.740300621	0.812960382	0.867610459	0.913566206	0.944072812
50	0.715687403	0.792466603	0.850782234	0.901145754	0.934862050

P(U ≤ U*) (CONTINUED)

M = 32

UT	47	48	49	50	51
N					
32	0.999899020	0.999966936	0.999989574	0.999997120	0.999999233
33	0.999812239	0.999934835	0.999978255	0.999993579	0.999998177
34	0.999671253	0.999879667	0.999957822	0.999986768	0.999996031
35	0.999473365	0.999788882	0.999923086	0.999974449	0.999991973
36	0.999130870	0.999650491	0.999867000	0.999953604	0.999984781
37	0.998671205	0.999442817	0.999780597	0.999919715	0.999972657
38	0.998017381	0.999144408	0.999651795	0.999867050	0.999953152
39	0.997188660	0.998729143	0.999467290	0.999788224	0.999923015
40	0.996081639	0.998167508	0.999217443	0.999674114	0.999878086
41	0.994670274	0.997427046	0.998865655	0.999513770	0.999813188
42	0.992999003	0.996472938	0.998400033	0.999294387	0.999720549
43	0.990751884	0.995268703	0.99780414	0.999001352	0.999597321
44	0.988154714	0.993776964	0.997056611	0.998618347	0.999430450
45	0.985075862	0.991960251	0.996119569	0.998127516	0.999211807
46	0.981477204	0.989781799	0.994972171	0.997509686	0.998930694
47	0.977324907	0.987206223	0.993588072	0.996744635	0.998575442
48	0.972590061	0.984200726	0.991941169	0.995811390	0.998133523
49	0.967249156	0.980734727	0.990006058	0.994688548	0.997591692
50	0.961284383	0.976781495	0.987758463	0.993354610	0.996936144

PER S (U*) (CONTINUED)

M = 32

N	52	53	54	55	56
32	0.99999982	0.999999961	0.999999992	0.999999999	1.000000000
33	0.999999955	0.999999983	0.999999997	0.999999999	0.999999999
34	0.999999994	0.999999999	0.999999999	0.999999999	0.999999999
35	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
36	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
37	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
38	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
39	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
40	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
41	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
42	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
43	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
44	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
45	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
46	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
47	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
48	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
49	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999
50	0.999999999	0.999999999	0.999999999	0.999999999	0.999999999

PER S (U*) (CONTINUED)

M = 32

N	57	58	59	60	61
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

PER S (U*) (CONTINUED)

M = 32

N	62	63	64
42	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000

PER S (U*) (CONTINUED)

M = 33

N	2	3	4	5	6
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 33

U*	7	8	9	10	11
N					
33	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
34	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 33

U*	12	13	14	15	16
N					
33	0.000000014	0.000000064	0.000000292	0.000001137	0.000004275
34	0.000000015	0.000000065	0.000000293	0.000001138	0.000004276
35	0.000000016	0.000000066	0.000000294	0.000001139	0.000004277
36	0.000000017	0.000000067	0.000000295	0.000001140	0.000004278
37	0.000000018	0.000000068	0.000000296	0.000001141	0.000004279
38	0.000000019	0.000000069	0.000000297	0.000001142	0.000004280
39	0.000000020	0.000000070	0.000000298	0.000001143	0.000004281
40	0.000000021	0.000000071	0.000000299	0.000001144	0.000004282
41	0.000000022	0.000000072	0.000000300	0.000001145	0.000004283
42	0.000000023	0.000000073	0.000000301	0.000001146	0.000004284
43	0.000000024	0.000000074	0.000000302	0.000001147	0.000004285
44	0.000000025	0.000000075	0.000000303	0.000001148	0.000004286
45	0.000000026	0.000000076	0.000000304	0.000001149	0.000004287
46	0.000000027	0.000000077	0.000000305	0.000001150	0.000004288
47	0.000000028	0.000000078	0.000000306	0.000001151	0.000004289
48	0.000000029	0.000000079	0.000000307	0.000001152	0.000004290
49	0.000000030	0.000000080	0.000000308	0.000001153	0.000004291
50	0.000000031	0.000000081	0.000000309	0.000001154	0.000004292

P(U ≤ U*) (CONTINUED)

M = 33

U*	17	18	19	20	21
N					
33	0.0000014083	0.0000044732	0.000126463	0.000344412	0.000845696
34	0.0000014093	0.0000044742	0.000126464	0.000344413	0.000845697
35	0.0000014103	0.0000044752	0.000126465	0.000344414	0.000845698
36	0.0000014113	0.0000044762	0.000126466	0.000344415	0.000845699
37	0.0000014123	0.0000044772	0.000126467	0.000344416	0.000845700
38	0.0000014133	0.0000044782	0.000126468	0.000344417	0.000845701
39	0.0000014143	0.0000044792	0.000126469	0.000344418	0.000845702
40	0.0000014153	0.0000044802	0.000126470	0.000344419	0.000845703
41	0.0000014163	0.0000044812	0.000126471	0.000344420	0.000845704
42	0.0000014173	0.0000044822	0.000126472	0.000344421	0.000845705
43	0.0000014183	0.0000044832	0.000126473	0.000344422	0.000845706
44	0.0000014193	0.0000044842	0.000126474	0.000344423	0.000845707
45	0.0000014203	0.0000044852	0.000126475	0.000344424	0.000845708
46	0.0000014213	0.0000044862	0.000126476	0.000344425	0.000845709
47	0.0000014223	0.0000044872	0.000126477	0.000344426	0.000845710
48	0.0000014233	0.0000044882	0.000126478	0.000344427	0.000845711
49	0.0000014243	0.0000044892	0.000126479	0.000344428	0.000845712
50	0.0000014253	0.0000044902	0.000126480	0.000344429	0.000845713

P(U ≤ U*) (CONTINUED)

M = 33

U*	22	23	24	25	26
N					
33	0.001958649	0.004304554	0.006916364	0.016987031	0.031110700
34	0.001958650	0.004304555	0.006916365	0.016987032	0.031110701
35	0.001958651	0.004304556	0.006916366	0.016987033	0.031110702
36	0.001958652	0.004304557	0.006916367	0.016987034	0.031110703
37	0.001958653	0.004304558	0.006916368	0.016987035	0.031110704
38	0.001958654	0.004304559	0.006916369	0.016987036	0.031110705
39	0.001958655	0.004304560	0.006916370	0.016987037	0.031110706
40	0.001958656	0.004304561	0.006916371	0.016987038	0.031110707
41	0.001958657	0.004304562	0.006916372	0.016987039	0.031110708
42	0.001958658	0.004304563	0.006916373	0.016987040	0.031110709
43	0.001958659	0.004304564	0.006916374	0.016987041	0.031110710
44	0.001958660	0.004304565	0.006916375	0.016987042	0.031110711
45	0.001958661	0.004304566	0.006916376	0.016987043	0.031110712
46	0.001958662	0.004304567	0.006916377	0.016987044	0.031110713
47	0.001958663	0.004304568	0.006916378	0.016987045	0.031110714
48	0.001958664	0.004304569	0.006916379	0.016987046	0.031110715
49	0.001958665	0.004304570	0.006916380	0.016987047	0.031110716
50	0.001958666	0.004304571	0.006916381	0.016987048	0.031110717

2 011 (CONTINUED)

M = 33

	27	28	29	30	31
33	0.052839420	0.086268221	0.131622880	0.193206273	0.267090746
34	0.041975060	0.069965444	0.108952951	0.163219122	0.230148510
35	0.033111370	0.058926690	0.089955576	0.137442263	0.197588267
36	0.026419708	0.045780736	0.074115626	0.115420843	0.165098054
37	0.020948224	0.036966098	0.060397501	0.096706211	0.144323957
38	0.016510056	0.029826678	0.050123633	0.080872508	0.122845971
39	0.013173734	0.024055620	0.041115521	0.067576642	0.104440646
40	0.010453313	0.019397164	0.033771210	0.056313365	0.088623787
41	0.008300164	0.015641463	0.027702168	0.046916895	0.075098494
42	0.006595933	0.012615799	0.022720573	0.039060207	0.061564658
43	0.005246654	0.010179447	0.018635664	0.032502854	0.053765878
44	0.004177881	0.008218074	0.015288411	0.027037951	0.045445564
45	0.003307644	0.006619991	0.012546567	0.022488770	0.038195943
46	0.002658746	0.005367707	0.010301933	0.018705239	0.032430683
47	0.002125151	0.004346344	0.008463671	0.015560553	0.027388687
48	0.001701033	0.003518444	0.006582174	0.012948004	0.023140553
49	0.001365528	0.002852944	0.005172535	0.010776127	0.019536718
50	0.001094523	0.002315742	0.004174487	0.008976081	0.016504898

PIO S 011 (CONTINUED)

M = 33

	32	33	34	35	36
33	0.155752112	0.444944814	0.550045186	0.644247858	0.737930254
34	0.312634458	0.407844631	0.501449948	0.597146537	0.684942224
35	0.273562166	0.359017433	0.454893497	0.550748161	0.646741197
36	0.234465518	0.318671669	0.410600345	0.505648648	0.602544139
37	0.201793827	0.281810199	0.369474053	0.462784017	0.559440188
38	0.179471902	0.249428556	0.331085075	0.421035144	0.517134423
39	0.155079744	0.218371229	0.295705451	0.382137817	0.478340364
40	0.133708097	0.191472359	0.263325288	0.345745542	0.437549471
41	0.115065126	0.167521329	0.233872182	0.311432039	0.400093546
42	0.098963268	0.146289058	0.207225680	0.280708079	0.365045426
43	0.086828382	0.127539126	0.189233616	0.252032021	0.332200691
44	0.072704496	0.111037370	0.161721048	0.225822037	0.301586833
45	0.062256444	0.096556063	0.142506167	0.201971466	0.273207387
46	0.05370963	0.081880117	0.123597891	0.180347744	0.247006055
47	0.045556700	0.072808721	0.110209280	0.160810036	0.221928612
48	0.038943459	0.063156964	0.096759377	0.143209773	0.200880352
49	0.033240968	0.054756460	0.084875597	0.127396872	0.180756905
50	0.028457362	0.047464727	0.074595994	0.113273144	0.162444554

PIO S 011 (CONTINUED)

M = 33

	37	38	39	40	41
33	0.806793727	0.828364120	0.917711770	0.947140586	0.968899133
34	0.769851490	0.838568781	0.841647444	0.911314212	0.958014443
35	0.731186232	0.806368707	0.845724116	0.917173958	0.945521940
36	0.691197700	0.777162401	0.840044999	0.891267277	0.929867446
37	0.651043449	0.726377833	0.809871254	0.867667147	0.912566170
38	0.610566276	0.699545394	0.776811504	0.842382715	0.893154443
39	0.570577912	0.667099000	0.744015499	0.815064344	0.871886374
40	0.531176017	0.624466951	0.711376240	0.788150454	0.848903603
41	0.491153755	0.587026125	0.675964161	0.756057701	0.824117713
42	0.456410219	0.550131427	0.641778114	0.724966445	0.798106813
43	0.421276991	0.514064804	0.606852616	0.693214689	0.773940537
44	0.387571178	0.479170344	0.570695717	0.661086946	0.744672886
45	0.356356129	0.445443781	0.540264877	0.628447262	0.714114918
46	0.326625578	0.411034496	0.506264964	0.596742895	0.684558878
47	0.298851315	0.382251255	0.476430176	0.564496184	0.655553550
48	0.272468576	0.355066632	0.444701442	0.533786187	0.626120995
49	0.248449169	0.327520695	0.416144343	0.503191665	0.596844164
50	0.227058211	0.299626416	0.385979706	0.471846121	0.567887461

P(U ≤ U') (CONTINUED)

M = 33

	42	43	44	45	46
33	0.983012969	0.991083646	0.995695446	0.998001351	0.999154334
34	0.976218689	0.987048302	0.993484187	0.996848499	0.998603040
35	0.967771501	0.981500886	0.990513778	0.995335423	0.997799154
36	0.957554047	0.973327320	0.986622786	0.993073505	0.996669108
37	0.945490840	0.967441994	0.981777442	0.990248389	0.995135473
38	0.931550857	0.956034357	0.975776997	0.986664577	0.993116396
39	0.915747006	0.941075667	0.963558178	0.982228867	0.990326928
40	0.898133386	0.924546232	0.960048553	0.976858749	0.987291837
41	0.878801052	0.904496993	0.950198723	0.970482151	0.983328323
42	0.857871610	0.880481452	0.934898338	0.963044894	0.978568474
43	0.834444180	0.867755510	0.926401944	0.95406923	0.972951392
44	0.811839143	0.869311040	0.912473638	0.944845534	0.966426818
45	0.797082018	0.862606490	0.897244006	0.934054897	0.954456174
46	0.761412730	0.828764913	0.860774356	0.921454888	0.950511204
47	0.735021448	0.806920375	0.861143161	0.909143132	0.941087556
48	0.708096111	0.786215461	0.844442477	0.895087585	0.930676040
49	0.680818677	0.760734400	0.826774928	0.880310931	0.919291741
50	0.653362118	0.736801683	0.804561087	0.864015787	0.906958145

P(U ≤ U') (CONTINUED)

M = 33

	47	48	49	50	51
44	0.999655588	0.99977517	0.99995568	0.999985017	0.99999574
45	0.999406346	0.999769910	0.999914402	0.999971431	0.999993821
46	0.999073371	0.99963437	0.999845968	0.999945768	0.999991636
47	0.998666909	0.999150517	0.999747095	0.999902771	0.999965778
48	0.998168546	0.998497865	0.999371414	0.999816134	0.999903573
49	0.997602887	0.998452249	0.999418212	0.99979105	0.999947186
50	0.996953066	0.997710682	0.999085890	0.999574268	0.999813155
51	0.9962161505	0.996768857	0.998815187	0.999414225	0.999740014
52	0.9954147732	0.995818840	0.997866508	0.999347581	0.999604895
53	0.994545386	0.994910064	0.997066927	0.998615054	0.999419144
54	0.993624394	0.994154378	0.996115066	0.998001715	0.999189723
55	0.992667346	0.993437066	0.994914306	0.997491268	0.998816543
56	0.991677014	0.992635147	0.994107649	0.996505717	0.998408624
57	0.990667777	0.991600308	0.993165898	0.995415747	0.997864938
58	0.989649825	0.990591957	0.992086126	0.994236156	0.997186564
59	0.988617421	0.989573253	0.990915637	0.992944864	0.99634421
60	0.9875631542	0.988544323	0.989742323	0.991595990	0.995344097
61	0.986494643	0.987516030	0.988564242	0.990244749	0.994314672

P(U ≤ U') (CONTINUED)

M = 33

	52	53	54	55	56
54	0.99999894	0.999999708	0.999999946	0.999999996	0.999999999
55	0.999997891	0.999999788	0.999999950	0.999999991	0.999999997
56	0.999996471	0.999999641	0.999999905	0.999999971	0.999999992
57	0.999994936	0.999999468	0.999999837	0.999999978	0.999999994
58	0.999993475	0.999998354	0.999999618	0.999999950	0.999999984
59	0.9999920478	0.999997009	0.999999484	0.999999909	0.999999974
60	0.999990652	0.999995045	0.999999332	0.999999830	0.999999947
61	0.999989246	0.999993645	0.999999043	0.999999740	0.999999927
62	0.999987884	0.999992386	0.999998751	0.999999640	0.999999826
63	0.999986501	0.999991177	0.999998481	0.999999540	0.999999725
64	0.999985100	0.999989946	0.999998217	0.999999440	0.999999624
65	0.999983785	0.999988714	0.999997955	0.999999340	0.999999523
66	0.999982464	0.999987484	0.999997696	0.999999240	0.999999422
67	0.999981139	0.999986214	0.999997437	0.999999140	0.999999321
68	0.999979810	0.999984944	0.999997178	0.999999040	0.999999220
69	0.999978481	0.999983674	0.999996919	0.999998940	0.999999119
70	0.999977152	0.999982404	0.999996659	0.999998840	0.999999018

P(U ≤ U*) (CONTINUED)

M = 33

U*	57	58	59	60	61
33	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
34	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
35	0.999999998	0.999999999	1.000000000	1.000000000	1.000000000
36	0.999999997	0.999999998	1.000000000	1.000000000	1.000000000
37	0.999999996	0.999999997	0.999999999	1.000000000	1.000000000
38	0.999999995	0.999999996	0.999999998	1.000000000	1.000000000
39	0.999999994	0.999999995	0.999999997	0.999999999	1.000000000
40	0.999999993	0.999999994	0.999999996	0.999999997	1.000000000
41	0.999999992	0.999999993	0.999999995	0.999999996	0.999999998
42	0.999999991	0.999999992	0.999999994	0.999999995	0.999999997
43	0.999999990	0.999999991	0.999999993	0.999999994	0.999999996
44	0.999999989	0.999999990	0.999999992	0.999999993	0.999999995
45	0.999999988	0.999999989	0.999999991	0.999999992	0.999999994
46	0.999999987	0.999999988	0.999999990	0.999999991	0.999999993
47	0.999999986	0.999999987	0.999999989	0.999999990	0.999999992
48	0.999999985	0.999999986	0.999999988	0.999999989	0.999999991
49	0.999999984	0.999999985	0.999999987	0.999999988	0.999999990
50	0.999999983	0.999999984	0.999999986	0.999999987	0.999999989

P(U ≤ U*) (CONTINUED)

M = 33

U*	62	63	64	65	66
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 34

U*	7	8	9	10	11
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 34

U*	7	8	9	10	11
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 34

N	U*				
	12	13	14	15	16
34	0.000000005	0.000000023	0.000000109	0.000000442	0.000001725
35	0.000000003	0.000000014	0.000000067	0.000000276	0.000001095
36	0.000000002	0.000000009	0.000000041	0.000000173	0.000000703
37	0.000000001	0.000000005	0.000000026	0.000000110	0.000000451
38	0.000000001	0.000000003	0.000000016	0.000000070	0.000000292
39	0.000000000	0.000000002	0.000000010	0.000000045	0.000000193
40	0.000000000	0.000000001	0.000000007	0.000000029	0.000000125
41	0.000000000	0.000000001	0.000000004	0.000000019	0.000000082
42	0.000000000	0.000000001	0.000000003	0.000000012	0.000000055
43	0.000000000	0.000000000	0.000000002	0.000000008	0.000000036
44	0.000000000	0.000000000	0.000000001	0.000000005	0.000000025
45	0.000000000	0.000000000	0.000000001	0.000000004	0.000000017
46	0.000000000	0.000000000	0.000000000	0.000000002	0.000000011
47	0.000000000	0.000000000	0.000000000	0.000000002	0.000000008
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
50	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003

P(U ≤ U*) (CONTINUED)

M = 34

N	U*				
	17	18	19	20	21
34	0.000005894	0.000019444	0.000057083	0.000161636	0.000412562
35	0.000003810	0.000012798	0.000038264	0.000110390	0.000287099
36	0.000002478	0.000008479	0.000025780	0.000075714	0.000200543
37	0.000001622	0.000005637	0.000017458	0.000052154	0.000140627
38	0.000001068	0.000003772	0.000011882	0.000036079	0.000098993
39	0.000000768	0.000002537	0.000008127	0.000025067	0.000069956
40	0.000000472	0.000001716	0.000005986	0.000017490	0.000046623
41	0.000000316	0.000001166	0.000003858	0.000012752	0.000035345
42	0.000000213	0.000000797	0.000002678	0.000008623	0.000025229
43	0.000000144	0.000000547	0.000001867	0.000006092	0.000018135
44	0.000000098	0.000000378	0.000001308	0.000004322	0.000013064
45	0.000000067	0.000000262	0.000000920	0.000003079	0.000009447
46	0.000000046	0.000000182	0.000000650	0.000002202	0.000006857
47	0.000000032	0.000000128	0.000000462	0.000001581	0.000004945
48	0.000000022	0.000000090	0.000000329	0.000001139	0.000003652
49	0.000000016	0.000000063	0.000000236	0.000000874	0.000002672
50	0.000000011	0.000000045	0.000000169	0.000000659	0.000001973

P(U ≤ U*) (CONTINUED)

M = 34

N	U*				
	22	23	24	25	26
34	0.001016786	0.00273981	0.004906842	0.009733756	0.016581096
35	0.000719456	0.001644383	0.003618615	0.007320799	0.014257629
36	0.000512133	0.001191955	0.002617626	0.005105887	0.010456723
37	0.000365455	0.000866207	0.001977338	0.004153303	0.008307502
38	0.000261549	0.000631160	0.001465695	0.003146766	0.006449724
39	0.000187854	0.000461162	0.001089651	0.002169775	0.004958164
40	0.000135332	0.000337405	0.000810339	0.001744577	0.003815144
41	0.000097814	0.000248306	0.000604532	0.001361512	0.002734714
42	0.000070577	0.000182998	0.000452042	0.001044972	0.002168099
43	0.000051600	0.000135764	0.000338823	0.000788348	0.001754242
44	0.000037663	0.000100277	0.000254577	0.000603175	0.001356103
45	0.000027589	0.000074561	0.000191751	0.000460311	0.001051143
46	0.000020242	0.000055604	0.000144788	0.000357887	0.000816151
47	0.000014934	0.000041589	0.000109602	0.000271134	0.000634816
48	0.000011042	0.000031198	0.000083176	0.000208788	0.000494665
49	0.000008190	0.000023471	0.000063280	0.000161142	0.000386170
50	0.000006094	0.000017710	0.000048264	0.000124651	0.000300334

P(U ≤ U*) (CONTINUED)

M = 34

U*	27	28	29	30	31
N					
34	0.032878185	0.055970252	0.088958819	0.136085586	0.195779364
35	0.025730841	0.046591140	0.072664586	0.113102799	0.165932475
36	0.020127493	0.035643902	0.058918515	0.093751269	0.140194941
37	0.015742421	0.028398794	0.047835366	0.077539097	0.118136196
38	0.012346554	0.022612605	0.038795100	0.065514572	0.099331833
39	0.009637187	0.017999687	0.031439420	0.052772330	0.083364501
40	0.007546561	0.014326967	0.025466206	0.043455038	0.069838658
41	0.005916241	0.011405533	0.020623058	0.035752127	0.058445731
42	0.004635477	0.009083088	0.016700707	0.029356719	0.048863987
43	0.003643495	0.007237388	0.013526699	0.024161687	0.040823167
44	0.002866819	0.005770650	0.010959633	0.019855034	0.034087675
45	0.002255532	0.004604876	0.008884040	0.016315640	0.028453921
46	0.001778321	0.003677986	0.007205937	0.013408926	0.023747261
47	0.001406145	0.002940649	0.005849033	0.011022977	0.019818681
48	0.001110401	0.002353713	0.004751529	0.009065061	0.016541853
49	0.000879500	0.001886134	0.003863449	0.007458569	0.013809947
50	0.000697747	0.001513306	0.003144425	0.006140358	0.011533038

P(U ≤ U*) (CONTINUED)

M = 34

U*	32	33	34	35	36
N					
34	0.271391484	0.356455118	0.452151706	0.547848294	0.643544482
35	0.234565902	0.313923301	0.405613468	0.500000000	0.597083495
36	0.201965024	0.275416998	0.362181178	0.454155016	0.551238511
37	0.173317128	0.240571326	0.32052374	0.410722926	0.505684983
38	0.148403653	0.209530927	0.286499679	0.369882462	0.463579096
39	0.126586198	0.181978654	0.251897266	0.332098026	0.422580946
40	0.107315081	0.157659137	0.221744151	0.297138720	0.383842265
41	0.091662462	0.136297399	0.196686149	0.265086113	0.347527291
42	0.077810939	0.117612998	0.170531645	0.235901738	0.317252277
43	0.065969004	0.101330338	0.149068138	0.209442415	0.282453168
44	0.056871523	0.087185804	0.130072755	0.185573514	0.253688083
45	0.047280643	0.074932390	0.113321252	0.164130039	0.227358753
46	0.039852888	0.064342359	0.098594490	0.144935608	0.203365714
47	0.033199827	0.055208458	0.085682987	0.127809543	0.181481233
48	0.027456226	0.047344063	0.074489908	0.112572278	0.161861173
49	0.0224131934	0.040582602	0.064532818	0.094049355	0.144137154
50	0.020387684	0.034776484	0.055944672	0.087074217	0.128165379

P(U ≤ U*) (CONTINUED)

M = 34

U*	37	38	39	40	41
N					
34	0.728608516	0.804220636	0.873914414	0.911041081	0.944029749
35	0.686076699	0.767578893	0.834067525	0.888251809	0.927535414
36	0.642928479	0.729224920	0.801895606	0.862852925	0.908570915
37	0.599780259	0.689723038	0.767831222	0.835101437	0.887235853
38	0.557175790	0.649616969	0.732327497	0.805307375	0.867691278
39	0.515577259	0.609411387	0.69357559	0.774816058	0.838148321
40	0.475362633	0.569550055	0.658707771	0.740991325	0.80558466
41	0.436827733	0.531453268	0.621614972	0.707200641	0.780481107
42	0.400191654	0.493424589	0.584657525	0.672802574	0.752135118
43	0.365604303	0.455741015	0.546749787	0.638136833	0.721262353
44	0.333155080	0.420610822	0.512669498	0.603516876	0.689821884
45	0.302881938	0.387186889	0.478147494	0.569224865	0.658025302
46	0.274780288	0.35572532	0.444869224	0.535508723	0.626146277
47	0.248811362	0.32827592	0.412077549	0.502580051	0.594424395
48	0.224409760	0.297974789	0.382576401	0.470618749	0.561063214
49	0.202990251	0.273005893	0.353734942	0.439765570	0.532248307
50	0.182953462	0.247887524	0.326491926	0.410132766	0.502137640

P(U ≤ U*) (CONTINUED)

M = 34

U*	42	43	44	45	46
N					
34	0.967121815	0.981416904	0.990266244	0.995093158	0.997726013
35	0.955982163	0.974269359	0.986003787	0.992679101	0.996463645
36	0.942707014	0.965464413	0.980558006	0.986477907	0.994717209
37	0.927261631	0.954898478	0.973776849	0.985161304	0.992382186
38	0.909668601	0.942509546	0.965550337	0.980212657	0.989352806
39	0.890005023	0.928278470	0.955793741	0.973928806	0.985526151
40	0.868391333	0.912277866	0.944452987	0.966424641	0.980806087
41	0.844993568	0.894419292	0.931506415	0.957635980	0.975106773
42	0.820004805	0.874948553	0.916964359	0.947521110	0.968355594
43	0.793641423	0.853608649	0.900867194	0.936062453	0.960495247
44	0.766133682	0.831543744	0.883283538	0.923642500	0.951485929
45	0.737718002	0.807923475	0.864304705	0.909153411	0.941304690
46	0.708640166	0.784566907	0.844006270	0.893776712	0.926946901
47	0.679099594	0.757726562	0.822625012	0.877198708	0.917475020
48	0.649344715	0.731517572	0.800190604	0.854499131	0.903767696
49	0.619563429	0.704811304	0.766895900	0.840770122	0.889018748
50	0.589960572	0.677783454	0.752961065	0.821113459	0.873233433

P(U ≤ U*) (CONTINUED)

M = 34

U*	47	48	49	50	51
N					
34	0.999985714	0.999987438	0.999978364	0.999942017	0.999983555
35	0.999955517	0.999929314	0.999712901	0.999332516	0.999161130
36	0.999745076	0.999867057	0.999516193	0.999811255	0.999929280
37	0.999619788	0.999417694	0.999211111	0.999682425	0.999876168
38	0.999451870	0.999769871	0.999705322	0.999488748	0.999793130
39	0.999233289	0.999191761	0.999201385	0.999206146	0.999668409
40	0.998956010	0.999643811	0.999734756	0.998809703	0.999487543
41	0.998612096	0.999266012	0.999338411	0.998398571	0.999233353
42	0.998194317	0.999017445	0.999476085	0.997548171	0.998885960
43	0.997696105	0.998712203	0.999261258	0.996612495	0.998422948
44	0.997111840	0.998346204	0.999144323	0.995423366	0.997819630
45	0.996436973	0.997907786	0.998676897	0.994939242	0.997349403
46	0.995668138	0.997398017	0.998551270	0.992119875	0.996084182
47	0.994803196	0.996810713	0.998108786	0.989446900	0.994604889
48	0.993841266	0.996145623	0.997726466	0.987315199	0.993451089
49	0.992782669	0.995401175	0.997293100	0.984752736	0.991726017
50	0.991628908	0.994551157	0.996749771	0.982706290	0.989668812

P(U ≤ U*) (CONTINUED)

M = 34

U*	52	53	54	55	56
N					
34	0.999994106	0.999998775	0.99999558	0.99999891	0.999999977
35	0.999988702	0.999996190	0.999998956	0.999999724	0.999999917
36	0.999976317	0.999992196	0.999997727	0.999999366	0.999999784
37	0.999955880	0.999985035	0.999995182	0.999998649	0.999999649
38	0.999922851	0.999977742	0.999991163	0.999997304	0.999999247
39	0.999870979	0.999952786	0.999981950	0.999994516	0.999998407
40	0.999790571	0.999921621	0.999972158	0.999990876	0.999997184
41	0.999678016	0.999874694	0.999951678	0.999984325	0.999994936
42	0.999515655	0.999806784	0.999925516	0.999974092	0.999991266
43	0.999360172	0.999709408	0.999884192	0.999958676	0.999985489
44	0.999200377	0.999576750	0.999815139	0.999935979	0.999976889
45	0.999050375	0.999405635	0.999742886	0.999903651	0.999963670
46	0.998898210	0.999215804	0.999633043	0.999868617	0.999944314
47	0.998743403	0.999050646	0.999481775	0.999747345	0.999918537
48	0.998597777	0.998865963	0.999286795	0.999571557	0.999882751
49	0.998451874	0.998707180	0.999016301	0.999368241	0.999843153
50	0.998304309	0.998546417	0.998716474	0.999170284	0.999788555

P(U ≤ U*) (CONTINUED)

M = 34

N	57	58	59	60	61
34	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
35	0.999999986	0.999999997	1.000000000	1.000000000	1.000000000
36	0.999999963	0.999999992	0.999999999	1.000000000	1.000000000
37	0.999999912	0.999999981	0.999999996	0.999999999	1.000000000
38	0.999999805	0.999999954	0.999999990	0.999999998	1.000000000
39	0.999999597	0.999999899	0.999999977	0.999999995	0.999999999
40	0.999999212	0.999999791	0.999999951	0.999999989	0.999999998
41	0.999998536	0.999999592	0.999999901	0.999999977	0.999999995
42	0.999997399	0.999999239	0.999999810	0.999999957	0.999999990
43	0.999995559	0.999998642	0.999999652	0.999999908	0.999999981
44	0.999993682	0.999997667	0.999999386	0.999999830	0.999999964
45	0.999991820	0.999996129	0.999998956	0.999999699	0.999999934
46	0.999989890	0.999993775	0.999998283	0.999999684	0.999999885
47	0.999987204	0.999990270	0.999997258	0.999999144	0.999999806
48	0.999984560	0.999985179	0.999995739	0.999998622	0.999999679
49	0.999981796	0.999977054	0.999993539	0.999997839	0.999999487
50	0.999979160	0.999974910	0.999990422	0.999996692	0.999999230

P(U ≤ U*) (CONTINUED)

M = 34

N	62	63	64	65	66
34	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 34

N	67	68
34	1.000000000	1.000000000
35	1.000000000	1.000000000
36	1.000000000	1.000000000
37	1.000000000	1.000000000
38	1.000000000	1.000000000
39	1.000000000	1.000000000
40	1.000000000	1.000000000
41	1.000000000	1.000000000
42	1.000000000	1.000000000
43	1.000000000	1.000000000
44	1.000000000	1.000000000
45	1.000000000	1.000000000
46	1.000000000	1.000000000
47	1.000000000	1.000000000
48	1.000000000	1.000000000
49	1.000000000	1.000000000
50	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 35

N	2	3	4	5	6
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 35

N	7	8	9	10	11
35	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
36	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 35

N	12	13	14	15	16
35	0.000000002	0.000000008	0.000000041	0.000000170	0.000000685
36	0.000000001	0.000000005	0.000000025	0.000000105	0.000000432
37	0.000000001	0.000000003	0.000000015	0.000000066	0.000000274
38	0.000000000	0.000000002	0.000000009	0.000000041	0.000000175
39	0.000000000	0.000000001	0.000000006	0.000000028	0.000000113
40	0.000000000	0.000000001	0.000000004	0.000000017	0.000000073
41	0.000000000	0.000000000	0.000000002	0.000000011	0.000000047
42	0.000000000	0.000000000	0.000000001	0.000000007	0.000000031
43	0.000000000	0.000000000	0.000000001	0.000000005	0.000000021
44	0.000000000	0.000000000	0.000000001	0.000000003	0.000000014
45	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
46	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
47	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U*) (CONTINUED)

M = 35

N	17	18	19	20	21
35	0.000002427	0.000008304	0.000025281	0.000074327	0.000196941
36	0.000001556	0.000005419	0.000016792	0.000050269	0.000135634
37	0.000001004	0.000003556	0.000011213	0.000034150	0.000093789
38	0.000000652	0.000002347	0.000007528	0.000023394	0.000063116
39	0.000000426	0.000001553	0.000005078	0.000015874	0.000043394
40	0.000000280	0.000001040	0.000003444	0.000010998	0.000031774
41	0.000000185	0.000000697	0.000002347	0.000007606	0.000022330
42	0.000000123	0.000000470	0.000001608	0.000005283	0.000015757
43	0.000000083	0.000000319	0.000001106	0.000003685	0.000011163
44	0.000000056	0.000000217	0.000000765	0.000002581	0.000007940
45	0.000000038	0.000000149	0.000000532	0.000001816	0.000005669
46	0.000000026	0.000000102	0.000000371	0.000001283	0.000004184
47	0.000000017	0.000000071	0.000000260	0.000000910	0.000002924
48	0.000000012	0.000000054	0.000000183	0.000000648	0.000002112
49	0.000000008	0.000000034	0.000000130	0.000000463	0.000001531
50	0.000000006	0.000000024	0.000000092	0.000000332	0.000001114

P(U ≤ U*) (CONTINUED)

M = 35

N	22	23	24	25	26
35	0.000503478	0.001172284	0.002611499	0.005428327	0.010788914
36	0.000353232	0.000837881	0.001916878	0.004022913	0.008166067
37	0.000248617	0.000600502	0.001398959	0.002995875	0.006184160
38	0.000175563	0.000431597	0.001023079	0.002230696	0.004866974
39	0.000124391	0.000311110	0.000749817	0.001663850	0.003558577
40	0.000088633	0.000224932	0.000550843	0.001243404	0.002700950
41	0.000061986	0.000163121	0.000405632	0.000931072	0.002054363
42	0.000041598	0.000118661	0.000290643	0.000698666	0.001564908
43	0.000032476	0.000086587	0.000216121	0.000525418	0.001193479
44	0.000024479	0.000063380	0.000164435	0.000396019	0.000912523
45	0.000016906	0.000046517	0.000122328	0.000299175	0.000698658
46	0.000012270	0.000034277	0.000091244	0.000226541	0.000535905
47	0.000008924	0.000025325	0.000068219	0.000171948	0.000411349
48	0.000006527	0.000018768	0.000051169	0.000130827	0.000317127
49	0.000004784	0.000013952	0.000038472	0.000099771	0.000244675
50	0.000003518	0.000010403	0.000029002	0.000076273	0.000189155

P(U ≤ U*) (CONTINUED)

M = 35

U*	27	28	29	30	31
N					
35	0.019860677	0.035212891	0.058241111	0.092783692	0.138840333
36	0.015324795	0.027708784	0.046721051	0.075917880	0.115812013
37	0.011824973	0.021786007	0.037439060	0.061985893	0.096351460
38	0.009127193	0.017121036	0.029968284	0.050523882	0.074986904
39	0.007048793	0.013452510	0.023972902	0.041125714	0.066283173
40	0.005447864	0.010570838	0.019170114	0.033441254	0.054847965
41	0.004214556	0.008308940	0.015327884	0.027172353	0.045333871
42	0.003264074	0.006534254	0.012257096	0.022067666	0.037471559
43	0.002531100	0.005142048	0.009804454	0.017917040	0.030897179
44	0.001965395	0.004069746	0.007846243	0.014545944	0.025488788
45	0.001528354	0.003192473	0.006282980	0.011810233	0.021022321
46	0.001140329	0.002516131	0.005054890	0.009591407	0.017537461
47	0.000928560	0.001990372	0.004038152	0.007792417	0.014299808
48	0.000725566	0.001574414	0.003241793	0.006334024	0.011796965
49	0.000567923	0.001247001	0.002605158	0.005151700	0.009735478
50	0.000445312	0.000989018	0.002095849	0.004193002	0.008037782

P(U ≤ U*) (CONTINUED)

M = 35

U*	32	33	34	35	36
N					
35	0.200249188	0.273172204	0.359768285	0.451458252	0.548541748
36	0.170301560	0.236710696	0.317593618	0.405613268	0.501329391
37	0.144354157	0.204357527	0.279174230	0.362792898	0.455990175
38	0.122011681	0.175855926	0.244474507	0.323184055	0.412934310
39	0.102785840	0.150903715	0.213368541	0.286856571	0.372448513
40	0.086561609	0.129176814	0.185666749	0.253786958	0.334710248
41	0.72707754	0.110346843	0.161738227	0.223880524	0.299803977
42	0.061582927	0.094093630	0.13528801	0.186909688	0.247737822
43	0.051088506	0.080113538	0.12575063	0.172937038	0.238454509
44	0.042759127	0.068124938	0.104014861	0.151516230	0.21870911
45	0.035761662	0.057870674	0.089594802	0.132515683	0.187840801
46	0.029993221	0.049119190	0.077075319	0.115720556	0.166215709
47	0.024978604	0.041664222	0.066237746	0.100920252	0.146828797
48	0.020867508	0.035323687	0.056866228	0.087912521	0.125950779
49	0.017431497	0.029938052	0.048878775	0.076507956	0.114076955
50	0.014562259	0.025368422	0.041832530	0.066528691	0.100368414

P(U ≤ U*) (CONTINUED)

M = 35

U*	37	38	39	40	41
N					
35	0.640231715	0.726827796	0.799750812	0.861159667	0.907216308
36	0.594386732	0.684785291	0.763289304	0.831401238	0.884187987
37	0.549187452	0.642097083	0.725226752	0.799348563	0.858464012
38	0.505177626	0.599359992	0.686106908	0.765418374	0.830950333
39	0.462795562	0.557105201	0.646451175	0.730049747	0.801108533
40	0.422377145	0.51788597	0.605741853	0.693684368	0.769754065
41	0.384616369	0.475877042	0.567610715	0.655675014	0.737155626
42	0.348310628	0.437399258	0.528832327	0.619648438	0.703653341
43	0.314902391	0.400850077	0.491321324	0.582744901	0.669557299
44	0.284612225	0.369796931	0.459513265	0.549363652	0.635313458
45	0.255460405	0.338376622	0.420465159	0.510783552	0.601101945
46	0.229334650	0.303518887	0.387464208	0.476238697	0.567232548
47	0.205489716	0.275344386	0.356278740	0.442418191	0.533942115
48	0.183100681	0.249293109	0.326816277	0.410969174	0.501435170
49	0.164168953	0.225276552	0.299248904	0.380500011	0.469876223
50	0.146428037	0.203245349	0.273514394	0.351584178	0.439407060

P(U ≤ U*) (CONTINUED)

M = 35

U*	42	43	44	45	46
N					
35	0.941758789	0.964787109	0.980139523	0.989211086	0.994571673
36	0.925055148	0.953272449	0.972733522	0.984675205	0.991683016
37	0.905986868	0.936705612	0.958615411	0.978991546	0.988959540
38	0.884785572	0.923899677	0.952791711	0.971834188	0.984250600
39	0.860672516	0.906026459	0.940091159	0.963297906	0.978839393
40	0.834965955	0.886149937	0.925531375	0.953241849	0.972571116
41	0.807610424	0.864464108	0.909134021	0.941621085	0.964417406
42	0.778576617	0.841012709	0.890615700	0.928423216	0.955255248
43	0.744650134	0.816038278	0.871110909	0.913665598	0.944728836
44	0.717421388	0.789706500	0.845705603	0.897394378	0.932820325
45	0.687754439	0.762384740	0.826897928	0.879681404	0.919535595
46	0.653787674	0.734160292	0.802954637	0.860620704	0.904903138
47	0.621715144	0.705328583	0.777581986	0.840324589	0.889972631
48	0.587904517	0.676008893	0.751788527	0.818919612	0.871810773
49	0.554236796	0.646597369	0.723140101	0.795642584	0.851502292
50	0.527799942	0.617143845	0.697996657	0.773336777	0.834143437

P(U ≤ U*) (CONTINUED)

M = 35

N	47	48	49	50	51
35	0.997368501	0.998827716	0.999496522	0.999803059	0.999925673
36	0.995970087	0.998128080	0.999162119	0.999656659	0.999864366
37	0.994061093	0.997132083	0.998667579	0.999429995	0.999765458
38	0.991538443	0.995763359	0.997963810	0.999093375	0.999612975
39	0.988299429	0.993940196	0.996995612	0.998611456	0.999387062
40	0.984245128	0.991578122	0.995702936	0.997943574	0.999063893
41	0.979284572	0.988952710	0.994022457	0.997044370	0.998615765
42	0.973337705	0.984902362	0.991889342	0.995864693	0.998011383
43	0.966338045	0.980431007	0.989239109	0.994352704	0.997216312
44	0.958234591	0.975110468	0.986009471	0.992455119	0.996193594
45	0.949993040	0.968882466	0.982142083	0.990118571	0.994904465
46	0.9418596294	0.961700173	0.977584089	0.987290927	0.993309167
47	0.927044355	0.953529289	0.972289421	0.983922590	0.991367799
48	0.914353558	0.944348643	0.966219988	0.979261688	0.989041171
49	0.900555964	0.934150348	0.959346136	0.975385121	0.986291631
50	0.885696910	0.922939553	0.951647423	0.970139429	0.983083834

P(U ≤ U*) (CONTINUED)

M = 35

N	52	53	54	55	56
35	0.999974719	0.999991696	0.999997573	0.999999315	0.999999830
36	0.999951405	0.999983208	0.999994796	0.999998444	0.999999588
37	0.999911842	0.999968143	0.999989581	0.999996727	0.999999083
38	0.999847924	0.999942808	0.999980344	0.999993551	0.999998082
39	0.999749701	0.999902143	0.999964788	0.999987990	0.999996240
40	0.999601640	0.999819498	0.999930730	0.999978705	0.999993009
41	0.999389375	0.999746426	0.999900919	0.999963860	0.999987596
42	0.999092678	0.999612532	0.999842867	0.999940972	0.999978888
43	0.99869027	0.999425384	0.999758706	0.999908849	0.999965374
44	0.998153071	0.999170491	0.999640070	0.999857468	0.999945071
45	0.997456941	0.998831351	0.999477022	0.999787900	0.999915443
46	0.996570664	0.998389576	0.999258023	0.999692246	0.999873311
47	0.995462644	0.997825086	0.998964953	0.999565537	0.999814861
48	0.994100326	0.997116360	0.998598183	0.999399977	0.999715467
49	0.992406041	0.996150737	0.998126699	0.999174448	0.999629728
50	0.990480637	0.995174761	0.997538237	0.998895047	0.999491589

P(U ≤ U*) (CONTINUED)

M = 35

N	57	58	59	60	61
35	0.999999959	0.999999992	0.999999998	1.000000000	1.000000000
36	0.999999865	0.999999977	0.999999995	0.999999999	1.000000000
37	0.999999752	0.999999941	0.999999987	0.999999997	1.000000000
38	0.999999615	0.999999852	0.999999967	0.999999993	0.999999999
39	0.999999481	0.999999702	0.999999925	0.999999983	0.999999996
40	0.999999340	0.999999592	0.999999841	0.999999962	0.999999997
41	0.999999173	0.999999428	0.999999683	0.999999919	0.999999982
42	0.999998994	0.999999249	0.999999504	0.999999757	0.999999936
43	0.999998806	0.999999025	0.999999280	0.999999530	0.999999795
44	0.999998611	0.999998836	0.999999097	0.999999346	0.999999560
45	0.999998410	0.999998639	0.999998902	0.999999152	0.999999419
46	0.999998204	0.999998435	0.999998704	0.999998962	0.999999184
47	0.999997993	0.999998224	0.999998493	0.999998751	0.999998947
48	0.999997777	0.999998008	0.999998277	0.999998535	0.999998744
49	0.999997556	0.999997787	0.999998056	0.999998314	0.999998523
50	0.999997330	0.999997561	0.999997830	0.999998088	0.999998297

P(U ≤ U*) (CONTINUED)

M = 35

N	62	63	64	65	66
35	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
39	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
40	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
41	0.999999996	0.999999999	1.000000000	1.000000000	1.000000000
42	0.999999994	0.999999998	1.000000000	1.000000000	1.000000000
43	0.999999991	0.999999996	0.999999999	1.000000000	1.000000000
44	0.999999988	0.999999994	0.999999998	1.000000000	1.000000000
45	0.999999984	0.999999991	0.999999996	0.999999999	1.000000000
46	0.999999980	0.999999987	0.999999994	0.999999998	1.000000000
47	0.999999976	0.999999983	0.999999990	0.999999996	1.000000000
48	0.999999971	0.999999978	0.999999985	0.999999992	0.999999999
49	0.999999966	0.999999973	0.999999980	0.999999987	0.999999994
50	0.999999961	0.999999968	0.999999975	0.999999982	0.999999989

P(U ≤ U*) (CONTINUED)

M = 36

U*	22	23	24	25	26
36	0.000244433	0.000590611	0.001377379	0.002950916	0.006097993
37	0.000169718	0.000417522	0.000991755	0.002164148	0.004556786
38	0.000118250	0.000296050	0.000715681	0.001589915	0.003408320
39	0.000082680	0.000210569	0.000517677	0.001170283	0.002552271
40	0.000058016	0.000150244	0.000375380	0.000863174	0.001913808
41	0.000040855	0.000107546	0.000272894	0.000638028	0.001437222
42	0.000028874	0.000077232	0.000198911	0.000472690	0.001081087
43	0.000020480	0.000055644	0.000145376	0.000351011	0.000814625
44	0.000014578	0.000040221	0.000106538	0.000261279	0.000614972
45	0.000010414	0.000029168	0.000078292	0.000194962	0.000465143
46	0.000007466	0.000021222	0.000057695	0.000145838	0.000352518
47	0.000005371	0.000015490	0.000042835	0.000109365	0.000267707
48	0.000003878	0.000011343	0.000031564	0.000082220	0.000203724
49	0.000002809	0.000008333	0.000023477	0.000061970	0.000155361
50	0.000002342	0.000006141	0.000017495	0.000046825	0.000118732

P(U ≤ U*) (CONTINUED)

M = 36

U*	27	28	29	30	31
36	0.011665890	0.021516789	0.036996775	0.061322465	0.095378432
37	0.008881940	0.016696948	0.029256782	0.049432262	0.078350449
38	0.006765375	0.012962257	0.023116419	0.039768119	0.064227611
39	0.005156786	0.010046897	0.018255298	0.031977548	0.052560933
40	0.003934259	0.007796872	0.014413068	0.025679757	0.042655348
41	0.003004851	0.006050261	0.011379728	0.020609184	0.035508605
42	0.002247881	0.004499070	0.008986906	0.016533498	0.028608045
43	0.001759684	0.003652546	0.007100258	0.013261716	0.023325431
44	0.001349564	0.002841770	0.005613010	0.010637785	0.019012411
45	0.001036682	0.002131332	0.004440565	0.008536824	0.015495388
46	0.000797675	0.001725001	0.003516051	0.006850088	0.012629085
47	0.000614843	0.001347528	0.002786731	0.005500657	0.010295159
48	0.000474770	0.001053530	0.002110500	0.004419786	0.008395511
49	0.000367286	0.000824847	0.001756310	0.003553870	0.006846746
50	0.000284671	0.000646759	0.001396798	0.002859928	0.005591104

P(U ≤ U*) (CONTINUED)

M = 36

U*	32	33	34	35	36
36	0.143056786	0.202654729	0.277152157	0.360413989	0.453471333
37	0.119777434	0.172855758	0.240821004	0.318783073	0.408150325
38	0.100055464	0.146963892	0.208457073	0.280801991	0.365700883
39	0.083298763	0.124602736	0.179834792	0.246438155	0.326323967
40	0.069444290	0.105391586	0.154683352	0.215573182	0.290107791
41	0.057465478	0.088960997	0.132704772	0.189027788	0.257049104
42	0.047675458	0.074962989	0.113592107	0.163582752	0.227073468
43	0.039427376	0.063077106	0.097042144	0.141995871	0.200053757
44	0.032612803	0.053033391	0.082764248	0.123015409	0.175825754
45	0.026959330	0.044513146	0.070486117	0.106389929	0.154201765
46	0.022275564	0.037348188	0.059957124	0.091875622	0.134961141
47	0.018400851	0.031315129	0.050499869	0.079241217	0.117956267
48	0.015198419	0.026255144	0.043650413	0.068271107	0.102932976
49	0.012553652	0.022001326	0.037107612	0.058757040	0.089706716
50	0.010370662	0.018436166	0.031131867	0.050548822	0.078092782

P(U ≤ U*) (CONTINUED)

M = 36

U*	37	38	39	40	41
36	0.546528670	0.639586011	0.722847843	0.797345271	0.856943214
37	0.500000000	0.594332099	0.681216927	0.761177100	0.827144242
38	0.455316374	0.546648473	0.6330015725	0.713418129	0.785160171
39	0.412866910	0.506367043	0.596814523	0.681930323	0.761399211
40	0.372924024	0.464021879	0.555119735	0.645208196	0.726287811
41	0.335656719	0.423850629	0.514365431	0.605735299	0.690252427
42	0.301146059	0.385800414	0.474910281	0.568596094	0.653704483
43	0.269400675	0.350036628	0.437038576	0.528172837	0.617028742
44	0.240371733	0.316653143	0.400964597	0.490769817	0.580575038
45	0.213966560	0.286843133	0.368838614	0.454648162	0.544465293
46	0.190006662	0.257118026	0.335845455	0.425992613	0.515992613
47	0.168507833	0.230886914	0.304756878	0.387007412	0.475426735
48	0.149148808	0.206918597	0.276850447	0.355743816	0.442526522
49	0.131817771	0.185510200	0.251010068	0.325282244	0.410969174
50	0.116748283	0.165315324	0.227716948	0.298652169	0.380918472

P(U ≤ U*) (CONTINUED)

M = 36

U*	42	43	44	45	46
N					
36	0.004621568	0.938677535	0.963033225	0.978483211	0.988334110
37	0.081517160	0.221649551	0.451240254	0.670743218	0.883582160
38	0.855934904	0.402210652	0.931369612	0.961327994	0.977590653
39	0.528110872	0.880527177	0.421371050	0.950147416	0.970231800
40	0.798358500	0.56701584	0.903277031	0.937151638	0.961402133
41	0.767003116	0.83062023	0.883173376	0.922331891	0.951026560
42	0.734791101	0.803551063	0.861184364	0.905719188	0.939060767
43	0.700872263	0.774734412	0.837474462	0.887381319	0.925492010
44	0.666788049	0.744790798	0.812235851	0.867418576	0.910338474
45	0.632467498	0.713999936	0.785681201	0.845958627	0.893647402
46	0.598195357	0.682639383	0.758035935	0.822150952	0.875492291
47	0.564247311	0.650872874	0.726530226	0.799161172	0.855969592
48	0.530887095	0.619247608	0.700395133	0.774165556	0.835193815
49	0.498240211	0.587690320	0.670853213	0.748345408	0.813295434
50	0.466618961	0.556504236	0.641117644	0.721884987	0.790414855

P(U ≤ U*) (CONTINUED)

M = 36

U*	47	48	49	50	51
N					
36	0.003902310	0.93704431	0.938622621	0.909409389	0.909755567
37	0.091118060	0.225531771	0.457815485	0.690131717	0.906562478
38	0.987489063	0.49148440	0.906711548	0.948480024	0.999319288
39	0.982893655	0.49070076	0.94611872	0.997700707	0.998934625
40	0.97171713	0.987348604	0.948635642	0.99839170	0.99764781
41	0.970364272	0.98134714	0.94075825	0.995212733	0.997648753
42	0.962754909	0.977822716	0.937552526	0.991390524	0.99659763
43	0.952832289	0.971561442	0.93663644	0.991075059	0.995375414
44	0.942061876	0.96211464	0.934977856	0.988206851	0.993744748
45	0.929932340	0.955714929	0.93440459	0.984720142	0.991713869
46	0.916455077	0.946039312	0.93444812	0.980554253	0.989232295
47	0.901661900	0.935167997	0.93598753	0.97567250	0.98649218
48	0.885608463	0.923102195	0.931224494	0.96994360	0.982717229
49	0.868361347	0.90960291	0.941849261	0.963463095	0.978592918
50	0.850006044	0.895476712	0.931474325	0.956104770	0.973837831

P(U ≤ U*) (CONTINUED)

M = 36

U*	52	53	54	55	56
N					
36	0.003907885	0.93966469	0.95089002	0.90996513	0.909999016
37	0.093815141	0.490371771	0.90978291	0.99092757	0.99092783
38	0.999719337	0.49088429	0.90995603	0.99485905	0.990905449
39	0.999562700	0.490811656	0.90992893	0.994974069	0.99091133
40	0.999283719	0.490494716	0.909870347	0.990954580	0.990984213
41	0.998916660	0.49023168	0.909804165	0.990921807	0.990972357
42	0.998406471	0.49075825	0.90969147	0.990876490	0.990953553
43	0.99774106	0.490641070	0.909534616	0.990808087	0.990924768
44	0.996830424	0.490492211	0.909311374	0.990709617	0.990882106
45	0.995644168	0.490349876	0.909130460	0.990571677	0.99080671
46	0.994243864	0.4901715154	0.908817867	0.990386681	0.990734473
47	0.992655519	0.4901711321	0.908102490	0.990135562	0.990616377
48	0.990105560	0.494471348	0.907445654	0.98817702	0.990468006
49	0.987722686	0.493516577	0.906621859	0.988406054	0.990249776
50	0.984675007	0.491760852	0.905608171	0.987888361	0.990080886

P(U ≤ U*) (CONTINUED)

M = 36

U*	57	58	59	60	61
N					
36	0.003909731	0.940999216	0.95394425	0.909999997	0.909999999
37	0.093909174	0.490999943	0.909999943	0.990999997	0.990999999
38	0.999996649	0.490999913	0.909999943	0.990999997	0.990999999
39	0.999997771	0.490999916	0.909999943	0.990999997	0.990999999
40	0.999994796	0.490999943	0.909999943	0.990999997	0.990999999
41	0.999990563	0.490999970	0.909999943	0.990999997	0.990999999
42	0.999983627	0.490999943	0.909999943	0.990999997	0.990999999
43	0.99997690	0.490999943	0.909999943	0.990999997	0.990999999
44	0.99996921	0.490999943	0.909999943	0.990999997	0.990999999
45	0.999961181	0.490999943	0.909999943	0.990999997	0.990999999
46	0.999953555	0.490999943	0.909999943	0.990999997	0.990999999
47	0.99994670	0.490999943	0.909999943	0.990999997	0.990999999
48	0.999938153	0.490999943	0.909999943	0.990999997	0.990999999
49	0.999929683	0.490999943	0.909999943	0.990999997	0.990999999
50	0.999921147	0.490999943	0.909999943	0.990999997	0.990999999

M = 36

N	62	63	64	65	66
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
37	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
38	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
39	0.999999997	1.000000000	1.000000000	1.000000000	1.000000000
40	0.999999999	0.999999999	1.000000000	1.000000000	1.000000000
41	0.999999986	0.999999997	0.999999999	1.000000000	1.000000000
42	0.999999969	0.999999993	0.999999999	1.000000000	1.000000000
43	0.999999936	0.999999986	0.999999997	1.000000000	1.000000000
44	0.999999871	0.999999992	0.999999993	0.999999999	1.000000000
45	0.999999769	0.999999944	0.999999986	0.999999997	0.999999999
46	0.999999587	0.999999838	0.999999974	0.999999995	0.999999994
47	0.999999392	0.999999621	0.999999951	0.999999999	0.999999998
48	0.999999134	0.999999464	0.999999931	0.999999982	0.999999976
49	0.999998800	0.999999444	0.999999851	0.999999968	0.999999992
50	0.999998474	0.999999197	0.999999752	0.999999946	0.999999986

11 = 36

	67	68	69	70	71
36	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

4 = 36

N	U^*
76	1.0000000000
.	.
50	1.0000000000

M = 37

N	2	3	4	5	6
37	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
:	:	:	:	:	:
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

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	7	8	9	10	11
37	0,0000000000	0,0000000000	0,0000000000	0,0000000000	0,0000000000
38	:	:	:	:	:
39	0,0000000000	0,0000000000	0,0000000000	0,0000000000	0,0000000000

M = 37

	12	13	14	15	16
37	0.0000000000	0.0000000000	0.0000000005	0.0000000024	0.0000000104
38	0.0000000000	0.0000000000	0.0000000003	0.0000000015	0.0000000066
39	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
40	0.0000000000	0.0000000000	0.0000000001	0.0000000006	0.0000000025
41	0.0000000000	0.0000000000	0.0000000001	0.0000000004	0.0000000016
42	0.0000000000	0.0000000000	0.0000000000	0.0000000002	0.0000000013
43	0.0000000000	0.0000000000	0.0000000000	0.0000000001	0.0000000007
44	0.0000000000	0.0000000000	0.0000000000	0.0000000001	0.0000000004
45	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
46	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
48	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

4 = 37

	17	18	19	20	21
37	0.00000030393	0.00000001442	0.00000034705	0.0000014857	0.000042766
38	J.00000002488	0.00000009426	0.00000003073	0.0000009870	0.000028861
39	0.0000001568	0.00000000000	0.00000000000	0.0000001568	0.00000000000
40	0.00000003018	0.00000000289	0.00000000133	0.0000000420	0.0000003216
41	0.00000000665	0.00000000000	0.00000000000	0.00000023779	0.00000009694
42	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
43	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
44	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
45	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
46	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
47	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
48	0.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
49	J.00000000000	0.00000000000	0.00000000000	0.00000000000	0.00000000000
50	J.00000000002	0.00000000007	0.00000000000	0.00000000005	0.00000000000

$M = 37$

	22	23	24	25	26
37	0.000116270	0.000201191	0.000704639	0.00156598P	0.003300467
38	0.000079944	0.000203731	0.0005001837	0.001135313	0.002440035
39	0.000517117	0.000203731	0.0005001837	0.001135313	0.002440035
40	0.000038215	0.000100104	0.000256497	0.000600516	0.001357791
41	0.000026570	0.000011169	0.000164115	0.000382825	0.000606892
42	0.000136743	0.00000643	0.000618751	0.000139500	0.000000000
43	0.000124689	0.00003003	0.000000000	0.000155107	0.000556743
44	0.000099133	0.000025621	0.000063753	0.000176856	0.000451231
45	0.000036446	0.000011861	0.000033746	0.000033746	0.000000000
46	0.000036446	0.000011861	0.000033746	0.000033746	0.000033746
47	0.000033246	0.000009918	0.000033611	0.000033611	0.000033611
48	0.000033246	0.000009918	0.000033611	0.000033611	0.000033611
49	0.000029216	0.000006888	0.000011861	0.000011861	0.000011861
50	0.000016588	0.000005000	0.000011861	0.000011861	0.000011861
51	0.000001192	0.000003644	0.000011861	0.000011861	0.000011861

N = 37

	27	28	29	40	41
27	J.036673351	0.01789444	0.32237311	0.034444522	0.36145507
28	0.359164909	0.308704757	0.017613376	0.01767950	0.01449910
29	0.047479118	0.000000000	0.000000000	0.000000000	0.000000000
40	0.007447118	0.005476851	0.00282110	0.012681267	0.334566440
41	0.032144162	0.004905334	0.308464383	0.015607206	0.017069813
42	0.001193855	0.331576519	0.006667176	0.012716736	0.017483817
43	0.001247655	0.002545312	0.005134734	0.009000898	0.017547737
44	0.000927853	0.014594745	0.006061416	0.007770110	0.011555128
45	0.004945155	0.000000000	0.000000000	0.000000000	0.000000000
46	0.005753530	0.001183188	0.003445222	0.004887779	0.003183141
47	0.000001774	0.000912523	0.001635000	0.003879350	0.007400035
48	0.003112076	0.000000000	0.000000000	0.000000000	0.000000000
49	0.003137976	0.000545101	0.000184459	0.002405877	0.004811161
50	0.003182362	0.000423374	0.000091257	0.003049485	0.001884111

P(U ≤ U*) (CONTINUED)

M = 37

U*	32	33	34	35	36
N					
37	0.099063941	0.145669299	0.206838841	0.278802986	0.363466699
38	0.081707649	0.127366620	0.176972564	0.242820909	0.322179028
39	0.067136508	0.107509913	0.150910636	0.210659765	0.284389443
40	0.055221895	0.085674879	0.128309056	0.182228751	0.250089380
41	0.045282596	0.071463487	0.108813941	0.157149324	0.219185181
42	0.037085066	0.059511351	0.092077156	0.135178468	0.191521207
43	0.030341278	0.049491091	0.077766985	0.116027607	0.166899648
44	0.024805170	0.041113048	0.065574864	0.099389728	0.145046928
45	0.020268378	0.034123957	0.055219078	0.085000424	0.125876782
46	0.016555750	0.028304614	0.046446242	0.072591530	0.109000334
47	0.013520954	0.023466846	0.039031211	0.061919984	0.094233544
48	0.011042357	0.019450236	0.032776932	0.052764475	0.081352472
49	0.009016987	0.016118812	0.027507623	0.044925830	0.070146745
50	0.007368723	0.013357886	0.023076664	0.038226524	0.060421657

P(U ≤ U*) (CONTINUED)

M = 37

U*	37	38	39	40	41
N					
37	0.452833950	0.547166050	0.636533301	0.721197014	0.793161169
38	0.408160325	0.501224662	0.591849675	0.680025364	0.757179091
39	0.366266873	0.457914452	0.547761831	0.638257932	0.719704424
40	0.327375096	0.414936894	0.504776183	0.596447558	0.681243581
41	0.291559764	0.375230909	0.463305799	0.555089105	0.642832466
42	0.258818881	0.338115365	0.423672099	0.514610449	0.603275341
43	0.229382699	0.303670955	0.386110006	0.475468574	0.564626547
44	0.202750137	0.271926130	0.350779327	0.437649736	0.526691906
45	0.178107693	0.242828583	0.317768572	0.401672674	0.489771982
46	0.156534050	0.216316407	0.287111403	0.367593923	0.454112738
47	0.137318292	0.192271292	0.258793445	0.335514431	0.419907625
48	0.120263913	0.175557612	0.232762476	0.305486829	0.387301164
49	0.105175803	0.151024943	0.208979645	0.277522846	0.356393526
50	0.091964763	0.137514889	0.187221632	0.251600498	0.327245666

P(U ≤ U*) (CONTINUED)

M = 37

U*	42	43	44	45	46
N					
37	0.854330701	0.900936059	0.936444403	0.960655478	0.977162689
38	0.824663493	0.877633380	0.912379709	0.948501040	0.969180535
39	0.792780025	0.851936465	0.896659307	0.943368828	0.965110261
40	0.759164250	0.824098140	0.877812162	0.918097678	0.948062111
41	0.724199447	0.794414076	0.853854693	0.899786080	0.934787769
42	0.688302639	0.763207752	0.827000501	0.879522253	0.919676829
43	0.651876206	0.730816376	0.800457853	0.857437005	0.902761705
44	0.615399723	0.697578410	0.771518721	0.833695800	0.884109647
45	0.578920091	0.663823051	0.74448616	0.80848876	0.863821148
46	0.543066032	0.629861867	0.715276987	0.782025615	0.842024466
47	0.507945071	0.595682517	0.6790029178	0.754526143	0.818870147
48	0.473842548	0.562444442	0.647217676	0.72614781	0.794525403
49	0.440922311	0.529476256	0.615466817	0.697314133	0.769128894
50	0.409128733	0.497274850	0.583149880	0.668740042	0.742984045

P(U ≤ U*) (CONTINUED)

M = 37

U*	47	48	49	50	51
N					
37	0.987110556	0.993176349	0.996495511	0.998434012	0.999405551
38	0.982196622	0.988176162	0.991498101	0.993757081	0.995844687
39	0.974978222	0.980954484	0.984265316	0.986369355	0.987426311
40	0.964555444	0.971460066	0.974771666	0.97674797	0.977845403
41	0.951145313	0.958060658	0.96137017	0.96327718	0.964810233
42	0.934843187	0.942867445	0.94714668	0.949917326	0.951674864
43	0.916267473	0.9250262707	0.93466240	0.94533770	0.95706230
44	0.897468710	0.907346292	0.917974961	0.929749661	0.942927230
45	0.87124665	0.882408036	0.894163576	0.907429686	0.921691916
46	0.840384408	0.852680547	0.865445171	0.879756981	0.895637313
47	0.8053889	0.81892670	0.83354446	0.849475927	0.866818539
48	0.765460911	0.780761609	0.797475628	0.81565689	0.835393670
49	0.711650742	0.728109314	0.745935027	0.765132210	0.785818181
50	0.640781921	0.658333654	0.676864479	0.696368792	0.716852858

P(U ≤ U*) (CONTINUED)

M = 37

U*	52	53	54	55	56
37	0.999708809	0.999883730	0.999957734	0.999985143	0.999995295
38	0.999910584	0.999796269	0.999922391	0.999971439	0.999990470
39	0.999921278	0.999959637	0.999964886	0.999948083	0.999981819
40	0.999880631	0.999454689	0.999774089	0.999910130	0.999967087
41	0.998175477	0.999158103	0.999637788	0.999850981	0.999943102
42	0.997152215	0.998742377	0.999439438	0.999762151	0.999905579
43	0.996261590	0.998176015	0.999159524	0.999635066	0.999848925
44	0.994850907	0.997423919	0.998775263	0.999450934	0.999766062
45	0.991085254	0.996447949	0.998260727	0.999200686	0.999648285
46	0.990848842	0.995207628	0.997587114	0.998649866	0.999485154
47	0.988146401	0.993660962	0.996723134	0.998424340	0.999264442
48	0.984904569	0.991765111	0.995635505	0.997857271	0.998972136
49	0.981073204	0.989478411	0.994289516	0.997140573	0.998597430
50	0.976606576	0.986754079	0.992647622	0.996249624	0.998108138

P(U ≤ U*) (CONTINUED)

M = 37

U*	57	58	59	60	61
47	0.999998548	0.99999607	0.99999846	0.99999976	0.99999994
48	0.99999627	0.999994111	0.99999752	0.99999935	0.99999985
49	0.999993868	0.999998128	0.999999650	0.999999855	0.999999961
50	0.999998446	0.999996702	0.999998863	0.999999884	0.999999916
51	0.999997292	0.999993040	0.999997780	0.999999350	0.999999810
52	0.999994487	0.999987518	0.999995884	0.999998715	0.999999617
53	0.999994146	0.999978606	0.999997105	0.999997655	0.999999305
54	0.999992745	0.999964615	0.999987578	0.999995817	0.999998777
55	0.999986094	0.999943449	0.999979544	0.999992889	0.999997764
56	0.999784163	0.999912310	0.999967546	0.999988269	0.999996211
57	0.999684493	0.999877710	0.999949871	0.999981245	0.999991725
58	0.999544477	0.999805441	0.999924597	0.999970854	0.999990115
59	0.999370300	0.999720118	0.999884291	0.999955882	0.999984737
60	0.999136454	0.999606128	0.999841013	0.999934775	0.999976969

P(U ≤ U*) (CONTINUED)

M = 37

U*	62	63	64	65	66
47	0.999999994	1.000000000	1.000000000	1.000000000	1.000000000
48	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
49	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
50	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
51	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
52	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
53	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
54	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
55	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
56	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
57	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
58	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
59	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000
60	0.999999999	0.999999999	0.999999999	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 37

U*	67	68	69	70	71
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
51	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
52	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
53	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
54	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
55	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
56	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
57	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
58	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
59	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
60	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 37

N	72	73	74
37	1.000000000	1.000000000	1.000000000
40	.	.	.
50	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 38

N	2	3	4	5	6
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 38

N	7	8	9	10	11
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 38

N	12	13	14	15	16
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 38

N	17	18	19	20	21
38	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
39	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

PIU S (U) (CONTINUED)

M = 18

N	PIU S (U)				
	27	28	29	30	31
18	0.000054254	0.000140670	0.000152784	0.000812365	0.001808174
19	0.000016259	0.000097261	0.000486664	0.000882574	0.001196994
20	0.000025776	0.000067760	0.000175764	0.000418770	0.001196994
21	0.000017154	0.000041034	0.000124520	0.000401767	0.000706588
22	0.000011461	0.00002361	0.000064150	0.00018011	0.000518436
23	0.000005749	0.000011609	0.000032604	0.000157916	0.00048111
24	0.000002009	0.000005394	0.000015171	0.000114694	0.000409006
25	0.000000806	0.000002245	0.000007318	0.000084528	0.000307417
26	0.000000472	0.000001176	0.000003640	0.000046670	0.00015824
27	0.000000180	0.000000573	0.000001288	0.000024804	0.000084685
28	0.000000088	0.000000286	0.000000646	0.00001257	0.000041118
29	0.000000044	0.000000143	0.000000323	0.000006289	0.000020559

PIU S (U) (CONTINUED)

M = 18

N	PIU S (U)				
	27	28	29	30	31
18	0.001223094	0.001705581	0.013718508	0.016550664	0.041146647
19	0.001765588	0.002600661	0.013562045	0.019240854	0.041781651
20	0.001811800	0.002378841	0.008119799	0.018076024	0.042618388
21	0.001147549	0.001411562	0.004824468	0.01806318	0.040860427
22	0.000388463	0.0001865878	0.001705894	0.037249818	0.016613788
23	0.000041890	0.000016312	0.0000071788	0.004844788	0.001725507
24	0.000000940	0.0000001647	0.000000040	0.000000000	0.000000000
25	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
26	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
27	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
28	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
29	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
30	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
31	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

PIU S (U) (CONTINUED)

M = 18

N	PIU S (U)				
	27	28	29	30	31
18	0.066578729	0.101869156	0.149669592	0.209094708	0.283400064
19	0.094192718	0.089071862	0.126166578	0.179381650	0.246650174
20	0.035596606	0.057487262	0.080889190	0.153487984	0.14440551
21	0.008085999	0.04105417	0.07459802	0.11173516	0.1852884
22	0.00145813	0.008719431	0.067091401	0.094199864	0.138586111
23	0.018205704	0.02608721	0.051767149	0.079964168	0.119146719
24	0.012799497	0.01394617	0.03851161	0.057117788	0.087586689
25	0.003037553	0.01474781	0.024780509	0.048186730	0.074011935
26	0.000646845	0.01178014	0.020464681	0.034036400	0.058086637
27	0.000276843	0.006855294	0.017349769	0.028791822	0.046526677

PIU S (U) (CONTINUED)

M = 18

N	PIU S (U)				
	27	28	29	30	31
18	0.364067480	0.484687493	0.64812507	0.848037820	1.113500011
19	0.37891124	0.413691088	0.530000000	0.801801961	1.0676718726
20	0.31926066	0.31015687	0.416866610	0.81960310	0.635407893
21	0.21747084	0.20406613	0.27627858	0.664408034	0.68128484
22	0.169720172	0.21110581	0.19031134	0.425377300	0.51330110
23	0.147450416	0.205151085	0.273685851	0.454478111	0.417131014
24	0.111787424	0.180831801	0.246614365	0.419475385	0.401799046
25	0.096440582	0.139716585	0.194163981	0.388806828	0.368120887
26	0.084477700	0.122455008	0.17246956	0.341189344	0.336670736
27	0.071336768	0.107189226	0.151461897	0.310388749	0.278261516

PTU < 10% (CONTINUED)

M = 48

IT	42	43	44	45	46
N					
38	0.790906292	0.850340408	0.898456444	0.933621271	0.958865363
39	0.75509452	0.80618150	0.87008165	0.91548458	0.946535718
40	0.718029658	0.788848114	0.844467668	0.89613760	0.932132301
41	0.679856311	0.755406171	0.81524453	0.874118540	0.915647378
42	0.641162531	0.72064074	0.791863874	0.850035529	0.897173331
43	0.602390376	0.685114177	0.760666554	0.824199238	0.876648824
44	0.563940242	0.64905508	0.728792945	0.796725645	0.854353181
45	0.526164123	0.612881275	0.685066172	0.767511876	0.830399567
46	0.489367209	0.576925483	0.661311661	0.738026459	0.804977566
47	0.453782241	0.541483146	0.627338738	0.707340540	0.778254475
48	0.419620997	0.506810695	0.593436276	0.676120324	0.750573608
49	0.387027356	0.47323766	0.559857928	0.644620858	0.722036474
50	0.356136419	0.440598455	0.526839809	0.614081163	0.692907871

PTU < 10% (CONTINUED)

M = 48

IT	47	48	49	50	51
N					
38	0.975459416	0.986281492	0.993404417	0.99676956	0.998191877
39	0.967162349	0.981048441	0.989437955	0.994500592	0.99734416
40	0.957181721	0.974519336	0.985187845	0.992138028	0.995918131
41	0.945439806	0.966855599	0.983235207	0.990981146	0.994163084
42	0.931897793	0.957244908	0.976145284	0.985233347	0.991484964
43	0.916561119	0.946400686	0.966750076	0.98048287	0.989002710
44	0.899457992	0.933768066	0.958074577	0.974755516	0.984311316
45	0.883681404	0.918647183	0.948066014	0.967565445	0.978104677
46	0.86784984	0.903947742	0.936696562	0.960044544	0.974591171
47	0.853453134	0.888674085	0.923961799	0.950955067	0.968850696
48	0.839315503	0.874809488	0.909877992	0.940816255	0.962825318
49	0.825137349	0.860111243	0.894848782	0.929164099	0.954827534
50	0.810929326	0.846008031	0.877837270	0.916458492	0.945811062

PTU < 10% (CONTINUED)

M = 48

IT	52	53	54	55	56
N					
38	0.999187635	0.999647216	0.999859330	0.999945747	0.999980954
39	0.998708557	0.99947426	0.999757635	0.999902539	0.999964141
40	0.998324188	0.999077217	0.999600615	0.999833237	0.999935903
41	0.997977708	0.998591233	0.999167310	0.999726192	0.999900570
42	0.997680763	0.997918577	0.998322591	0.99868513	0.998920548
43	0.997465566	0.997013685	0.997565665	0.997416555	0.997181455
44	0.997271622	0.996587687	0.997043945	0.996955111	0.996658461
45	0.997071233	0.996105576	0.996709713	0.99656676	0.996356493
46	0.99686119570	0.995105538	0.995616241	0.995027750	0.994567502
47	0.996720304	0.994042031	0.994646752	0.994250203	0.993879810
48	0.996561119	0.993191490	0.993794366	0.993451204	0.993174878
49	0.9963719949	0.992155545	0.992860918	0.992518048	0.992256915
50	0.9961893708	0.991979763	0.992635368	0.9923740629	0.992110028

PTU < 10% (CONTINUED)

M = 48

IT	57	58	59	60	61
N					
38	0.999993528	0.999998019	0.999999413	0.999999845	0.999999983
39	0.999993741	0.999998534	0.999998716	0.999999641	0.999999933
40	0.999993961	0.999998756	0.999998775	0.999999244	0.999999779
41	0.9999941907	0.999998931	0.999998936	0.999998827	0.999999411
42	0.999994430	0.999999144	0.999999178	0.999999080	0.999999567
43	0.999994617	0.999999335	0.999999373	0.999999473	0.999999837
44	0.9999948708	0.999999507	0.999999503	0.999999310	0.999999833
45	0.999995021	0.999999641	0.999999548	0.9999993649	0.999999443
46	0.99999524	0.999999750	0.999999686	0.999999343	0.999999683
47	0.999995459	0.999999831	0.999999804	0.999999378	0.999999690
48	0.9999956111	0.99999991679	0.999999876	0.999999388	0.999999746
49	0.999995743	0.999999944	0.999999896	0.999999316	0.9999997650
50	0.999995878	0.999999978	0.999999929	0.99999937	0.999999774

$N = 38$

	62	63	64	65	66
38	0.99997991	0.99999998	1.0000000000	1.0000000000	1.0000000000
39	0.99999977	0.99999995	0.99999999	1.0000000000	1.0000000000
40	0.99999944	0.99999986	0.99999997	0.99999999	1.0000000000
41	0.99999974	0.99999996	0.99999993	0.99999998	1.0000000000
42	0.999999735	0.999999929	0.999999983	0.999999946	0.999999939
43	0.999999673	0.999999854	0.999999962	0.999999991	0.999999938
44	0.999999003	0.999999918	0.999999922	0.999999981	0.999999956
45	0.99998195	0.99999465	0.99999868	0.99999936	0.999999930
46	0.999996853	0.999990041	0.999999715	0.999999925	0.999999981
47	0.999994708	0.999998345	0.999999487	0.999999862	0.999999963
48	0.999991381	0.999999755	0.999999755	0.999999975	0.999999993
49	0.999986305	0.999999530	0.999998509	0.999999580	0.999999987
50	0.999979005	0.999999295	0.999997573	0.999999300	0.999999986

4 - 38

	67	68	69	70	71
38	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
43	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
44	0.9999999999	1.0000000000	1.0000000000	1.0000000000	1.0000000000
45	0.9999999998	1.0000000000	1.0000000000	1.0000000000	1.0000000000
46	0.9999999996	0.9999999999	1.0000000000	1.0000000000	1.0000000000
47	0.9999999992	0.9999999998	1.0000000000	1.0000000000	1.0000000000
48	0.9999999988	0.9999999996	0.9999999999	1.0000000000	1.0000000000
49	0.9999999971	0.9999999992	0.9999999999	1.0000000000	1.0000000000
50	0.9999999948	0.9999999986	0.9999999997	0.9999999999	1.0000000000

H = 38

N	72	73	74	75	76
38	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
	:	:	:	:	:
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

M = 39

N	2	3	4	5	6
39	0,000000000	0,000000000	0,000000000	0,000000000	0,000000000
40	0,000000000	0,000000000	0,000000000	0,000000000	0,000000000
50	0,000000000	0,000000000	0,000000000	0,000000000	0,000000000

N = 39

	7	8	9	10	11
79	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
:	:	:	:	:	:
53	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 39

U*	12	13	14	15	16
N					
39	0.000000000	0.000000000	0.000000001	0.000000003	0.000000015
40	0.000000000	0.000000000	0.000000000	0.000000002	0.000000009
41	0.000000000	0.000000000	0.000000000	0.000000001	0.000000006
42	0.000000000	0.000000000	0.000000000	0.000000001	0.000000004
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 39

U*	17	18	19	20	21
N					
39	0.000000060	0.000000236	0.000000822	0.000002774	0.000008437
40	0.000000038	0.000000150	0.000000529	0.000001814	0.000005606
41	0.000000024	0.000000095	0.000000342	0.000001192	0.000003742
42	0.000000015	0.000000061	0.000000223	0.000000788	0.000002510
43	0.000000010	0.000000039	0.000000146	0.000000523	0.000001691
44	0.000000006	0.000000026	0.000000096	0.000000349	0.000001145
45	0.000000004	0.000000017	0.000000063	0.000000234	0.000000778
46	0.000000003	0.000000011	0.000000042	0.000000157	0.000000531
47	0.000000002	0.000000007	0.000000028	0.000000106	0.000000365
48	0.000000001	0.000000003	0.000000019	0.000000072	0.000000251
49	0.000000001	0.000000003	0.000000013	0.000000049	0.000000174
50	0.000000000	0.000000002	0.000000009	0.000000034	0.000000121

P(U ≤ U*) (CONTINUED)

M = 39

U*	22	23	24	25	26
N					
39	0.000024859	0.000066660	0.000173063	0.000412470	0.000951134
40	0.000016788	0.000045760	0.000120830	0.000292766	0.000686726
41	0.000011383	0.000031528	0.000084573	0.000208366	0.000496781
42	0.000007750	0.000021803	0.000059393	0.000148670	0.000360115
43	0.000005298	0.000015134	0.000041840	0.000106381	0.000261613
44	0.000003636	0.000010541	0.000029568	0.000076336	0.000190483
45	0.000002505	0.000007373	0.000020462	0.000054934	0.000139015
46	0.000001733	0.000005175	0.000014908	0.000039646	0.000101695
47	0.000001204	0.000003655	0.000010636	0.000028696	0.000074775
48	0.000000859	0.000002577	0.000007613	0.000020831	0.000054623
49	0.000000587	0.000001828	0.000005466	0.000015166	0.000040402
50	0.000000413	0.000001302	0.000003937	0.000011074	0.000029850

P(U ≤ U*) (CONTINUED)

M = 39

U*	27	28	29	30	31
N					
39	0.002028444	0.004183122	0.008030727	0.014901449	0.025894605
40	0.001489799	0.003126248	0.006106924	0.011533955	0.020398027
41	0.001094839	0.002388328	0.004645809	0.008924750	0.016056426
42	0.000807404	0.001750775	0.003436443	0.006905627	0.012633241
43	0.000595358	0.001312413	0.002694147	0.005344298	0.009937893
44	0.000440717	0.000985117	0.002054455	0.004137582	0.007817772
45	0.000326580	0.000740518	0.001568392	0.003205135	0.006151271
46	0.000242499	0.000557518	0.001198805	0.002484596	0.004841877
47	0.000180450	0.000420432	0.000917539	0.001927667	0.003813245
48	0.000145771	0.000331760	0.000703269	0.001457018	0.003005141
49	0.000100580	0.000240248	0.000539850	0.001163813	0.002370152
50	0.000075344	0.000182220	0.000415057	0.000905815	0.001870971

P(U ≤ U*) (CONTINUED)

M = 39

N	32	33	34	35	36
39	0.043483654	0.068767912	0.105114034	0.152150191	0.213020512
40	0.034870029	0.056125783	0.087331039	0.128632112	0.183268304
41	0.027923468	0.045724031	0.072378520	0.108440476	0.157137951
42	0.022336492	0.037194595	0.059860783	0.091193454	0.134329797
43	0.017853011	0.030220383	0.044207228	0.076527097	0.114529164
44	0.014261578	0.024531392	0.04074590	0.064103345	0.097421190
45	0.011388847	0.019899907	0.033544247	0.053614393	0.082701401
46	0.009093556	0.016135400	0.027595003	0.044784409	0.070082773
47	0.007261156	0.013079505	0.022682476	0.037369371	0.059300030
48	0.005799138	0.010601320	0.018634060	0.031155885	0.050111840
49	0.004633048	0.008593134	0.015302298	0.025958029	0.042301459
50	0.003703133	0.006966670	0.012563351	0.021616805	0.035676287

P(U ≤ U*) (CONTINUED)

M = 39

N	37	38	39	40	41
39	0.284035886	0.366887156	0.454099019	0.545900981	0.633112844
40	0.248528199	0.326435361	0.410493088	0.501132999	0.589506912
41	0.216657087	0.289223397	0.369489318	0.457971136	0.546452954
42	0.188250227	0.255351206	0.33281261	0.416785893	0.504424091
43	0.163087360	0.224664782	0.295964956	0.377840753	0.463810341
44	0.140919488	0.197066227	0.263555786	0.341321353	0.424919337
45	0.121484078	0.172386341	0.234004871	0.307326691	0.387980693
46	0.104516657	0.150428502	0.207214206	0.275891205	0.35152828
47	0.089759278	0.130980794	0.183050077	0.246994810	0.320531254
48	0.076966394	0.113825585	0.161354542	0.220574295	0.290157505
49	0.065908616	0.098746825	0.141954968	0.196533675	0.262029123
50	0.056374969	0.085535375	0.124671711	0.174753295	0.236103237

P(U ≤ U*) (CONTINUED)

M = 39

N	42	43	44	45	46
39	0.715964114	0.786979488	0.847849809	0.894885966	0.931232088
40	0.675614828	0.751471801	0.818249368	0.871367888	0.913586763
41	0.634711568	0.714568409	0.786617889	0.845567464	0.893690072
42	0.593774342	0.676742432	0.75328361	0.817730165	0.871530198
43	0.553259649	0.638449467	0.718771295	0.788140147	0.847385793
44	0.513572083	0.600114244	0.683339076	0.757106712	0.821416961
45	0.475050354	0.562120015	0.647412744	0.724951566	0.793855426
46	0.437968922	0.524804446	0.611351480	0.691997580	0.764954584
47	0.402540375	0.488454692	0.575484779	0.658558953	0.734980001
48	0.368919777	0.453307926	0.540107164	0.624933692	0.704200765
49	0.337210231	0.419597866	0.504751445	0.591397673	0.672881957
50	0.307469495	0.387331737	0.471805084	0.558200302	0.641278378

P(U ≤ U*) (CONTINUED)

M = 39

N	47	48	49	50	51
39	0.956516346	0.974105395	0.985098551	0.991469273	0.995816878
40	0.943874217	0.965582221	0.979601973	0.988646975	0.993893076
41	0.929189391	0.953366689	0.972818222	0.984071130	0.991360475
42	0.912465005	0.938382277	0.960637816	0.979130264	0.988115581
43	0.893751950	0.920590526	0.94976184	0.972708813	0.984057696
44	0.873144769	0.903921110	0.941776629	0.965051284	0.975092563
45	0.850775987	0.886253633	0.931011835	0.956085538	0.973135656
46	0.82680945	0.877562134	0.916884005	0.945761072	0.961115019
47	0.801433086	0.856906966	0.900823787	0.934050330	0.957973440
48	0.774891852	0.834789147	0.883488201	0.920949009	0.948670908
49	0.747280679	0.811595111	0.866651795	0.906475515	0.938180982
50	0.718938319	0.786782798	0.847733290	0.896669655	0.926500020

P(U ≤ U*) (CONTINUED)

M = 39

U*	52	53	54	55	56
N					
39	0.997971536	0.999048866	0.999587530	0.999826937	0.999933340
40	0.996932196	0.998510201	0.999328426	0.999707234	0.999882327
41	0.995513940	0.997750421	0.998948536	0.999525406	0.999801515
42	0.993634305	0.996712055	0.998410124	0.999259158	0.999678634
43	0.991207492	0.995352374	0.997669807	0.998881810	0.999457430
44	0.988147053	0.993544925	0.996679173	0.998362380	0.999239453
45	0.984368674	0.991281301	0.995385674	0.997665880	0.998881991
46	0.979792871	0.988475047	0.993733759	0.996753798	0.998399123
47	0.974347480	0.985053584	0.991666177	0.995584750	0.997761736
48	0.967969817	0.980960074	0.989125377	0.994115285	0.996937859
49	0.960608428	0.976135121	0.986054953	0.992300773	0.995893143
50	0.952246365	0.970528260	0.982401043	0.990096366	0.994591412

P(U ≤ U*) (CONTINUED)

M = 39

U*	57	58	59	60	61
N					
39	0.999975141	0.999991563	0.999997226	0.999999178	0.999999764
40	0.999954240	0.999983720	0.999994394	0.999998250	0.999999471
41	0.999919847	0.999970209	0.999989311	0.999996497	0.999998893
42	0.999865611	0.999947069	0.999982628	0.999993359	0.999997815
43	0.999783234	0.999912818	0.999968429	0.999987997	0.999995005
44	0.999662328	0.999859222	0.999944090	0.999979208	0.999992670
45	0.999490046	0.999780113	0.999910143	0.999965328	0.999987402
46	0.999251167	0.999666696	0.999860131	0.999944127	0.999979125
47	0.998927978	0.999508322	0.999788489	0.999912700	0.999966525
48	0.998500356	0.999292405	0.999688429	0.999867370	0.999947893
49	0.997945922	0.999004387	0.999551869	0.999803585	0.999921052
50	0.997240278	0.998627779	0.999369375	0.999715838	0.999883295

P(U ≤ U*) (CONTINUED)

M = 39

U*	62	63	64	65	66
N					
39	0.999999940	0.999999985	0.999999997	0.999999999	1.000000000
40	0.999999857	0.999999962	0.999999991	0.999999998	1.000000000
41	0.999999683	0.999999913	0.999999978	0.999999995	0.999999999
42	0.999999342	0.999999811	0.999999951	0.999999988	0.999999997
43	0.999998709	0.999999614	0.999999894	0.999999972	0.999999993
44	0.999997586	0.999999252	0.999999784	0.999999942	0.999999985
45	0.999995680	0.999998617	0.999999582	0.999999884	0.999999969
46	0.999992564	0.999997549	0.999999327	0.999999778	0.999999939
47	0.999987641	0.999995815	0.999998628	0.999999594	0.999999883
48	0.999980103	0.999993090	0.999997649	0.999999287	0.999999785
49	0.999968878	0.999988534	0.999996101	0.999998788	0.999999621
50	0.999952588	0.999982763	0.999993723	0.999998004	0.999999353

P(U ≤ U*) (CONTINUED)

M = 39

U*	67	68	69	70	71
N					
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
43	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
44	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
45	0.999999993	0.999999998	1.000000000	1.000000000	1.000000000
46	0.999999985	0.999999996	0.999999999	1.000000000	1.000000000
47	0.999999970	0.999999993	0.999999998	1.000000000	1.000000000
48	0.999999944	0.999999985	0.999999997	0.999999999	1.000000000
49	0.999999919	0.999999972	0.999999994	0.999999999	1.000000000
50	0.999999823	0.999999946	0.999999988	0.999999997	0.999999999

P(U ≤ U*) (CONTINUED)

M = 39

N	72	73	74	75	76
39	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 39

N	77	78
39	1.000000000	1.000000000
40	1.000000000	1.000000000
50	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 40

N	2	3	4	5	6
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 40

N	7	8	9	10	11
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 40

N	12	13	14	15	16
40	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 40

N	17	18	19	20	21
40	0.000000023	0.000000094	0.000000336	0.000001172	0.000003678
41	0.000000014	0.000000059	0.000000215	0.000000761	0.000002425
42	0.000000009	0.000000037	0.000000138	0.000000496	0.000001606
43	0.000000006	0.000000024	0.000000089	0.000000325	0.000001069
44	0.000000004	0.000000015	0.000000058	0.000000214	0.000000715
45	0.000000002	0.000000008	0.000000038	0.000000142	0.000000480
46	0.000000001	0.000000004	0.000000019	0.000000075	0.000000234
47	0.000000001	0.000000004	0.000000016	0.000000063	0.000000220
48	0.000000001	0.000000003	0.000000011	0.000000042	0.000000150
49	0.000000000	0.000000002	0.000000007	0.000000029	0.000000102
50	0.000000000	0.000000001	0.000000005	0.000000019	0.000000070

P(U ≤ U*) (CONTINUED)

M = 40

N	22	23	24	25	26
40	0.000011197	0.000031020	0.000083280	0.000205220	0.000489740
41	0.000007499	0.000021108	0.000057595	0.000144250	0.000349992
42	0.000005064	0.000014419	0.000039960	0.000101682	0.000250688
43	0.000003407	0.000009888	0.000027815	0.000071885	0.000179945
44	0.000002310	0.000006807	0.000019425	0.000050970	0.000129484
45	0.000001573	0.000004704	0.000013610	0.000036249	0.000093402
46	0.000001076	0.000003292	0.000009568	0.000025858	0.000067544
47	0.000000739	0.000002292	0.000006749	0.000018501	0.000048470
48	0.000000509	0.000001588	0.000004776	0.000013278	0.000035595
49	0.000000352	0.000001114	0.000003391	0.000009558	0.000025941
50	0.000000245	0.000000784	0.000002416	0.000006902	0.000018653

P(U ≤ U*) (CONTINUED)

M = 40

N	27	28	29	30	31
40	0.001080587	0.002308024	0.004587364	0.008820425	0.015875526
41	0.000785216	0.001705579	0.003447694	0.006744094	0.012347075
42	0.000571561	0.001261833	0.002593071	0.005156939	0.009600975
43	0.000416845	0.000934764	0.001952105	0.003944207	0.007464419
44	0.000304629	0.000693479	0.001471180	0.003018645	0.005804083
45	0.000223096	0.000515287	0.001110105	0.002311666	0.004514529
46	0.000163745	0.000383525	0.000838784	0.001771730	0.003513228
47	0.000120454	0.000285960	0.000634702	0.001355210	0.002732773
48	0.000088814	0.000213606	0.000481019	0.001043859	0.002132017
49	0.000065638	0.000159863	0.000365140	0.000802616	0.001662984
50	0.000048625	0.000119876	0.000277645	0.000617904	0.001298421

P(U ≤ U*) (CONTINUED)

M = 40

N	32	33	34	35	36
40	0.027634028	0.045271781	0.071728411	0.107522675	0.155950238
41	0.021870910	0.036452405	0.058772284	0.089625543	0.131256329
42	0.017292576	0.029310703	0.048058982	0.074527138	0.111820077
43	0.013663005	0.022542002	0.039232174	0.061844481	0.094310649
44	0.010790361	0.018893063	0.031982042	0.051230541	0.074355995
45	0.008519734	0.015153354	0.026042505	0.042376231	0.066641329
46	0.006726706	0.012149451	0.021187358	0.035010041	0.055869157
47	0.005311798	0.009739342	0.017225915	0.028896162	0.046770610
48	0.004195765	0.007807323	0.013998565	0.023831715	0.039106314
49	0.00315668	0.006259512	0.011372505	0.019643522	0.032664843
50	0.002261649	0.005019949	0.009237787	0.016184733	0.027261903

P(U ≤ U*) (CONTINUED)

M = 40

U*	37	38	39	40	41
N					
40	0.215139415	0.287481780	0.367439130	0.455813043	0.544186957
41	0.185544812	0.252122521	0.327460455	0.412665168	0.500000000
42	0.154492664	0.220281008	0.290667510	0.371999282	0.457397643
43	0.136697036	0.191809359	0.251073952	0.334017473	0.416731757
44	0.116856599	0.166510178	0.226617142	0.298828025	0.378259997
45	0.099668822	0.144154834	0.199177006	0.266460559	0.342154555
46	0.084840152	0.124498274	0.174592631	0.236881072	0.308512779
47	0.072092914	0.107290267	0.152676328	0.210006089	0.277366559
48	0.061169597	0.092284499	0.133225159	0.185715395	0.248703678
49	0.051835127	0.079244209	0.116030082	0.163763106	0.222458500
50	0.043877652	0.067946559	0.100882958	0.144286998	0.198542048

P(U ≤ U*) (CONTINUED)

M = 40

U*	42	43	44	45	46
N					
40	0.632560870	0.712518220	0.784660585	0.844049792	0.892677325
41	0.589464949	0.672539545	0.749629524	0.814455188	0.868927863
42	0.546862593	0.632067306	0.713011784	0.782918379	0.843125015
43	0.505216806	0.591595067	0.675465249	0.749804729	0.815308948
44	0.464913357	0.551566117	0.637433208	0.715494200	0.785749092
45	0.426258996	0.512365923	0.599331059	0.680366753	0.754754297
46	0.389487752	0.474318676	0.561574617	0.644790107	0.722637525
47	0.354763736	0.437687141	0.524383179	0.609110040	0.686971613
48	0.322190008	0.402675337	0.488159135	0.573643233	0.656301411
49	0.291818445	0.369431221	0.453101050	0.538672466	0.622688038
50	0.263668109	0.338075055	0.419400702	0.504443899	0.586150958

P(U ≤ U*) (CONTINUED)

M = 40

U*	47	48	49	50	51
N					
40	0.928271589	0.954728319	0.972365972	0.984124474	0.991179575
41	0.910374457	0.941884169	0.963547095	0.978426681	0.987652025
42	0.890243253	0.927004583	0.953043858	0.971424523	0.983188149
43	0.867792974	0.910092506	0.947900881	0.963000779	0.976773949
44	0.843185743	0.891197835	0.927676904	0.953096955	0.971008190
45	0.817821978	0.870413543	0.910952873	0.941631266	0.963106175
46	0.790330933	0.847870330	0.893422352	0.928585316	0.953902651
47	0.761561235	0.823710238	0.874242553	0.913961638	0.943353742
48	0.731771621	0.798817972	0.853519552	0.897791418	0.931438036
49	0.701224334	0.771422600	0.831383619	0.880132415	0.918156476
50	0.670175100	0.743673285	0.807984147	0.861066219	0.903531837

P(U ≤ U*) (CONTINUED)

M = 40

U*	52	53	54	55	56
N					
40	0.995412636	0.997661976	0.998919313	0.999510254	0.999704783
41	0.992165786	0.996552106	0.998272291	0.999214784	0.999657921
42	0.990687460	0.995011986	0.997498365	0.998787472	0.999452179
43	0.987272643	0.992004441	0.996374162	0.998189227	0.999153461
44	0.981019243	0.990410677	0.994888174	0.997375672	0.998733048
45	0.973811813	0.987176929	0.992671337	0.996297756	0.998157630
46	0.971674785	0.983212334	0.990552663	0.994902806	0.997389926
47	0.964375419	0.978440900	0.987561809	0.993135642	0.996388404
48	0.955876106	0.972794770	0.983525775	0.990915889	0.994510960
49	0.946235783	0.966215289	0.979440344	0.988259360	0.993506618
50	0.935381051	0.958655476	0.974485854	0.985039440	0.991512234

P(U ≤ U*) (CONTINUED)

M = 40

U*	57	58	59	60	61
N					
40	0.999916720	0.999968980	0.999988803	0.999996322	0.999998828
41	0.999955750	0.999943926	0.999978892	0.999992731	0.999997575
42	0.999760792	0.999903229	0.999962169	0.999986388	0.999995269
43	0.999618355	0.999839733	0.999935155	0.999975693	0.999991232
44	0.999411736	0.999744134	0.999893169	0.999958388	0.999984476
45	0.999120969	0.999604832	0.999830125	0.999931406	0.999973606
46	0.998722312	0.999407539	0.999736339	0.999890702	0.999956726
47	0.998189358	0.999135374	0.999608382	0.999831106	0.999931332
48	0.997492294	0.998768736	0.999428965	0.999746178	0.999894211
49	0.996598784	0.998285409	0.999186881	0.999628091	0.999841342
50	0.995474367	0.997660733	0.998867004	0.999467540	0.999767809

P(U ≤ U*) (CONTINUED)

M = 40

U*	62	63	64	65	66
N					
40	0.999999664	0.999999906	0.999999977	0.999999994	0.999999999
41	0.999999267	0.999999785	0.999999944	0.999999986	0.999999997
42	0.999998498	0.999999540	0.999999872	0.999999966	0.999999992
43	0.999997088	0.999999071	0.999999729	0.999999924	0.999999981
44	0.999994621	0.999998221	0.999999456	0.999999842	0.999999958
45	0.999990486	0.999996748	0.99999861	0.999998688	0.999999912
46	0.999983813	0.999992698	0.999998103	0.999998411	0.999999827
47	0.999973402	0.999990366	0.999996670	0.999998935	0.999999674
48	0.999957654	0.999984254	0.999994360	0.999998167	0.999999410
49	0.999934487	0.999975049	0.999990751	0.999996885	0.999998970
50	0.999901260	0.999961529	0.999985275	0.999994922	0.999998261

P(U ≤ U*) (CONTINUED)

M = 40

U*	67	68	69	70	71
N					
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
42	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000
43	0.999999995	0.999999999	1.000000000	1.000000000	1.000000000
44	0.999999989	0.999999998	1.000000000	1.000000000	1.000000000
45	0.999999977	0.999999994	0.999999999	1.000000000	1.000000000
46	0.999999953	0.999999988	0.999999997	0.999999999	1.000000000
47	0.999999909	0.999999976	0.999999994	0.999999999	1.000000000
48	0.999999831	0.999999952	0.999999988	0.999999997	0.999999999
49	0.999999697	0.999999911	0.999999978	0.999999994	0.999999999
50	0.999999476	0.999999841	0.999999959	0.999999989	0.999999998

P(U ≤ U*) (CONTINUED)

M = 40

U*	72	73	74	75	76
N					
40	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 40

U*	77	78	79	80
N				
40	1.000000000	1.000000000	1.000000000	1.000000000
41	1.000000000	1.000000000	1.000000000	1.000000000
42	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000

M = 41

	1	2	3	4	5	6
N						
41	:	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
:	:	:	:	:	:	:
50	:	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

$$N = 1$$

N	7	8	9	10	11
41	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
	:	:	:	:	:
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

4 = 41

	12	13	14	15	16
41	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
42	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
43	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
44	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
45	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
46	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
47	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
48	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
50	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000

41

	17	18	19	20	21
41	0.0000000009	0.0000000337	0.0003031146	0.0000004888	0.0000015793
42	0.0000000005	0.0000000223	0.0000000000	0.0000000000	0.0000000000
43	0.0000000003	0.0000000014	0.0000000025	0.0000000704	0.0000000060
44	0.0000000002	0.0000000006	0.0000000015	0.0000000123	0.0000000043
45	0.0000000001	0.0000000003	0.0000000007	0.0000000087	0.0000000048
46	0.0000000001	0.0000000004	0.0000000015	0.0000000076	0.0000000059
47	0.0000000001	0.0000000002	0.0000000010	0.0000000038	0.0000000021
48	0.0000000000	0.0000000002	0.0000000006	0.0000000015	0.0000000009
49	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
50	0.0000000000	0.0000000001	0.0000000003	0.0000000011	0.0000000004

2 = 4

	22	23	24	25	26
41	0.000004562	0.0000314168	0.0300323551	0.0001001652	0.0002747121
42	0.000003297	0.0000039575	0.0000069777	0.0000000000	0.0000000000
43	0.000002201	0.0000036648	0.0000115557	0.0000048729	0.0000247277
44	0.000001475	0.0000004413	0.0000128094	0.0000341466	0.0000082876
45	0.000000963	0.0000003018	0.0000008871	0.0000002697	0.0000002927
46	0.000000071	0.0000002767	0.0000001666	0.0000001692	0.0000000979
47	0.0000000456	0.0000001423	0.0000000430	0.0000001197	0.0000002252
48	0.0000000111	0.0000000000	0.0000000000	0.0000000000	0.0000000000
49	0.0000000072	0.0000000068	0.0000000000	0.0000000046	0.0000001181
50	0.00000000146	0.00000000475	0.00000001440	0.00000004416	0.0000002077

P(U ≤ U*) (CONTINUED)

M = 41

U*	27	28	29	30	31
N					
41	0.000563648	0.000645398	0.000760201	0.000905894	0.000991095
42	0.000405384	0.000910536	0.001902800	0.003851244	0.007293495
43	0.000292101	0.000666670	0.001415689	0.002911815	0.005604843
44	0.000211017	0.000488888	0.001034555	0.002232000	0.004308200
45	0.000152754	0.000359125	0.000786607	0.001667896	0.003312967
46	0.000110834	0.000264278	0.000587607	0.001264013	0.002549184
47	0.000080611	0.000194848	0.000439643	0.000958957	0.001962966
48	0.000058771	0.000143940	0.000329485	0.000728387	0.001512893
49	0.000042954	0.000108567	0.000247358	0.000553965	0.001167178
50	0.000031472	0.000079031	0.000186017	0.000421888	0.000901453

P(U ≤ U*) (CONTINUED)

M = 41

U*	32	33	34	35	36
N					
41	0.017109443	0.029013112	0.047612594	0.073870687	0.110940936
42	0.013372640	0.023061277	0.038496607	0.060741641	0.092787308
43	0.010445644	0.018311945	0.031075735	0.049846114	0.077405387
44	0.008156433	0.014230070	0.024052582	0.040836351	0.064430087
45	0.006368100	0.011523637	0.020175870	0.033408695	0.053527381
46	0.004972251	0.009136815	0.016235555	0.027301237	0.044357164
47	0.003983235	0.007243817	0.013057285	0.022240362	0.036773667
48	0.003034037	0.005743575	0.010497151	0.018186759	0.030424338
49	0.002371802	0.004555181	0.008437268	0.014831294	0.025167705
50	0.001855340	0.003614069	0.006781273	0.012040997	0.020770670

P(U ≤ U*) (CONTINUED)

M = 41

U*	37	38	39	40	41
N					
41	0.158308476	0.218833666	0.288915465	0.370062812	0.455267526
42	0.134624706	0.189221027	0.253874566	0.330400157	0.412665168
43	0.114151085	0.163060290	0.222666169	0.293800961	0.372489233
44	0.096543772	0.140090276	0.193950314	0.260295337	0.334933467
45	0.081469995	0.120030813	0.168799209	0.229838337	0.300102333
46	0.068616395	0.102597188	0.146414527	0.202327553	0.268025291
47	0.057693997	0.087509937	0.126741436	0.177618497	0.238670973
48	0.048440774	0.074502285	0.109479576	0.155538474	0.211960513
49	0.040622321	0.063324944	0.094491333	0.135897237	0.187776618
50	0.034031280	0.053748068	0.081247797	0.118496665	0.164989018

P(U ≤ U*) (CONTINUED)

M = 41

U*	42	43	44	45	46
N					
41	0.544732675	0.629937188	0.711084535	0.781166334	0.841691524
42	0.501052227	0.587334832	0.671512082	0.746125434	0.812215713
43	0.458867464	0.545245751	0.631478149	0.709775778	0.780822833
44	0.418528184	0.504113321	0.591094554	0.672560654	0.747866552
45	0.380294941	0.464706743	0.551490712	0.634407705	0.713716253
46	0.344146931	0.428119287	0.512611104	0.597166884	0.678782777
47	0.310799204	0.393775840	0.478813211	0.559850588	0.639086860
48	0.279667019	0.355433824	0.438130751	0.521299902	0.607748761
49	0.250972357	0.323926331	0.403447179	0.487329616	0.571482418
50	0.224656018	0.293100950	0.370552782	0.452678475	0.537488961

P(U ≤ U*) (CONTINUED)

M = 41

U*	47	48	49	50	51
N					
41	0.889059064	0.926129313	0.952387406	0.970986888	0.982890557
42	0.865375294	0.908102850	0.939258359	0.961957373	0.976938723
43	0.839513879	0.887863481	0.924125683	0.951238395	0.969675038
44	0.811712857	0.865523121	0.907001866	0.938764869	0.960998971
45	0.782245332	0.841239973	0.887944064	0.924508451	0.950834810
46	0.751407224	0.815210206	0.867050129	0.908477759	0.939134206
47	0.719505753	0.787658918	0.844453239	0.890716946	0.925877364
48	0.686848998	0.758831014	0.820315653	0.871302914	0.911072978
49	0.653731271	0.728982472	0.794822022	0.850346148	0.894757054
50	0.620457740	0.698372368	0.768172680	0.827962870	0.876990826

P(U ≤ U*) (CONTINUED)

M = 41

U*	52	53	54	55	56
N					
41	0.990508905	0.994904106	0.997439799	0.998754602	0.999416352
42	0.986817334	0.992706505	0.996713705	0.998097200	0.999107505
43	0.982168576	0.989856906	0.994569705	0.997187927	0.998616029
44	0.976448495	0.986245300	0.992423669	0.995966090	0.997940656
45	0.968656776	0.981736408	0.98689123	0.99166287	0.995044631
46	0.961405700	0.976346124	0.98679928	0.99230028	0.994916661
47	0.951933084	0.969071659	0.981113008	0.989757561	0.994420935
48	0.941004277	0.962455586	0.977110954	0.986609834	0.992520199
49	0.928868212	0.953795546	0.971204397	0.982810264	0.990165423
50	0.915256548	0.943955836	0.964334034	0.978296871	0.987297943

P(U ≤ U*) (CONTINUED)

M = 41

U*	57	58	59	60	61
N					
41	0.999752879	0.999899838	0.999960649	0.999985812	0.999995038
42	0.999546616	0.999829151	0.999910243	0.999973748	0.999990425
43	0.999360081	0.999702050	0.99981719	0.999953669	0.999982443
44	0.999023914	0.999558191	0.99987199	0.999921594	0.999969258
45	0.998556247	0.999325334	0.999696618	0.999872200	0.999948286
46	0.997922881	0.998999241	0.999537466	0.999798599	0.999916096
47	0.997085673	0.998554864	0.999314791	0.999632133	0.999868227
48	0.996003111	0.997463191	0.999010820	0.999542709	0.999799047
49	0.994631055	0.997192226	0.998605286	0.999316174	0.999701626
50	0.992923607	0.996207160	0.998015189	0.999050283	0.999567679

P(U ≤ U*) (CONTINUED)

M = 41

U*	62	63	64	65	66
N					
41	0.999994421	0.999999512	0.999999864	0.999999963	0.999999991
42	0.999996405	0.99999967	0.999999697	0.999999914	0.999999978
43	0.999993881	0.999997938	0.999999165	0.999999811	0.999999949
44	0.999998813	0.999996094	0.999998742	0.999999610	0.999999893
45	0.999990676	0.999992917	0.999997626	0.999999218	0.999999774
46	0.999967150	0.999987745	0.999995714	0.999998570	0.999999559
47	0.999946630	0.999976509	0.999997563	0.999997458	0.999999179
48	0.999915053	0.999966861	0.999998744	0.999998562	0.999998513
49	0.999871155	0.999948008	0.999997709	0.999997214	0.999997464
50	0.999809136	0.999920632	0.999998183	0.999998243	0.999997666

P(U ≤ U*) (CONTINUED)

M = 41

N	67	68	69	70	71
41	0.99999998	1.00000000	1.00000000	1.00000000	1.00000000
42	0.99999999	0.99999999	1.00000000	1.00000000	1.00000000
43	0.99999998	0.99999997	0.99999999	1.00000000	1.00000000
44	0.99999997	0.99999993	0.99999998	1.00000000	1.00000000
45	0.99999996	0.99999983	0.99999996	0.99999999	1.00000000
46	0.99999987	0.99999965	0.99999991	0.99999998	1.00000000
47	0.99999975	0.99999929	0.99999981	0.99999995	0.99999999
48	0.99999954	0.99999864	0.99999963	0.99999990	0.99999998
49	0.99999919	0.99999750	0.99999930	0.99999981	0.99999995
50	0.99999861	0.99999555	0.99999873	0.99999964	0.99999991

P(U ≤ U*) (CONTINUED)

M = 41

N	72	73	74	75	76
41	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
42	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
43	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
44	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
45	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
46	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
47	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
48	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
49	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
50	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

P(U ≤ U*) (CONTINUED)

M = 41

N	77	78	79	80	81
41	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
42	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
43	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
44	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
45	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
46	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
47	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
48	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
49	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
50	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

P(U ≤ U*) (CONTINUED)

M = 41

N	82
41	1.00000000
42	1.00000000
43	1.00000000
44	1.00000000
45	1.00000000
46	1.00000000
47	1.00000000
48	1.00000000
49	1.00000000
50	1.00000000

P(U ≤ U*) (CONTINUED)

M = 42

N	2	3	4	5	6
42	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
44	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
46	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

P(U ≤ U*) (CONTINUED)

M = 42

U*	7	8	9	10	11
N					
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
43	.	.	.	.	.
44	.	.	.	.	.
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 42

U*	12	13	14	15	16
N					
42	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	.	.	.	.	.
45	.	.	.	.	.
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 42

U*	17	18	19	20	21
N					
42	0.000000003	0.000000014	0.000000054	0.000000200	0.000000668
43	0.000000002	0.000000009	0.000000034	0.000000128	0.000000434
44	0.000000001	0.000000006	0.000000022	0.000000083	0.000000284
45	0.000000001	0.000000003	0.000000014	0.000000053	0.000000185
46	0.000000000	0.000000002	0.000000009	0.000000033	0.000000123
47	0.000000000	0.000000001	0.000000006	0.000000023	0.000000081
48	0.000000000	0.000000001	0.000000004	0.000000015	0.000000054
49	0.000000000	0.000000001	0.000000002	0.000000010	0.000000036
50	0.000000000	0.000000000	0.000000002	0.000000007	0.000000024

P(U ≤ U*) (CONTINUED)

M = 42

U*	22	23	24	25	26
N					
42	0.0000002165	0.0000006385	0.000018276	0.000048004	0.000122325
43	0.000001428	0.000004275	0.000012425	0.000033140	0.000085777
44	0.000003046	0.000002874	0.000008478	0.000022953	0.000060307
45	0.000000630	0.000001940	0.000005805	0.000015949	0.000042516
46	0.000000421	0.000001315	0.000003989	0.000011118	0.000030355
47	0.000000283	0.000000895	0.000002751	0.000007776	0.000021306
48	0.000000190	0.000000612	0.000001904	0.000005457	0.000015147
49	0.000000127	0.000000420	0.000001322	0.000003842	0.000010799
50	0.000000088	0.000000269	0.000000822	0.000002714	0.000007721

P(U ≤ U*) (CONTINUED)

M = 42

U*	27	28	29	30	31
N					
42	0.000288117	0.000657960	0.001397647	0.002877022	0.005519895
43	0.000205221	0.000476189	0.001027804	0.002150388	0.004298458
44	0.000146511	0.000345221	0.000756835	0.001608451	0.003198133
45	0.000104846	0.000250729	0.000558125	0.001204178	0.002431679
46	0.000075213	0.000182450	0.000412242	0.000902466	0.001850231
47	0.000054091	0.000133031	0.000305006	0.000677149	0.001309030
48	0.000039000	0.000097198	0.000226366	0.000508745	0.001074101
49	0.000028192	0.000071169	0.000167868	0.000382755	0.000819691
50	0.000020432	0.000052224	0.000124891	0.000288361	0.000626291

P(U ≤ U') (CONTINUED)

M = 42

N	32	33	34	35	36
42	0.010333067	0.018121972	0.030778942	0.049392134	0.076764474
43	0.007980340	0.014227519	0.024570727	0.040085538	0.063348807
44	0.006161754	0.011162865	0.019590664	0.032480238	0.052164543
45	0.004757470	0.008754923	0.012605104	0.022833328	0.040875462
46	0.003673863	0.006665218	0.012421595	0.021246450	0.035185439
47	0.002838059	0.005383517	0.009882726	0.017160858	0.028837006
48	0.002193507	0.004222431	0.007860501	0.013852616	0.023603686
49	0.001696429	0.003312914	0.006251355	0.011177565	0.019311658
50	0.001312996	0.002600564	0.004971836	0.009016946	0.015786148

P(U ≤ U') (CONTINUED)

M = 42

N	37	38	39	40	41
42	0.113260928	0.161922867	0.220829424	0.292137362	0.370576093
43	0.095012701	0.138052829	0.191376145	0.257249360	0.331356727
44	0.079503855	0.117414368	0.165301331	0.225695111	0.295126459
45	0.066380985	0.097952554	0.142355444	0.197325557	0.261915380
46	0.055319562	0.082330099	0.122370279	0.172002809	0.231681845
47	0.046026890	0.071108985	0.104771796	0.149516586	0.204328954
48	0.038242791	0.059922947	0.089590528	0.129667769	0.179719320
49	0.031738745	0.050617033	0.076468329	0.112169212	0.157687877
50	0.026116016	0.042361530	0.065163049	0.096854050	0.138052352

P(U ≤ U') (CONTINUED)

M = 42

N	42	43	44	45	46
42	0.456858698	0.543141302	0.629423907	0.707862638	0.779170576
43	0.414686344	0.500000000	0.587297694	0.668643273	0.744397470
44	0.374833049	0.458335191	0.545632886	0.628962503	0.708324043
45	0.337499215	0.418481896	0.504863423	0.589281733	0.671379878
46	0.302799364	0.380689979	0.465533650	0.550017402	0.633488114
47	0.270774967	0.345131210	0.427397712	0.511533897	0.596519943
48	0.241407470	0.311908213	0.391221549	0.474140037	0.559352712
49	0.214630745	0.281066138	0.356988015	0.438088520	0.522796979
50	0.190342503	0.252592684	0.324028953	0.403577667	0.487126670

P(U ≤ U') (CONTINUED)

M = 42

N	47	48	49	50	51
42	0.838077133	0.886739072	0.923235526	0.950607866	0.969221058
43	0.808623855	0.863040859	0.904587299	0.937297395	0.959914462
44	0.777334078	0.837192782	0.884580923	0.921992613	0.948929030
45	0.744554311	0.804925813	0.862133908	0.904705832	0.936299055
46	0.710644208	0.780005783	0.837807095	0.884453178	0.921734601
47	0.675963420	0.749221713	0.811796505	0.864450402	0.905521333
48	0.640960488	0.717374705	0.784324645	0.841710307	0.887618838
49	0.605663949	0.684767877	0.753631814	0.817431758	0.868107712
50	0.570675672	0.651697673	0.725967840	0.791798216	0.847095751

P(U ≤ U') (CONTINUED)

M = 42

N	52	53	54	55	56
42	0.981878028	0.989666933	0.994460105	0.997127978	0.998602353
43	0.975733445	0.985772461	0.992137531	0.995791542	0.997887032
44	0.968263391	0.980905089	0.989142213	0.994023472	0.996904771
45	0.959481161	0.974946055	0.985370810	0.991735342	0.995592699
46	0.948472891	0.967820170	0.980724035	0.988482305	0.993885306
47	0.937020715	0.956446157	0.975110133	0.985260765	0.991705611
48	0.924119308	0.943754267	0.968448003	0.980910494	0.988988035
49	0.909450716	0.934707965	0.960663861	0.975717760	0.985659178
50	0.891860387	0.926294717	0.951723180	0.969617270	0.981651337

P(U ≤ U*) (CONTINUED)

M = 42

U*	57	58	59	60	61
N					
42	0.999342040	0.999711883	0.999877675	0.999951996	0.999981724
43	0.998972196	0.999533488	0.999794779	0.999916248	0.999966860
44	0.998448324	0.999271552	0.999668972	0.999859852	0.999942566
45	0.997727999	0.998989700	0.999484456	0.999774066	0.999904390
46	0.996763670	0.998383931	0.999221997	0.999647773	0.999846468
47	0.995503467	0.997690111	0.998858835	0.999467247	0.999761313
48	0.993892255	0.996777091	0.998368725	0.999215995	0.999639650
49	0.991872870	0.995600966	0.997221724	0.998876686	0.999470176
50	0.989387473	0.994115131	0.996886516	0.998421178	0.999239664

P(U ≤ U*) (CONTINUED)

M = 42

U*	62	63	64	65	66
N					
42	0.999993615	0.999997835	0.999999332	0.999999800	0.999999946
43	0.999987914	0.999995725	0.999998617	0.999999566	0.999999876
44	0.999978197	0.999991989	0.999997291	0.999999114	0.999999735
45	0.999962312	0.999983668	0.999994550	0.999998285	0.999999464
46	0.999937300	0.999975391	0.999990987	0.999996835	0.999998967
47	0.999899220	0.999959276	0.999984532	0.999994398	0.999998098
48	0.999842975	0.999934809	0.999974377	0.999990452	0.999996835
49	0.999762159	0.999898731	0.999958890	0.999984269	0.999994257
50	0.999648907	0.999846928	0.999935931	0.999974870	0.999990515

P(U ≤ U*) (CONTINUED)

M = 42

U*	67	68	69	70	71
N					
42	0.999999986	0.999999997	0.999999999	1.000000000	1.000000000
43	0.999999966	0.999999992	0.999999998	1.000000000	1.000000000
44	0.999999924	0.999999980	0.999999995	0.999999999	1.000000000
45	0.999999859	0.999999956	0.999999988	0.999999997	1.000000000
46	0.999999678	0.999999907	0.999999975	0.999999994	0.999999998
47	0.999999387	0.999999815	0.999999948	0.999999986	0.999999997
48	0.999998883	0.999999649	0.999999807	0.999999972	0.999999993
49	0.999998040	0.999999360	0.999999807	0.999999944	0.999999985
50	0.999996678	0.999998876	0.999999652	0.999999895	0.999999972

P(U ≤ U*) (CONTINUED)

M = 42

U*	72	73	74	75	76
N					
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 42

U*	77	78	79	80	81
N					
42	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 42

N	82	3	34
42	1.000000000	1.000000000	1.000000000
43	.	.	.
50	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 43

N	2	3	4	5	6
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 43

N	7	8	9	10	11
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 43

N	12	13	14	15	16
43	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
44	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 43

N	17	18	19	20	21
43	0.000000001	0.000000000	0.000000000	0.000000000	0.000000000
44	0.000000001	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 43

U*	22	23	24	25	26
N					
43	0.000000031	0.000002829	0.000008350	0.000022613	0.000059458
44	0.000000010	0.000001880	0.000005632	0.000015482	0.000041329
45	0.000000050	0.000001225	0.000003813	0.000010635	0.000028809
46	0.000000265	0.000000841	0.000002591	0.000007331	0.000020140
47	0.000000176	0.000000566	0.000001767	0.000005070	0.000014120
48	0.000000117	0.000000383	0.000001210	0.000003519	0.000009929
49	0.000000379	0.000000260	0.000000831	0.000002450	0.000007003
50	0.000000353	0.000000177	0.000000573	0.000001712	0.000004953

P(U ≤ U*) (CONTINUED)

M = 43

U*	27	28	29	30	31
N					
43	0.000144487	0.000340705	0.000747158	0.001589096	0.003160713
44	0.000101973	0.000244212	0.000543932	0.001175302	0.002374935
45	0.000072148	0.000175187	0.000396612	0.000870139	0.001785626
46	0.000051178	0.000126214	0.000264866	0.000644961	0.001343867
47	0.000036198	0.000051320	0.000211970	0.000478673	0.001012077
48	0.000025955	0.000035783	0.000155397	0.000355757	0.000763155
49	0.000018554	0.000047651	0.000114146	0.000264800	0.000576153
50	0.000013106	0.000034595	0.000054015	0.000197411	0.000435542

P(U ≤ U*) (CONTINUED)

M = 43

U*	32	33	34	35	36
N					
43	0.006094399	0.011044994	0.019399123	0.032176026	0.051717172
44	0.004653449	0.008569697	0.015298523	0.025278755	0.042152335
45	0.003553462	0.006647175	0.012054267	0.020642002	0.034262636
46	0.002714236	0.005155563	0.009492131	0.016507167	0.027821257
47	0.002074146	0.003999145	0.007471612	0.013190968	0.022563023
48	0.001595467	0.003103025	0.005880013	0.010535553	0.018280371
49	0.001213587	0.002408778	0.004627350	0.008411973	0.014799005
50	0.000924443	0.001870942	0.003642041	0.006715418	0.011973559

P(U ≤ U*) (CONTINUED)

M = 43

U*	37	38	39	40	41
N					
43	0.078857653	0.116552765	0.164167643	0.224312753	0.293479429
44	0.065287413	0.098077877	0.143360204	0.194859508	0.258896191
45	0.053936885	0.082313205	0.119650869	0.168699842	0.227550391
46	0.044478111	0.068922132	0.101728582	0.145605939	0.199356701
47	0.036621104	0.057592523	0.086290253	0.125328661	0.174126421
48	0.030112753	0.046040554	0.074051477	0.107609988	0.151679251
49	0.024714387	0.040012004	0.061723312	0.092192914	0.131804669
50	0.020298948	0.033282012	0.052073288	0.078830627	0.114284101

P(U ≤ U*) (CONTINUED)

M = 43

U*	42	43	44	45	46
N					
43	0.373021536	0.456351153	0.543648847	0.626978464	0.706520371
44	0.334105230	0.416863444	0.500980617	0.585313656	0.667685461
45	0.298081966	0.375291133	0.455739443	0.544127753	0.628371645
46	0.264573349	0.338158123	0.420168800	0.503857106	0.589027648
47	0.234733239	0.303997473	0.382608177	0.464791572	0.550006094
48	0.207328002	0.272515645	0.347207005	0.427273066	0.511830259
49	0.182614426	0.243102199	0.314074519	0.391458868	0.474454206
50	0.160440511	0.216447579	0.281262212	0.357625916	0.441849107

P(U ≤ U*) (CONTINUED)

M = 43

U*	47	48	49	50	51
N					
43	0.775687247	0.835832357	0.883447235	0.921142347	0.948282828
44	0.741103809	0.806502974	0.859639796	0.902785078	0.934712587
45	0.705289981	0.775360515	0.833752626	0.882291069	0.919180286
46	0.668662202	0.742740856	0.806016373	0.859774841	0.901706446
47	0.631622875	0.708993914	0.776693573	0.835393475	0.882353398
48	0.594549252	0.674470984	0.746067536	0.809338908	0.861221433
49	0.557785255	0.639513913	0.714431851	0.781829816	0.838443733
50	0.521636040	0.604446302	0.682080923	0.753102224	0.814180541

P(U ≤ U*) (CONTINUED)

M = 43

U*	52	53	54	55	56
N					
43	0.967823974	0.980600877	0.988955006	0.993905601	0.996839287
44	0.958321686	0.974212425	0.984899384	0.991430303	0.995417756
45	0.947138429	0.966494066	0.978952765	0.988263797	0.993541308
46	0.934219568	0.953733904	0.973700657	0.984105664	0.991126019
47	0.919545656	0.946724614	0.966366088	0.979460404	0.988082176
48	0.903132359	0.934565607	0.957753029	0.973640708	0.984327915
49	0.885029074	0.920863948	0.947889016	0.966770360	0.978688174
50	0.865315880	0.905634127	0.936496874	0.958786637	0.974366185

P(U ≤ U*) (CONTINUED)

M = 43

U*	57	58	59	60	61
N					
43	0.998410904	0.999252842	0.999659295	0.999855513	0.999940542
44	0.997625095	0.998845744	0.999456068	0.999760868	0.999898027
45	0.996557028	0.998273565	0.999161429	0.999618628	0.999831988
46	0.995143409	0.997491877	0.998747093	0.999411701	0.999732928
47	0.993316823	0.996451013	0.998180221	0.999153660	0.999588929
48	0.991007420	0.995096912	0.997423692	0.998717159	0.999385443
49	0.988144775	0.993372213	0.996436573	0.998176981	0.999105198
50	0.984650816	0.991217534	0.995174778	0.997467250	0.998728110

P(U ≤ U*) (CONTINUED)

M = 43

U*	62	63	64	65	66
N					
43	0.999977387	0.999991650	0.999997171	0.999999069	0.999999721
44	0.999959665	0.999984518	0.999994524	0.999998120	0.999999410
45	0.999931047	0.999972589	0.999989906	0.999996400	0.99999818
46	0.999886526	0.999953416	0.999982185	0.999993424	0.999997750
47	0.999819540	0.999923687	0.999969761	0.999984749	0.999995903
48	0.999721751	0.999875053	0.999950442	0.999980540	0.999992833
49	0.999582844	0.999813962	0.999921320	0.999968290	0.999987895
50	0.999390380	0.999721515	0.999878640	0.999949838	0.999980219

P(U ≤ U*) (CONTINUED)

M = 43

U*	67	68	69	70	71
N					
43	0.999999919	0.999999979	0.999999995	0.999999999	1.000000000
44	0.999999820	0.999999950	0.999999987	0.999999997	0.999999999
45	0.999999645	0.999999881	0.999999969	0.999999992	0.999999998
46	0.999999475	0.999999775	0.999999914	0.999999985	0.999999999
47	0.999999303	0.999999557	0.999999786	0.999999967	0.999999999
48	0.999999148	0.999999418	0.999999719	0.999999924	0.999999973
49	0.999998989	0.999999289	0.999999516	0.999999852	0.999999954
50	0.999998828	0.999999130	0.999999355	0.999999725	0.999999919

M = 43

	72	73	74	75	76
43	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
44	1.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
45	0.0000000000	1.0000000000	1.0000000000	1.0000000000	1.0000000000
46	0.9999999999	1.0000000000	1.0000000000	1.0000000000	1.0000000000
47	0.9999999998	1.0000000000	1.0000000000	1.0000000000	1.0000000000
48	0.9999999995	0.9999999999	1.0000000000	1.0000000000	1.0000000000
49	0.9999999989	0.9999999997	0.9999999999	1.0000000000	1.0000000000
50	0.9999999977	0.9999999994	0.9999999999	1.0000000000	1.0000000000

4 = 43

	77	78	79	80	81
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
	:	:	:	:	:
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

M = 43

U	82	83	84	85	86
43	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

M = 44

N	2	3	4	5	6
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

4 = 44

	7	8	9	10	11
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 44

U*	12	13	14	15	16
N					
44	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
45	.	.	.	.	.
46	.	.	.	.	.
47	.	.	.	.	.
48	.	.	.	.	.
49	.	.	.	.	.
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 44

U*	17	18	19	20	21
N					
44	0.000000000	0.000000002	0.000000008	0.000000033	0.000000115
45	0.000000000	0.000000001	0.000000005	0.000000021	0.000000074
46	0.000000000	0.000000001	0.000000003	0.000000013	0.000000048
47	0.000000000	0.000000000	0.000000002	0.000000008	0.000000031
48	0.000000000	0.000000000	0.000000001	0.000000005	0.000000023
49	0.000000000	0.000000000	0.000000001	0.000000003	0.000000013
50	0.000000000	0.000000000	0.000000001	0.000000002	0.000000009

P(U ≤ U*) (CONTINUED)

M = 44

U*	22	23	24	25	26
N					
44	0.000000395	0.000001235	0.000004756	0.000010479	0.000028406
45	0.000000257	0.000000815	0.000002515	0.000007118	0.000019541
46	0.000000168	0.000000540	0.000001690	0.000004852	0.000013538
47	0.000000110	0.000000360	0.000001140	0.000003319	0.000009388
48	0.000000073	0.000000240	0.000000772	0.000002278	0.000006531
49	0.000000048	0.000000161	0.000000525	0.000001569	0.000004557
50	0.000000032	0.000000109	0.000000358	0.000001085	0.000003189

P(U ≤ U*) (CONTINUED)

M = 44

U*	27	28	29	30	31
N					
44	0.000071156	0.000173392	0.000391532	0.000858617	0.001764583
45	0.000047180	0.000122936	0.000282312	0.000624421	0.001312098
46	0.000034920	0.000087501	0.000203930	0.000461470	0.000976553
47	0.000024563	0.000062419	0.000147594	0.000338803	0.000727595
48	0.000017326	0.000044628	0.000107034	0.000244118	0.000542759
49	0.000012255	0.000031984	0.000077781	0.000183468	0.000405411
50	0.000008693	0.000022977	0.000056644	0.000135347	0.000303247

P(U ≤ U*) (CONTINUED)

M = 44

U*	32	33	34	35	36
N					
44	0.003514177	0.006575070	0.011934110	0.020444095	0.034959955
45	0.002654292	0.005041174	0.009302343	0.016189102	0.027325766
46	0.002005565	0.003871154	0.007247110	0.012808330	0.021496303
47	0.001516227	0.002974266	0.005644221	0.010127027	0.017621502
48	0.001147091	0.002286214	0.004395575	0.008005593	0.014179511
49	0.000868555	0.001751423	0.003423083	0.006323905	0.011321533
50	0.000658289	0.001346172	0.002666471	0.004996410	0.009066952

P(U ≤ U*) (CONTINUED)

M = 44

U*	37	38	39	40	41
N					
44	0.053482863	0.081682620	0.118767563	0.167609856	0.226196608
45	0.043721409	0.067850847	0.100235092	0.143681447	0.196903232
46	0.035678263	0.056232969	0.084360662	0.122793776	0.170832419
47	0.029071394	0.046512239	0.070937629	0.104656443	0.147775430
48	0.023658718	0.038406299	0.059363388	0.088981107	0.127484142
49	0.019234443	0.031666813	0.049661032	0.075490055	0.109713511
50	0.015625045	0.026077793	0.041481842	0.063921950	0.094216097

P(U ≤ U*) (CONTINUED)

M = 44

U*	42	43	44	45	46
N					
44	0.296500711	0.373500442	0.457633481	0.542166519	0.626499558
45	0.252072765	0.335000576	0.416573325	0.500000000	0.585206601
46	0.230791389	0.299312498	0.377486183	0.459213626	0.544444227
47	0.202561909	0.266479467	0.340770429	0.420126683	0.504548231
48	0.177241910	0.236477348	0.306544409	0.382981203	0.465787729
49	0.154656011	0.209229046	0.274859364	0.347947672	0.428493971
50	0.134608292	0.184617677	0.245709728	0.315132513	0.392886034

P(U ≤ U*) (CONTINUED)

M = 44

U*	47	48	49	50	51
N					
44	0.703459289	0.773803392	0.832390144	0.881212437	0.919317380
45	0.664999424	0.730478890	0.803096768	0.857404712	0.899764908
46	0.626066976	0.705318872	0.772063957	0.831563786	0.879127890
47	0.587134527	0.667566398	0.739619950	0.803853736	0.856525441
48	0.548594256	0.630774646	0.706106670	0.774590329	0.832118602
49	0.510791276	0.591926419	0.671884841	0.744030417	0.806092812
50	0.474020140	0.557358978	0.637225365	0.712461816	0.778669893

P(U ≤ U*) (CONTINUED)

M = 44

U*	52	53	54	55	56
N					
44	0.946517137	0.966040045	0.979555905	0.988065890	0.993424030
45	0.932784139	0.956278591	0.972983586	0.983810898	0.990822871
46	0.917100004	0.944848857	0.965070693	0.978551918	0.987511661
47	0.899484997	0.931704664	0.955726427	0.972185784	0.983389350
48	0.880000376	0.916830048	0.948843066	0.968623377	0.978359923
49	0.858744816	0.900258896	0.932504354	0.955792740	0.972335677
50	0.835849596	0.882033202	0.918574077	0.945641392	0.965240133

P(U ≤ U*) (CONTINUED)

M = 44

U*	57	58	59	60	61
N					
44	0.996485823	0.998235420	0.999140383	0.999608468	0.999826908
45	0.994054926	0.997387652	0.998687902	0.999382140	0.999717688
46	0.992951505	0.996442840	0.998058749	0.999056718	0.999555699
47	0.990191579	0.994135819	0.997207541	0.998602244	0.999327840
48	0.987190560	0.992797313	0.996084031	0.997984060	0.998947409
49	0.983265832	0.990355663	0.994634009	0.997163080	0.998554069
50	0.978534279	0.987338714	0.992800432	0.996046246	0.997963951

P(U ≤ U*) (CONTINUED)

M = 44

N	62	63	64	65	66
44	0.999928846	0.999971594	0.999989521	0.999996244	0.999998765
45	0.999879677	0.999950220	0.999980899	0.999992882	0.999997556
46	0.999804082	0.999962255	0.999968655	0.999987130	0.999995399
47	0.999691661	0.99994175	0.99994003	0.999977680	0.999991712
48	0.999529418	0.999788841	0.999909186	0.999962712	0.999985653
49	0.999301550	0.999675291	0.999857300	0.999939773	0.999976032
50	0.998989333	0.999518561	0.999782108	0.999905646	0.999961238

P(U ≤ U*) (CONTINUED)

M = 44

N	67	68	69	70	71
44	0.999999605	0.999999885	0.999999967	0.999999992	0.999999999
45	0.999999185	0.999999751	0.999999926	0.999999980	0.999999995
46	0.999998406	0.999999492	0.999999843	0.999999956	0.999999988
47	0.999997028	0.999999012	0.999999683	0.999999906	0.999999973
48	0.999995689	0.999998165	0.999999391	0.999999812	0.999999945
49	0.999993866	0.999996726	0.999998860	0.999999661	0.999999891
50	0.999984822	0.999994369	0.999998019	0.999999340	0.999999793

P(U ≤ U*) (CONTINUED)

M = 44

N	72	73	74	75	76
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
46	0.999999997	0.999999999	1.000000000	1.000000000	1.000000000
47	0.999999993	0.999999998	1.000000000	1.000000000	1.000000000
48	0.999999985	0.999999996	0.999999999	1.000000000	1.000000000
49	0.999999969	0.999999992	0.999999998	1.000000000	1.000000000
50	0.999999938	0.999999983	0.999999996	0.999999999	1.000000000

P(U ≤ U*) (CONTINUED)

M = 44

N	77	78	79	80	81
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 44

N	82	83	84	85	86
44	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
45	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 44

N	U*	
	87	88
44	1.000000000	1.000000000
45	1.000000000	1.000000000
50	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 45

N	U*				
	2	3	4	5	6
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 45

N	U*				
	7	8	9	10	11
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 45

N	U*				
	12	13	14	15	16
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 45

N	U*				
	17	18	19	20	21
45	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 45

U*	22	23	24	25	26
N					
45	0.000000165	0.000000532	0.000001665	0.000004781	0.000013349
46	0.000000107	0.000000349	0.000001107	0.000003223	0.000009124
47	0.000000069	0.000000230	0.000000738	0.000002181	0.000006263
48	0.000000045	0.000000152	0.000000495	0.000001481	0.000004310
49	0.000000030	0.000000101	0.000000333	0.000001009	0.000002976
50	0.000000020	0.000000067	0.000000225	0.000000690	0.000002061

P(U ≤ U*) (CONTINUED)

M = 45

U*	27	28	29	30	31
N					
45	0.000034441	0.000086358	0.000201318	0.000455872	0.000964979
46	0.000023847	0.000060800	0.000143838	0.000320625	0.000710425
47	0.000016626	0.000043297	0.000102778	0.000240150	0.000523638
48	0.000011601	0.000030352	0.000073881	0.000176715	0.000386467
49	0.000008119	0.000021524	0.000053121	0.000127327	0.000285632
50	0.000005699	0.000015301	0.000038280	0.000092958	0.000211427

P(U ≤ U*) (CONTINUED)

M = 45

U*	32	33	34	35	36
N					
45	0.001983195	0.003828711	0.007173708	0.012683116	0.021757434
46	0.001462479	0.002905953	0.005529729	0.009928412	0.017700405
47	0.001108905	0.002295779	0.004261571	0.007767655	0.013741751
48	0.000830136	0.001675882	0.003284184	0.006075063	0.010905536
49	0.000622032	0.001273806	0.002531362	0.004750578	0.008649436
50	0.000466590	0.000968944	0.001951723	0.003714944	0.006857116

P(U ≤ U*) (CONTINUED)

M = 45

U*	37	38	39	40	41
N					
45	0.035368912	0.055786128	0.083725476	0.121958269	0.169749260
46	0.028863173	0.045764491	0.069755802	0.103205426	0.145853765
47	0.023034178	0.037670998	0.057984400	0.087100067	0.124947731
48	0.018553785	0.030629969	0.048108655	0.073331487	0.106751739
49	0.014930930	0.025002981	0.039846003	0.061608329	0.090987469
50	0.012006787	0.020385912	0.032954600	0.051662965	0.077386015

P(U ≤ U*) (CONTINUED)

M = 45

U*	42	43	44	45	46
N					
45	0.229487999	0.297760843	0.375786951	0.457359699	0.542640301
46	0.200209452	0.263624421	0.337577737	0.416573325	0.500816777
47	0.174076910	0.232564028	0.302080145	0.379215910	0.460502206
48	0.150891694	0.204490211	0.269348921	0.341577939	0.417132060
49	0.130431684	0.179267580	0.239372451	0.307674523	0.384793316
50	0.112463448	0.156727820	0.212086130	0.276246754	0.344916982

P(U ≤ U*) (CONTINUED)

M = 45

U*	47	48	49	50	51
N					
45	0.624213049	0.702239157	0.770512001	0.830250740	0.878041731
46	0.583426675	0.664103020	0.736375579	0.801084731	0.854146225
47	0.543088502	0.625518681	0.701079678	0.770200818	0.828262575
48	0.503590709	0.586907233	0.665016475	0.737918434	0.800614119
49	0.465245107	0.548652540	0.628565496	0.704565666	0.771453335
50	0.428382204	0.511094435	0.592083494	0.670487796	0.741051667

P(U ≤ U*) (CONTINUED)

M = 45

U*	52	53	54	55	56
N					
45	0.916274524	0.944213872	0.964631088	0.978242566	0.987316684
46	0.897630785	0.930244198	0.954688176	0.971436827	0.982904372
47	0.876923857	0.914355612	0.943077286	0.963288834	0.977472377
48	0.854269961	0.896575228	0.929753253	0.953714943	0.970182088
49	0.829824538	0.876970509	0.914704236	0.942557022	0.963153208
50	0.803775109	0.855642570	0.897953057	0.930077686	0.954105864

P(U ≤ U*) (CONTINUED)

M = 45

U*	57	58	59	60	61
N					
45	0.992826292	0.996171289	0.998016805	0.999035021	0.999544128
46	0.990071588	0.994547441	0.997094047	0.998541648	0.999289575
47	0.986590369	0.992433844	0.995859329	0.997860424	0.998927674
48	0.982284651	0.989745250	0.994247336	0.996944152	0.998427401
49	0.977046531	0.986495917	0.992189239	0.995740702	0.997753197
50	0.970839773	0.982302195	0.989614430	0.994193946	0.996865331

P(U ≤ U*) (CONTINUED)

M = 45

U*	62	63	64	65	66
N					
45	0.999798682	0.999913642	0.999965559	0.999986651	0.999995219
46	0.999675601	0.999856162	0.999940518	0.999976105	0.999991058
47	0.999494651	0.999768895	0.999901152	0.999958970	0.999984137
48	0.999236445	0.999640968	0.999841335	0.999932126	0.999972826
49	0.998977826	0.999456280	0.999753188	0.999891427	0.999955074
50	0.998791837	0.999204332	0.999626861	0.999831523	0.999928074

P(U ≤ U*) (CONTINUED)

M = 45

U*	67	68	69	70	71
N					
45	0.999998335	0.999999468	0.999999835	0.999999953	0.999999987
46	0.999996777	0.999998925	0.999999651	0.999999897	0.999999970
47	0.999994051	0.999997934	0.999999304	0.999999784	0.999999935
48	0.999991475	0.999996203	0.999998676	0.999999572	0.999999867
49	0.999988207	0.999993257	0.999997588	0.999999189	0.999999739
50	0.999970503	0.999988591	0.999995772	0.999998526	0.999999510

P(U ≤ U*) (CONTINUED)

M = 45

N	U*	72	73	74	75	76
45		0.99999997	0.99999999	1.00000000	1.00000000	1.00000000
46		0.99999992	0.99999998	1.00000000	1.00000000	1.00000000
47		0.99999982	0.99999995	0.99999999	1.00000000	1.00000000
48		0.99999962	0.99999989	0.99999997	0.99999999	1.00000000
49		0.99999922	0.99999977	0.99999994	0.99999998	1.00000000
50		0.99999847	0.99999955	0.99999987	0.99999997	0.99999999

P(U ≤ U*) (CONTINUED)

M = 45

N	U*	77	78	79	80	81
45		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
46		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
47		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
48		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
49		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
50		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

P(U ≤ U*) (CONTINUED)

M = 45

N	U*	82	83	84	85	86
45		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
46		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
47		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
48		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
49		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
50		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

P(U ≤ U*) (CONTINUED)

M = 45

N	U*	87	88	89	90
45		1.00000000	1.00000000	1.00000000	1.00000000
46		1.00000000	1.00000000	1.00000000	1.00000000
47		1.00000000	1.00000000	1.00000000	1.00000000
48		1.00000000	1.00000000	1.00000000	1.00000000
49		1.00000000	1.00000000	1.00000000	1.00000000
50		1.00000000	1.00000000	1.00000000	1.00000000

P(U ≤ U*) (CONTINUED)

M = 46

N	U*	2	3	4	5	6
46		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
47		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
48		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
49		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
50		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000

P(U ≤ U*) (CONTINUED)

M = 46

N	7	8	9	10	11
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 46

N	12	13	14	15	16
46	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 46

N	17	18	19	20	21
46	0.000000000	0.000000000	0.000000001	0.000000005	0.000000019
47	0.000000000	0.000000000	0.000000001	0.000000003	0.000000012
48	0.000000000	0.000000000	0.000000000	0.000000002	0.000000008
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
50	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003

P(U ≤ U*) (CONTINUED)

M = 46

N	22	23	24	25	26
46	0.000000068	0.000000226	0.000000728	0.000002149	0.000006176
47	0.000000044	0.000000147	0.000000480	0.000001438	0.000004192
48	0.000000028	0.000000096	0.000000318	0.000000968	0.000002854
49	0.000000018	0.000000063	0.000000212	0.000000652	0.000001950
50	0.000000012	0.000000042	0.000000152	0.000000461	0.000001337

P(U ≤ U*) (CONTINUED)

M = 46

N	27	28	29	30	31
46	0.000016398	0.000042348	0.000101660	0.000237231	0.000517412
47	0.000011287	0.000029567	0.000072004	0.000170493	0.000377222
48	0.000007742	0.000020696	0.000051112	0.000122741	0.000275549
49	0.000005326	0.000014574	0.000036365	0.000088523	0.000201533
50	0.000003748	0.000010219	0.000025933	0.000063965	0.000147636

P(U ≤ U*) (CONTINUED)

M = 46

U*	32	33	34	35	36
N					
46	0.001096452	0.002182153	0.004217841	0.007690486	0.013614409
47	0.000811552	0.001639302	0.003216778	0.005954163	0.010702966
48	0.000601222	0.001232212	0.002453484	0.004608649	0.008407712
49	0.000445865	0.000926894	0.001871773	0.003566996	0.006601070
50	0.000331035	0.000697833	0.001428563	0.002761070	0.005180823

P(U ≤ U*) (CONTINUED)

M = 46

U*	37	38	39	40	41
N					
46	0.022829400	0.037163832	0.057533813	0.086480629	0.124111490
47	0.018221905	0.030123226	0.047348823	0.072272369	0.105296059
48	0.014528391	0.024377760	0.038892621	0.060255657	0.089095757
49	0.011573580	0.019701902	0.031894384	0.050132447	0.075209783
50	0.009213745	0.015905408	0.026118998	0.041634016	0.063355042

P(U ≤ U*) (CONTINUED)

M = 46

U*	42	43	44	45	46
N					
46	0.173031608	0.231269845	0.300601079	0.376235152	0.458745051
47	0.149036877	0.202150727	0.266621319	0.338418116	0.418340338
48	0.127976489	0.176114526	0.235125842	0.303252333	0.379977167
49	0.109588531	0.152911236	0.207540677	0.270791620	0.343851633
50	0.093609328	0.132507696	0.182245467	0.241026470	0.310083872

P(U ≤ U*) (CONTINUED)

M = 46

U*	47	48	49	50	51
N					
46	0.541254949	0.623764848	0.699398921	0.768730155	0.826968392
47	0.500000000	0.583397102	0.661581884	0.734843921	0.797849273
48	0.460038889	0.543435990	0.623358213	0.699805556	0.767079218
49	0.421676222	0.506265689	0.585134941	0.661996911	0.734971134
50	0.385146266	0.466213651	0.547281036	0.627784533	0.702845516

P(U ≤ U*) (CONTINUED)

M = 46

U*	52	53	54	55	56
N					
46	0.875888510	0.913519371	0.942466187	0.962836168	0.977170600
47	0.852004571	0.894703941	0.928350723	0.952651177	0.970189967
48	0.826157724	0.873874980	0.912328446	0.940812495	0.961859042
49	0.798655253	0.851152477	0.894433426	0.927282671	0.952095343
50	0.769473227	0.826693289	0.874710755	0.912056553	0.940840507

P(U ≤ U*) (CONTINUED)

M = 46

U*	57	58	59	60	61
N					
46	0.986385591	0.992309514	0.995782159	0.997817847	0.998903548
47	0.981778095	0.989428945	0.994045837	0.996829618	0.998360698
48	0.976140627	0.985804858	0.991803346	0.995515055	0.997618356
49	0.969375666	0.981338966	0.988970727	0.993807258	0.996628567
50	0.961400132	0.975938865	0.985464242	0.991635857	0.995338826

P(U ≤ U*) (CONTINUED)

M = 46

U*	62	63	64	65	66
N					
46	0.999482588	0.999762769	0.999898340	0.999957652	0.999983602
47	0.999202018	0.999622678	0.999832790	0.999927996	0.999971085
48	0.998806102	0.999419133	0.999736300	0.999882034	0.999950977
49	0.998262240	0.999131775	0.999590767	0.999813092	0.999919771
50	0.997533177	0.998736532	0.999387302	0.999712687	0.999872838

P(U ≤ U*) (CONTINUED)

M = 46

U*	67	68	69	70	71
N					
46	0.999993824	0.999997851	0.999999272	0.999999774	0.999999932
47	0.999988713	0.999995914	0.999998562	0.999999534	0.999999853
48	0.999980226	0.999992571	0.999997291	0.999999085	0.999999700
49	0.999966646	0.999987022	0.999995112	0.999998285	0.999999418
50	0.999945633	0.999978134	0.999991517	0.999996915	0.999998920

P(U ≤ U*) (CONTINUED)

M = 46

U*	72	73	74	75	76
N					
46	0.999999981	0.999999995	0.999999999	1.000000000	1.000000000
47	0.999999958	0.999999988	0.999999997	0.999999999	1.000000000
48	0.999999910	0.999999974	0.999999993	0.999999998	1.000000000
49	0.999999817	0.999999944	0.999999984	0.999999996	0.999999999
50	0.999999647	0.999999889	0.999999968	0.999999991	0.999999998

P(U ≤ U*) (CONTINUED)

M = 46

U*	77	78	79	80	81
N					
46	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 46

N	U*	82	83	84	85	86
46		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 46

N	U*	87	88	89	90	91
46		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
47		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 46

N	U*	92
46		1.000000000
47		1.000000000
48		1.000000000
49		1.000000000
50		1.000000000

P(U ≤ U*) (CONTINUED)

M = 47

N	U*	2	3	4	5	6
47		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 47

N	U*	7	8	9	10	11
47		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 47

U*	12	13	14	15	16
N					
47	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 47

U*	17	18	19	20	21
N					
47	0.000000000	0.000000000	0.000000000	0.000000002	0.000000007
48	0.000000000	0.000000000	0.000000000	0.000000001	0.000000005
49	0.000000000	0.000000000	0.000000000	0.000000001	0.000000003
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000002

P(U ≤ U*) (CONTINUED)

M = 47

U*	22	23	24	25	26
N					
47	0.000000028	0.000000095	0.000000314	0.000000952	0.000002815
48	0.000000018	0.000000061	0.000000206	0.000000633	0.000001847
49	0.000000011	0.000000040	0.000000136	0.000000422	0.000001283
50	0.000000007	0.000000026	0.000000090	0.000000283	0.000000870

P(U ≤ U*) (CONTINUED)

M = 47

U*	27	28	29	30	31
N					
47	0.000007686	0.000020427	0.000050459	0.000121249	0.000272266
48	0.000005251	0.000014150	0.000035443	0.000086385	0.000196757
49	0.000003528	0.000009827	0.000024955	0.000061663	0.000142420
50	0.000002473	0.000006844	0.000017614	0.000044104	0.000103265

P(U ≤ U*) (CONTINUED)

M = 47

U*	32	33	34	35	36
N					
47	0.000594437	0.001218642	0.002428040	0.004562273	0.008328565
48	0.000435842	0.000906539	0.001832992	0.003495157	0.006476474
49	0.000319922	0.000674926	0.001344242	0.002677699	0.005033901
50	0.000235127	0.000502971	0.001045871	0.002091832	0.003911593

P(U ≤ U*) (CONTINUED)

M = 47

U*	37	38	39	40	41
N					
47	0.014396480	0.027172565	0.038579428	0.059810594	0.088472668
48	0.011362522	0.01967912	0.031375997	0.049382579	0.074141631
49	0.008960905	0.01398640	0.025477288	0.040689746	0.061987188
50	0.007062853	0.01189575	0.020660010	0.033467750	0.051718778

P(U ≤ U*) (CONTINUED)

M = 47

U*	42	43	44	45	46
N					
47	0.127166468	0.175073078	0.234386023	0.301787097	0.378379227
48	0.108174073	0.151119773	0.205293864	0.268086560	0.340841021
49	0.091765574	0.130052071	0.179210042	0.237305827	0.305862915
50	0.077654451	0.111617832	0.155961363	0.209375161	0.273508367

P(U ≤ U*) (CONTINUED)

M = 47

U*	47	48	49	50	51
N					
47	0.458301449	0.541698551	0.621620773	0.698212903	0.765613977
48	0.418340338	0.500859575	0.581659662	0.660740596	0.731913440
49	0.380381489	0.461250341	0.542119194	0.622847649	0.697117828
50	0.344612573	0.423172720	0.503369536	0.584930243	0.661597308

P(U ≤ U*) (CONTINUED)

M = 47

U*	52	53	54	55	56
N					
47	0.824926922	0.872833532	0.911527332	0.940189406	0.961420572
48	0.795937365	0.848880227	0.892636224	0.925858369	0.951067585
49	0.765317227	0.823024411	0.871752680	0.909652444	0.939063196
50	0.733370750	0.795487346	0.848993892	0.891604937	0.925370796

P(U ≤ U*) (CONTINUED)

M = 47

U*	57	58	59	60	61
N					
47	0.975827435	0.985603520	0.991671435	0.995437727	0.997571963
48	0.968624003	0.980842756	0.988637478	0.993606340	0.996504843
49	0.960070877	0.975038849	0.984845451	0.991252663	0.995096099
50	0.950092224	0.968094944	0.980700218	0.988291807	0.993281621

P(U ≤ U*) (CONTINUED)

M = 47

U*	62	63	64	65	66
N					
47	0.998781358	0.999405563	0.999727734	0.999878751	0.999949541
48	0.998194257	0.999093461	0.999571630	0.999803243	0.999915314
49	0.997396478	0.998657483	0.999346609	0.999691172	0.999862780
50	0.996338443	0.998064069	0.999031055	0.999529658	0.999784625

P(U ≤ U*) (CONTINUED)

M = 47

U*	67	68	69	70	71
N					
47	0.999979573	0.999992314	0.999997185	0.999999048	0.999999686
48	0.999964557	0.999986168	0.999994749	0.999998152	0.999999367
49	0.999940784	0.999976083	0.999990618	0.999996572	0.999998784
50	0.999904382	0.999960105	0.999983869	0.999993896	0.999997763

P(U ≤ U*) (CONTINUED)

M = 47

U*	72	73	74	75	76
N					
47	0.999999905	0.999999973	0.999999993	0.999999998	1.000000000
48	0.999999800	0.999999936	0.999999983	0.999999995	0.999999999
49	0.999999600	0.999999872	0.999999963	0.999999984	0.999999997
50	0.999999236	0.999999748	0.999999923	0.999999977	0.999999994

P(U ≤ U*) (CONTINUED)

M = 47

U*	77	78	79	80	81
N					
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999998	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 47

U*	82	83	84	85	86
N					
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 47

U*	87	88	89	90	91
N					
47	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 47

U*	92	93	94
N			
47	1.000000000	1.000000000	1.000000000
48	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	2	3	4	5	6
N					
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	7	8	9	10	11
N					
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	12	13	14	15	16
N					
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	17	18	19	20	21
N					
48	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U') (CONTINUED)

M = 48

U'	22	23	24	25	26
N					
48	0.000000011	0.000000039	0.000000134	0.000000416	0.000001265
49	0.000000001	0.000000025	0.000000087	0.000000275	0.000000847
50	0.000000005	0.000000016	0.000000057	0.000000182	0.000000568

P(U ≤ U') (CONTINUED)

M = 48

U'	27	28	29	30	31
N					
48	0.000003550	0.000009700	0.000024638	0.000060914	0.000140722
49	0.000002407	0.000006668	0.000017169	0.000043040	0.000109818
50	0.000001638	0.000004597	0.000011495	0.000030474	0.000072360

P(U ≤ U') (CONTINUED)

M = 48

U'	32	33	34	35	36
N					
48	0.000316300	0.000667455	0.001369766	0.002650450	0.004985815
49	0.000229827	0.000491877	0.001024041	0.002010108	0.003836772
50	0.000167220	0.000362868	0.000766022	0.001524900	0.002951982

P(U ≤ U') (CONTINUED)

M = 48

U'	37	38	39	40	41
N					
48	0.008878091	0.015365217	0.025266620	0.040379288	0.061537023
49	0.006931953	0.012175156	0.020315919	0.032951893	0.050958155
50	0.005409733	0.009638122	0.016314527	0.026844505	0.042112974

P(U ≤ U') (CONTINUED)

M = 48

U'	42	43	44	45	46
N					
48	0.091157852	0.125241775	0.178206818	0.236074597	0.304463791
49	0.076609183	0.110196013	0.154173803	0.207140708	0.270970003
50	0.064225928	0.093709867	0.132971643	0.181156551	0.240211454

P(U ≤ U') (CONTINUED)

M = 48

U'	47	48	49	50	51
N					
48	0.378799870	0.459597957	0.540400043	0.621200130	0.695536209
49	0.341671810	0.419999584	0.500000000	0.581633077	0.658368170
50	0.306969170	0.387322780	0.460816123	0.524449200	0.620816454

P(U ≤ U*) (CONTINUED)

M = 48

U*	52	53	54	55	56
N					
48	0.763925403	0.821793182	0.870758225	0.908842148	0.938462977
49	0.730446503	0.782859292	0.846826368	0.889800187	0.924001556
50	0.695919385	0.762356151	0.821016038	0.868812983	0.907678175

P(U ≤ U*) (CONTINUED)

M = 48

U*	57	58	59	60	61
N					
48	0.959620712	0.974733380	0.984634783	0.991121909	0.995014185
49	0.949041845	0.967364007	0.979684081	0.987962823	0.993068047
50	0.936827070	0.956639168	0.973681994	0.984030421	0.990584424

P(U ≤ U*) (CONTINUED)

M = 48

U*	62	63	64	65	66
N					
48	0.997349550	0.998630234	0.999332545	0.999683700	0.999859278
49	0.996213669	0.99789892	0.998991611	0.999508123	0.999774204
50	0.994723795	0.997127301	0.998518577	0.999257693	0.999648989

P(U ≤ U*) (CONTINUED)

M = 48

U*	67	68	69	70	71
N					
48	0.999939086	0.999975362	0.999990300	0.999996450	0.999998735
49	0.999899182	0.999957823	0.999982831	0.999993484	0.999997593
50	0.999838709	0.999930335	0.999970758	0.999988513	0.999995614

P(U ≤ U*) (CONTINUED)

M = 48

U*	72	73	74	75	76
N					
48	0.999999584	0.999999866	0.999999961	0.999999989	0.999999997
49	0.999999175	0.999999725	0.999999915	0.999999975	0.999999993
50	0.999998441	0.999999461	0.999999828	0.999999946	0.999999985

P(U ≤ U*) (CONTINUED)

M = 48

U*	77	78	79	80	81
N					
48	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
49	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000
50	0.999999999	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	82	83	84	85	86
N					
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	87	88	89	90	91
N					
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 48

U*	92	93	94	95	96
N					
48	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
49	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 49

U*	2	3	4	5	6
N					
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 49

U*	7	8	9	10	11
N					
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 49

U*	12	13	14	15	16
N					
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 49

U*	17	18	19	20	21
N					
49	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001
50	0.000000000	0.000000000	0.000000000	0.000000000	0.000000001

P(U ≤ U*) (CONTINUED)

M = 49

U*	22	23	24	25	26
N					
49	0.000000005	0.000000016	0.000000056	0.000000180	0.000000561
50	0.000000003	0.000000010	0.000000036	0.000000118	0.000000373

P(U ≤ U*) (CONTINUED)

M = 49

U*	27	28	29	30	31
N					
49	0.000001616	0.000004538	0.000011862	0.000030104	0.000071498
50	0.000001088	0.000003097	0.000008190	0.000021103	0.000050801

P(U ≤ U*) (CONTINUED)

M = 49

U*	32	33	34	35	36
N					
49	0.000165323	0.000358836	0.000757959	0.001509248	0.002923440
50	0.000119093	0.000262080	0.000561391	0.001133604	0.002227281

P(U ≤ U*) (CONTINUED)

M = 49

U*	37	38	39	40	41
N					
49	0.005358992	0.009553555	0.016176548	0.026633906	0.041797074
50	0.004141216	0.007489759	0.012865051	0.021491491	0.034215490

P(U ≤ U*) (CONTINUED)

M = 49

U*	42	43	44	45	46
N					
49	0.063787669	0.093099129	0.132186408	0.180157160	0.239030355
50	0.052977497	0.078441399	0.112488237	0.156171784	0.210133374

P(U ≤ U') (CONTINUED)

M = 49

U'	47	48	49	50	51
N					
49	0.305582664	0.380815707	0.459183461	0.540816539	0.619184293
50	0.272306509	0.343915273	0.419999584	0.500808085	0.580000416

P(U ≤ U') (CONTINUED)

M = 49

U'	52	53	54	55	56
N					
49	0.694417336	0.760969645	0.819842840	0.867812592	0.906900871
50	0.657576576	0.727693491	0.791039704	0.843828216	0.887792919

P(U ≤ U') (CONTINUED)

M = 49

U'	57	58	59	60	61
N					
49	0.936216331	0.958202926	0.973366094	0.983823452	0.990446445
50	0.921558601	0.947468730	0.965784510	0.978724176	0.987134949

P(U ≤ U') (CONTINUED)

M = 49

U'	62	63	64	65	66
N					
49	0.994661008	0.997076560	0.998490752	0.999242041	0.999641164
50	0.992598361	0.995858784	0.997803099	0.998866396	0.999447412

P(U ≤ U') (CONTINUED)

M = 49

U'	67	68	69	70	71
N					
49	0.999834677	0.999928502	0.999969896	0.999988156	0.999995462
50	0.999737920	0.999883043	0.999949199	0.999979326	0.999991810

P(U ≤ U') (CONTINUED)

M = 49

U'	72	73	74	75	76
N					
49	0.999998384	0.999999439	0.999999820	0.999999946	0.999999984
50	0.999996975	0.999998912	0.999999637	0.999999882	0.999999965

P(U ≤ U*) (CONTINUED)

M = 49

N	U*					
		77	78	79	80	81
49		0.999999955	0.999999999	1.000000000	1.000000000	1.000000000
50		0.999999990	0.999999997	0.999999999	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 49

N	U*					
		82	83	84	85	86
49		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 49

N	U*					
		87	88	89	90	91
49		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 49

N	U*					
		92	93	94	95	96
49		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000
50		1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 49

N	U*		
		97	98
49		1.000000000	1.000000000
50		1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		2	3	4	5	6
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		7	8	9	10	11
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		12	13	14	15	16
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		17	18	19	20	21
50		0.000000000	0.000000000	0.000000000	0.000000000	0.000000000

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		22	23	24	25	26
50		0.000000002	0.000000007	0.000000023	0.000000077	0.000000245

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		27	28	29	30	31
50		0.000000726	0.000002093	0.000005608	0.000014646	0.000035737

P(U ≤ U*) (CONTINUED)

M = 50

N	U*					
		32	33	34	35	36
50		0.000084947	0.000189519	0.000411735	0.000843056	0.001680442

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	37	38	39	40	41
N					
50	0.003169059	0.005815488	0.010133345	0.017178271	0.027745660

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	42	43	44	45	46
N					
50	0.043596743	0.065486335	0.095714818	0.134187433	0.183152579

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	47	48	49	50	51
N					
50	0.240633403	0.308110891	0.381211504	0.460403835	0.539596165

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	52	53	54	55	56
N					
50	0.618788496	0.691889109	0.759366597	0.816847421	0.865812567

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	57	58	59	60	61
N					
50	0.904285182	0.934513665	0.956403257	0.972254340	0.982821729

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	62	63	64	65	66
N					
50	0.98986665	0.994184512	0.996830941	0.998319551	0.999156904

P(U ≤ U*) (CONTINUED)

M = 50

U*	67	68	69	70	71
N					
50	0.999588265	0.999810481	0.999915053	0.999964263	0.999985354

P(U ≤ U*) (CONTINUED)

M = 50

U*	72	73	74	75	76
N					
50	0.999994392	0.999997907	0.999999274	0.999999755	0.999999923

P(U ≤ U*) (CONTINUED)

M = 50

U*	77	78	79	80	81
N					
50	0.999999977	0.999999993	0.999999998	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 50

U*	82	83	84	85	86
N					
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 50

U*	87	88	89	90	91
N					
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

P(U ≤ U*) (CONTINUED)

M = 50

U*	92	93	94	95	96
N					
50	1.000000000	1.000000000	1.000000000	1.000000000	1.000000000

$P(U \leq U^*)$ (CONTINUED)

$M = 50$

U^*	97	98	99	100
N				
50	1.000000000	1.000000000	1.000000000	1.000000000

APPENDIX C SIMULATION PROGRAM

```

.....
PROGRAM DEFINITION: PROVIDE COMPUTER SAMPLING PROCEDURE TO TEST
THE POWER OF THE WALD - WOLFOVITZ RUNS TEST AGAINST
UNIFORM, TRIANGULAR AND NORMAL DISTRIBUTIONS.
PROGRAMMER: LT. W. C. MESCHL
DATE: 3 APRIL 1971
INPUT DATA: THE FOLLOWING THREE (3) INPUT CARDS ARE REQUIRED.
CARD 1 - DISTRIBUTION, SAMPLE SIZE, RANDOM NUMBER SEED
AND PARAMETERS PERTAINING TO THE FIRST
DISTRIBUTION.
CARD 2 - DISTRIBUTION, SAMPLE SIZE, RANDOM NUMBER SEED
AND PARAMETERS PERTAINING TO THE SECOND
DISTRIBUTION.
CARD 3 - NUMBER OF REPEATED SAMPLINGS DESIRED.
INPUT FORMAT: ( CC = CARD COLUMN ), ( NA = NOT APPLICABLE )
CARD 1 - CC1: SINGLE DIGIT TO SPECIFY DISTRIBUTION
1: UNIFORM DISTRIBUTION
2: NORMAL DISTRIBUTION
3: TRIANGULAR DISTRIBUTION
CC6-7: TWO DIGIT NUMBER BETWEEN 1 AND 50 TO
INDICATE SAMPLE SIZE.
CC11-16: RANDOM NUMBER SEED - A FIVE OR SIX DIGIT
PRIME NUMBER IS SUGGESTED.
CC21-28: FOR UNIFORM DISTRIBUTION: LOWER LIMIT
FOR NORMAL DISTRIBUTION: MEAN
FOR TRIANGULAR DISTRIBUTION: POINT A
CC31-38: FOR UNIFORM DISTRIBUTION: UPPER LIMIT
FOR NORMAL DISTRIBUTION: VARIANCE
FOR TRIANGULAR DISTRIBUTION: POINT B
CC41-48: FOR UNIFORM DISTRIBUTION: NA
FOR NORMAL DISTRIBUTION: NA
FOR TRIANGULAR DISTRIBUTION: POINT C
CC51-58: FOR UNIFORM DISTRIBUTION: NA
FOR NORMAL DISTRIBUTION: NA
FOR TRIANGULAR DISTRIBUTION: AREA LEFT
TRIANGLE
CARD 2 - SAME AS CARD 1.
CARD 3 - CC1-5: FIVE DIGIT NUMBER TO INDICATE THE NUMBER
OF REPLICATIONS DESIRED.
.....
INTEGER DIST(2), SIZE(2), SEED(2), ABORT, TABLE(100),SUM
INTEGER FABLE(100),GUM
INTEGER CABLE(100),LABEL(100),GUM,RUM
REAL X(50),Y(50),Z(100),PAR1(2),PAR2(2),PAR3(2)
REAL V(100),AA(50),BB(50)
DIMENSION AREA(2), AREA2(2), KASE(2)
EQUIVALENCE (X,Z), (Y,Z(51)), (INX,SIZE), (INY,SIZE(2))
EQUIVALENCE (V,AA), (V(51),BB)
DATA ABORT, TABLE / 1,100*0/, SUM/0/
DATA FABLE/100*0/,GUM/0/
DATA CABLE,LABEL,GUM,RUM/20*0/
PROGRAM INITIALIZATION
KSETA = 1
KSETB = 1
WRITE (6,1)
FORMAT (11)
READ DISTRIBUTION, SAMPLE SIZE, PARAMETERS
AND RANDOM NUMBER SEED
DO 5 J=1,2
READ (5,10) DIST(J), SIZE(J), SEED(J), PAR1(J), PAR2(J), PAR3(J),
1 AREA(J)
DETERMINE IF INPUT VALUES ARE ACCEPTABLE
CALL DECIDE (ABORT,SEED(J),SIZE(J),DIST(J),PAR1(J),PAR2(J),
1 PAR3(J), AREA(J), AREA2(J), KASE(J))
FORMAT(11,4X12,3X16,4X, 4(F6.3,2X))
READ NUMBER OF REPETITIONS DESIRED
READ (5,11) KTIMES
FORMAT (15)
CHECK VALIDITY OF REPETITIONS
IF ( KTIMES .GT. 0) GO TO 22
ABORT = 2
INDICATE INPUT ERROR
WRITE (6,15)
FORMAT(///31' NUMBER OF REPETITIONS INVALID '1///)
ECHO REPETITIONS
WRITE (6,26) KTIMES
FORMAT (///' NUMBER OF REPEATED SAMPLINGS REQUESTED IS',16//)
IF(ABORT .EQ. 2) CALL EXIT

```

```

      DETERMINE REJECTION REGION
      CALL REJECT (NX,NY,MINRUN)
      DISPLAY REJECTION REGION
      WRITE (6,25) MINRUN
      FORMAT (1, 'HYPOTHESIS REJECTED FOR',I3,' OR LESS RUNS'//)
      PERFORM THE NUMBER OF REPETITIONS REQUESTED
      DO 30 JTIMES =1, KTIMES
      GENERATE SAMPLES
      DO 31 KOUNT = 1,2
      DETERMINE WHERE TO PLACE SAMPLE VALUES
      KPLACE = KOUNT * 50 - 49
      KREP = KPLACE + SIZE (KOUNT) - 1
      KPATH = DIST (KOUNT)
      GO TO (32,33,34), KPATH
      UNIFORM DISTRIBUTION
      DETERMINE RANGE
      DIFFER = PAR2(KOUNT) - PAR1(KOUNT)
      DUPLICATE RANDOM NUMBER SEED AND THE LOWER LIMIT, THEREBY
      ELIMINATING UNNECESSARY INDEXING
      KKK = SEED (KOUNT)
      PAR = PAR1 (KOUNT)
      GENERATE A UNIFORM SAMPLE
      DO 42 LOOP = KPLACE, KREP
      CALL RANDU (KKK,JJJ,F)
      KKK = JJJ
      VILCOPI = PAR + DIFFER * (1.-F)
      ZILCOPI = PAR + DIFFER * F
      SAVE LAST SEED VALUE
      SEED (KOUNT) = KKK
      GO TO 31
      NORMAL DISTRIBUTION
      DUPLICATE RANDOM NUMBER SEED
      KKK = SEED(KOUNT)
      GENERATE A NORMAL SAMPLE
      DO 81 LOOP = KPLACE,KREP
      TALLY = 0.0
      DO 82 LEAP = 1,12
      CALL RANDU (KKK,JJJ,F)
      KKK=JJJ
      TALLY = TALLY + F
      VILCOPI = PAR (KOUNT)*(6.0-TALLY)+PAR1(KOUNT)
      ZILCOPI = PAR2(KOUNT)*(TALLY-6.0)+PAR1(KOUNT)
      SAVE LAST SEED VALUE
      SEED(KOUNT) = KKK
      GO TO 31
      TRIANGULAR DISTRIBUTION
      DETERMINE CASE
      KPATH = KASE(KOUNT)
      KKK = SEED(KOUNT)
      GO TO (80,90,100), KPATH
      GENERATE A CASE TWO TRIANGULAR SAMPLE
      C = PAR3(KOUNT)
      CMA = C - PAR1(KOUNT)
      DO 827 LOOP = KPLACE,KREP
      CALL RANDU (KKK,JJJ,F)
      KKK = JJJ
      VILCOPI = C - CMA * SQRT (1.-F)
      ZILCOPI = C - CMA * SQRT (F)
      SAVE LAST SEED VALUE
      SEED(KOUNT) = KKK
      GO TO 31
      GENERATE A CASE ONE TRIANGULAR SAMPLE
      A = PAR1 (KOUNT)
      CMA = PAR3 (KOUNT) - A
      DO 92 LOOP = KPLACE, KREP
      CALL RANDU (KKK,JJJ,F)
      KKK = JJJ
      VILCOPI = A + CMA * SQRT(1.-F)
      ZILCOPI = A + CMA * SQRT(F)
      SAVE LAST SEED VALUE
      SEED (KOUNT) = KKK
      GO TO 31
      GENERATE A CASE THREE TRIANGULAR SAMPLE
      A = PAR1(KOUNT)
      BMAVAR = (PAR2(KOUNT) - A)/AREA(KOUNT)
      ALEFT = AREA (KOUNT)
      ARIGHT = AREA2(KOUNT)
      C = PAR3 (KOUNT)
      CMRYT = (C - PAR2(KOUNT))/ARIGHT
      ARSJ = ARIGHT * 2
      DO 107 LOOP = KPLACE, KREP
      CALL RANDU (KKK,JJJ,F)

```

```

      RUN 1180
      RUN 1190
      RUN 1200
      RUN 1210
      RUN 1220
      RUN 1230
      RUN 1240
      RUN 1250
      RUN 1260
      RUN 1270
      RUN 1280
      RUN 1290
      RUN 1300
      RUN 1310
      RUN 1320
      RUN 1330
      RUN 1340
      RUN 1350
      RUN 1360
      RUN 1370
      RUN 1380
      RUN 1390
      RUN 1400
      RUN 1410
      RUN 1420
      RUN 1430
      RUN 1440
      RUN 1450
      RUN 1460
      RUN 1470
      RUN 1480
      RUN 1490
      RUN 1500
      RUN 1510
      RUN 1520
      RUN 1530
      RUN 1540
      RUN 1550
      RUN 1560
      RUN 1570
      RUN 1580
      RUN 1590
      RUN 1600
      RUN 1610
      RUN 1620
      RUN 1630
      RUN 1640
      RUN 1650
      RUN 1660
      RUN 1670
      RUN 1680
      RUN 1690
      RUN 1700
      RUN 1710
      RUN 1720
      RUN 1730
      RUN 1740
      RUN 1750
      RUN 1760
      RUN 1770
      RUN 1780
      RUN 1790
      RUN 1800
      RUN 1810
      RUN 1820
      RUN 1830
      RUN 1840
      RUN 1850
      RUN 1860
      RUN 1870
      RUN 1880
      RUN 1890
      RUN 1900
      RUN 1910
      RUN 1920
      RUN 1930
      RUN 1940
      RUN 1950
      RUN 1960
      RUN 1970
      RUN 1980
      RUN 1990
      RUN 2000
      RUN 2010
      RUN 2020
      RUN 2030
      RUN 2040
      RUN 2050
      RUN 2060
      RUN 2070
      RUN 2080
      RUN 2090
      RUN 2100
      RUN 2110
      RUN 2120
      RUN 2130
      RUN 2140
      RUN 2150
      RUN 2160
      RUN 2170
      RUN 2180
      RUN 2190
      RUN 2200
      RUN 2210
      RUN 2220
      RUN 2230
      RUN 2240
      RUN 2250
      RUN 2260
      RUN 2270
      RUN 2280
      RUN 2290
      RUN 2300
      RUN 2310
      RUN 2320
      RUN 2330
      RUN 2340
      RUN 2350
      RUN 2360
      RUN 2370
      RUN 2380
      RUN 2390

```



```

4      WRITE (6,4)
      FORMAT (//3(' INVALID SAMPLE SIZE      '))
      ABORT = 2
      CHECK IF VALID DISTRIBUTION REQUESTED
      IF (DIST .GT. 0 .AND. DIST .LT. 4) GO TO 5
      INDICATE INVALID DISTRIBUTION REQUESTED, SET ABORT CONDITION
      WRITE (6,6)
      FORMAT (//3(' INCORRECT DISTRIBUTION      '))
      ABORT = 2
      RETURN
      IF ABORT CONDITION NOT SET, CONTINUE
      GO TO (20,21,22), DIST
      UNIFORM DISTRIBUTION
      CHECK FOR VALIDITY OF PARAMETERS
      IF (PARA .LT. PARB) GO TO 7
      INDICATE PARAMETERS, SET ABORT CONDITION
      WRITE (6,8)
      FORMAT (//3(' INVALID PARAMETERS      '))
      ABORT = 2
      ECHO INPUT
      WRITE (6,9) PARA, PARB, SIZE, SEED
      FORMAT (//3(' UNIFORM('F8.3','F8.3','F8.3','F8.3')
      1 ' RANDOM NUMBER SEED ='F8.3,1) SAMPLE SIZE ='F8.3,13,
      1 '
      RETURN
      NORMAL DISTRIBUTION
      ENSURE POSITIVE VARIANCE
      IF (PARB .LT. 0.0) PARB = - PARB
      FIND STANDARD DEVIATION
      PARC = SQRT(PARB)
      ECHO INPUT
      WRITE (6,10) PARA, PARB, PARC, SIZE, SEED
      FORMAT (//3(' NORMAL('F8.3','F8.3','F8.3','F8.3')
      1 ' RANDOM NUMBER SEED ='F8.3,1) SAMPLE SIZE ='F8.3,13,
      1 '
      RETURN
      TRIANGULAR DISTRIBUTION
      CHECK FOR VALIDITY OF PARAMETERS
      IF (PARA .LE. PARB .AND. PARB .LE. PARC) GO TO 40
      INDICATE PARAMETERS, SET ABORT CONDITION
      WRITE (6,8)
      ABORT = 2
      ECHO INPUT
      WRITE (6,41) PARA, PARB, PARC, AREA, SIZE, SEED
      FORMAT (//3(' TRIANGULAR('F8.3','F8.3','F8.3','F8.3')
      1 ' AREA TRIANGLE ='F8.3,1) SAMPLE SIZE ='F8.3,13,6X,
      2 ' RANDOM NUMBER SEED ='F8.3,17)
      RETURN
      DETERMINE CASE
      IF (PARA .NE. PARB) GO TO 42
      KASE = 2
      CHECK TRIANGLE AREA AND PARAMETER C
      IF (AREA .NE. 0.0 .OR. PARC .LE. PARB) GO TO 23
      GO TO 24
      CASE CHECKING
      IF (PARB .NE. PARC) GO TO 43
      KASE = 1
      CHECK TRIANGLE AREA
      IF (AREA .NE. 1.0) GO TO 23
      GO TO 24
      KASE = 3
      AREA2 = 1. - AREA
      CHECK TRIANGLE AREA
      IF (AREA .LE. 0.0 .OR. AREA .GE. 1.0) GO TO 23
      GO TO 24
      END
      *****
      SUBROUTINE RUN (X,NX,Y,NY,NR)
      REAL X(NX), Y(NY), A(100), R(100)
      ENSURE THAT INPUT PARAMETERS ARE VALID
      IF (NX .GT. 0 .AND. NX .LT. 51 .AND. NY .GT. 0 .AND. NY .LT. 51)
      1 GO TO 4
      IF INPUT PARAMETERS ARE INVALID, RETURN ZERO FOR THE
      NUMBER OF RUNS
      NR = 0
      RETURN
      K=1
      PLACE ALL VALUES OF SAMPLE X IN VECTOR A

```

```

RUN 3620
RUN 3630
RUN 3640
RUN 3650
RUN 3660
RUN 3670
RUN 3680
RUN 3690
RUN 3700
RUN 3710
RUN 3720
RUN 3730
RUN 3740
RUN 3750
RUN 3760
RUN 3770
RUN 3780
RUN 3790
RUN 3800
RUN 3810
RUN 3820
RUN 3830
RUN 3840
RUN 3850
RUN 3860
RUN 3870
RUN 3880
RUN 3890
RUN 3900
RUN 3910
RUN 3920
RUN 3930
RUN 3940
RUN 3950
RUN 3960
RUN 3970
RUN 3980
RUN 3990
RUN 4000
RUN 4010
RUN 4020
RUN 4030
RUN 4040
RUN 4050
RUN 4060
RUN 4070
RUN 4080
RUN 4090
RUN 4100
RUN 4110
RUN 4120
RUN 4130
RUN 4140
RUN 4150
RUN 4160
RUN 4170
RUN 4180
RUN 4190
RUN 4200
RUN 4210
RUN 4220
RUN 4230
RUN 4240
RUN 4250
RUN 4260
RUN 4270
RUN 4280
RUN 4290
RUN 4300
RUN 4310
RUN 4320
RUN 4330
RUN 4340
RUN 4350
RUN 4360
RUN 4370
RUN 4380
RUN 4390
RUN 4400
RUN 4410
RUN 4420
RUN 4430
RUN 4440
RUN 4450
RUN 4460
RUN 4470
RUN 4480
RUN 4490
RUN 4500
RUN 4510
RUN 4520
RUN 4530
RUN 4540
RUN 4550
RUN 4560
RUN 4570
RUN 4580
RUN 4590
RUN 4600
RUN 4610
RUN 4620
RUN 4630
RUN 4640
RUN 4650
RUN 4660
RUN 4670
RUN 4680
RUN 4690
RUN 4700
RUN 4710
RUN 4720
RUN 4730
RUN 4740
RUN 4750
RUN 4760
RUN 4770
RUN 4780
RUN 4790
RUN 4800
RUN 4810
RUN 4820
RUN 4830

```

```

C      INDICATE SAMPLE VALUES FROM SAMPLE X BY A "1" IN VECTOR B      RUN 4840
C      DO 5 J=1,NX                                                    RUN 4850
C      A(K)=X(J)                                                       RUN 4860
C      B(K)=1.                                                         RUN 4870
C      K=K+1                                                            RUN 4880
C      PLACE ALL VALUES OF SAMPLE Y IMMEDIATELY BEHIND THE VALUES   RUN 4890
C      OF SAMPLE X IN VECTOR A. INDICATE SAMPLE VALUES FROM         RUN 4900
C      SAMPLE Y BY A "2" IN VECTOR B                                  RUN 4910
C      DO 6 J=1,NY                                                    RUN 4920
C      A(K)=Y(J)                                                       RUN 4930
C      B(K)=2.                                                         RUN 4940
C      K=K+1                                                            RUN 4950
C      K=K-1                                                            RUN 4960
C      SORT VECTOR A INTO ASCENDING ORDER                             RUN 4970
C      VECTOR B IS ALTERED IN PARALLEL WITH CHANGES IN VECTOR A     RUN 4980
C      CALL ASCORD (A,B,K)                                             RUN 4990
C      NN=NX+NY                                                        RUN 5000
C      TEST IS SET TO THE VALUE OF THE PRESENT RUN                   RUN 5010
C      TEST = B(1)                                                    RUN 5020
C      NR=1                                                            RUN 5030
C      DETERMINE THE NUMBER OF RUNS WHICH EXIST                       RUN 5040
C      DO 7 J=2, NN                                                    RUN 5050
C      CHECK IF SAME RUN                                              RUN 5060
C      IF(B(J) .EQ. TEST) GO TO 7                                      RUN 5070
C      INCREASE NUMBER OF RUNS                                         RUN 5080
C      NR=NR+1                                                         RUN 5090
C      SET TEST TO VALUE OF PRESENT RUN                               RUN 5100
C      TEST = B(J)                                                    RUN 5110
C      CONTINUE                                                         RUN 5120
C      RETURN                                                           RUN 5130
C      END                                                             RUN 5140
C      .....                                                         RUN 5150
C      SUBROUTINE ASCORD (A,KEY,N)                                     RUN 5160
C      REAL A(N), KEY (N)                                             RUN 5170
C      REAL IT                                                         RUN 5180
C      M1=1                                                            RUN 5190
C      IF(M1-N) 6,6,B                                                 RUN 5200
C      M1=M1/2-1                                                       RUN 5210
C      MM=MAX0(M1/2,1)                                                 RUN 5220
C      GO TO 21                                                         RUN 5230
C      MM=MM/2                                                         RUN 5240
C      IF(MM)100,100,21                                               RUN 5250
C      K=N-MM                                                           RUN 5260
C      DO 1 J=1,K                                                      RUN 5270
C      I1=J                                                            RUN 5280
C      I1=I1+MM                                                        RUN 5290
C      IF (A(I1) - A(I1)) 30,1,1                                       RUN 5300
C      TEMP=A(I1)                                                       RUN 5310
C      IT=KEY(I1)                                                       RUN 5320
C      A(I1)=A(I1)                                                      RUN 5330
C      KEY(I1)=KEY(I1)                                                  RUN 5340
C      A(I1)=TEMP                                                       RUN 5350
C      KEY(I1)=IT                                                       RUN 5360
C      I1=I1-MM                                                         RUN 5370
C      IF(I1) 1,1,11                                                  RUN 5380
C      1 CONTINUE                                                       RUN 5390
C      GO TO 20                                                         RUN 5400
C      100 RETURN                                                       RUN 5410
C      END                                                             RUN 5420
C      .....                                                         RUN 5430
C      SUBROUTINE COMBO (NN,KK,C)                                       RUN 5440
C      IMPLICIT REAL * 8 (A-H,O-Z)                                     RUN 5450
C      COMBINATIONS OF N THINGS K AT A TIME                           RUN 5460
C      N=NN                                                             RUN 5470
C      K=KK                                                             RUN 5480
C      C=1.                                                             RUN 5490
C      IF (N.GT. 0.AND.K.GE.0.AND.N.GE.K) GO TO 10                  RUN 5500
C      WRITE (6,15) N,K                                               RUN 5510
C      15 FORMAT ('0INVALID ARGUMENTS:  N=',I10,' K=',I10,          RUN 5520
C      1 ' RETURNED:  C = ',I1)                                       RUN 5530
C      RETURN                                                           RUN 5540
C      IF (K .EQ. 0 .OR. K .EQ. N) RETURN                             RUN 5550
C      J=N-K                                                            RUN 5560
C      IF (J-K) 20,20,30                                              RUN 5570
C      NL=J                                                             RUN 5580
C      IF (N-LE. NL) GO TO 40                                          RUN 5590
C      C=C*N                                                            RUN 5600
C      N=N-1                                                            RUN 5610
C      IF (K-LE. 1) GO TO 50                                          RUN 5620
C      C=C/K                                                            RUN 5630
C      K=K-1                                                            RUN 5640
C      IF (N.GT.NL.OR.K.GT.1) GO TO 60                               RUN 5650
C      NL=K                                                             RUN 5660
C      K=J                                                              RUN 5670
C      GO TO 60                                                         RUN 5680
C      END                                                             RUN 5690
C      .....                                                         RUN 5700
C      SUBROUTINE REJECT (M,N,NUMKJT)                                  RUN 5710
C      IMPLICIT REAL * 8 (A-H,O-Z)                                     RUN 5720
C      KTOTAL = M * N                                                  RUN 5730
C      IF (M .LT. N) GO TO 10                                          RUN 5740

```

	MM = N	RUN 6060
	NN = M	RUN 6070
	GO TO 20	RUN 6080
10	MM = N	RUN 6090
	NN = N	RUN 6100
20	CALL COMBO (KTOTAL, N, DIV)	RUN 6110
	SUM = 0.9	RUN 6120
	KU = 1	RUN 6130
22	KU = KU + 1	RUN 6140
	IF (KU/2 = 2 .EQ. KU) GO TO 25	RUN 6150
C		RUN 6160
C	KU IS ODD	RUN 6170
	K = (KU + 1) / 2	RUN 6180
	CALL COMBO (MM-1, K-1, FU)	RUN 6190
	CALL COMBO (NN-1, K-2, G)	RUN 6200
	CALL COMBO (MM-1, K-2, H)	RUN 6210
	CALL COMBO (NN-1, K-1, A)	RUN 6220
	FU = FU * G + H * A	RUN 6230
	GO TO 30	RUN 6240
C		RUN 6250
C	KU IS EVEN	RUN 6260
25	K = KU/2	RUN 6270
	CALL COMBO (MM-1, K-1, FU)	RUN 6280
	CALL COMBO (NN-1, K-1, G)	RUN 6290
	FU = 2. * FU * G	RUN 6300
30	SUM = SUM + FU	RUN 6310
	PROB = SUM / DIV	RUN 6320
	IF (PROB .LT. 0.05) GO TO 22	RUN 6330
	NUMRJT = KU - 1	RUN 6340
	RETURN	RUN 6350
	END	RUN 6360
C		RUN 6370
C		RUN 6380
C		RUN 6390
	*****	RUN 6400
		RUN 6410
		RUN 6420

APPENDIX D
SAMPLE COMPUTER OUTPUTS

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 789655
UNIFORM(1.050, 1.950) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 452001
NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000
HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS						
	SAMPLE I: SAMPLER II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
REJECTION REGION	NO. RUNS			FREQUENCIES		REJECTION REGION
	31	0	1	1	0	2
	32	4	4	4	4	16
	33	14	13	13	13	52
	34	1	1	1	1	4
	35	32	34	34	33	133
	36	2	3	3	2	10
	37	91	79	79	91	340
	38	7	8	8	7	30
	39	190	171	171	190	722
	40	12	11	11	12	58
ACCEPTANCE REGION	41	338	328	328	338	1332
	42	20	30	30	20	132
	43	476	521	521	476	1904
	44	31	44	44	31	150
	45	695	701	702	694	2702
	46	66	60	59	66	251
	47	751	721	730	754	2966
	48	62	64	66	62	254
	49	688	702	701	686	2777
	50	65	57	56	65	243
	51	544	563	563	544	2114
	52	41	47	47	41	176
	53	196	346	347	196	1465
	54	39	59	59	39	160
	55	424	213	214	424	875
	56	108	120	120	108	76
	57	11	11	11	11	47
	58	51	50	50	53	26
	59	8	9	8	8	206
	60	19	14	14	19	66
	61	2	0	0	2	16
	62	2	0	0	2	4
	63	2	0	0	2	4
	64	2	0	0	2	4
	65	2	0	0	2	4
	66	2	0	0	2	4
	67	2	0	0	2	4
	68	2	0	0	2	4
REJECTION PERCENTAGES:		7.06%	6.62%	6.62%	7.06%	6.44%

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 540017
UNIFORM(1.100, 1.900) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 452211
NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000
HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS						
	SAMPLE I: SAMPLER II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
REJECTION REGION	NO. RUNS			FREQUENCIES		REJECTION REGION
	31	2	0	0	2	4
	32	0	0	0	0	0
	33	26	23	23	26	98
	34	69	65	64	68	266
	35	130	130	134	130	524
	36	0	1	1	0	1
	37	274	281	281	274	1111
	38	1	1	1	1	4
	39	403	430	430	404	1647
	40	9	5	5	9	33
ACCEPTANCE REGION	41	649	675	667	647	2654
	42	3	1	1	3	12
	43	758	743	742	754	3001
	44	1	1	1	1	4
	45	103	768	762	104	414
	46	5	5	5	5	19
	47	165	673	674	164	678
	48	3	3	3	3	12
	49	632	640	640	630	2522
	50	10	10	10	10	40
	51	17	17	17	17	68
	52	3	3	3	3	12
	53	100	171	171	100	400
	54	0	0	0	0	0
	55	0	0	0	0	0
	56	0	0	0	0	0
	57	0	0	0	0	0
	58	0	0	0	0	0
	59	13	14	14	14	56
	60	2	0	0	2	8
	61	1	0	0	1	4
	62	1	0	0	1	4
	63	1	0	0	1	4
	64	1	0	0	1	4
	65	1	0	0	1	4
	66	1	0	0	1	4
	67	1	0	0	1	4
	68	1	0	0	1	4
REJECTION PERCENTAGES:		17.64%	18.92%	18.92%	17.64%	14.71%

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 665471
 UNIFORM(1.150, 1.850) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 453351
 NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000
 HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS						
SAMPLE I: SAMPLE II:		COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
REJECTION REGION	NO. RUNS			FREQUENCIES		REJECTION REGION
	25	0	3	0	6	
	27	2	9	2	22	
	29	17	14	16	62	
	31	44	30	30	149	
	33	109	115	114	446	
	35	216	190	191	813	
	37	462	335	335	1394	
	39	828	583	583	2222	
	41	710	737	738	2895	
ACCEPTANCE REGION	43	780	753	753	780	ACCEPTANCE REGION
	45	749	747	749	750	
	47	678	615	614	518	
	49	436	387	387	435	
	51	0	1	0	2	
	52	256	264	264	1040	
	53	1	0	0	1	
	54	124	133	133	514	
	55	62	62	62	248	
	57	18	14	14	64	
	59	5	5	5	20	
	61	1	3	3	4	
	63	2	0	0	2	
REJECTION PERCENTAGES:		39.76%	40.32%	40.34%	39.76%	40.34%

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 789655
 UNIFORM(1.200, 1.800) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 457776
 NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000
 HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS						
SAMPLE I: SAMPLE II:		COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
REJECTION REGION	NO. RUNS			FREQUENCIES		REJECTION REGION
	21	1	2	2	6	
	23	2	2	2	8	
	25	16	10	10	57	
	27	33	24	24	114	
	29	73	35	35	273	
	31	201	169	169	740	
	33	330	363	364	1186	
	35	539	512	512	2105	
	37	672	698	699	2742	
	39	783	764	765	3094	
	41	710	769	769	3078	
ACCEPTANCE REGION	43	658	602	601	2518	ACCEPTANCE REGION
	45	426	474	476	1827	
	47	456	271	273	1056	
	48	0	1	0	0	
	49	144	150	150	588	
	51	64	66	66	260	
	53	23	16	15	77	
	55	8	10	11	51	
	57	4	5	5	18	
	59	0	1	1	2	
REJECTION PERCENTAGES:		68.40%	67.98%	68.07%	68.42%	68.40%

UNI. -41 1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 540013
 UNIFORM(1.250, 1.750) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 200111

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS						
	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
REJECTION REGION	NO. RUNS			FREQUENCIES		REJECTION REGION
	19	3	5	5	3	16
	21	7	10	10	7	34
	23	37	33	33	37	140
	25	89	85	85	89	348
	27	205	187	187	205	784
	29	375	356	356	375	1462
	31	578	607	606	578	2369
	33	708	714	715	708	2845
	35	774	793	794	774	3135
	37	742	726	725	742	2935
	39	615	582	582	615	2394
	41	398	412	411	398	1619
ACCEPTANCE REGION	43	142	240	240	142	964
	45	138	152	153	138	581
	47	55	62	62	55	238
	49	22	16	16	22	78
	51	5	17	17	5	44
	53	4	2	2	4	12
	55	1	1	1	1	4
	59	1	0	0	1	2
REJECTION PERCENTAGES:		90.62%	90.20%	90.18%	90.62%	90.40%

UNIFORM(1.000, 2.000) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 665471
 UNIFORM(1.200, 1.700) SAMPLE SIZE = 50 RANDOM NUMBER SEED = 85473

NUMBER OF REPEATED SAMPLINGS REQUESTED IS 5000

HYPOTHESIS REJECTED FOR 42 OR LESS RUNS

FREQUENCY DISTRIBUTION OF RUNS						
	SAMPLE I: SAMPLE II:	COMMON COMMON	COMMON ANTITHETIC	ANTITHETIC COMMON	ANTITHETIC ANTITHETIC	
REJECTION REGION	NO. RUNS			FREQUENCIES		REJECTION REGION
	13	1	0	0	1	2
	15	3	2	2	3	10
	17	19	11	12	19	44
	19	50	45	45	50	192
	21	109	124	124	109	466
	23	247	218	218	247	931
	25	471	426	426	471	1854
	27	742	585	584	742	2952
	29	1045	717	723	1045	4054
	31	1452	845	843	1452	5670
	33	1736	737	737	1736	6647
	35	1744	550	561	1744	6688
	37	175	445	454	175	680
	39	170	229	229	170	617
	41	115	78	77	115	425
ACCEPTANCE REGION	43	49	52	51	49	189
	45	17	14	14	17	61
	47	6	1	1	6	22
	49	2	1	1	2	8
REJECTION PERCENTAGES:		98.74%	98.49%	98.48%	98.74%	98.61%

APPENDIX E
TABULATION OF COMPUTER RESULTS

NORMAL - SAMPLE SIZE 10

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTED	1.96%
N(0.0 , 1.00)	AGAINST	N(0.20 , 1.00)	REJECTED	2.35%
N(0.0 , 1.00)	AGAINST	N(0.40 , 1.00)	REJECTED	3.45%
N(0.0 , 1.00)	AGAINST	N(0.60 , 1.00)	REJECTED	5.94%
N(0.0 , 1.00)	AGAINST	N(0.80 , 1.00)	REJECTED	9.99%
N(0.0 , 1.00)	AGAINST	N(1.00 , 1.00)	REJECTED	16.32%
N(0.0 , 1.00)	AGAINST	N(1.20 , 1.00)	REJECTED	24.96%
N(0.0 , 1.00)	INST	N(1.40 , 1.00)	REJECTED	36.26%
N(0.0 , 1.00)	AGAINST	N(1.60 , 1.00)	REJECTED	48.45%
N(0.0 , 1.00)	AGAINST	N(1.80 , 1.00)	REJECTED	60.46%
N(0.0 , 1.00)	AGAINST	N(2.00 , 1.00)	REJECTED	72.90%
N(0.0 , 1.00)	AGAINST	N(2.20 , 1.00)	REJECTED	81.59%
N(0.0 , 1.00)	AGAINST	N(2.40 , 1.00)	REJECTED	88.61%
N(0.0 , 1.00)	AGAINST	N(2.60 , 1.00)	REJECTED	93.64%

NORMAL - SAMPLE SIZE 10

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.50)	REJECTED	2.11%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTED	2.61%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.50)	REJECTED	2.84%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTED	3.66%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.50)	REJECTED	4.34%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTED	5.14%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTED	7.13%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTED	8.42%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTED	10.44%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTED	13.42%

NORMAL - SAMPLE SIZE 12

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTED	4.45%
N(0.0 , 1.00)	AGAINST	N(0.20 , 1.00)	REJECTED	5.04%
N(0.0 , 1.00)	AGAINST	N(0.40 , 1.00)	REJECTED	6.76%
N(0.0 , 1.00)	AGAINST	N(0.60 , 1.00)	REJECTED	10.24%
N(0.0 , 1.00)	AGAINST	N(0.80 , 1.00)	REJECTED	15.65%
N(0.0 , 1.00)	AGAINST	N(1.00 , 1.00)	REJECTED	24.42%
N(0.0 , 1.00)	AGAINST	N(1.20 , 1.00)	REJECTED	35.71%
N(0.0 , 1.00)	AGAINST	N(1.40 , 1.00)	REJECTED	49.87%
N(0.0 , 1.00)	AGAINST	N(1.60 , 1.00)	REJECTED	64.78%
N(0.0 , 1.00)	AGAINST	N(1.80 , 1.00)	REJECTED	77.71%
N(0.0 , 1.00)	AGAINST	N(2.00 , 1.00)	REJECTED	86.80%
N(0.0 , 1.00)	AGAINST	N(2.20 , 1.00)	REJECTED	93.21%
N(0.0 , 1.00)	AGAINST	N(2.40 , 1.00)	REJECTED	96.95%

NORMAL - SAMPLE SIZE 15

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.50)	REJECTED	6.09%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTED	8.46%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.50)	REJECTED	11.71%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTED	15.41%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTED	22.78%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTED	29.19%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTED	36.91%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTED	41.55%
N(0.0 , 1.00)	AGAINST	N(0.0 , 8.00)	REJECTED	47.99%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTED	52.85%

NORMAL - SAMPLE SIZE 20

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.00)	REJECTED	3.65%
N(0.0 , 1.00)	AGAINST	N(0.10 , 1.00)	REJECTED	4.38%
N(0.0 , 1.00)	AGAINST	N(0.20 , 1.00)	REJECTED	4.07%
N(0.0 , 1.00)	AGAINST	N(0.40 , 1.00)	REJECTED	6.32%
N(0.0 , 1.00)	AGAINST	N(0.50 , 1.00)	REJECTED	7.56%
N(0.0 , 1.00)	AGAINST	N(0.60 , 1.00)	REJECTED	9.83%
N(0.0 , 1.00)	AGAINST	N(0.80 , 1.00)	REJECTED	17.18%
N(0.0 , 1.00)	AGAINST	N(1.00 , 1.00)	REJECTED	27.75%
N(0.0 , 1.00)	AGAINST	N(1.20 , 1.00)	REJECTED	41.72%
N(0.0 , 1.00)	AGAINST	N(1.40 , 1.00)	REJECTED	58.13%
N(0.0 , 1.00)	AGAINST	N(1.60 , 1.00)	REJECTED	73.25%
N(0.0 , 1.00)	AGAINST	N(1.80 , 1.00)	REJECTED	85.28%
N(0.0 , 1.00)	AGAINST	N(2.00 , 1.00)	REJECTED	93.63%
N(0.0 , 1.00)	AGAINST	N(2.20 , 1.00)	REJECTED	97.26%

NORMAL - SAMPLE SIZE 20

N(0.0 , 1.00)	AGAINST	N(0.0 , 1.10)	REJECTED	3.78%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.20)	REJECTED	3.91%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.30)	REJECTED	4.28%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.40)	REJECTED	5.08%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.50)	REJECTED	5.12%
N(0.0 , 1.00)	AGAINST	N(0.0 , 1.60)	REJECTED	5.45%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.00)	REJECTED	8.07%
N(0.0 , 1.00)	AGAINST	N(0.0 , 2.50)	REJECTED	11.18%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.00)	REJECTED	16.63%
N(0.0 , 1.00)	AGAINST	N(0.0 , 3.50)	REJECTED	19.34%
N(0.0 , 1.00)	AGAINST	N(0.0 , 4.00)	REJECTED	25.01%
N(0.0 , 1.00)	AGAINST	N(0.0 , 5.00)	REJECTED	33.72%
N(0.0 , 1.00)	AGAINST	N(0.0 , 6.00)	REJECTED	40.77%
N(0.0 , 1.00)	AGAINST	N(0.0 , 7.00)	REJECTED	47.44%
N(0.0 , 1.00)	AGAINST	N(0.0 , 8.00)	REJECTED	54.78%
N(0.0 , 1.00)	AGAINST	N(0.0 , 9.00)	REJECTED	58.84%

NORMAL - SAMPLE SIZE 50

NI 0.0 , 1.00)	AGAINST	NI 0.0 , 1.00)	REJECTED	3.84%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 2.00)	REJECTED	10.45%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 3.00)	REJECTED	24.65%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 4.00)	REJECTED	40.06%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 5.00)	REJECTED	56.31%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 6.00)	REJECTED	69.30%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 7.00)	REJECTED	76.39%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 8.00)	REJECTED	83.24%
NI 0.0 , 1.00)	AGAINST	NI 0.0 , 9.00)	REJECTED	87.83%

NORMAL - SAMPLE SIZE 50

NI 0.0 , 1.00)	AGAINST	NI 0.10 , 1.00)	REJECTED	4.83%
NI 0.0 , 1.00)	AGAINST	NI 0.20 , 1.00)	REJECTED	5.59%
NI 0.0 , 1.00)	AGAINST	NI 0.30 , 1.00)	REJECTED	7.69%
NI 0.0 , 1.00)	AGAINST	NI 0.40 , 1.00)	REJECTED	10.40%
NI 0.0 , 1.00)	AGAINST	NI 0.50 , 1.00)	REJECTED	14.65%
NI 0.0 , 1.00)	AGAINST	NI 0.60 , 1.00)	REJECTED	21.20%

UNIFORM - SAMPLE SIZE 10

UI 1.00 , 2.00)	AGAINST	UI 1.00 , 2.00)	REJECTED	1.96%
UI 1.00 , 2.00)	AGAINST	UI 1.10 , 2.10)	REJECTED	3.61%
UI 1.00 , 2.00)	AGAINST	UI 1.20 , 2.20)	REJECTED	8.81%
UI 1.00 , 2.00)	AGAINST	UI 1.30 , 2.30)	REJECTED	20.14%
UI 1.00 , 2.00)	AGAINST	UI 1.40 , 2.40)	REJECTED	36.58%
UI 1.00 , 2.00)	AGAINST	UI 1.50 , 2.50)	REJECTED	56.59%
UI 1.00 , 2.00)	AGAINST	UI 1.60 , 2.60)	REJECTED	77.24%
UI 1.00 , 2.00)	AGAINST	UI 1.70 , 2.70)	REJECTED	91.63%
UI 1.00 , 2.00)	AGAINST	UI 1.80 , 2.80)	REJECTED	98.47%
UI 1.00 , 2.00)	AGAINST	UI 1.90 , 2.90)	REJECTED	99.98%

UNIFORM - SAMPLE SIZE 10

UI 1.00 , 2.00)	AGAINST	UI 1.05 , 1.95)	REJECTED	1.90%
UI 1.00 , 2.00)	AGAINST	UI 1.10 , 1.90)	REJECTED	2.19%
UI 1.00 , 2.00)	AGAINST	UI 1.15 , 1.85)	REJECTED	3.13%
UI 1.00 , 2.00)	AGAINST	UI 1.20 , 1.80)	REJECTED	5.82%
UI 1.00 , 2.00)	AGAINST	UI 1.25 , 1.75)	REJECTED	10.62%
UI 1.00 , 2.00)	AGAINST	UI 1.30 , 1.70)	REJECTED	18.60%
UI 1.00 , 2.00)	AGAINST	UI 1.35 , 1.65)	REJECTED	34.54%
UI 1.00 , 2.00)	AGAINST	UI 1.40 , 1.60)	REJECTED	56.65%
UI 1.00 , 2.00)	AGAINST	UI 1.45 , 1.55)	REJECTED	84.02%

UNIFORM - SAMPLE SIZE 10

U(1.00, 2.00)	AGAINST	U(0.95, 2.05)	REJECTED	1.72%
U(1.00, 2.00)	AGAINST	U(0.90, 2.10)	REJECTED	1.96%
U(1.00, 2.00)	AGAINST	U(0.85, 2.15)	REJECTED	2.59%
U(1.00, 2.00)	AGAINST	U(0.80, 2.20)	REJECTED	3.13%
U(1.00, 2.00)	AGAINST	U(0.75, 2.25)	REJECTED	3.81%
U(1.00, 2.00)	AGAINST	U(0.70, 2.30)	REJECTED	4.45%
U(1.00, 2.00)	AGAINST	U(0.65, 2.35)	REJECTED	5.99%
U(1.00, 2.00)	AGAINST	U(0.60, 2.40)	REJECTED	7.01%
U(1.00, 2.00)	AGAINST	U(0.55, 2.45)	REJECTED	8.52%
U(1.00, 2.00)	AGAINST	U(0.50, 2.50)	REJECTED	10.25%
U(1.00, 2.00)	AGAINST	U(0.45, 2.55)	REJECTED	12.73%
U(1.00, 2.00)	AGAINST	U(0.40, 2.60)	REJECTED	13.40%
U(1.00, 2.00)	AGAINST	U(0.35, 2.65)	REJECTED	15.85%
U(1.00, 2.00)	AGAINST	U(0.30, 2.70)	REJECTED	16.95%
U(1.00, 2.00)	AGAINST	U(0.25, 2.75)	REJECTED	19.00%
U(1.00, 2.00)	AGAINST	U(0.20, 2.80)	REJECTED	19.44%
U(1.00, 2.00)	AGAINST	U(0.15, 2.85)	REJECTED	21.81%
U(1.00, 2.00)	AGAINST	U(0.10, 2.90)	REJECTED	25.22%
U(1.00, 2.00)	AGAINST	U(0.05, 2.95)	REJECTED	26.20%
U(1.00, 2.00)	AGAINST	U(0.0 , 3.00)	REJECTED	29.67%

UNIFORM - SAMPLE SIZE 15

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	4.52%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	6.52%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	14.19%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	30.67%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	54.56%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	77.15%
U(1.00, 2.00)	AGAINST	U(1.60, 2.60)	REJECTED	92.76%
U(1.00, 2.00)	AGAINST	U(1.70, 2.70)	REJECTED	98.78%

UNIFORM - SAMPLE SIZE 15

U(1.00, 2.00)	AGAINST	U(0.95, 2.05)	REJECTED	5.84%
U(1.00, 2.00)	AGAINST	U(0.90, 2.10)	REJECTED	8.82%
U(1.00, 2.00)	AGAINST	U(0.85, 2.15)	REJECTED	12.79%
U(1.00, 2.00)	AGAINST	U(0.80, 2.20)	REJECTED	16.81%
U(1.00, 2.00)	AGAINST	U(0.75, 2.25)	REJECTED	22.85%
U(1.00, 2.00)	AGAINST	U(0.70, 2.30)	REJECTED	27.68%
U(1.00, 2.00)	AGAINST	U(0.65, 2.35)	REJECTED	32.00%
U(1.00, 2.00)	AGAINST	U(0.60, 2.40)	REJECTED	38.29%
U(1.00, 2.00)	AGAINST	U(0.55, 2.45)	REJECTED	43.31%
U(1.00, 2.00)	AGAINST	U(0.50, 2.50)	REJECTED	47.92%
U(1.00, 2.00)	AGAINST	U(0.45, 2.55)	REJECTED	52.40%
U(1.00, 2.00)	AGAINST	U(0.40, 2.60)	REJECTED	56.47%
U(1.00, 2.00)	AGAINST	U(0.35, 2.65)	REJECTED	60.56%
U(1.00, 2.00)	AGAINST	U(0.30, 2.70)	REJECTED	63.69%
U(1.00, 2.00)	AGAINST	U(0.25, 2.75)	REJECTED	67.35%
U(1.00, 2.00)	AGAINST	U(0.20, 2.80)	REJECTED	70.50%
U(1.00, 2.00)	AGAINST	U(0.15, 2.85)	REJECTED	73.65%
U(1.00, 2.00)	AGAINST	U(0.10, 2.90)	REJECTED	75.77%
U(1.00, 2.00)	AGAINST	U(0.05, 2.95)	REJECTED	79.16%

UNIFORM - SAMPLE SIZE 15

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	6.41%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	10.15%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	18.22%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	31.37%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	47.73%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	67.17%
U(1.00, 2.00)	AGAINST	U(1.35, 1.65)	REJECTED	85.41%
U(1.00, 2.00)	AGAINST	U(1.40, 1.60)	REJECTED	95.95%
U(1.00, 2.00)	AGAINST	U(1.45, 1.55)	REJECTED	99.80%

UNIFORM - SAMPLE SIZE 20

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	3.88%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	6.23%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	17.53%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	39.78%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	66.84%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	87.77%
U(1.00, 2.00)	AGAINST	U(1.60, 2.60)	REJECTED	97.60%

UNIFORM - SAMPLE SIZE 20

U(1.00, 2.00)	AGAINST	U(0.95, 2.05)	REJECTED	5.05%
U(1.00, 2.00)	AGAINST	U(0.90, 2.10)	REJECTED	9.13%
U(1.00, 2.00)	AGAINST	U(0.85, 2.15)	REJECTED	13.61%
U(1.00, 2.00)	AGAINST	U(0.80, 2.20)	REJECTED	18.76%
U(1.00, 2.00)	AGAINST	U(0.75, 2.25)	REJECTED	25.46%
U(1.00, 2.00)	AGAINST	U(0.70, 2.30)	REJECTED	31.78%
U(1.00, 2.00)	AGAINST	U(0.65, 2.35)	REJECTED	38.44%
U(1.00, 2.00)	AGAINST	U(0.60, 2.40)	REJECTED	44.85%
U(1.00, 2.00)	AGAINST	U(0.55, 2.45)	REJECTED	51.37%
U(1.00, 2.00)	AGAINST	U(0.50, 2.50)	REJECTED	57.03%
U(1.00, 2.00)	AGAINST	U(0.45, 2.55)	REJECTED	62.66%
U(1.00, 2.00)	AGAINST	U(0.40, 2.60)	REJECTED	66.44%
U(1.00, 2.00)	AGAINST	U(0.35, 2.65)	REJECTED	70.22%
U(1.00, 2.00)	AGAINST	U(0.30, 2.70)	REJECTED	74.12%

UNIFORM - SAMPLE SIZE 20

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	5.43%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	10.45%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	20.97%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	35.81%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	54.79%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	76.47%
U(1.00, 2.00)	AGAINST	U(1.35, 1.65)	REJECTED	91.42%
U(1.00, 2.00)	AGAINST	U(1.40, 1.60)	REJECTED	98.81%

UNIFORM - SAMPLE SIZE 50

U(1.00, 2.00)	AGAINST	U(1.00, 2.00)	REJECTED	4.58%
U(1.00, 2.00)	AGAINST	U(1.10, 2.10)	REJECTED	21.60%
U(1.00, 2.00)	AGAINST	U(1.20, 2.20)	REJECTED	59.26%
U(1.00, 2.00)	AGAINST	U(1.30, 2.30)	REJECTED	89.85%
U(1.00, 2.00)	AGAINST	U(1.40, 2.40)	REJECTED	98.90%
U(1.00, 2.00)	AGAINST	U(1.50, 2.50)	REJECTED	99.96%

UNIFORM - SAMPLE SIZE 50

U(1.00, 2.00)	AGAINST	U(1.05, 1.95)	REJECTED	6.84%
U(1.00, 2.00)	AGAINST	U(1.10, 1.90)	REJECTED	18.71%
U(1.00, 2.00)	AGAINST	U(1.15, 1.85)	REJECTED	40.04%
U(1.00, 2.00)	AGAINST	U(1.20, 1.80)	REJECTED	68.20%
U(1.00, 2.00)	AGAINST	U(1.25, 1.75)	REJECTED	90.40%
U(1.00, 2.00)	AGAINST	U(1.30, 1.70)	REJECTED	98.61%

TRIANGULAR - SAMPLE SIZE 10
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 3.0, 3.0)	REJECTED	1.75%
T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.2, 3.2)	REJECTED	4.82%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.4, 3.4)	REJECTED	14.70%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.6, 3.6)	REJECTED	34.65%
T(1.0, 3.0, 3.0)	AGAINST	T(1.8, 3.8, 3.8)	REJECTED	60.45%
T(1.0, 3.0, 3.0)	AGAINST	T(2.0, 4.0, 4.0)	REJECTED	82.46%
T(1.0, 3.0, 3.0)	AGAINST	T(2.2, 4.2, 4.2)	REJECTED	95.00%

TRIANGULAR - SAMPLE SIZE 10
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.8, 2.8)	REJECTED	4.02%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.6, 2.6)	REJECTED	11.17%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.4, 2.4)	REJECTED	24.51%

TRIANGULAR - SAMPLE SIZE 10
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.0, 3.0)	REJECTED	2.00%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.0, 3.0)	REJECTED	2.44%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.0, 3.0)	REJECTED	4.02%

TRIANGULAR - SAMPLE SIZE 15
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 3.0, 3.0)	REJECTED	4.46%
T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.2, 3.2)	REJECTED	9.42%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.4, 3.4)	REJECTED	23.82%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.6, 3.6)	REJECTED	52.33%
T(1.0, 3.0, 3.0)	AGAINST	T(1.8, 3.8, 3.8)	REJECTED	79.58%
T(1.0, 3.0, 3.0)	AGAINST	T(2.0, 4.0, 4.0)	REJECTED	94.88%
T(1.0, 3.0, 3.0)	AGAINST	T(2.2, 4.2, 4.2)	REJECTED	99.42%

TRIANGULAR - SAMPLE SIZE 15
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.8, 2.8)	REJECTED	10.23%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.6, 2.6)	REJECTED	24.93%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.4, 2.4)	REJECTED	49.30%

TRIANGULAR - SAMPLE SIZE 15
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.0, 3.0)	REJECTED	4.95%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.0, 3.0)	REJECTED	6.07%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.0, 3.0)	REJECTED	6.70%

TRIANGULAR - SAMPLE SIZE 20
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 3.0, 3.0)	REJECTED	3.61%
T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.2, 3.2)	REJECTED	9.95%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.4, 3.4)	REJECTED	29.02%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.6, 3.6)	REJECTED	62.75%
T(1.0, 3.0, 3.0)	AGAINST	T(1.8, 3.8, 3.8)	REJECTED	89.33%
T(1.0, 3.0, 3.0)	AGAINST	T(2.0, 4.0, 4.0)	REJECTED	98.49%

TRIANGULAR - SAMPLE SIZE 20
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.8, 2.8)	REJECTED	13.31%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.6, 2.6)	REJECTED	29.47%
T(1.0, 3.0, 3.0)	AGAINST	T(1.0, 2.4, 2.4)	REJECTED	58.73%

TRIANGULAR - SAMPLE SIZE 20
ALL AREAS EQUAL ONE

T(1.0, 3.0, 3.0)	AGAINST	T(1.2, 3.0, 3.0)	REJECTED	4.25%
T(1.0, 3.0, 3.0)	AGAINST	T(1.4, 3.0, 3.0)	REJECTED	5.43%
T(1.0, 3.0, 3.0)	AGAINST	T(1.6, 3.0, 3.0)	REJECTED	8.83%

TRIANGULAR - SAMPLE SIZE 10
AREAS ARE PROPORTIONAL TO BASE LENGTHS

T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.0, 3.0)	REJECTED	1.80%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.2, 3.0)	REJECTED	2.28%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.4, 3.0)	REJECTED	3.32%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.6, 3.0)	REJECTED	5.21%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.8, 3.0)	REJECTED	7.39%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.2, 3.0)	REJECTED	14.62%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.4, 3.0)	REJECTED	18.99%

TRIANGULAR - SAMPLE SIZE 10
AREAS ARE PROPORTIONAL TO BASE LENGTHS

T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.0, 3.0)	REJECTED	4.22%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.2, 3.0)	REJECTED	5.75%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.4, 3.0)	REJECTED	7.42%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.6, 3.0)	REJECTED	10.77%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 1.8, 3.0)	REJECTED	14.80%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.0, 3.0)	REJECTED	19.72%
T(1.0, 1.0, 3.0)	AGAINST	T(1.0, 2.2, 3.0)	REJECTED	25.29%

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