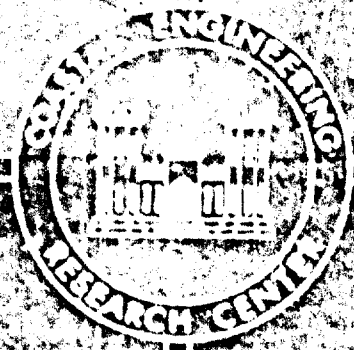


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U.S. Army Coastal Engineering Research Center

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TABLES OF THE STATISTICAL DISTRIBUTION OF OCEAN WAVE FORCES and METHODS OF ESTIMATING DRAG AND MASS COEFFICIENTS

TECHNICAL MEMORANDUM NO. 2
OCTOBER 1967

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OCTOBER, 1967

TECHNICAL MEMORANDUM NO. 24

**TABLES OF THE
STATISTICAL DISTRIBUTION
OF OCEAN WAVE FORCES
and
METHODS OF ESTIMATING
DRAG AND MASS COEFFICIENTS**

by

L. J. Brown and L. E. Borgman



U. S. ARMY

COASTAL ENGINEERING RESEARCH CENTER

ABSTRACT

This paper reviews the statistical distribution of ocean wave forces based on the formulas of earlier investigations. Throughout the paper a Gaussian sea surface is assumed. Tables are presented which give the probability density and distribution function of wave forces, particularly for use with piles and pile structures. The density and distribution function are shown to depend on a single parameter α . The tables obviate the laborious numerical computations required in previous studies, and are useful to some extent in engineering design. Since the tabulations pertain to very fundamental statistical properties of the forces, it is expected that applicability to design problems will be extended by further investigations.

Five methods for the estimation of C_D and C_M are given; (1) by the method of moments, (2) by least squares fitting of the covariance function, (3) by least squares fitting of the spectral densities, (4) by use of the cross-spectral density between the force and surface profile, and (5) by the method of moments for the case of a steady current. The first four procedures assume a zero current. Several examples utilizing wave forces measured near Davenport, California are given as illustrations of the use of the tables and methods. The method of moments was found to be easiest to apply but the least squares methods appeared to give more consistent and trustworthy results. The frequency-dependent estimates of C_D and C_M determined from cross-spectral analysis lead to highly interesting but as yet unanswered speculations. An appendix lists the relations between the cross-spectral densities of the more frequently encountered wave properties.

FOREWORD

This paper was prepared by Lloyd J. Brown and Professor Leon E. Borgman of the Department of Mathematics, University of California, Davis, California. The project was supported, in part, by funds from the Coastal Engineering Research Center under Contract DA-49-055-CIV-ENG-64-6 with the University of California.

At the time this report was completed, Colonel F. O. Diercks was Director of the Center; J. M. Caldwell was Chief Technical Advisor.

NOTE: Comments on this publication are invited. Discussion will be published in the next issue of the CERC Bulletin.

This report is published under authority of Public Law 166, 79th Congress, approved July 31, 1945, as supplemented by Public Law 172, 88th Congress, approved November 7, 1963.

List of Symbols

$A(x,y,z,t)$	= *water particle local acceleration, p. 2
A	= see p. 21
B	= see p. 21
C	= $C_D WD/2g$, p. 2 and p. 8
C_D	= drag coefficient, p. 8
C_M	= mass coefficient, p. 8
$C_X(\tau)$	= covariance function of the random variable X, p. 10
$C_{XY}(\tau)$	= cross-covariance function of the random variables X and Y, p. 15
C_a	= abbreviation for $C_a(\tau_i)$, p. 13
C_ϕ	= abbreviation for $C_\phi(\tau_i)$, p. 13
$c_2(f)$	= one sided co-spectral density between η and ϕ , p. 17
$\bar{C}(f)$	= see p. 18, eq. 3.24
D	= pile diameter, p. 8
D	= special quantity in the computations, p. 13
D	= special computational quantity, p. 21
d	= water depth, p. 9
E	= special quantity in the computations, p. 13
$E[\cdot]$	= Expectation operator, appendix C
$F[\cdot]$	= Fourier transform operator, p. 11, 12
$F_X(x)$	= distribution function of the random variable X, p. 5
$f_X(x)$	= probability density function of the random variable X, p. 5
f	= frequency in cycles/second, p. 11
$f(u)$	= arbitrary functions in a definition, p. 12

G	= abbreviation for $G(C_v(\tau_1)/\sigma^2)$, p. 13
$G(r)$	= $\frac{1}{\pi}[(2+4r^2)\sin^{-1}r + 6r\sqrt{1-r^2}]$, p. 11
g	= acceleration due to gravity, p. 8
$g(u)$	= arbitrary function in a definition, p. 12
K	= $C_M W D^2 \pi / 4g$, p. 2 and p. 8
k	= wave number, p. 9
M	= abbreviation for $F[G(C_v(\tau_1)/\sigma^2)] \Big _{f=f_i}$, p. 13
$m(x,y,z,t)$	= *mean current velocity, p. 3
N	= number of measurements of Φ , p. 8 and p. 22
$P(Y)$	= $\int_0^Y Z(y)dy$, p. 21
$P_X(f)$	= spectral density of X, p. 8 and p. 11
$P_{XY}(f)$	= cross spectral density of X and Y, appendix C
P_{Φ}	= abbreviation for $P_{\Phi}(f_i)$, p. 13
P_a	= abbreviation for $P_a(f_i)$, p. 13
Q	= see p. 9 and table IV
$\bar{Q}(f)$	= see p. 18, eq. 3.24
Q_v, Q_a	= see p. 11, 12
$q_2(f)$	= one sided quad-spectral density between η and Φ , p. 17
R	= see p. 9 and table IV
$R_1(\gamma, \alpha/\gamma)$	= $(\bar{\phi})^2 / \bar{\phi}^2$, p. 22 and table V
$R_2(\gamma, \alpha/\gamma)$	= $\bar{\phi}^2 / \bar{\phi}^4$, p. 22 and table VI
r	= correlation coefficient between X and Y, p. 14
r	= argument of the function $G(r)$, p. 11
T	= see p. 9 and table IV

$U(a,x), V(a,x)$ = parabolic cylinder functions, p. 5
 $V(x,y,z,t)$ = *water particle local velocity, p. 2
 v = a realization of the random variable, V , p. 14
 W = specific weight of water, p. 8
 W = an arbitrary random variable symbol, p. 14
 X = an arbitrary random variable, p. 4
 x = a realization of the random variable, X , p. 4
 Y = $\Phi/\rho K$, p. 5
 y = a realization of the random variable Y
 Z = $Y/\sqrt{\frac{3}{4\alpha^2} + 1}$, p. 6
 z = a realization of the random variable Z
 $Z(Y)$ = $\frac{1}{\sqrt{2\pi}} e^{-Y^2/2}$, p. 21
 z = height above bottom at which force measured, p. 9
 α = $\rho K/2C\sigma^2$, p. 5
 γ = m/σ , p. 21
 Δ = spatial separation between force and surface profile, p. 16
 $\eta(x,y,t)$ = *surface profile, p. 8
 μ_x = expectation of X , p. 14
 μ_y = expectation of Y , p. 14
 π = 3.14159...
 ρ^2 = *variance of the acceleration, p. 3
 σ^2 = *variance of the velocity, p. 3
 σ_x = standard deviation of X , p. 14

σ_y = standard deviation of Y, p. 14
 τ = time lag in covariance function
 τ_i = the i-th value of τ in a set of values
 $\Phi(x,y,z,t)$ = *force on pile, p. 2
 ϕ = a realization of the random variable, Φ
 ϕ_i = the i-th measurement of the random variable, Φ
 $\bar{\phi}^i$ = i-th sample moment of Φ (may be central or noncentral),
 ψ = random phase in the pseudo-integral, p. 16
 ω = $2\pi f$ frequency in radius/sec., p. 9
 $\wedge$ denotes an estimate of the quantity under the symbol. Thus $\hat{\rho K}$ would stand for an estimate of ρK . The estimates are usually given as a formula expressed in terms of measured data.
 *means some of the arguments may be suppressed, as $\sigma^2(x,y,z,t), = \sigma^2$

CONTENTS

	Page
1. Introduction	1
2. Probability Density and Distribution Function of Wave Forces . .	4
3. Estimation of Coefficients for $m = 0$	7
a. Method of Moments	7
b. Least Squares Fit to Covariance Functions or Spectral Densities	10
c. Cross-Spectral Methods	14
4. Estimation of Coefficients for $m \neq 0$	20
a. An Application of Sections 2 and 3	24
5. References	26
Appendix A Probability Densities	28
Appendix B Distribution Function of ϕ	88
Appendix C Interspectral Relations for Wave Properties	142
Appendix D Tables for Method of Moments Estimation	149

ILLUSTRATIONS

Figure	Page
1 Frequency Dependent Values of C_D and C_M from Roll 10	19
2 Determination of α and γ Graphically	23
3 A Histogram of Forces for Roll 10 and the Theoretical Density for $\alpha = 0.5$	25

Table		Page
I Probability Densities		29
II Distribution Functions for Wave Forces		89
III Spectral Formulas		146
IV Values of $Q(\alpha)$, $T(\alpha)$, and $R(\alpha)$ for the Method of Moments with $M = 0$		150
V The Function $R_1(\gamma, \alpha/\gamma)$ for the Method of Moments with $M = 0$		151
VI The Function $R_2(\gamma, \alpha/\gamma)$ for the Method of Moments with $M \neq 0$		152

TABLES OF THE STATISTICAL DISTRIBUTION
OF OCEAN WAVE FORCES AND METHODS FOR
THE ESTIMATION OF C_D AND C_M^*

Lloyd J. Brown
Leon E. Borgman
Department of Mathematics
University of California, Davis

Abstract

This paper reviews the statistical distribution of ocean wave forces from Borgman (1965), based on the Morrison type formula, Weigel (1964), and gives tables of the probability density and distribution function of wave forces. A Gaussian sea surface is assumed throughout the paper. The density and distribution function are shown to depend on a single parameter α . The tables obviate the laborious numerical computations required in previous studies, Pierson and Holmes (1965).

Five methods for the estimation of C_D and C_M are given; (1) by the method of moments, (2) by least squares fitting of the covariance function, (3) by least square fitting of the spectral densities, (4) by the use of the cross-spectral density between the force and surface profile and (5) by the method of moments for the case where a steady current is present. The first four procedures assume a zero current. Several examples utilizing wave forces measured near Davenport, California (Weigel (1957)) are given as illustrations of the use of the tables and methods. The method of moments was found to be easiest to apply but the least square methods appeared

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to give more consistent and trustworthy results. The frequency-dependent estimates of C_D and C_M determined from cross-spectral analysis lead to highly interesting but as yet unanswered speculations. In an appendix are listed the relations between the cross-spectral densities of the more frequently encountered wave properties.

1. Introduction

A statistical theory for the force on a submerged object, caused by ocean waves has been developed by Pierson (1963), Pierson and Holmes (1965), and Borgman (1965). The basic underlying assumptions for the theory are that: (a) the sea surface is a stationary, Gaussian stochastic process, Pierson (1954), and (b) the force is determined by the conventional engineering formula (Wiegel, 1964, p. 250)

$$\Phi = C|V|V + KA \quad (1.1)$$

where

V = water particle velocity

and

A = water particle local acceleration .

Both V and A are taken to be the values that would be present at the position of the object if the object were not there.

The theory developed by Borgman is somewhat more general, with the assumption (a') V and A are a two-component Gaussian (not necessarily sta-

tionary) stochastic process over the space and time coordinates, (b') at a fixed space position, (x,y,z) , and instant in time, t , the random variables V and A are independent with means $m(x,y,z,t)$ and 0 , respectively, and variances $\sigma^2(x,y,z,t)$ and $\rho^2(x,y,z,t)$, respectively, and (c') the force formula given by (1.1) holds. However, in the analysis of data this degree of generality is not required and in the following stationarity will be assumed.

If the random sea is stationary in x , y , and t , and if the force is being considered at a fixed value of z , then the variances of the velocity and acceleration at that value of z will be specified by σ^2 and ρ^2 , respectively. The arguments are understood, but not written.

To facilitate the comparison of the theory with data, a number of tables have been computed. These include the probability density and distribution function for a normed version of the force Φ , various tables simplifying the determination of parameters by the method of moments, and certain functions arising in the computation of the covariance and spectral density of the force.

The tables are also useful to some extent in engineering design. Since the tabulations pertain to very fundamental statistical properties of the forces, it is expected that their applicability to design problems will be extended by further investigations.

The ultimate usefulness of the statistical relations and tables presented is difficult to evaluate, although preliminary indications are favorable. The importance of the assumptions and approximations involved in the statistical model can really only be tested against an extensive array of data. Hence the complete answer will have to await the availability of reliable wave force data measured in a wide range of random sea conditions.

2. The Probability Density and Distribution

Function of Wave Forces

Let X be a random variable. The distribution function of X , $F_X(x)$, is defined to be the probability that the random variable X is less than or equal to x .

$$F_X(x) = P[X \leq x]$$

If X is a continuous random variable, (that is in some interval X could conceivably take any value there), then under most circumstances X possesses a probability density function, $f_X(x)$, defined by

$$F_X(x) = \int_{-\infty}^x f_X(t) dt \quad \text{or} \quad f_X(x) = \frac{d}{dx} F_X(x) .$$

Intuitively $f_X(x) \cdot dx$ is the probability that X falls in a small interval of length dx about x .

One particular example is the normal or Gaussian probability law, which has probability density function

$$f_X(x) = \frac{1}{\sqrt{2\pi}\sigma} e^{-\frac{1}{2}\left(\frac{x-m}{\sigma}\right)^2}$$

m is called the mean of X and σ^2 the variance of X . In general we have

$$\begin{aligned} m = \text{mean of } X &= \int_{-\infty}^{\infty} x f_X(x) dx \\ \text{variance of } X &= \int_{-\infty}^{\infty} (x-m)^2 f_X(x) dx \end{aligned}$$

This says that m is the "average" value of X , and σ^2 is the "average" square deviation from the mean.

Let V and A be independent and normally distributed with means zero and variances σ^2 and ρ^2 , respectively. Then the random variable

$$\begin{aligned} Y = \frac{\phi}{\rho K} &= \frac{CV|V| + KA}{\rho K} \\ &= \frac{C}{\rho K} V|V| + \frac{A}{\rho} \end{aligned} \quad (2.1)$$

has a probability density (Borgman, 1965, eq. 4.7)

$$f_Y(y) = \sqrt{\frac{\alpha}{8\pi}} e^{-y^2/2} \left\{ e^{\frac{(\alpha+y)^2}{4}} U(0, \alpha+y) + e^{\frac{(\alpha-y)^2}{4}} U(0, \alpha-y) \right\} \quad (2.2)$$

where

$$\alpha = \frac{\rho K}{2C\sigma^2} \quad (2.3)$$

and $U(0,x)$ is one of the parabolic cylinder functions $U(a,x)$ and $V(a,x)$ tabled by Miller (1964).

In tables of the parabolic cylinder functions the second argument is positive, but for our special case this can be avoided since $U(0,-x) = \sqrt{\pi} V(0,x)$. The variance of Y (Borgman, 1965, eq. 4.22) is

$$\text{var } Y = \frac{3}{4\alpha^2} + 1 \quad (2.4)$$

Hence the random variable

$$Z = Y / \sqrt{\frac{3}{4\alpha^2} + 1} \quad (2.5)$$

will have mean zero and variance 1.0. The variable Z also has stable limits as α tends to zero and infinity (Borgman, 1965, eqs. 4.27 and 4.28). Let $f_Z(z)$ be the probability density of Z . Then

$$f_Z(z) = \sqrt{\frac{3}{4\alpha^2} + 1} \cdot f_Y\left(Z \sqrt{\frac{3}{4\alpha^2} + 1}\right) \quad (2.6)$$

$$\lim_{\alpha \rightarrow 0} f_Z(z) = 3^{1/4} (8\pi)^{-1/2} |z|^{-1/2} \exp[-3^{1/2} |z| / 2] \quad (2.7)$$

$$\lim_{\alpha \rightarrow \infty} f_Z(z) = (2\pi)^{-1/2} \exp[-z^2/2] \quad (2.8)$$

(i.e., standard normal) .

Thus the probability density and distribution function of Z are easier to tabulate than the corresponding functions for Y and are given in Appendix A and B, respectively. Each page gives the values for a different α . The first two digits of z are shown in the left-hand column of the table and the column headings give the third digit of z . As an example, if $\alpha = .26$, then

$$f_Z(2.66) = .016$$

$$F_Z(2.66) = .985 .$$

The functions for Z can be converted to functions for Φ by the transformations

$$f_{\phi}(\phi) = \left(2\alpha / \rho K \sqrt{4\alpha^2 + 3} \right) f_Z \left(2\alpha \phi / \rho K \sqrt{4\alpha^2 + 3} \right) \quad (2.9)$$

$$F_{\phi}(\phi) = F_Z \left(2\alpha \phi / \rho K \sqrt{4\alpha^2 + 3} \right) . \quad (2.10)$$

For example, if $\alpha = .60$ and $\rho k = .50$ then

$$\frac{2\alpha}{\rho K \sqrt{4\alpha^2 + 3}} = \frac{2(.60)}{(.50) \sqrt{4(.60)^2 + 3}} = \frac{1.20}{(.5) \sqrt{4.44}} = 1.14$$

and

$$\begin{aligned} f_{\phi}(2.0) &= 1.14 f_Z[(1.14)(2.0)] = 1.14 f_Z(2.28) \\ &= 1.14(0.024) = .027 \end{aligned}$$

$$F_{\phi}(2.0) = F_Z(2.28) = .981$$

3. Estimation of Coefficients for m = 0

a. Parameter Estimation by the Method of Moments

Under the assumptions of section 2, the theoretical force moments are given by (Borgman, 1965, 4.21-3)

$$E[\phi] = E[\phi^3] = 0^*$$

$$E[\phi^2] = \rho^2 K^2 + 3C^2 \sigma^4$$

$$E[\phi^4] = 3(\rho^4 K^4 + 6C^2 \sigma^4 \rho^2 K^2 + 35C^4 \sigma^8) \quad (3.1)$$

*For an explanation of the operator $E[\cdot]$ see Appendix C.

In order to estimate $\rho^2 K^2$ and $C^2 \sigma^4$, the second and fourth central sample moments, $\overline{\phi^2}$ and $\overline{\phi^4}$, are equated to the corresponding theoretical moments. The solution of the resulting equations is,

$$\begin{aligned}\hat{C^2 \sigma^4} &= \{[\overline{\phi^4} - 3(\overline{\phi^2})^2]/78\}^{1/2} \\ \hat{\rho^2 K^2} &= \overline{\phi^2} - 3C^2 \sigma^4\end{aligned}\quad (3.2)$$

and

$$\hat{\alpha} = [\rho^2 K^2 / 4C^2 \sigma^4]^{1/2}$$

where $\hat{a} = b$ means that b is an estimate of a .

If ρ and σ can be determined, then (3.2) can be used to estimate C_D and C_M through the equations

$$\begin{aligned}C &= C_D W D / 2g \\ K &= C_M W D^2 \pi / 4g\end{aligned}$$

where

W = specific weight of water

g = acceleration of gravity

D = pile diameter.

The spectral density, $P_{\eta}(f)$ of the sea surface profile as determined by the methods of Blackman and Tukey (1959, p. 52-4) provides a starting place for approximating ρ and σ .

* If $\phi_1, \phi_2, \dots, \phi_n$ is a sample, the central sample moments are defined by

$$\overline{\phi^2} = \sum_{i=1}^N (\phi_i - \bar{\phi})^2 / N \quad \text{and} \quad \overline{\phi^4} = \sum_{i=1}^N (\phi_i - \bar{\phi})^4 / N$$

where $\bar{\phi} = \sum_{i=1}^N \phi_i / N$.

From Appendix C

$$\sigma^2 = 2 \int_0^\infty \frac{\omega^2 \cosh^2 kz}{\sinh^2 kd} P_\eta(f) df \quad (\omega = 2\pi f)$$

and

$$\rho^2 = 2 \int_0^\infty \frac{\omega^4 \cosh^2 kz}{\sinh^2 kd} P_\eta(f) df \quad (3.3)$$

where k is the solution of the equation

$$\omega^2 = g k \tanh kd$$

and

d = water depth

z = height of the instrument above the sea floor.

Thus ρ^2 and σ^2 as well as C_D and C_M may be estimated.

In order to ease the calculations several intermediate quantities have been tabulated. These are

$$Q = \overline{\phi^4} / (\overline{\phi^2})^2$$

$$R = 1 / (4\alpha^2 + 3)$$

$$T = 4\alpha^2 / (4\alpha^2 + 3)$$

After calculating Q one reads the corresponding values of α , R and T from Table IV of Appendix D. Then

$$\hat{\rho^2_k} = \overline{\phi^2} \cdot T$$

$$\hat{C^2_\sigma} = \overline{\phi^2} \cdot R$$

As an example suppose $\overline{\phi^2} = 1.50$ and $\overline{\phi^4} = 20.00$, then
 $Q = 20.00/(1.5)^2 = 8.89$.

Entering the table we obtain $\alpha = .40$, $T = .176$, $R = .2747$ and hence

$$\begin{aligned}\hat{\alpha} &= .40 \\ \hat{\rho}_K &= \sqrt{(1.5)(.176)} = \sqrt{.265} = .51 \\ \hat{\sigma}^2 &= \sqrt{(1.5)(.2747)} = \sqrt{.412} = .64\end{aligned}$$

b. Least Squares Estimation of C_D and C_M
by Spectra or Covariance Fitting

Let $V(t)$ and $A(t)$ be stationary, real, mean zero, Gaussian stochastic processes with covariance matrix

$$E \begin{bmatrix} \begin{pmatrix} V(t) \\ A(t) \end{pmatrix} \begin{pmatrix} V(t+\tau) \\ A(t+\tau) \end{pmatrix} \end{bmatrix} = \begin{pmatrix} C_V(\tau) & C_{va}(\tau) \\ C_{av}(\tau) & C_a(\tau) \end{pmatrix} \quad (3.4)$$

and $\text{var } V = \sigma^2$ and $\text{var } A = \rho^2$. (Note: By stationarity, $C_{va}(\tau) = C_{av}(-\tau)$.
 Furthermore, by Borgman, (1965, eq. 3.3), $C_{va}(\tau) = -C_{av}(\tau)$.)

Then if the force $\phi(t)$ is given by (1.1), the covariance function* of ϕ is given by Borgman, (1965, eq. 6.2). After simplifications for the case $\gamma=0$ and $C_{va}(\tau) = -C_{av}(\tau)$

$$C_\phi(\tau) = C^2 \sigma^4 G(C_V(\tau)/\sigma^2) + K^2 C_a(\tau) \quad (3.5)$$

*In the notation of appendix C

$$C_\phi(\tau) = E[\phi(t)\phi(t+\tau)].$$

That is, the average lagged product of the deviations from the mean (here mean of $\phi(t) = 0$).

where

$$G(r) = \frac{1}{\pi}[(2+4r^2)\sin^{-1}r + 6r\sqrt{1-r^2}] \quad (3.6)$$

Taking the Fourier transform of (3.5) yields a corresponding relationship among the spectral densities.

$$P_{\Phi}(f) = C^2 \sigma^4 F[G(C_V(\tau)/\sigma^2)] + K^2 P_a(f) \quad (3.7)$$

where P_{Φ} and P_a are the force and accelerations spectral densities, respectively, and F indicates the Fourier transform.

Equations (3.5) and (3.7) are the fundamental relations that allow us to fit C and K .

From simultaneous records of forces Φ and surface profile η the covariance functions C_{Φ} and C_{η} and spectral densities P_{Φ} and P_{η} can be estimated in the usual manner (Blackman and Tukey).

From Appendix C

$$P_v(f) = \frac{\omega^2 \cosh^2 kz}{\sinh^2 kd} P_{\eta}(f) \quad (3.8)$$

and

$$P_a(f) = \frac{\omega^4 \cosh^2 kz}{\sinh^2 kd} P_{\eta}(f) \quad (3.9)$$

It will be assumed that $P_{\eta}(f)$ decreases to zero sufficiently fast as f grows increasingly large so that the multiplier of $P_{\eta}(f)$ in (3.8) and (3.9) can be replaced by zero for f very large (say greater than f_0). Let

$$Q_v = \begin{cases} \omega^2 \cosh^2 kz / \sinh^2 kd & \text{if } f \leq f_0 \\ 0 & \text{if } f > f_0 \end{cases}$$

$$Q_a = \begin{cases} \omega^4 c c \sinh^2 kz / \sinh^2 kd & \text{if } f \leq f_0 \\ 0 & \text{if } f > f_0 \end{cases}$$

Then, to all intents and purposes,

$$P_v(f) = Q_v(f) P_\eta(f) \quad (3.8')$$

$$P_a(f) = Q_a(f) P_\eta(f) \quad (3.9')$$

Taking the Fourier transform of (3.8') and (3.9') and making use of the convolution* property of Fourier transforms (i.e., $F[f \cdot g] = F[f] * F[g]$) (Bracewell, 1965, p. 110)

$$C_v(\tau) = F[Q_v(f)] * C_\eta(\tau) \quad (3.10)$$

and

$$C_a(\tau) = F[Q_a(f)] * C_\eta(\tau) \quad (3.11)$$

Note that the first term on the right-hand side of (3.10) and (3.11) is a deterministic function of τ .

Since $C_v(0) = \sigma^2$ and $C_r(0) = \rho^2$, all of the quantities in equations (3.5) and (3.7) are known except C and K which it is desired to estimate.

Using (3.5) and the least squares principle of estimation, we minimize

$$\sum_i [C_\Phi(\tau_i) - C^2 \sigma^4 G(C_v(\tau_i)/\sigma^2) - K^2 C_a(\tau_i)]^2.$$

Differentiating with respect to C^2 and K^2 and solving the two equations in two unknowns yields the solutions

*The convolution of two functions $f(x)$ and $g(x)$ is defined to be

$$f(u) * g(u) = \int_{-\infty}^{\infty} f(u-t)g(t)dt.$$

$$\hat{C}^2 = \{[\Sigma C_a^2][\Sigma C_\phi G] - [\Sigma C_a G][\Sigma C_\phi C_a]\}/\sigma^4 D \quad (3.12)$$

and

$$\hat{K}^2 = \{[\Sigma G^2][\Sigma C_\phi C_a] - [\Sigma C_a G][\Sigma C_\phi G]\}/D \quad (3.13)$$

where

$$D = \{[\Sigma G^2][\Sigma C_a^2] - [\Sigma C_a G]^2\}$$

and C_a , C_ϕ , G are shorthand for $C_a(\tau_i)$, $C_\phi(\tau_i)$ and $G(C_v(\tau_i)/\sigma^2)$, respectively.

Using (3.7) and minimizing

$$\sum_i [P_\phi(f_i) - C^2 \sigma^4 F[G(C_v(\tau_i)/\sigma^2)] - K^2 P_a(f_i)]^2$$

in a similar manner the solutions

$$\hat{C}^2 = \{[\Sigma P_a^2][\Sigma P_\phi M] - [\Sigma P_a M][\Sigma P_\phi P_a]\}/\sigma^4 E \quad (3.14)$$

$$\hat{K}^2 = \{[\Sigma M^2][\Sigma P_\phi P_a] - [\Sigma P_a M][\Sigma P_\phi M]\}/E \quad (3.15)$$

may be obtained where $E = \{[\Sigma M^2][\Sigma P_a^2] - [\Sigma M P_a]^2\}$ and P_a , P_ϕ , M are shorthand for $P_a(f_i)$, $P_\phi(f_i)$ and $F[G(C_v(\tau_i)/\sigma^2)]|_{f=f_i}$, respectively.

Both of these methods have been used quite successfully. The values of C_D and C_M obtained by spectral density and covariance fitting are quite consistent ($\pm 5\%$) and also agree well with the method of moments estimators (see §5).

c. Cross Spectral Estimation of C and K

In the usual statistical theory for ocean waves, $V(t_1)$, $A(t_2)$ and the surface profile $\eta(t_3)$ have a multivariate Gaussian distribution. This can be used to obtain the covariance between the force ϕ and the sea surface elevations, $\eta(t)$, as measured from mean water level.

By Mood and Graybill (1963, theorem 9.3), if two random variables X and Y have a bivariate Gaussian probability distribution, the conditional expectation of X , given a particular value of Y as having been observed, is $\mu_x + (r\sigma_x/\sigma_y)(y-\mu_y)$. In this expression, μ_x and μ_y are the expectations of X and Y , respectively, and σ_x and σ_y are the corresponding standard deviations of X and Y . The symbol r denotes the correlation coefficient which is defined as

$$r = \frac{\text{covariance}(X, Y)}{\sigma_x \sigma_y} .$$

In terms of the notation in the present paper as applied to $X=\eta$ and $Y=V(t)$, one would have $\mu_x = \mu_\eta = 0$, $\mu_y = \mu_V = 0$, $\sigma_y = \sigma_V = \sigma$, $\sigma_x = \sigma_\eta$, $r = C_{\eta V}/(\sigma\sigma_\eta)$ and the conditional expectation of η given V would be $(C_{\eta V}/\sigma_\eta)V/\sigma^2$ or $(C_{\eta V}V)/\sigma^2$. This will be used in the derivation below. Another property that will also be utilized is (Mood and Graybill, op. cit., theorem 5.8)

$$E(W) = E[E(W|Y)] .$$

This will be applied with $W = \eta V/V$. Hence

$$\begin{aligned}
E(\eta V | V) &= E[E(\eta V | V) | V] \\
&= E[V | V] E(\eta | V) \\
&= E[V | V] C_{\eta V} / \sigma^2 \\
&= (C_{\eta V} / \sigma^2) E[V^2 | V]
\end{aligned} \tag{3.16}$$

For a Gaussian random variable with mean zero and variance σ^2

$$E[V^2 | V] = 2 \int_0^\infty \frac{v^3 e^{-v^2/2\sigma^2}}{\sqrt{2\pi}\sigma} dv.$$

After integration by parts, this reduces to

$$E[V^2 | V] = 4\sigma^3/\sqrt{2\pi}.$$

Substituting this into (3.16) gives

$$E(\eta V | V) = \sqrt{(8\sigma^2/\pi)} C_{\eta V}.$$

The above results can be used to obtain the cross-covariance between Φ and η .

$$\begin{aligned}
C_{\eta\Phi}(\tau) &= E[\eta(t)\Phi(t+\tau)] \\
&= C E[\eta(t)V(t+\tau) | V(t+\tau)] + K E[\eta(t)A(t+\tau)] \\
&= C \sqrt{(8\sigma^2/\pi)} C_{\eta V}(\tau) + K C_{\eta A}(\tau).
\end{aligned} \tag{3.17}$$

The use of this relationship requires knowledge of $C_{\eta V}$ and $C_{\eta A}$. One

method of deriving C_{η_V} and C_{η_A} is through the quasi-integral representations of Tukey and Pierson (Kinsman, 1965, p. 377) for V , A and η ;

$$\begin{aligned}\eta(x_1, t_1) &= 2 \int_0^\infty \sqrt{P_\eta(f)} df \cos(kx_1 - \omega t_1 + \psi) \\ V(x_2, z_2, t_2) &= 2 \int_0^\infty \sqrt{P_V(f)} df \cos(kx_2 - \omega t_2 + \psi) \\ A(x_2, z_2, t_2) &= 2 \int_0^\infty \sqrt{P_A(f)} df \sin(kx_2 - \omega t_2 + \psi)\end{aligned}\quad (3.18)$$

where ψ is a random phase uniformly distributed over $(0, 2\pi)$ and P_η , P_V , P_A are the appropriate spectral densities. Also $\omega = 2\pi f$.

Let

$$t_2 - t_1 = \tau, \quad x_2 - x_1 = \Delta \quad \text{and} \quad z_1 = z_2 = z.$$

Then, using (3.18),

$$\begin{aligned}C_{\eta_V}(\tau) &= E[\eta(x_1, t) V(x_2, z, t_2)] \\ &= 4 \int_0^\infty \sqrt{P_\eta(f) P_V(f)} E[\cos(kx_1 - \omega t_1 + \psi) \cos(kx_2 - \omega t_2 + \psi)] df \\ &= 2 \int_0^\infty \sqrt{P_\eta(f) P_V(f)} \cos(k\Delta - \omega \tau) df \\ &= 2 \int_0^\infty \sqrt{P_\eta(f) P_V(f)} \{\cos k\Delta \cos \omega \tau + \sin k\Delta \sin \omega \tau\} df.\end{aligned}\quad (3.19)$$

Similarly,

$$\begin{aligned}
C_{\eta a}(\tau) &= E[\eta(x_1, t) A(x_2, z, t_2)] \\
&= 2 \int_0^\infty \sqrt{P_\eta(f) P_a(f)} \{ \sin k\Delta \cos \omega \tau - \cos k\Delta \sin \omega \tau \} df \quad (3.20)
\end{aligned}$$

using (3.19) and (3.20) in (3.17) finally gives

$$\begin{aligned}
C_{\eta \Phi}(\tau) &= 2 \int_0^\infty \left\{ C \sqrt{\frac{8\sigma^2}{\pi}} \sqrt{P_\eta P_v} \cos k\Delta + K \sqrt{P_\eta P_a} \sin k\Delta \right\} \cos \omega \tau df \\
&\quad + 2 \int_0^\infty \left\{ C \sqrt{\frac{8\sigma^2}{\pi}} \sqrt{P_\eta P_v} \sin k\Delta - K \sqrt{P_\eta P_a} \cos k\Delta \right\} \sin \omega \tau df. \quad (3.21)
\end{aligned}$$

But the cross spectral representation of $C_{\eta \Phi}$ is*

$$C_{\eta \Phi}(\tau) = 2 \int_0^\infty c_2(f) \cos \omega \tau df + 2 \int_0^\infty q_2(f) \sin \omega \tau df \quad (3.22)$$

where $c_2(f)$ and $q_2(f)$ are the co- and quadrature spectral densities between η and Φ and are given by the inverse relations

$$\begin{aligned}
c_2(f) &= \int_0^\infty [C_{\eta \Phi}(\tau) + C_{\eta \Phi}(-\tau)] \cos \omega \tau d\tau \\
q_2(f) &= \int_0^\infty [C_{\eta \Phi}(\tau) - C_{\eta \Phi}(-\tau)] \sin \omega \tau d\tau \quad (3.23)
\end{aligned}$$

By inspection of (3.21) and (3.22) we see that

*See Appendix C.

$$c_2(f) = C \sqrt{\frac{8\sigma^2}{\pi}} \sqrt{P_{\eta} P_v} \cos k\Delta + K \sqrt{P_{\eta} P_a} \sin k\Delta$$

$$q_2(f) = C \sqrt{\frac{8\sigma^2}{\pi}} \sqrt{P_{\eta} P_v} \sin k\Delta - K \sqrt{P_{\eta} P_a} \cos k\Delta$$

Define

$$\begin{aligned}\bar{C}(f) &= c_2(f) \sinh kd / [P_{\eta}(f) \omega \cosh kz] \\ \bar{Q}(f) &= q_2(f) \sinh kd / [P_{\eta}(f) \omega \cosh kz]\end{aligned}\quad (3.24)$$

and use the formulas in Appendix C for P_{V_x} and P_{A_x} in terms of P_{η} to obtain:

$$\begin{aligned}\bar{C}(f) &= C \sqrt{\frac{8\sigma^2}{\pi}} \cos k\Delta + 2K\pi f \sin k\Delta \\ \bar{Q}(f) &= C \sqrt{\frac{8\sigma^2}{\pi}} \sin k\Delta - 2K\pi f \cos k\Delta\end{aligned}\quad (3.25)$$

Solving for C and K

$$\hat{C} = \sqrt{\frac{\pi}{8\sigma^2}} \left\{ \cos k\Delta \bar{C}(f) + \sin k\Delta \bar{Q}(f) \right\} \quad (3.26)$$

$$\hat{K} = \frac{1}{\omega} \left\{ \sin k\Delta \bar{C}(f) - \cos k\Delta \bar{Q}(f) \right\}. \quad (3.27)$$

Notice that these are estimates of C and K as functions of frequency.

If $\Delta=0$, that is if the forces and surface profile records are recorded at the same point, then

$$C = \sqrt{\frac{\pi}{8\sigma^2}} \bar{C}(f) \quad (3.28)$$

$$K = \frac{-1}{\omega} \bar{Q}(f) \quad (3.29)$$

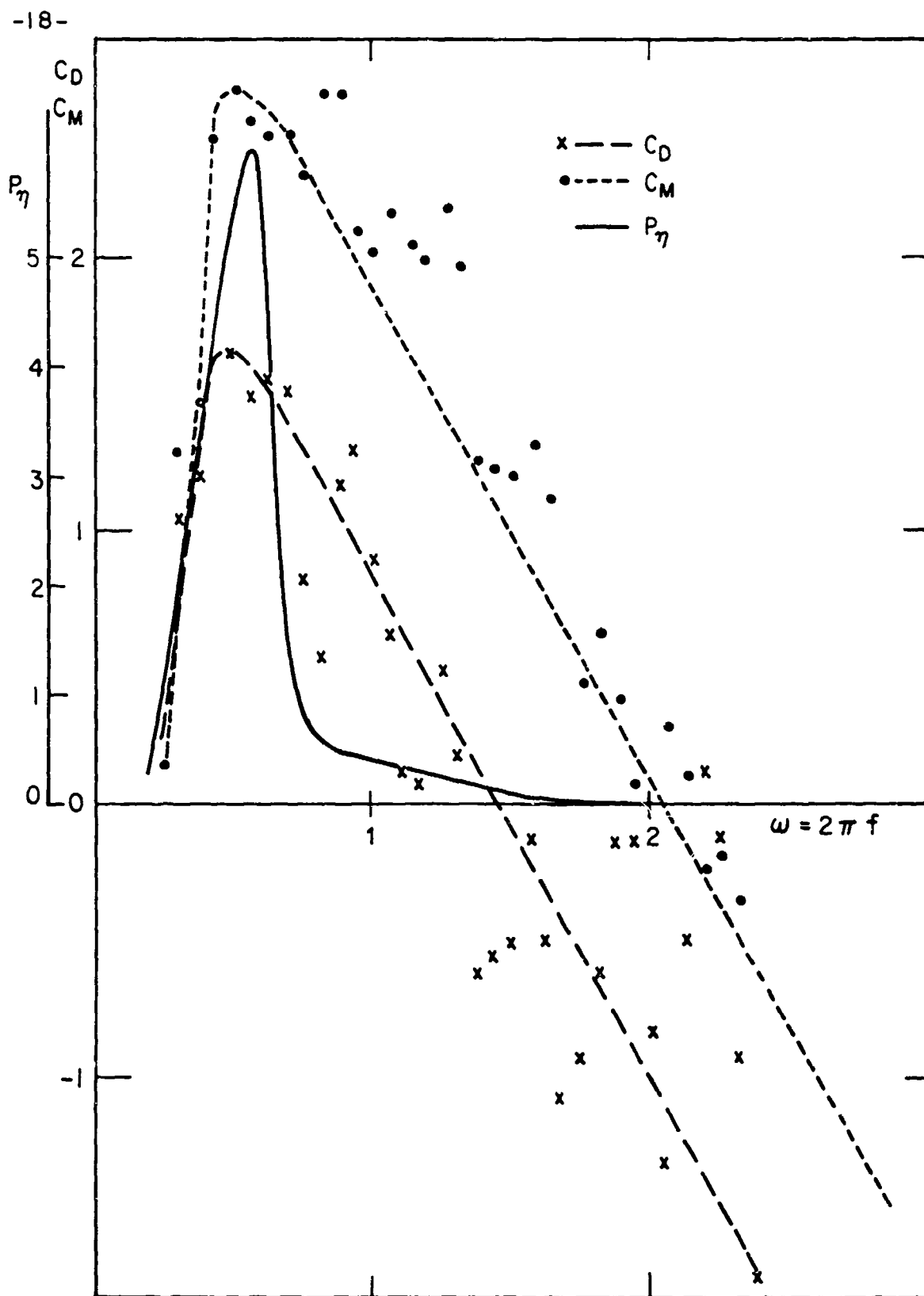


FIG. 1 FREQUENCY DEPENDENT VALUES OF
 C_D AND C_M FROM ROLL 10

The following example is from roll 10 of the wave and force records taken at Davenport, California, on November 5, 1953. ($d = 49$ feet, $z = 42.7$ feet, $\Delta = 20$ feet.)

On the accompanying graph the value of C_D and C_M obtained by this method are plotted along with the spectral density of the surface profile. As can readily be seen, C_D and C_M exhibit a distinct tendency to be functions of frequency.

Most of the energy is limited to the interval $.4 < \omega < .7$ and in this interval $C_D \approx 1.5$ and $C_M \approx 2.4$ both being relatively constant. From a practical standpoint this should make the assumption that C_D and C_M are constants a little more comfortable.

An explanation of all the features of C_D and C_M as functions of frequency is difficult at this time and will have to be postponed for future investigation. About all that can be said is that the cross-spectral method gives another way to view the determination of C_D and C_M and raises very intriguing questions.

4. Estimation of Coefficients for $m \neq 0$

If the mean flow is not zero, that is $m(x,y,z,t) \neq 0$, then the probability density function of $Y = \Phi/\rho k$ is (Borgman, 1965, eq. 4.2).

$$f_Y(y) = \sqrt{\frac{\alpha}{2\pi}} e^{-(Y^2+y^2)/2} \int_0^\infty \frac{e^{-\alpha s - s^2/2}}{\sqrt{s}} \cosh(\sqrt{2\alpha s} + ys) ds \quad (4.1)$$

where

$$\alpha = \rho k / 2c\sigma^2 \quad (4.2)$$

$$\gamma = m/\sigma \quad (4.3)$$

Note that this is a density at the point-time (x,y,z,t) and is in general a function of those arguments through $m = m(x,y,z,t)$, $\sigma^2 = \sigma^2(x,y,z,t)$, etc.

From this density it is possible to derive the moment generating function and the first four non-central moments. This is done by Borgman (1965, eq. 4.17-4.20).

$$E[Y] = [\gamma Z(\gamma) + (\gamma^2+1)P(\gamma)]/\alpha \quad (4.4)$$

$$E[Y^2] = [(\gamma^4+6\gamma^2+3)/4\alpha^2] + 1 \quad (4.5)$$

$$E[Y^3] = \frac{\gamma Z(\gamma)}{4} \left[\frac{\gamma^4+14\gamma^2+33}{\alpha^3} + \frac{12}{\alpha} \right] + \left[\frac{\gamma^6+15\gamma^4+45\gamma^2+15}{4\alpha^3} + \frac{3(\gamma^2+1)}{\alpha} \right] P(\gamma) \quad (4.5)$$

$$E[Y^4] = \frac{\gamma^8+28\gamma^6+210\gamma^4+420\gamma^2+105}{16\alpha^4} + \frac{3(\gamma^4+6\gamma^2+3)}{2\alpha^2} + 3 \quad (4.6)$$

where

$$Z(\gamma) = \frac{1}{\sqrt{2\pi}} e^{-\gamma^2/2} \quad \text{and} \quad P(\gamma) = \int_0^\gamma Z(y) dy .$$

Suppose that

$$A = A(\gamma) = \gamma Z(\gamma) + (\gamma^2+1)P(\gamma)$$

$$B = B(\gamma) = (\gamma^4+6\gamma^2+3)/4$$

$$D = (\gamma^8+28\gamma^6+210\gamma^4+420\gamma^2+105)/16 .$$

In order to proceed by the method of moments m , σ^2 and ρ^2 must be assumed to be constant with respect to t . Equating sample and theoretical

moments yields the following system of equations.*

$$\alpha \bar{\phi} / \rho K = A \quad (4.7)$$

$$\alpha^2 \bar{\phi}^2 / \rho^2 K^2 = B + \alpha^2 \quad (4.8)$$

$$\alpha^4 \bar{\phi}^4 / \rho^4 K^4 = D + 6B\alpha^2 + 3\alpha^4 \quad (4.9)$$

Then

$$R_1(\gamma, \frac{\alpha}{\gamma}) = (\bar{\phi})^2 / \bar{\phi}^2 = A^2 / (B + \alpha^2) \quad (4.10)$$

$$R_2(\gamma, \frac{\alpha}{\gamma}) = (\bar{\phi}^2)^2 / \bar{\phi}^4 = (B + \alpha^2)^2 / (D + 6B\alpha^2 + 3\alpha^4). \quad (4.11)$$

The tables b and c of Appendix D allow one to find by a graphical method the γ and α/γ that are the solution to eq. (4.10) and eq. (4.11). Once α is estimated, then from eq. (4.7) ρK and $C\sigma^2$ may be found.

Example. Suppose $\bar{\phi} = 1.73$, $\bar{\phi}^2 = 10$, $\bar{\phi}^4 = 400$, $R_1 = .30$, $R_2 = .25$. First plot the isolines $R_1 = .30$ and $R_2 = .25$ on a graph of γ vs. α/γ . (See figure.)

From this it is seen that a good solution is $\hat{\gamma} = 1.5$, $\hat{\alpha}/\hat{\gamma} = 1.1$. Hence

$$\hat{\alpha} = 1.65$$

$$\hat{\rho K} = (1.65)(1.73) / [(1.5)(.13) + (3.25)(.07)] = 6.8$$

$$\hat{C\sigma^2} = \hat{\rho K} / 2\hat{\alpha} = 6.8 / 2(1.65) = 2.1.$$

* Note that in these equations

$$\bar{\phi} = \frac{N}{\sum_{i=1}^N \phi_i / N} \quad \bar{\phi}^2 = \frac{N}{\sum_{i=1}^N \phi_i^2 / N} \quad \bar{\phi}^4 = \frac{N}{\sum_{i=1}^N \phi_i^4 / N}$$

as opposed to section 3a where the mean $\bar{\phi}$ was subtracted out.

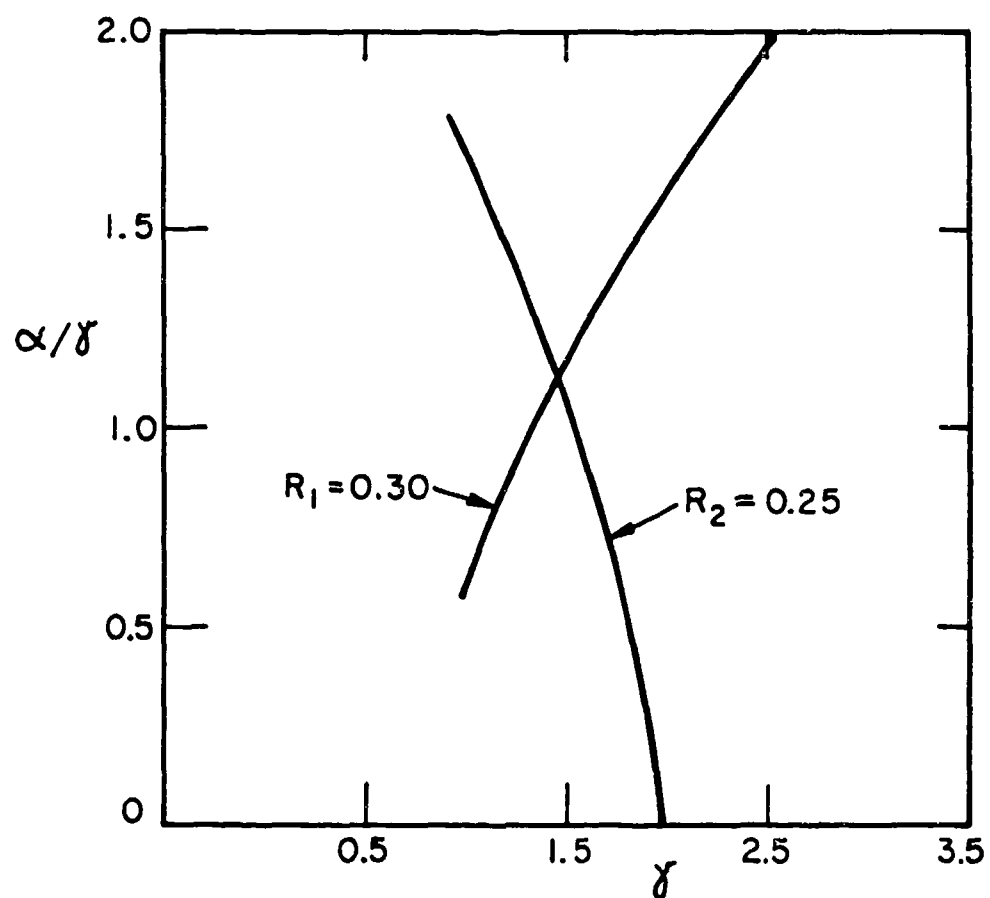


FIG. 2 DETERMINATION OF α
AND γ GRAPHICALLY

a. An Application of Sections §2 and §3

This example is from Davenport, California, roll 10 referred to in section 3c.

A. The least squares covariance fitting gave

$$C = 1.85 \quad K = 2.60$$

$$C_D = 1.84 \quad C_M = 1.65$$

B. The least squares spectra fitting gave

$$C = 1.88 \quad K = 2.72$$

$$C_D = 1.87 \quad C_M = 1.73$$

The variances were computed to be

$$\sigma^2 = 1.20 \quad \rho^2 = .67$$

The values lead to

$$\alpha \approx .50$$

In the following figure the histogram of the force record has been reduced to the same scale as the density and they are plotted together. The agreement between the histogram and the density for wave force with $\alpha = .50$ is quite striking.

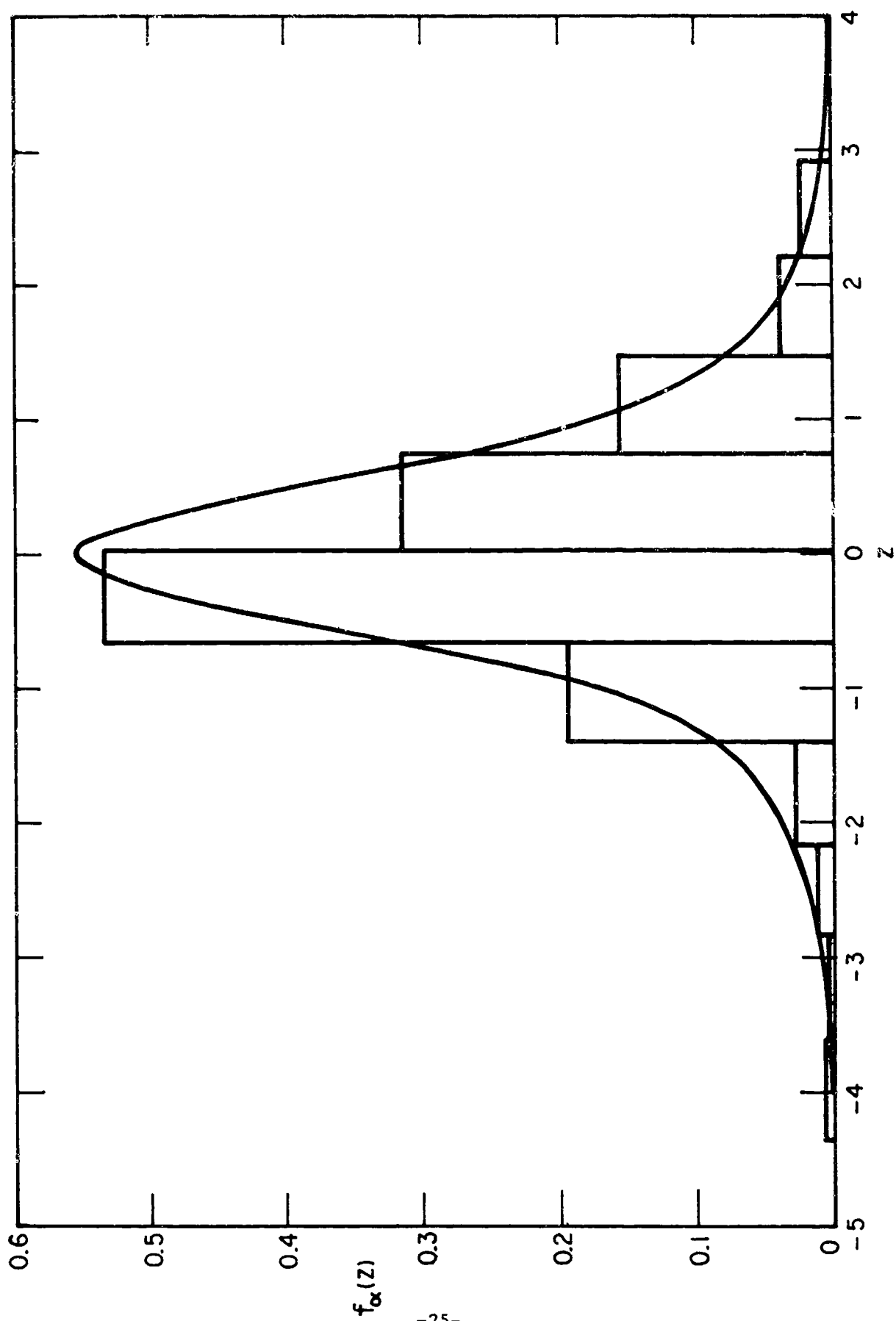


FIG. 3 A HISTOGRAM OF FORCES FOR ROLL 10 AND THE THEORETICAL DENSITY FOR $\alpha = 0.5$

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APPENDIX A

Table I. The Probability Density of Z

The function tabled is $f_Z(z;\alpha)$, the probability density function of Z, where

$$\alpha = \rho K / 2C\sigma^2$$

$$Z = \Phi / \left[\rho K \sqrt{\left(\frac{3}{4\alpha^2} + 1 \right)} \right].$$

The following values of the parameter α are used

0.00	(.01)	.20
.20	(.02)	.40
.40	(.05)	.90
.90	(.10)	2.00
2.00	(.50)	5.00

∞

The first column gives z to one decimal. The column headings give the second decimal in z. Thus $f_Z(1.43;0)$ is obtained by looking on the line for 1.4 and reading across to the column for 3. The value is 0.064.

By symmetry, $f_Z(-z;\alpha) = f_Z(z;\alpha)$.

PROBABILITY DENSITIES

ALPHA = 0.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.000	2.603	1.824	1.477	1.268	1.124	1.017	0.934	0.866	0.809
0.1	0.761	0.720	0.683	0.651	0.621	0.595	0.571	0.550	0.529	0.511
0.2	0.494	0.478	0.463	0.449	0.435	0.423	0.411	0.400	0.389	0.379
0.3	0.370	0.360	0.352	0.343	0.335	0.328	0.320	0.313	0.306	0.300
0.4	0.294	0.287	0.282	0.276	0.270	0.265	0.260	0.255	0.250	0.245
0.5	0.241	0.236	0.232	0.228	0.224	0.220	0.216	0.212	0.209	0.205
0.6	0.202	0.198	0.195	0.192	0.189	0.185	0.182	0.180	0.177	0.174
0.7	0.171	0.168	0.166	0.163	0.161	0.158	0.156	0.154	0.151	0.149
0.8	0.147	0.145	0.143	0.140	0.138	0.136	0.134	0.132	0.131	0.129
0.9	0.127	0.125	0.125	0.122	0.120	0.118	0.117	0.115	0.113	0.112
1.0	0.110	0.109	0.107	0.106	0.105	0.103	0.102	0.100	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.01

	0	1	2	3	4	5	6	7	8	9
0.0	4.183	3.501	2.342	1.641	1.324	1.152	1.034	0.945	0.874	0.815
0.1	0.766	0.723	0.686	0.653	0.623	0.597	0.573	0.551	0.530	0.512
0.2	0.494	0.478	0.463	0.449	0.436	0.423	0.411	0.400	0.390	0.380
0.3	0.370	0.361	0.352	0.344	0.336	0.328	0.321	0.313	0.307	0.300
0.4	0.294	0.288	0.282	0.276	0.270	0.265	0.260	0.255	0.250	0.245
0.5	0.241	0.236	0.232	0.228	0.224	0.220	0.216	0.212	0.209	0.205
0.6	0.202	0.198	0.195	0.192	0.189	0.185	0.183	0.180	0.177	0.174
0.7	0.171	0.168	0.166	0.163	0.161	0.158	0.156	0.154	0.151	0.149
0.8	0.147	0.145	0.143	0.140	0.138	0.136	0.134	0.133	0.131	0.129
0.9	0.127	0.125	0.123	0.122	0.120	0.118	0.117	0.115	0.114	0.112
1.0	0.110	0.109	0.107	0.106	0.105	0.103	0.102	0.100	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.02

	0	1	2	3	4	5	6	7	8	9
0.0	2.944	2.809	2.460	2.028	1.635	1.337	1.134	1.000	0.906	0.837
0.1	0.781	0.735	0.695	0.660	0.629	0.602	0.577	0.554	0.534	0.515
0.2	0.497	0.481	0.465	0.451	0.437	0.425	0.413	0.401	0.391	0.381
0.3	0.371	0.362	0.353	0.344	0.336	0.329	0.321	0.314	0.307	0.301
0.4	0.294	0.288	0.282	0.276	0.271	0.265	0.260	0.255	0.250	0.246
0.5	0.241	0.237	0.232	0.228	0.224	0.220	0.216	0.213	0.209	0.205
0.6	0.202	0.198	0.195	0.192	0.189	0.186	0.183	0.180	0.177	0.174
0.7	0.171	0.169	0.166	0.163	0.161	0.158	0.156	0.154	0.151	0.149
0.8	0.147	0.145	0.143	0.141	0.138	0.136	0.135	0.133	0.131	0.129
0.9	0.127	0.125	0.123	0.122	0.120	0.118	0.117	0.115	0.114	0.112
1.0	0.110	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.03

	0	1	2	3	4	5	6	7	8	9
0.0	2.393	2.343	2.202	1.996	1.760	1.526	1.318	1.145	1.009	0.905
0.1	0.826	0.765	0.716	0.676	0.642	0.612	0.585	0.561	0.539	0.520
0.2	0.501	0.484	0.469	0.454	0.440	0.427	0.415	0.403	0.393	0.382
0.3	0.372	0.363	0.354	0.346	0.337	0.330	0.322	0.315	0.308	0.301
0.4	0.295	0.289	0.283	0.277	0.271	0.266	0.261	0.256	0.251	0.246
0.5	0.242	0.237	0.233	0.229	0.224	0.220	0.217	0.213	0.209	0.206
0.6	0.202	0.199	0.195	0.192	0.189	0.186	0.183	0.180	0.177	0.174
0.7	0.171	0.169	0.166	0.164	0.161	0.159	0.156	0.154	0.152	0.149
0.8	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.127	0.125	0.124	0.122	0.120	0.118	0.117	0.115	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.091	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.04

	0	1	2	3	4	5	6	7	8	9
0.0	2.064	2.039	1.967	1.856	1.718	1.565	1.409	1.261	1.127	1.011
0.1	0.913	0.832	0.767	0.713	0.669	0.632	0.601	0.573	0.549	0.528
0.2	0.508	0.490	0.474	0.458	0.444	0.431	0.418	0.406	0.395	0.385
0.3	0.375	0.365	0.356	0.347	0.339	0.331	0.324	0.316	0.309	0.303
0.4	0.296	0.290	0.284	0.278	0.272	0.267	0.262	0.257	0.252	0.247
0.5	0.242	0.238	0.233	0.229	0.225	0.221	0.217	0.213	0.210	0.206
0.6	0.202	0.199	0.196	0.192	0.189	0.186	0.183	0.180	0.177	0.175
0.7	0.172	0.169	0.166	0.164	0.161	0.159	0.156	0.154	0.152	0.149
0.8	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.127	0.125	0.124	0.122	0.120	0.119	0.117	0.115	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099	0.098
1.1	0.097	0.095	0.094	0.093	0.092	0.091	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068	0.067
1.4	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.05

	0	1	2	3	4	5	6	7	8	9
0.0	1.839	1.824	1.782	1.715	1.628	1.527	1.417	1.305	1.195	1.090
0.1	0.995	0.910	0.836	0.772	0.717	0.670	0.631	0.597	0.568	0.543
0.2	0.520	0.500	0.482	0.465	0.450	0.436	0.423	0.411	0.399	0.388
0.3	0.378	0.368	0.359	0.350	0.341	0.333	0.325	0.318	0.311	0.304
0.4	0.297	0.291	0.285	0.279	0.273	0.268	0.263	0.258	0.253	0.248
0.5	0.243	0.239	0.234	0.230	0.226	0.222	0.218	0.214	0.210	0.207
0.6	0.203	0.200	0.196	0.193	0.190	0.187	0.184	0.181	0.178	0.175
0.7	0.172	0.169	0.167	0.164	0.162	0.159	0.157	0.154	0.152	0.150
0.8	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.127	0.126	0.124	0.122	0.120	0.119	0.117	0.115	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.104	0.102	0.101	0.099	0.098
1.1	0.097	0.096	0.094	0.093	0.092	0.091	0.089	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.056	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.06

	0	1	2	3	4	5	6	7	8	9
0.0	1.672	1.663	1.636	1.592	1.534	1.464	1.386	1.302	1.216	1.130
0.1	1.048	0.970	0.897	0.831	0.772	0.720	0.674	0.634	0.598	0.568
0.2	0.541	0.517	0.496	0.477	0.460	0.444	0.430	0.417	0.404	0.393
0.3	0.382	0.372	0.362	0.353	0.344	0.336	0.328	0.320	0.313	0.306
0.4	0.299	0.293	0.287	0.281	0.275	0.269	0.264	0.259	0.254	0.249
0.5	0.244	0.240	0.235	0.231	0.227	0.222	0.218	0.215	0.211	0.207
0.6	0.204	0.200	0.197	0.194	0.190	0.187	0.184	0.181	0.178	0.175
0.7	0.173	0.170	0.167	0.165	0.162	0.160	0.157	0.155	0.152	0.150
0.8	0.148	0.146	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
0.9	0.128	0.126	0.124	0.122	0.121	0.119	0.117	0.116	0.114	0.112
1.0	0.111	0.109	0.108	0.106	0.105	0.104	0.102	0.101	0.100	0.098
1.1	0.097	0.096	0.094	0.093	0.092	0.091	0.090	0.088	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.070	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.07

	0	1	2	3	4	5	6	7	8	9
0.0	1.542	1.536	1.517	1.487	1.446	1.396	1.338	1.276	1.209	1.140
0.1	1.072	1.004	0.939	0.878	0.820	0.767	0.719	0.675	0.636	0.601
0.2	0.570	0.542	0.517	0.495	0.475	0.457	0.441	0.426	0.412	0.400
0.3	0.388	0.377	0.367	0.357	0.348	0.339	0.331	0.323	0.316	0.309
0.4	0.302	0.295	0.289	0.283	0.277	0.271	0.266	0.260	0.255	0.250
0.5	0.245	0.241	0.236	0.232	0.228	0.223	0.219	0.216	0.212	0.208
0.6	0.204	0.201	0.198	0.194	0.191	0.188	0.185	0.182	0.179	0.176
0.7	0.173	0.170	0.168	0.165	0.162	0.160	0.157	0.155	0.153	0.150
0.8	0.148	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130
0.9	0.128	0.126	0.124	0.123	0.121	0.119	0.117	0.116	0.114	0.113
1.0	0.111	0.110	0.108	0.107	0.105	0.104	0.102	0.101	0.100	0.098
1.1	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.089	0.087	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.070	0.070	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.08

	0	1	2	3	4	5	6	7	8	9
0.0	1.437	1.433	1.419	1.397	1.367	1.330	1.287	1.238	1.186	1.132
0.1	1.075	1.019	0.962	0.908	0.855	0.805	0.758	0.714	0.674	0.636
0.2	0.602	0.572	0.544	0.519	0.496	0.475	0.456	0.439	0.424	0.410
0.3	0.397	0.385	0.373	0.363	0.353	0.344	0.335	0.327	0.319	0.312
0.4	0.305	0.298	0.291	0.285	0.279	0.273	0.267	0.262	0.257	0.252
0.5	0.247	0.242	0.238	0.233	0.229	0.225	0.221	0.217	0.213	0.209
0.6	0.205	0.202	0.198	0.195	0.192	0.189	0.185	0.182	0.179	0.177
0.7	0.174	0.171	0.168	0.166	0.163	0.160	0.158	0.156	0.153	0.151
0.8	0.149	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130
0.9	0.128	0.126	0.125	0.123	0.121	0.119	0.118	0.116	0.115	0.113
1.0	0.111	0.110	0.108	0.107	0.105	0.104	0.103	0.101	0.100	0.099
1.1	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.089	0.088	0.086
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.071	0.071	0.070	0.069	0.068	0.067
1.4	0.066	0.065	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.051	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.09

	0	1	2	3	4	5	6	7	8	9
0.0	1.350	1.347	1.337	1.320	1.297	1.269	1.235	1.198	1.156	1.112
0.1	1.066	1.019	0.971	0.923	0.877	0.831	0.787	0.745	0.706	0.669
0.2	0.634	0.602	0.572	0.545	0.520	0.497	0.476	0.457	0.440	0.424
0.3	0.409	0.395	0.383	0.371	0.360	0.350	0.341	0.332	0.324	0.316
0.4	0.308	0.301	0.294	0.288	0.282	0.276	0.270	0.264	0.259	0.254
0.5	0.249	0.244	0.239	0.235	0.230	0.226	0.222	0.218	0.214	0.210
0.6	0.206	0.203	0.199	0.196	0.193	0.189	0.186	0.183	0.180	0.177
0.7	0.174	0.172	0.169	0.166	0.164	0.161	0.159	0.156	0.154	0.151
0.8	0.149	0.147	0.145	0.142	0.140	0.138	0.136	0.134	0.132	0.130
0.9	0.129	0.127	0.125	0.123	0.121	0.120	0.118	0.116	0.115	0.113
1.0	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.101	0.100	0.099
1.1	0.097	0.096	0.095	0.094	0.092	0.091	0.090	0.089	0.088	0.087
1.2	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.072	0.072	0.071	0.070	0.069	0.068	0.067
1.4	0.066	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.10

	0	1	2	3	4	5	6	7	8	9
0.0	1.277	1.274	1.266	1.253	1.236	1.213	1.187	1.157	1.123	1.087
0.1	1.049	1.010	0.969	0.928	0.887	0.847	0.807	0.768	0.731	0.695
0.2	0.661	0.629	0.599	0.571	0.545	0.521	0.498	0.477	0.458	0.441
0.3	0.424	0.409	0.395	0.382	0.370	0.359	0.349	0.339	0.330	0.321
0.4	0.313	0.306	0.298	0.292	0.285	0.279	0.273	0.267	0.261	0.256
0.5	0.251	0.246	0.241	0.236	0.232	0.228	0.223	0.219	0.215	0.211
0.6	0.208	0.204	0.200	0.197	0.194	0.190	0.187	0.184	0.181	0.178
0.7	0.175	0.172	0.170	0.167	0.164	0.162	0.159	0.157	0.154	0.152
0.8	0.150	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
0.9	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.117	0.115	0.113
1.0	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.102	0.100	0.099
1.1	0.098	0.096	0.095	0.094	0.093	0.091	0.090	0.089	0.088	0.087
1.2	0.086	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.073	0.073	0.072	0.071	0.070	0.069	0.068	0.067
1.4	0.066	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.060
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.11

	0	1	2	3	4	5	6	7	8	9
0.0	1.214	1.212	1.205	1.195	1.181	1.163	1.142	1.117	1.090	1.060
0.1	1.028	0.995	0.961	0.925	0.890	0.854	0.818	0.783	0.749	0.715
0.2	0.683	0.652	0.623	0.595	0.569	0.544	0.520	0.499	0.478	0.459
0.3	0.441	0.425	0.410	0.396	0.382	0.370	0.359	0.348	0.338	0.329
0.4	0.320	0.312	0.304	0.296	0.289	0.283	0.276	0.270	0.264	0.259
0.5	0.253	0.248	0.243	0.239	0.234	0.229	0.225	0.221	0.217	0.213
0.6	0.209	0.205	0.202	0.198	0.195	0.192	0.188	0.185	0.182	0.179
0.7	0.176	0.173	0.170	0.168	0.165	0.162	0.160	0.157	0.155	0.153
0.8	0.150	0.148	0.146	0.144	0.141	0.139	0.137	0.135	0.133	0.131
0.9	0.129	0.128	0.126	0.124	0.122	0.120	0.119	0.117	0.115	0.114
1.0	0.112	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.101	0.099
1.1	0.098	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088	0.087
1.2	0.086	0.085	0.084	0.083	0.081	0.080	0.079	0.078	0.077	0.076
1.3	0.075	0.074	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.067
1.4	0.067	0.066	0.065	0.064	0.063	0.063	0.062	0.061	0.060	0.060
1.5	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.12

	0	1	2	3	4	5	6	7	8	9
0.0	1.159	1.157	1.152	1.143	1.132	1.117	1.100	1.079	1.057	1.032
0.1	1.006	0.977	0.948	0.917	0.886	0.855	0.823	0.792	0.760	0.730
0.2	0.700	0.670	0.642	0.615	0.589	0.565	0.541	0.519	0.498	0.478
0.3	0.460	0.442	0.426	0.411	0.396	0.383	0.370	0.359	0.348	0.338
0.4	0.328	0.319	0.311	0.302	0.295	0.288	0.281	0.274	0.268	0.262
0.5	0.257	0.251	0.246	0.241	0.236	0.232	0.227	0.223	0.219	0.215
0.6	0.211	0.207	0.203	0.200	0.196	0.193	0.190	0.186	0.183	0.180
0.7	0.177	0.174	0.171	0.169	0.166	0.163	0.161	0.158	0.156	0.153
0.8	0.151	0.149	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132
0.9	0.130	0.128	0.126	0.124	0.123	0.121	0.119	0.117	0.116	0.114
1.0	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.102	0.101	0.099
1.1	0.098	0.097	0.096	0.094	0.093	0.092	0.091	0.089	0.088	0.087
1.2	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068
1.4	0.067	0.066	0.065	0.064	0.063	0.063	0.062	0.061	0.060	0.060
1.5	0.059	0.058	0.058	0.057	0.056	0.055	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.13

	0	1	2	3	4	5	6	7	8	9
0.0	1.110	1.109	1.104	1.097	1.088	1.076	1.061	1.044	1.025	1.004
0.1	0.982	0.958	0.932	0.906	0.879	0.851	0.823	0.795	0.767	0.738
0.2	0.711	0.684	0.657	0.631	0.606	0.582	0.559	0.537	0.516	0.496
0.3	0.477	0.459	0.442	0.426	0.411	0.397	0.384	0.371	0.359	0.348
0.4	0.338	0.328	0.319	0.310	0.302	0.294	0.287	0.280	0.273	0.267
0.5	0.261	0.255	0.250	0.244	0.239	0.234	0.230	0.225	0.221	0.217
0.6	0.213	0.209	0.205	0.201	0.198	0.194	0.191	0.188	0.184	0.181
0.7	0.178	0.175	0.172	0.170	0.167	0.164	0.162	0.159	0.157	0.154
0.8	0.152	0.149	0.147	0.145	0.143	0.141	0.138	0.136	0.134	0.132
0.9	0.130	0.129	0.127	0.125	0.123	0.121	0.120	0.118	0.116	0.115
1.0	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.103	0.101	0.100
1.1	0.098	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.088	0.087
1.2	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.068
1.4	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060
1.5	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.14

	0	1	2	3	4	5	6	7	8	9
0.0	1.067	1.066	1.062	1.056	1.048	1.038	1.026	1.011	0.995	0.977
0.1	0.958	0.937	0.915	0.892	0.869	0.844	0.819	0.794	0.769	0.743
0.2	0.718	0.693	0.668	0.644	0.620	0.597	0.575	0.553	0.532	0.513
0.3	0.494	0.475	0.458	0.442	0.426	0.411	0.397	0.384	0.371	0.360
0.4	0.349	0.338	0.328	0.319	0.310	0.302	0.294	0.286	0.279	0.272
0.5	0.266	0.260	0.254	0.248	0.243	0.238	0.233	0.228	0.224	0.219
0.6	0.215	0.211	0.207	0.203	0.200	0.196	0.193	0.189	0.186	0.183
0.7	0.180	0.177	0.174	0.171	0.168	0.165	0.163	0.160	0.158	0.155
0.8	0.153	0.150	0.148	0.146	0.143	0.141	0.139	0.137	0.135	0.133
0.9	0.131	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.117	0.115
1.0	0.113	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.101	0.100
1.1	0.099	0.097	0.096	0.095	0.094	0.092	0.091	0.090	0.089	0.088
1.2	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069	0.068
1.4	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.061	0.060
1.5	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

PROBABILITY DENSITIES

ALPHA = 0.15

	0	1	2	3	4	5	6	7	8	9
0.0	1.028	1.027	1.024	1.019	1.012	1.003	0.993	0.981	0.967	0.952
0.1	0.935	0.917	0.898	0.878	0.857	0.835	0.813	0.790	0.767	0.744
0.2	0.721	0.698	0.675	0.653	0.630	0.609	0.587	0.567	0.546	0.527
0.3	0.508	0.490	0.473	0.456	0.440	0.425	0.411	0.397	0.384	0.372
0.4	0.360	0.349	0.338	0.328	0.319	0.310	0.302	0.294	0.286	0.279
0.5	0.272	0.265	0.259	0.253	0.247	0.242	0.237	0.232	0.227	0.222
0.6	0.218	0.214	0.210	0.206	0.202	0.198	0.195	0.191	0.188	0.184
0.7	0.181	0.178	0.175	0.172	0.169	0.167	0.164	0.161	0.159	0.156
0.8	0.154	0.151	0.149	0.147	0.144	0.142	0.140	0.138	0.136	0.134
0.9	0.132	0.130	0.128	0.126	0.124	0.122	0.121	0.119	0.117	0.116
1.0	0.114	0.112	0.111	0.109	0.108	0.106	0.105	0.103	0.102	0.100
1.1	0.099	0.098	0.096	0.095	0.094	0.093	0.091	0.090	0.089	0.088
1.2	0.087	0.086	0.084	0.083	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.071	0.071	0.070	0.069	0.068
1.4	0.067	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061	0.060
1.5	0.059	0.059	0.058	0.057	0.056	0.056	0.055	0.054	0.054	0.053
1.6	0.052	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001

PROBABILITY DENSITIES

ALPHA = 0.16

	0	1	2	3	4	5	6	7	8	9
0.0	0.993	0.992	0.990	0.985	0.979	0.972	0.963	0.952	0.940	0.927
0.1	0.912	0.897	0.880	0.862	0.844	0.824	0.805	0.784	0.764	0.743
0.2	0.722	0.701	0.679	0.659	0.638	0.617	0.597	0.577	0.558	0.539
0.3	0.521	0.503	0.486	0.470	0.454	0.439	0.424	0.410	0.397	0.384
0.4	0.372	0.360	0.349	0.339	0.329	0.319	0.310	0.302	0.294	0.286
0.5	0.279	0.272	0.265	0.259	0.252	0.247	0.241	0.236	0.231	0.226
0.6	0.221	0.217	0.213	0.208	0.204	0.200	0.197	0.193	0.190	0.186
0.7	0.183	0.180	0.177	0.174	0.171	0.168	0.165	0.162	0.160	0.157
0.8	0.155	0.152	0.150	0.147	0.145	0.143	0.141	0.139	0.136	0.134
0.9	0.132	0.130	0.129	0.127	0.125	0.123	0.121	0.119	0.118	0.116
1.0	0.114	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.102	0.101
1.1	0.099	0.098	0.097	0.095	0.094	0.093	0.092	0.090	0.089	0.088
1.2	0.087	0.086	0.085	0.084	0.082	0.081	0.080	0.079	0.078	0.077
1.3	0.076	0.075	0.074	0.073	0.072	0.072	0.071	0.070	0.069	0.068
1.4	0.067	0.066	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060
1.5	0.059	0.059	0.058	0.057	0.057	0.056	0.055	0.054	0.054	0.053
1.6	0.053	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.044	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001

PROBABILITY DENSITIES

ALPHA = 0.17

	0	1	2	3	4	5	6	7	8	9
0.0	0.961	0.960	0.958	0.955	0.949	0.943	0.935	0.926	0.915	0.904
0.1	0.891	0.877	0.862	0.847	0.830	0.813	0.795	0.777	0.758	0.739
0.2	0.720	0.701	0.681	0.662	0.643	0.623	0.604	0.586	0.567	0.549
0.3	0.532	0.515	0.498	0.482	0.466	0.451	0.436	0.422	0.409	0.396
0.4	0.383	0.371	0.360	0.349	0.339	0.329	0.320	0.311	0.302	0.294
0.5	0.286	0.279	0.272	0.265	0.258	0.252	0.246	0.241	0.235	0.230
0.6	0.225	0.220	0.216	0.212	0.207	0.203	0.199	0.196	0.192	0.188
0.7	0.185	0.182	0.178	0.175	0.172	0.169	0.167	0.164	0.161	0.158
0.8	0.156	0.153	0.151	0.149	0.146	0.144	0.142	0.139	0.137	0.135
0.9	0.133	0.131	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.117
1.0	0.115	0.113	0.112	0.110	0.109	0.107	0.106	0.104	0.103	0.101
1.1	0.100	0.099	0.097	0.096	0.095	0.093	0.092	0.091	0.090	0.088
1.2	0.087	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068
1.4	0.067	0.067	0.066	0.065	0.064	0.063	0.062	0.062	0.061	0.060
1.5	0.059	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053
1.6	0.053	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.043	0.043	0.042	0.042
1.8	0.041	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.018	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.18

	0	1	2	3	4	5	6	7	8	9
0.0	0.932	0.931	0.930	0.926	0.922	0.916	0.909	0.901	0.892	0.882
0.1	0.870	0.858	0.845	0.831	0.816	0.801	0.785	0.768	0.752	0.734
0.2	0.717	0.699	0.681	0.663	0.645	0.627	0.610	0.592	0.575	0.557
0.3	0.540	0.524	0.508	0.492	0.477	0.462	0.447	0.433	0.420	0.407
0.4	0.394	0.382	0.371	0.360	0.349	0.339	0.329	0.320	0.311	0.302
0.5	0.294	0.286	0.279	0.272	0.265	0.258	0.252	0.246	0.240	0.235
0.6	0.230	0.225	0.220	0.215	0.211	0.207	0.202	0.198	0.195	0.191
0.7	0.187	0.184	0.181	0.177	0.174	0.171	0.168	0.165	0.163	0.160
0.8	0.157	0.155	0.152	0.150	0.147	0.145	0.143	0.140	0.138	0.136
0.9	0.134	0.132	0.130	0.128	0.126	0.124	0.123	0.121	0.119	0.117
1.0	0.116	0.114	0.112	0.111	0.109	0.108	0.106	0.105	0.103	0.102
1.1	0.100	0.099	0.098	0.096	0.095	0.094	0.092	0.091	0.090	0.089
1.2	0.088	0.086	0.085	0.084	0.083	0.082	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.068
1.4	0.068	0.067	0.066	0.065	0.064	0.063	0.063	0.062	0.061	0.060
1.5	0.060	0.059	0.058	0.057	0.057	0.056	0.055	0.055	0.054	0.053
1.6	0.053	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.024	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.19

	0	1	2	3	4	5	6	7	8	9
0.0	0.905	0.905	0.903	0.900	0.896	0.891	0.885	0.878	0.870	0.861
0.1	0.851	0.840	0.828	0.815	0.802	0.789	0.774	0.759	0.744	0.728
0.2	0.712	0.696	0.679	0.663	0.646	0.629	0.613	0.596	0.580	0.564
0.3	0.548	0.532	0.516	0.501	0.486	0.472	0.457	0.444	0.430	0.417
0.4	0.405	0.393	0.381	0.370	0.359	0.348	0.338	0.329	0.320	0.311
0.5	0.302	0.294	0.286	0.279	0.272	0.265	0.258	0.252	0.246	0.240
0.6	0.235	0.229	0.224	0.219	0.215	0.210	0.206	0.202	0.198	0.194
0.7	0.190	0.187	0.183	0.180	0.176	0.173	0.170	0.167	0.164	0.162
0.8	0.159	0.156	0.154	0.151	0.149	0.146	0.144	0.142	0.139	0.137
0.9	0.135	0.133	0.131	0.129	0.127	0.125	0.123	0.121	0.120	0.118
1.0	0.116	0.115	0.113	0.111	0.110	0.108	0.107	0.105	0.104	0.102
1.1	0.101	0.099	0.098	0.097	0.095	0.094	0.093	0.092	0.090	0.089
1.2	0.088	0.087	0.086	0.084	0.083	0.082	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069	0.069
1.4	0.068	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061	0.060
1.5	0.060	0.059	0.058	0.058	0.057	0.056	0.055	0.055	0.054	0.053
1.6	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.20

	0	1	2	3	4	5	6	7	8	9
0.0	0.881	0.880	0.879	0.876	0.873	0.868	0.863	0.856	0.849	0.841
0.1	0.832	0.822	0.812	0.800	0.789	0.776	0.763	0.750	0.736	0.721
0.2	0.707	0.692	0.676	0.661	0.646	0.630	0.615	0.599	0.584	0.568
0.3	0.553	0.538	0.523	0.508	0.494	0.480	0.466	0.453	0.440	0.427
0.4	0.414	0.402	0.391	0.379	0.368	0.358	0.348	0.338	0.328	0.319
0.5	0.311	0.302	0.294	0.286	0.279	0.272	0.265	0.258	0.252	0.246
0.6	0.240	0.235	0.229	0.224	0.219	0.214	0.210	0.205	0.201	0.197
0.7	0.193	0.189	0.186	0.182	0.179	0.176	0.172	0.169	0.166	0.163
0.8	0.161	0.158	0.155	0.153	0.150	0.148	0.145	0.143	0.141	0.138
0.9	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122	0.120	0.119
1.0	0.117	0.115	0.114	0.112	0.110	0.109	0.107	0.106	0.104	0.103
1.1	0.101	0.100	0.098	0.097	0.096	0.094	0.093	0.092	0.091	0.089
1.2	0.088	0.087	0.086	0.085	0.084	0.083	0.081	0.080	0.079	0.078
1.3	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.071	0.070	0.069
1.4	0.068	0.067	0.066	0.065	0.065	0.064	0.063	0.062	0.061	0.061
1.5	0.060	0.059	0.058	0.058	0.057	0.056	0.056	0.055	0.054	0.054
1.6	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048	0.047
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.037
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.7	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.22

	0	1	2	3	4	5	6	7	8	9
0.0	0.837	0.837	0.836	0.834	0.831	0.827	0.823	0.818	0.812	0.805
0.1	0.798	0.790	0.781	0.772	0.762	0.752	0.741	0.730	0.718	0.706
0.2	0.694	0.681	0.668	0.655	0.641	0.628	0.614	0.601	0.587	0.573
0.3	0.560	0.546	0.533	0.519	0.506	0.493	0.480	0.467	0.455	0.443
0.4	0.431	0.419	0.408	0.396	0.386	0.375	0.365	0.355	0.345	0.336
0.5	0.327	0.318	0.310	0.302	0.294	0.286	0.279	0.272	0.265	0.258
0.6	0.252	0.246	0.240	0.235	0.229	0.224	0.219	0.214	0.209	0.205
0.7	0.201	0.196	0.192	0.189	0.185	0.181	0.178	0.174	0.171	0.168
0.8	0.165	0.162	0.159	0.156	0.153	0.151	0.148	0.146	0.143	0.141
0.9	0.139	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122	0.120
1.0	0.119	0.117	0.115	0.113	0.112	0.110	0.108	0.107	0.105	0.104
1.1	0.102	0.101	0.100	0.098	0.097	0.095	0.094	0.093	0.092	0.090
1.2	0.089	0.088	0.087	0.085	0.084	0.083	0.082	0.081	0.080	0.079
1.3	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070	0.069
1.4	0.068	0.067	0.067	0.066	0.065	0.064	0.063	0.062	0.062	0.061
1.5	0.060	0.059	0.059	0.058	0.057	0.057	0.056	0.055	0.054	0.054
1.6	0.053	0.052	0.052	0.051	0.051	0.050	0.049	0.049	0.048	0.048
1.7	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.7	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014
2.8	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.24

	0	1	2	3	4	5	6	7	8	9
0.0	0.799	0.799	0.798	0.796	0.794	0.791	0.787	0.783	0.778	0.773
0.1	0.767	0.760	0.753	0.745	0.737	0.728	0.719	0.710	0.700	0.690
0.2	0.679	0.668	0.657	0.646	0.634	0.622	0.610	0.598	0.586	0.574
0.3	0.562	0.550	0.538	0.525	0.513	0.501	0.489	0.478	0.466	0.455
0.4	0.443	0.432	0.421	0.410	0.400	0.390	0.380	0.370	0.360	0.351
0.5	0.342	0.333	0.324	0.316	0.308	0.300	0.293	0.285	0.278	0.271
0.6	0.265	0.258	0.252	0.246	0.240	0.234	0.229	0.224	0.219	0.214
0.7	0.209	0.205	0.200	0.196	0.192	0.188	0.184	0.180	0.177	0.173
0.8	0.170	0.167	0.164	0.161	0.158	0.155	0.152	0.150	0.147	0.144
0.9	0.142	0.140	0.137	0.135	0.133	0.131	0.128	0.126	0.124	0.122
1.0	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108	0.107	0.105
1.1	0.104	0.102	0.101	0.099	0.098	0.097	0.095	0.094	0.093	0.091
1.2	0.090	0.089	0.088	0.086	0.085	0.084	0.083	0.082	0.081	0.080
1.3	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.072	0.071	0.070
1.4	0.069	0.068	0.067	0.066	0.065	0.064	0.064	0.063	0.062	0.061
1.5	0.060	0.060	0.059	0.058	0.058	0.057	0.056	0.055	0.055	0.054
1.6	0.053	0.053	0.052	0.051	0.051	0.050	0.050	0.049	0.048	0.048
1.7	0.047	0.047	0.046	0.046	0.045	0.044	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017
2.6	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.7	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.26

	0	1	2	3	4	5	6	7	8	9
0.0	0.766	0.766	0.765	0.764	0.762	0.759	0.756	0.753	0.749	0.744
0.1	0.739	0.733	0.727	0.721	0.714	0.706	0.699	0.691	0.682	0.673
0.2	0.664	0.655	0.645	0.635	0.625	0.615	0.604	0.594	0.583	0.572
0.3	0.561	0.550	0.539	0.528	0.517	0.506	0.496	0.485	0.474	0.463
0.4	0.453	0.442	0.432	0.422	0.412	0.402	0.392	0.382	0.373	0.364
0.5	0.355	0.346	0.338	0.329	0.321	0.313	0.306	0.298	0.291	0.284
0.6	0.277	0.270	0.264	0.257	0.251	0.245	0.240	0.234	0.229	0.223
0.7	0.218	0.214	0.209	0.204	0.200	0.196	0.192	0.188	0.184	0.180
0.8	0.176	0.173	0.169	0.166	0.163	0.160	0.157	0.154	0.151	0.148
0.9	0.146	0.143	0.141	0.138	0.136	0.134	0.131	0.129	0.127	0.125
1.0	0.123	0.121	0.119	0.117	0.115	0.114	0.112	0.110	0.109	0.107
1.1	0.105	0.104	0.102	0.101	0.099	0.098	0.096	0.095	0.094	0.092
1.2	0.091	0.090	0.089	0.087	0.086	0.085	0.084	0.083	0.081	0.080
1.3	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071	0.070
1.4	0.069	0.068	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.062
1.5	0.061	0.060	0.059	0.059	0.058	0.057	0.056	0.056	0.055	0.054
1.6	0.054	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.049	0.048
1.7	0.047	0.047	0.046	0.046	0.045	0.045	0.044	0.043	0.043	0.042
1.8	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.039	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019
2.5	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017
2.6	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.7	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.28

	0	1	2	3	4	5	6	7	8	9
0.0	0.737	0.737	0.736	0.735	0.733	0.731	0.729	0.726	0.722	0.718
0.1	0.714	0.709	0.704	0.698	0.692	0.686	0.679	0.672	0.665	0.657
0.2	0.649	0.641	0.633	0.624	0.615	0.606	0.597	0.587	0.578	0.568
0.3	0.558	0.549	0.539	0.529	0.519	0.509	0.499	0.489	0.479	0.469
0.4	0.459	0.449	0.440	0.430	0.420	0.411	0.402	0.393	0.384	0.375
0.5	0.366	0.358	0.349	0.341	0.333	0.325	0.317	0.310	0.303	0.295
0.6	0.288	0.282	0.275	0.269	0.262	0.256	0.250	0.244	0.239	0.233
0.7	0.228	0.223	0.218	0.213	0.209	0.204	0.200	0.195	0.191	0.187
0.8	0.183	0.180	0.176	0.172	0.169	0.166	0.162	0.159	0.156	0.153
0.9	0.150	0.148	0.145	0.142	0.140	0.137	0.135	0.133	0.130	0.128
1.0	0.126	0.124	0.122	0.120	0.118	0.116	0.114	0.112	0.111	0.109
1.1	0.107	0.106	0.104	0.102	0.101	0.099	0.098	0.096	0.095	0.094
1.2	0.092	0.091	0.090	0.088	0.087	0.086	0.085	0.084	0.082	0.081
1.3	0.080	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072	0.071
1.4	0.070	0.069	0.068	0.067	0.066	0.065	0.065	0.064	0.063	0.062
1.5	0.061	0.061	0.060	0.059	0.058	0.057	0.057	0.056	0.055	0.055
1.6	0.054	0.053	0.053	0.052	0.051	0.051	0.050	0.049	0.049	0.048
1.7	0.048	0.047	0.046	0.046	0.045	0.045	0.044	0.044	0.043	0.043
1.8	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.033
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019
2.5	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017
2.6	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.7	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.30

	0	1	2	3	4	5	6	7	8	9
0.0	0.711	0.711	0.711	0.710	0.708	0.706	0.704	0.701	0.698	0.695
0.1	0.691	0.687	0.683	0.678	0.672	0.667	0.661	0.655	0.649	0.642
0.2	0.635	0.628	0.620	0.613	0.605	0.597	0.588	0.580	0.571	0.563
0.3	0.554	0.545	0.536	0.527	0.518	0.509	0.500	0.491	0.481	0.472
0.4	0.463	0.454	0.445	0.436	0.427	0.418	0.409	0.401	0.392	0.384
0.5	0.375	0.367	0.359	0.351	0.343	0.335	0.328	0.320	0.313	0.306
0.6	0.299	0.292	0.286	0.279	0.273	0.266	0.260	0.255	0.249	0.243
0.7	0.238	0.232	0.227	0.222	0.217	0.213	0.208	0.203	0.199	0.195
0.8	0.191	0.187	0.183	0.179	0.175	0.172	0.168	0.165	0.162	0.159
0.9	0.156	0.153	0.150	0.147	0.144	0.142	0.139	0.137	0.134	0.132
1.0	0.129	0.127	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.111
1.1	0.109	0.108	0.106	0.104	0.103	0.101	0.100	0.098	0.097	0.095
1.2	0.094	0.092	0.091	0.090	0.088	0.087	0.086	0.085	0.083	0.082
1.3	0.081	0.080	0.079	0.078	0.077	0.076	0.075	0.074	0.073	0.072
1.4	0.071	0.070	0.069	0.068	0.067	0.066	0.065	0.064	0.063	0.063
1.5	0.062	0.061	0.060	0.059	0.059	0.058	0.057	0.056	0.056	0.055
1.6	0.054	0.054	0.053	0.052	0.052	0.051	0.050	0.050	0.049	0.048
1.7	0.048	0.047	0.047	0.046	0.045	0.045	0.044	0.044	0.043	0.043
1.8	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038
1.9	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034	0.034
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019
2.5	0.019	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017
2.6	0.017	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.7	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013
2.8	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.32

	0	1	2	3	4	5	6	7	8	9
0.0	0.688	0.688	0.688	0.687	0.685	0.684	0.682	0.680	0.677	0.674
0.1	0.671	0.667	0.663	0.659	0.654	0.649	0.644	0.639	0.633	0.627
0.2	0.621	0.615	0.608	0.601	0.594	0.587	0.580	0.572	0.564	0.557
0.3	0.549	0.541	0.532	0.524	0.516	0.508	0.499	0.491	0.482	0.474
0.4	0.465	0.457	0.449	0.440	0.432	0.423	0.415	0.407	0.399	0.391
0.5	0.383	0.375	0.367	0.359	0.352	0.344	0.337	0.330	0.322	0.315
0.6	0.309	0.302	0.295	0.289	0.282	0.276	0.270	0.264	0.258	0.252
0.7	0.247	0.241	0.236	0.231	0.226	0.221	0.216	0.212	0.207	0.203
0.8	0.198	0.194	0.190	0.186	0.182	0.179	0.175	0.171	0.168	0.165
0.9	0.161	0.158	0.155	0.152	0.149	0.146	0.144	0.141	0.138	0.136
1.0	0.133	0.131	0.129	0.126	0.124	0.122	0.120	0.118	0.116	0.114
1.1	0.112	0.110	0.108	0.107	0.105	0.103	0.102	0.100	0.098	0.097
1.2	0.095	0.094	0.093	0.091	0.090	0.089	0.087	0.086	0.085	0.083
1.3	0.082	0.081	0.080	0.079	0.078	0.077	0.075	0.074	0.073	0.072
1.4	0.071	0.070	0.069	0.068	0.068	0.067	0.066	0.065	0.064	0.063
1.5	0.062	0.061	0.061	0.060	0.059	0.058	0.058	0.057	0.056	0.055
1.6	0.055	0.054	0.053	0.053	0.052	0.051	0.051	0.050	0.049	0.049
1.7	0.048	0.047	0.047	0.046	0.046	0.045	0.045	0.044	0.043	0.043
1.8	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038	0.038
1.9	0.037	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019
2.5	0.019	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
2.6	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015
2.7	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.34

	0	1	2	3	4	5	6	7	8	9
0.0	0.668	0.667	0.667	0.666	0.665	0.664	0.662	0.660	0.658	0.655
0.1	0.652	0.649	0.645	0.641	0.637	0.633	0.629	0.624	0.619	0.613
0.2	0.608	0.602	0.596	0.590	0.584	0.577	0.571	0.564	0.557	0.550
0.3	0.543	0.535	0.528	0.520	0.513	0.505	0.498	0.490	0.482	0.474
0.4	0.466	0.458	0.451	0.443	0.435	0.427	0.419	0.412	0.404	0.396
0.5	0.389	0.381	0.374	0.366	0.359	0.352	0.344	0.337	0.330	0.324
0.6	0.317	0.310	0.304	0.297	0.291	0.285	0.279	0.273	0.267	0.261
0.7	0.256	0.250	0.245	0.239	0.234	0.229	0.224	0.220	0.215	0.210
0.8	0.206	0.202	0.197	0.193	0.189	0.185	0.182	0.178	0.174	0.171
0.9	0.167	0.164	0.161	0.158	0.154	0.151	0.149	0.146	0.143	0.140
1.0	0.138	0.135	0.133	0.130	0.128	0.126	0.123	0.121	0.119	0.117
1.1	0.115	0.113	0.111	0.109	0.108	0.106	0.104	0.102	0.101	0.099
1.2	0.097	0.096	0.094	0.093	0.092	0.090	0.089	0.087	0.086	0.085
1.3	0.084	0.082	0.081	0.080	0.079	0.078	0.077	0.075	0.074	0.073
1.4	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.066	0.065	0.064
1.5	0.063	0.062	0.061	0.060	0.060	0.059	0.058	0.057	0.057	0.056
1.6	0.055	0.054	0.054	0.053	0.052	0.052	0.051	0.050	0.050	0.049
1.7	0.048	0.048	0.047	0.047	0.046	0.045	0.045	0.044	0.044	0.043
1.8	0.043	0.042	0.042	0.041	0.040	0.040	0.039	0.039	0.039	0.038
1.9	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.034
2.0	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019
2.5	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
2.6	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015
2.7	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.36

	0	1	2	3	4	5	6	7	8	9
0.0	0.649	0.649	0.648	0.648	0.647	0.645	0.644	0.642	0.640	0.638
0.1	0.635	0.632	0.629	0.626	0.622	0.618	0.614	0.610	0.605	0.600
0.2	0.595	0.590	0.585	0.579	0.574	0.568	0.562	0.556	0.549	0.543
0.3	0.536	0.530	0.523	0.516	0.509	0.502	0.495	0.488	0.481	0.473
0.4	0.466	0.459	0.451	0.444	0.437	0.429	0.422	0.415	0.407	0.400
0.5	0.393	0.386	0.379	0.372	0.365	0.358	0.351	0.344	0.337	0.331
0.6	0.324	0.317	0.311	0.305	0.299	0.293	0.287	0.281	0.275	0.269
0.7	0.263	0.258	0.253	0.247	0.242	0.237	0.232	0.227	0.223	0.218
0.8	0.213	0.209	0.205	0.200	0.196	0.192	0.188	0.184	0.181	0.177
0.9	0.173	0.170	0.167	0.163	0.160	0.157	0.154	0.151	0.148	0.145
1.0	0.142	0.140	0.137	0.134	0.132	0.130	0.127	0.125	0.123	0.120
1.1	0.115	0.116	0.114	0.112	0.110	0.108	0.107	0.105	0.103	0.101
1.2	0.100	0.098	0.097	0.095	0.093	0.092	0.091	0.089	0.088	0.086
1.3	0.085	0.084	0.083	0.081	0.080	0.079	0.078	0.077	0.075	0.074
1.4	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.065	0.064
1.5	0.064	0.063	0.062	0.061	0.060	0.059	0.059	0.058	0.057	0.056
1.6	0.055	0.055	0.054	0.053	0.053	0.052	0.051	0.051	0.050	0.049
1.7	0.049	0.048	0.047	0.047	0.046	0.046	0.045	0.044	0.044	0.043
1.8	0.043	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038
1.9	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.035	0.034	0.034
2.0	0.033	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019
2.5	0.018	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
2.6	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015
2.7	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.3	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.8	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.38

	0	1	2	3	4	5	6	7	8	9
0.0	0.632	0.632	0.631	0.631	0.630	0.629	0.627	0.626	0.624	0.622
0.1	0.619	0.617	0.614	0.611	0.608	0.604	0.600	0.597	0.592	0.588
0.2	0.584	0.579	0.574	0.569	0.564	0.559	0.553	0.548	0.542	0.536
0.3	0.530	0.524	0.518	0.511	0.505	0.498	0.492	0.485	0.478	0.472
0.4	0.465	0.458	0.451	0.444	0.437	0.431	0.424	0.417	0.410	0.403
0.5	0.396	0.389	0.383	0.376	0.369	0.362	0.356	0.349	0.343	0.336
0.6	0.330	0.324	0.318	0.311	0.305	0.299	0.293	0.288	0.282	0.276
0.7	0.271	0.265	0.260	0.255	0.249	0.244	0.239	0.234	0.230	0.225
0.8	0.220	0.216	0.211	0.207	0.203	0.199	0.195	0.191	0.187	0.183
0.9	0.179	0.176	0.172	0.169	0.166	0.162	0.159	0.156	0.153	0.150
1.0	0.147	0.144	0.142	0.139	0.136	0.134	0.131	0.129	0.126	0.124
1.1	0.122	0.120	0.118	0.116	0.113	0.111	0.110	0.108	0.106	0.104
1.2	0.102	0.101	0.099	0.097	0.096	0.094	0.093	0.091	0.090	0.088
1.3	0.087	0.085	0.084	0.083	0.082	0.080	0.079	0.078	0.077	0.076
1.4	0.074	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066	0.065
1.5	0.064	0.063	0.063	0.062	0.061	0.060	0.059	0.058	0.058	0.057
1.6	0.056	0.055	0.055	0.054	0.053	0.052	0.052	0.051	0.050	0.050
1.7	0.049	0.048	0.048	0.047	0.046	0.046	0.045	0.045	0.044	0.044
1.8	0.043	0.042	0.042	0.041	0.041	0.040	0.040	0.039	0.039	0.038
1.9	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034	0.034
2.0	0.033	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.030	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019
2.5	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016
2.6	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015
2.7	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013
2.8	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012
2.9	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.3	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.40

	0	1	2	3	4	5	6	7	8	9
0.0	0.616	0.616	0.616	0.615	0.615	0.614	0.612	0.611	0.609	0.607
0.1	0.605	0.603	0.600	0.597	0.594	0.591	0.588	0.584	0.581	0.577
0.2	0.573	0.568	0.564	0.559	0.555	0.550	0.545	0.540	0.534	0.529
0.3	0.523	0.518	0.512	0.506	0.500	0.494	0.488	0.482	0.476	0.469
0.4	0.463	0.457	0.450	0.444	0.437	0.431	0.425	0.418	0.411	0.405
0.5	0.399	0.392	0.386	0.379	0.373	0.366	0.360	0.354	0.347	0.341
0.6	0.335	0.329	0.323	0.317	0.311	0.305	0.299	0.294	0.288	0.283
0.7	0.277	0.272	0.266	0.261	0.256	0.251	0.246	0.241	0.236	0.232
0.8	0.227	0.222	0.218	0.214	0.209	0.205	0.201	0.197	0.193	0.189
0.9	0.185	0.182	0.178	0.175	0.171	0.168	0.164	0.161	0.158	0.155
1.0	0.152	0.149	0.146	0.143	0.141	0.138	0.135	0.133	0.130	0.128
1.1	0.126	0.123	0.121	0.119	0.117	0.115	0.113	0.111	0.109	0.107
1.2	0.105	0.103	0.101	0.100	0.098	0.096	0.095	0.093	0.092	0.090
1.3	0.089	0.087	0.086	0.085	0.083	0.082	0.081	0.079	0.078	0.077
1.4	0.076	0.075	0.073	0.072	0.071	0.070	0.069	0.068	0.067	0.066
1.5	0.065	0.064	0.063	0.062	0.062	0.061	0.060	0.059	0.058	0.057
1.6	0.057	0.056	0.055	0.054	0.054	0.053	0.052	0.051	0.051	0.050
1.7	0.049	0.049	0.048	0.047	0.047	0.046	0.046	0.045	0.044	0.044
1.8	0.043	0.043	0.042	0.042	0.041	0.041	0.040	0.039	0.039	0.038
1.9	0.038	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.034	0.034
2.0	0.033	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030	0.030
2.1	0.030	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021
2.4	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.018
2.5	0.018	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016
2.6	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015
2.7	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013
2.8	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012
2.9	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010
3.0	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
3.1	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.3	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.4	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.45

	0	1	2	3	4	5	6	7	8	9
0.0	0.583	0.583	0.583	0.583	0.582	0.581	0.580	0.579	0.578	0.576
0.1	0.574	0.572	0.570	0.568	0.566	0.563	0.560	0.558	0.555	0.551
0.2	0.548	0.545	0.541	0.537	0.533	0.529	0.525	0.521	0.517	0.512
0.3	0.508	0.503	0.498	0.493	0.488	0.483	0.478	0.473	0.468	0.462
0.4	0.457	0.452	0.446	0.441	0.435	0.429	0.424	0.418	0.412	0.407
0.5	0.401	0.395	0.390	0.384	0.378	0.373	0.367	0.361	0.356	0.350
0.6	0.344	0.339	0.333	0.328	0.322	0.317	0.311	0.306	0.301	0.295
0.7	0.290	0.285	0.280	0.275	0.270	0.265	0.260	0.255	0.251	0.246
0.8	0.242	0.237	0.233	0.228	0.224	0.220	0.215	0.211	0.207	0.203
0.9	0.199	0.196	0.192	0.188	0.185	0.181	0.177	0.174	0.171	0.167
1.0	0.164	0.161	0.158	0.155	0.152	0.149	0.146	0.144	0.141	0.138
1.1	0.136	0.133	0.131	0.128	0.126	0.123	0.121	0.119	0.117	0.115
1.2	0.113	0.111	0.109	0.107	0.105	0.103	0.101	0.099	0.098	0.096
1.3	0.094	0.093	0.091	0.090	0.088	0.087	0.085	0.084	0.082	0.081
1.4	0.080	0.078	0.077	0.076	0.075	0.073	0.072	0.071	0.070	0.069
1.5	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.061	0.060	0.059
1.6	0.058	0.058	0.057	0.056	0.055	0.054	0.054	0.053	0.052	0.051
1.7	0.051	0.050	0.049	0.048	0.048	0.047	0.046	0.046	0.045	0.045
1.8	0.044	0.043	0.043	0.042	0.042	0.041	0.041	0.040	0.039	0.039
1.9	0.038	0.038	0.037	0.037	0.036	0.036	0.036	0.035	0.035	0.034
2.0	0.034	0.033	0.033	0.032	0.032	0.032	0.031	0.031	0.030	0.030
2.1	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027	0.027	0.026
2.2	0.026	0.026	0.025	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021
2.4	0.020	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018
2.5	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016
2.6	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.014
2.7	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013
2.8	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
2.9	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
3.0	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009
3.1	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.2	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
3.3	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.4	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.5	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.9	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.2	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.557	0.557	0.556	0.556	0.555	0.555	0.554	0.553	0.552	0.551
0.1	0.549	0.548	0.546	0.544	0.542	0.540	0.538	0.535	0.533	0.530
0.2	0.527	0.524	0.521	0.518	0.515	0.512	0.508	0.504	0.501	0.497
0.3	0.493	0.489	0.485	0.481	0.477	0.472	0.468	0.463	0.459	0.454
0.4	0.450	0.445	0.440	0.435	0.431	0.426	0.421	0.416	0.411	0.406
0.5	0.401	0.396	0.391	0.385	0.380	0.375	0.370	0.365	0.360	0.355
0.6	0.350	0.345	0.339	0.334	0.329	0.324	0.319	0.314	0.309	0.304
0.7	0.300	0.295	0.290	0.285	0.280	0.276	0.271	0.267	0.262	0.257
0.8	0.253	0.249	0.244	0.240	0.236	0.232	0.227	0.223	0.219	0.215
0.9	0.211	0.208	0.204	0.200	0.196	0.193	0.189	0.186	0.182	0.179
1.0	0.175	0.172	0.169	0.166	0.163	0.160	0.157	0.154	0.151	0.148
1.1	0.145	0.143	0.140	0.137	0.135	0.132	0.130	0.127	0.125	0.123
1.2	0.121	0.118	0.116	0.114	0.112	0.110	0.108	0.106	0.104	0.102
1.3	0.100	0.099	0.097	0.095	0.094	0.092	0.090	0.089	0.087	0.086
1.4	0.084	0.083	0.081	0.080	0.079	0.077	0.076	0.075	0.074	0.072
1.5	0.071	0.070	0.069	0.068	0.067	0.066	0.065	0.064	0.063	0.062
1.6	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.055	0.054	0.053
1.7	0.052	0.051	0.051	0.050	0.049	0.048	0.048	0.047	0.046	0.046
1.8	0.045	0.044	0.044	0.043	0.042	0.042	0.041	0.041	0.040	0.040
1.9	0.039	0.039	0.038	0.037	0.037	0.036	0.036	0.035	0.035	0.035
2.0	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031	0.031	0.030
2.1	0.030	0.029	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.026
2.2	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.022	0.021	0.021	0.021	0.021
2.4	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.019	0.018	0.018
2.5	0.018	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016
2.6	0.016	0.016	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014
2.7	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013
2.8	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
2.9	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010
3.0	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.1	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.2	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.3	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.4	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.6	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.55

	0	1	2	3	4	5	6	7	8	9
0.0	0.535	0.535	0.535	0.534	0.534	0.533	0.532	0.532	0.531	0.530
0.1	0.528	0.527	0.526	0.524	0.522	0.520	0.519	0.516	0.514	0.512
0.2	0.510	0.507	0.504	0.502	0.499	0.496	0.493	0.490	0.487	0.483
0.3	0.480	0.477	0.473	0.469	0.466	0.462	0.458	0.454	0.450	0.446
0.4	0.442	0.438	0.434	0.430	0.425	0.421	0.417	0.412	0.408	0.403
0.5	0.399	0.394	0.390	0.385	0.380	0.376	0.371	0.366	0.362	0.357
0.6	0.352	0.348	0.343	0.338	0.334	0.329	0.324	0.320	0.315	0.311
0.7	0.306	0.302	0.297	0.293	0.288	0.284	0.279	0.275	0.270	0.266
0.8	0.262	0.258	0.253	0.249	0.245	0.241	0.237	0.233	0.229	0.225
0.9	0.221	0.218	0.214	0.210	0.206	0.203	0.199	0.196	0.192	0.189
1.0	0.185	0.182	0.179	0.176	0.172	0.169	0.166	0.163	0.160	0.157
1.1	0.155	0.152	0.149	0.146	0.144	0.141	0.138	0.136	0.133	0.131
1.2	0.129	0.126	0.124	0.122	0.119	0.117	0.115	0.113	0.111	0.109
1.3	0.107	0.105	0.103	0.101	0.099	0.098	0.096	0.094	0.093	0.091
1.4	0.089	0.088	0.086	0.085	0.083	0.082	0.080	0.079	0.078	0.076
1.5	0.075	0.074	0.073	0.071	0.070	0.069	0.068	0.067	0.066	0.065
1.6	0.063	0.062	0.061	0.060	0.059	0.058	0.058	0.057	0.056	0.055
1.7	0.054	0.053	0.052	0.052	0.051	0.050	0.049	0.048	0.048	0.047
1.8	0.046	0.046	0.045	0.044	0.044	0.043	0.042	0.042	0.041	0.040
1.9	0.040	0.039	0.039	0.038	0.038	0.037	0.037	0.036	0.036	0.035
2.0	0.035	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031	0.030
2.1	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018
2.5	0.018	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016
2.6	0.016	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014
2.7	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.8	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011
2.9	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
3.0	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008
3.1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.2	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.3	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.4	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.6	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.8	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.1	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
4.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.60

	0	1	2	3	4	5	6	7	8	9
0.0	0.517	0.517	0.516	0.516	0.516	0.515	0.515	0.514	0.513	0.512
0.1	0.511	0.510	0.509	0.507	0.506	0.504	0.502	0.501	0.499	0.497
0.2	0.495	0.492	0.490	0.488	0.485	0.483	0.480	0.477	0.475	0.472
0.3	0.469	0.466	0.462	0.459	0.456	0.453	0.449	0.446	0.442	0.439
0.4	0.435	0.431	0.427	0.424	0.420	0.416	0.412	0.408	0.404	0.400
0.5	0.396	0.392	0.387	0.383	0.379	0.375	0.371	0.366	0.362	0.358
0.6	0.354	0.349	0.345	0.341	0.336	0.332	0.328	0.323	0.319	0.315
0.7	0.310	0.306	0.302	0.298	0.293	0.289	0.285	0.281	0.277	0.273
0.8	0.269	0.265	0.261	0.257	0.253	0.249	0.245	0.241	0.237	0.233
0.9	0.229	0.226	0.222	0.218	0.215	0.211	0.208	0.204	0.201	0.197
1.0	0.194	0.191	0.187	0.184	0.181	0.178	0.175	0.172	0.169	0.166
1.1	0.163	0.160	0.157	0.154	0.151	0.149	0.146	0.144	0.141	0.138
1.2	0.136	0.133	0.131	0.129	0.126	0.124	0.122	0.120	0.118	0.115
1.3	0.113	0.111	0.109	0.107	0.105	0.103	0.102	0.100	0.098	0.096
1.4	0.095	0.093	0.091	0.090	0.088	0.086	0.085	0.083	0.082	0.081
1.5	0.079	0.078	0.076	0.075	0.074	0.072	0.071	0.070	0.069	0.068
1.6	0.066	0.065	0.064	0.063	0.062	0.061	0.060	0.059	0.058	0.057
1.7	0.056	0.055	0.054	0.053	0.053	0.052	0.051	0.050	0.049	0.049
1.8	0.048	0.047	0.046	0.046	0.045	0.044	0.043	0.043	0.042	0.041
1.9	0.041	0.040	0.040	0.039	0.038	0.038	0.037	0.037	0.036	0.036
2.0	0.035	0.035	0.034	0.034	0.033	0.033	0.032	0.032	0.031	0.031
2.1	0.030	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027	0.027
2.2	0.026	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016
2.6	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014
2.7	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.8	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011
2.9	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
3.0	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007
3.2	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.3	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.4	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.65

	0	1	2	3	4	5	6	7	8	9
0.0	0.501	0.501	0.501	0.501	0.501	0.500	0.500	0.499	0.498	0.497
0.1	0.496	0.495	0.494	0.493	0.492	0.490	0.489	0.487	0.486	0.484
0.2	0.482	0.480	0.478	0.476	0.474	0.471	0.469	0.466	0.464	0.461
0.3	0.459	0.456	0.453	0.450	0.447	0.444	0.441	0.438	0.435	0.431
0.4	0.428	0.425	0.421	0.418	0.414	0.411	0.407	0.404	0.400	0.396
0.5	0.393	0.389	0.385	0.381	0.377	0.373	0.369	0.365	0.362	0.358
0.6	0.354	0.350	0.346	0.342	0.338	0.334	0.329	0.325	0.321	0.317
0.7	0.313	0.309	0.305	0.301	0.297	0.293	0.289	0.285	0.282	0.278
0.8	0.274	0.270	0.266	0.262	0.258	0.255	0.251	0.247	0.243	0.240
0.9	0.236	0.232	0.229	0.225	0.222	0.218	0.215	0.211	0.208	0.204
1.0	0.201	0.198	0.195	0.191	0.188	0.185	0.182	0.179	0.176	0.173
1.1	0.170	0.167	0.164	0.161	0.159	0.156	0.153	0.150	0.148	0.145
1.2	0.143	0.140	0.138	0.135	0.133	0.131	0.128	0.126	0.124	0.121
1.3	0.119	0.117	0.115	0.113	0.111	0.109	0.107	0.105	0.103	0.101
1.4	0.100	0.098	0.096	0.094	0.093	0.091	0.089	0.088	0.086	0.085
1.5	0.083	0.082	0.080	0.079	0.077	0.076	0.075	0.073	0.072	0.071
1.6	0.070	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.061	0.060
1.7	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050
1.8	0.049	0.049	0.048	0.047	0.046	0.046	0.045	0.044	0.043	0.043
1.9	0.042	0.041	0.041	0.040	0.039	0.039	0.038	0.038	0.037	0.036
2.0	0.036	0.035	0.035	0.034	0.034	0.033	0.033	0.032	0.032	0.031
2.1	0.031	0.030	0.030	0.029	0.029	0.029	0.028	0.028	0.027	0.027
2.2	0.027	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.019	0.018	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015
2.6	0.015	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013
2.7	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012
2.8	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010
2.9	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
3.0	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.1	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
3.2	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.3	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.4	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.5	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
4.0	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.4	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
4.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.70

	0	1	2	3	4	5	6	7	8	9
0.0	0.489	0.489	0.488	0.488	0.488	0.488	0.487	0.486	0.486	0.485
0.1	0.484	0.483	0.482	0.481	0.480	0.479	0.477	0.476	0.474	0.473
0.2	0.471	0.469	0.467	0.465	0.463	0.461	0.459	0.457	0.455	0.452
0.3	0.450	0.447	0.445	0.442	0.439	0.437	0.434	0.431	0.428	0.425
0.4	0.422	0.419	0.416	0.413	0.409	0.406	0.403	0.399	0.396	0.393
0.5	0.389	0.386	0.382	0.379	0.375	0.371	0.368	0.364	0.360	0.357
0.6	0.353	0.349	0.346	0.342	0.338	0.334	0.330	0.327	0.323	0.319
0.7	0.315	0.311	0.308	0.304	0.300	0.296	0.293	0.289	0.285	0.281
0.8	0.278	0.274	0.270	0.266	0.263	0.259	0.255	0.252	0.248	0.245
0.9	0.241	0.239	0.234	0.231	0.227	0.224	0.220	0.217	0.214	0.210
1.0	0.207	0.204	0.201	0.197	0.194	0.191	0.188	0.185	0.182	0.179
1.1	0.176	0.173	0.170	0.168	0.165	0.162	0.159	0.157	0.154	0.151
1.2	0.149	0.146	0.144	0.141	0.139	0.136	0.134	0.132	0.129	0.127
1.3	0.125	0.123	0.120	0.118	0.116	0.114	0.112	0.110	0.108	0.106
1.4	0.104	0.103	0.101	0.099	0.097	0.095	0.094	0.092	0.090	0.089
1.5	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074
1.6	0.073	0.072	0.070	0.069	0.068	0.067	0.066	0.064	0.063	0.062
1.7	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052
1.8	0.051	0.050	0.050	0.049	0.048	0.047	0.046	0.046	0.045	0.044
1.9	0.043	0.043	0.042	0.041	0.041	0.040	0.039	0.039	0.038	0.037
2.0	0.037	0.036	0.036	0.035	0.034	0.034	0.033	0.033	0.032	0.032
2.1	0.031	0.031	0.030	0.030	0.029	0.029	0.028	0.028	0.028	0.027
2.2	0.027	0.026	0.026	0.026	0.025	0.025	0.024	0.024	0.024	0.023
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015
2.6	0.015	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013	0.013
2.7	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.011
2.8	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
2.9	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009
3.0	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
3.1	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.2	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.3	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.4	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
4.4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.75

	0	1	2	3	4	5	6	7	8	9
0.0	0.478	0.478	0.478	0.477	0.477	0.477	0.476	0.476	0.475	0.474
0.1	0.474	0.473	0.472	0.471	0.470	0.469	0.467	0.466	0.465	0.463
0.2	0.462	0.460	0.458	0.456	0.455	0.453	0.451	0.449	0.447	0.444
0.3	0.442	0.440	0.437	0.435	0.433	0.430	0.427	0.425	0.422	0.419
0.4	0.416	0.414	0.411	0.408	0.405	0.402	0.399	0.395	0.392	0.389
0.5	0.386	0.383	0.379	0.376	0.373	0.369	0.366	0.362	0.359	0.356
0.6	0.352	0.349	0.345	0.341	0.338	0.334	0.331	0.327	0.324	0.320
0.7	0.316	0.313	0.309	0.306	0.302	0.298	0.295	0.291	0.288	0.284
0.8	0.280	0.277	0.273	0.270	0.266	0.263	0.259	0.256	0.252	0.249
0.9	0.245	0.242	0.238	0.235	0.232	0.228	0.225	0.222	0.218	0.215
1.0	0.212	0.209	0.206	0.203	0.199	0.196	0.193	0.190	0.187	0.184
1.1	0.181	0.179	0.176	0.173	0.170	0.167	0.165	0.162	0.159	0.157
1.2	0.154	0.151	0.149	0.146	0.144	0.141	0.139	0.137	0.134	0.132
1.3	0.130	0.128	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.111
1.4	0.109	0.107	0.105	0.103	0.101	0.100	0.098	0.096	0.094	0.093
1.5	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080	0.079	0.077
1.6	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067	0.066	0.065
1.7	0.064	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.054
1.8	0.053	0.052	0.051	0.050	0.050	0.049	0.048	0.047	0.046	0.045
1.9	0.045	0.044	0.043	0.042	0.042	0.041	0.040	0.040	0.039	0.038
2.0	0.038	0.037	0.036	0.036	0.035	0.035	0.034	0.034	0.033	0.032
2.1	0.032	0.031	0.031	0.030	0.030	0.029	0.029	0.028	0.028	0.028
2.2	0.027	0.027	0.026	0.026	0.025	0.025	0.025	0.024	0.024	0.024
2.3	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.6	0.015	0.015	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013
2.7	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
2.8	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010
2.9	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008
3.0	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007
3.1	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006
3.2	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.3	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.4	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.9	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.3	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.80

	0	1	2	3	4	5	6	7	8	9
0.0	0.469	0.468	0.468	0.468	0.468	0.468	0.467	0.467	0.466	0.465
0.1	0.465	0.464	0.463	0.462	0.461	0.460	0.459	0.458	0.456	0.455
0.2	0.453	0.452	0.450	0.449	0.447	0.445	0.443	0.441	0.440	0.437
0.3	0.435	0.433	0.431	0.429	0.426	0.424	0.422	0.419	0.417	0.414
0.4	0.411	0.409	0.406	0.403	0.400	0.398	0.395	0.392	0.389	0.386
0.5	0.383	0.380	0.377	0.374	0.370	0.367	0.364	0.361	0.358	0.354
0.6	0.351	0.348	0.344	0.341	0.338	0.334	0.331	0.327	0.324	0.320
0.7	0.317	0.314	0.310	0.307	0.303	0.300	0.296	0.293	0.289	0.286
0.8	0.283	0.279	0.276	0.272	0.269	0.265	0.262	0.259	0.255	0.252
0.9	0.249	0.245	0.242	0.239	0.235	0.232	0.229	0.226	0.222	0.219
1.0	0.216	0.213	0.210	0.207	0.204	0.201	0.198	0.195	0.192	0.189
1.1	0.186	0.183	0.180	0.178	0.175	0.172	0.169	0.167	0.164	0.161
1.2	0.159	0.156	0.154	0.151	0.149	0.146	0.144	0.141	0.139	0.137
1.3	0.134	0.132	0.130	0.128	0.125	0.123	0.121	0.119	0.117	0.115
1.4	0.113	0.111	0.109	0.107	0.105	0.103	0.102	0.100	0.098	0.096
1.5	0.095	0.093	0.091	0.090	0.088	0.086	0.085	0.083	0.082	0.080
1.6	0.079	0.078	0.076	0.075	0.074	0.072	0.071	0.070	0.068	0.067
1.7	0.066	0.065	0.064	0.062	0.061	0.060	0.059	0.058	0.057	0.056
1.8	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.049	0.048	0.047
1.9	0.046	0.045	0.044	0.044	0.043	0.042	0.041	0.041	0.040	0.039
2.0	0.039	0.038	0.037	0.037	0.036	0.035	0.035	0.034	0.034	0.033
2.1	0.033	0.032	0.031	0.031	0.030	0.030	0.029	0.029	0.028	0.028
2.2	0.028	0.027	0.027	0.026	0.026	0.025	0.025	0.025	0.024	0.024
2.3	0.023	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.015
2.6	0.015	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013
2.7	0.013	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011
2.8	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010
2.9	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008
3.0	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
3.1	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006
3.2	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.3	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.4	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.6	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.2	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
4.3	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.85

	0	1	2	3	4	5	6	7	8	9
0.0	0.461	0.461	0.460	0.460	0.460	0.460	0.459	0.459	0.458	0.458
0.1	0.457	0.456	0.455	0.455	0.454	0.453	0.451	0.450	0.449	0.448
0.2	0.446	0.445	0.444	0.442	0.440	0.439	0.437	0.435	0.433	0.431
0.3	0.430	0.428	0.425	0.423	0.421	0.419	0.417	0.414	0.412	0.410
0.4	0.407	0.405	0.402	0.399	0.397	0.394	0.391	0.389	0.386	0.383
0.5	0.380	0.377	0.374	0.371	0.368	0.365	0.362	0.359	0.356	0.353
0.6	0.350	0.347	0.343	0.340	0.337	0.334	0.330	0.327	0.324	0.321
0.7	0.317	0.314	0.311	0.307	0.304	0.301	0.297	0.294	0.291	0.287
0.8	0.284	0.281	0.278	0.274	0.271	0.268	0.264	0.261	0.258	0.255
0.9	0.251	0.248	0.245	0.242	0.238	0.235	0.232	0.229	0.226	0.223
1.0	0.220	0.217	0.213	0.210	0.207	0.204	0.202	0.199	0.196	0.193
1.1	0.190	0.187	0.184	0.181	0.179	0.176	0.173	0.171	0.168	0.165
1.2	0.163	0.160	0.158	0.155	0.153	0.150	0.148	0.145	0.143	0.141
1.3	0.138	0.136	0.134	0.131	0.129	0.127	0.125	0.123	0.121	0.119
1.4	0.117	0.115	0.113	0.111	0.109	0.107	0.105	0.103	0.101	0.100
1.5	0.098	0.096	0.094	0.093	0.091	0.090	0.088	0.086	0.085	0.083
1.6	0.082	0.080	0.079	0.078	0.076	0.075	0.073	0.072	0.071	0.070
1.7	0.068	0.067	0.066	0.065	0.063	0.062	0.061	0.060	0.059	0.058
1.8	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.048
1.9	0.047	0.047	0.046	0.045	0.044	0.043	0.043	0.042	0.041	0.040
2.0	0.040	0.039	0.038	0.038	0.037	0.036	0.036	0.035	0.034	0.034
2.1	0.033	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.029	0.028
2.2	0.028	0.027	0.027	0.027	0.026	0.026	0.025	0.025	0.024	0.024
2.3	0.024	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015
2.6	0.014	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013
2.7	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011
2.8	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
2.9	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
3.0	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
3.1	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.2	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.3	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.4	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
3.6	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.8	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
4.2	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.3	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.90

	0	1	2	3	4	5	6	7	8	9
0.0	0.454	0.454	0.454	0.453	0.453	0.453	0.452	0.452	0.452	0.451
0.1	0.450	0.450	0.449	0.448	0.447	0.446	0.445	0.444	0.443	0.442
0.2	0.440	0.439	0.438	0.436	0.435	0.433	0.431	0.430	0.428	0.426
0.3	0.424	0.422	0.421	0.419	0.416	0.414	0.412	0.410	0.408	0.405
0.4	0.403	0.401	0.398	0.396	0.393	0.391	0.388	0.385	0.383	0.380
0.5	0.377	0.375	0.372	0.369	0.366	0.363	0.360	0.357	0.354	0.351
0.6	0.348	0.345	0.342	0.339	0.336	0.333	0.330	0.327	0.324	0.321
0.7	0.317	0.314	0.311	0.308	0.305	0.301	0.298	0.295	0.292	0.289
0.8	0.285	0.282	0.279	0.276	0.273	0.269	0.266	0.263	0.260	0.257
0.9	0.253	0.250	0.247	0.244	0.241	0.238	0.235	0.232	0.229	0.226
1.0	0.222	0.219	0.216	0.214	0.211	0.208	0.205	0.202	0.199	0.196
1.1	0.193	0.190	0.188	0.185	0.182	0.179	0.177	0.174	0.171	0.169
1.2	0.166	0.164	0.161	0.159	0.156	0.154	0.151	0.149	0.146	0.144
1.3	0.142	0.139	0.137	0.135	0.133	0.130	0.128	0.126	0.124	0.122
1.4	0.120	0.118	0.116	0.114	0.112	0.110	0.108	0.106	0.104	0.103
1.5	0.101	0.099	0.097	0.096	0.094	0.092	0.091	0.089	0.087	0.086
1.6	0.084	0.083	0.081	0.080	0.079	0.077	0.076	0.074	0.073	0.072
1.7	0.070	0.069	0.068	0.067	0.065	0.064	0.063	0.062	0.061	0.060
1.8	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050
1.9	0.049	0.048	0.047	0.046	0.045	0.045	0.044	0.043	0.042	0.041
2.0	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.036	0.035	0.035
2.1	0.034	0.033	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.029
2.2	0.028	0.028	0.027	0.027	0.026	0.026	0.026	0.025	0.025	0.024
2.3	0.024	0.023	0.023	0.023	0.022	0.022	0.021	0.021	0.021	0.020
2.4	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.016	0.015	0.015	0.015	0.015
2.6	0.014	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.012
2.7	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.011
2.8	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
2.9	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
3.0	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.1	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.2	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.3	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.4	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.5	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.6	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.7	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.1	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.2	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.3	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.443	0.443	0.442	0.442	0.442	0.442	0.441	0.441	0.441	0.440
0.1	0.440	0.439	0.438	0.437	0.437	0.436	0.435	0.434	0.433	0.432
0.2	0.431	0.429	0.428	0.427	0.425	0.424	0.422	0.421	0.419	0.418
0.3	0.416	0.414	0.412	0.411	0.409	0.407	0.405	0.403	0.401	0.399
0.4	0.396	0.394	0.392	0.390	0.387	0.385	0.383	0.380	0.378	0.375
0.5	0.373	0.370	0.368	0.365	0.362	0.360	0.357	0.354	0.352	0.349
0.6	0.346	0.343	0.340	0.338	0.335	0.332	0.329	0.326	0.323	0.320
0.7	0.317	0.314	0.311	0.308	0.305	0.302	0.299	0.296	0.293	0.290
0.8	0.287	0.284	0.281	0.278	0.275	0.272	0.269	0.266	0.263	0.260
0.9	0.257	0.254	0.251	0.248	0.245	0.242	0.239	0.236	0.233	0.230
1.0	0.227	0.224	0.221	0.218	0.215	0.213	0.210	0.207	0.204	0.201
1.1	0.198	0.196	0.193	0.190	0.188	0.185	0.182	0.180	0.177	0.174
1.2	0.172	0.169	0.167	0.164	0.162	0.159	0.157	0.155	0.152	0.150
1.3	0.147	0.145	0.143	0.141	0.138	0.136	0.134	0.132	0.130	0.128
1.4	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108
1.5	0.106	0.104	0.102	0.101	0.099	0.097	0.095	0.094	0.092	0.091
1.6	0.089	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076
1.7	0.074	0.073	0.072	0.070	0.069	0.068	0.067	0.065	0.064	0.063
1.8	0.062	0.061	0.060	0.059	0.057	0.056	0.055	0.054	0.053	0.052
1.9	0.051	0.050	0.049	0.049	0.048	0.047	0.046	0.045	0.044	0.043
2.0	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.037	0.036
2.1	0.035	0.035	0.034	0.033	0.033	0.032	0.032	0.031	0.030	0.030
2.2	0.029	0.029	0.028	0.028	0.027	0.027	0.026	0.026	0.025	0.025
2.3	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.021	0.021	0.021
2.4	0.020	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.012	0.012
2.7	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.011	0.010	0.010
2.8	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009
2.9	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
3.0	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
3.1	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.2	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.3	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.4	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
3.5	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.6	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
4.0	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.1	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.10

	0	1	2	3	4	5	6	7	8	9
0.0	0.434	0.434	0.434	0.434	0.434	0.433	0.433	0.433	0.432	0.432
0.1	0.431	0.431	0.430	0.429	0.429	0.428	0.427	0.426	0.425	0.424
0.2	0.423	0.422	0.421	0.419	0.418	0.417	0.415	0.414	0.412	0.411
0.3	0.409	0.408	0.406	0.404	0.403	0.401	0.399	0.397	0.395	0.393
0.4	0.391	0.389	0.387	0.385	0.383	0.381	0.378	0.376	0.374	0.372
0.5	0.369	0.367	0.364	0.362	0.359	0.357	0.354	0.352	0.349	0.347
0.6	0.344	0.341	0.339	0.336	0.333	0.331	0.328	0.325	0.322	0.319
0.7	0.317	0.314	0.311	0.308	0.305	0.302	0.300	0.297	0.294	0.291
0.8	0.288	0.285	0.282	0.279	0.276	0.273	0.271	0.268	0.265	0.262
0.9	0.259	0.256	0.253	0.250	0.247	0.244	0.242	0.239	0.236	0.233
1.0	0.230	0.227	0.225	0.222	0.219	0.216	0.213	0.211	0.208	0.205
1.1	0.202	0.200	0.197	0.194	0.192	0.189	0.186	0.184	0.181	0.179
1.2	0.176	0.174	0.171	0.169	0.166	0.164	0.161	0.159	0.157	0.154
1.3	0.152	0.150	0.147	0.145	0.143	0.141	0.138	0.136	0.134	0.132
1.4	0.130	0.128	0.126	0.124	0.122	0.120	0.118	0.116	0.114	0.112
1.5	0.110	0.108	0.106	0.105	0.103	0.101	0.099	0.098	0.096	0.094
1.6	0.093	0.091	0.090	0.088	0.086	0.085	0.083	0.082	0.080	0.079
1.7	0.078	0.076	0.075	0.073	0.072	0.071	0.070	0.068	0.067	0.066
1.8	0.065	0.063	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.055
1.9	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.0	0.044	0.043	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037
2.1	0.037	0.036	0.035	0.035	0.034	0.033	0.033	0.032	0.031	0.031
2.2	0.030	0.030	0.029	0.028	0.028	0.027	0.027	0.026	0.026	0.025
2.3	0.025	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.021	0.021
2.4	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012
2.7	0.012	0.011	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010
2.8	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008
2.9	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
3.0	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.1	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.2	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
3.3	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.5	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.9	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4.0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.20

	0	1	2	3	4	5	6	7	8	9
0.0	0.428	0.428	0.427	0.427	0.427	0.427	0.427	0.426	0.426	0.425
0.1	0.425	0.424	0.424	0.423	0.422	0.422	0.421	0.420	0.419	0.418
0.2	0.417	0.416	0.415	0.414	0.412	0.411	0.410	0.409	0.407	0.406
0.3	0.404	0.403	0.401	0.400	0.398	0.396	0.394	0.393	0.391	0.389
0.4	0.387	0.385	0.383	0.381	0.379	0.377	0.375	0.373	0.371	0.368
0.5	0.366	0.364	0.362	0.359	0.357	0.355	0.352	0.350	0.347	0.345
0.6	0.342	0.340	0.337	0.335	0.332	0.329	0.327	0.324	0.322	0.319
0.7	0.316	0.313	0.311	0.308	0.305	0.303	0.300	0.297	0.294	0.291
0.8	0.289	0.286	0.283	0.280	0.277	0.275	0.272	0.269	0.266	0.263
0.9	0.260	0.258	0.255	0.252	0.249	0.246	0.244	0.241	0.238	0.235
1.0	0.233	0.230	0.227	0.224	0.222	0.219	0.216	0.213	0.211	0.208
1.1	0.205	0.203	0.200	0.197	0.195	0.192	0.190	0.187	0.185	0.182
1.2	0.180	0.177	0.175	0.172	0.170	0.167	0.165	0.163	0.160	0.158
1.3	0.155	0.153	0.151	0.149	0.146	0.144	0.142	0.140	0.138	0.136
1.4	0.133	0.131	0.129	0.127	0.125	0.123	0.121	0.119	0.117	0.115
1.5	0.113	0.112	0.110	0.108	0.106	0.104	0.103	0.101	0.099	0.097
1.6	0.096	0.094	0.093	0.091	0.089	0.088	0.086	0.085	0.083	0.082
1.7	0.080	0.079	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068
1.8	0.067	0.066	0.064	0.063	0.062	0.061	0.060	0.059	0.058	0.057
1.9	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.049	0.048	0.047
2.0	0.046	0.045	0.044	0.043	0.042	0.042	0.041	0.040	0.039	0.038
2.1	0.038	0.037	0.036	0.036	0.035	0.034	0.033	0.033	0.032	0.032
2.2	0.031	0.030	0.030	0.029	0.029	0.028	0.027	0.027	0.026	0.026
2.3	0.025	0.025	0.024	0.024	0.023	0.023	0.023	0.022	0.022	0.021
2.4	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.7	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010
2.8	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008
2.9	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007
3.0	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.2	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.3	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
3.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.5	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.8	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
3.9	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.30

	0	1	2	3	4	5	6	7	8	9
0.0	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.421	0.421	0.420
0.1	0.420	0.419	0.419	0.418	0.417	0.417	0.416	0.415	0.414	0.413
0.2	0.412	0.411	0.410	0.409	0.408	0.407	0.406	0.404	0.403	0.402
0.3	0.400	0.399	0.397	0.396	0.394	0.393	0.391	0.389	0.387	0.386
0.4	0.384	0.382	0.380	0.378	0.376	0.374	0.372	0.370	0.368	0.366
0.5	0.364	0.362	0.359	0.357	0.355	0.353	0.350	0.348	0.346	0.343
0.6	0.341	0.338	0.336	0.333	0.331	0.328	0.326	0.323	0.321	0.318
0.7	0.316	0.313	0.310	0.308	0.305	0.302	0.300	0.297	0.294	0.292
0.8	0.289	0.286	0.283	0.281	0.278	0.275	0.273	0.270	0.267	0.264
0.9	0.262	0.259	0.256	0.253	0.251	0.248	0.245	0.242	0.240	0.237
1.0	0.234	0.232	0.229	0.226	0.224	0.221	0.218	0.216	0.213	0.210
1.1	0.208	0.205	0.202	0.200	0.197	0.195	0.192	0.190	0.187	0.185
1.2	0.182	0.180	0.177	0.175	0.172	0.170	0.168	0.165	0.163	0.161
1.3	0.158	0.156	0.154	0.151	0.149	0.147	0.145	0.143	0.140	0.138
1.4	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122	0.120	0.118
1.5	0.116	0.114	0.112	0.111	0.109	0.107	0.105	0.103	0.102	0.100
1.6	0.098	0.097	0.095	0.093	0.092	0.090	0.089	0.087	0.086	0.084
1.7	0.083	0.081	0.080	0.078	0.077	0.075	0.074	0.073	0.071	0.070
1.8	0.069	0.068	0.066	0.065	0.064	0.063	0.062	0.060	0.059	0.058
1.9	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049	0.048
2.0	0.047	0.046	0.045	0.044	0.044	0.043	0.042	0.041	0.040	0.039
2.1	0.039	0.038	0.037	0.036	0.036	0.035	0.034	0.034	0.033	0.032
2.2	0.032	0.031	0.030	0.030	0.029	0.029	0.028	0.027	0.027	0.026
2.3	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.022	0.021
2.4	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.017
2.5	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.7	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.009
2.8	0.009	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
2.9	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006
3.0	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005
3.1	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.2	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
3.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.40

	0	1	2	3	4	5	6	7	8	9
0.0	0.418	0.418	0.418	0.418	0.418	0.418	0.418	0.417	0.417	0.416
0.1	0.416	0.415	0.415	0.414	0.414	0.413	0.412	0.411	0.411	0.410
0.2	0.409	0.408	0.407	0.406	0.405	0.403	0.402	0.401	0.400	0.398
0.3	0.397	0.396	0.394	0.393	0.391	0.390	0.388	0.386	0.385	0.383
0.4	0.381	0.379	0.378	0.376	0.374	0.372	0.370	0.368	0.366	0.364
0.5	0.362	0.360	0.358	0.355	0.353	0.351	0.349	0.347	0.344	0.342
0.6	0.340	0.337	0.335	0.332	0.330	0.328	0.325	0.323	0.320	0.318
0.7	0.315	0.313	0.310	0.307	0.305	0.302	0.300	0.297	0.294	0.292
0.8	0.289	0.286	0.284	0.281	0.278	0.276	0.273	0.270	0.268	0.265
0.9	0.262	0.260	0.257	0.254	0.252	0.249	0.246	0.244	0.241	0.238
1.0	0.236	0.233	0.230	0.228	0.225	0.222	0.220	0.217	0.215	0.212
1.1	0.209	0.207	0.204	0.202	0.199	0.197	0.194	0.192	0.189	0.187
1.2	0.184	0.182	0.179	0.177	0.175	0.172	0.170	0.167	0.165	0.163
1.3	0.160	0.158	0.156	0.154	0.151	0.149	0.147	0.145	0.143	0.141
1.4	0.138	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122	0.120
1.5	0.118	0.116	0.115	0.113	0.111	0.109	0.107	0.106	0.104	0.102
1.6	0.100	0.099	0.097	0.095	0.094	0.092	0.091	0.089	0.087	0.086
1.7	0.084	0.083	0.081	0.080	0.079	0.077	0.076	0.074	0.073	0.072
1.8	0.070	0.069	0.068	0.067	0.065	0.064	0.063	0.062	0.061	0.060
1.9	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050	0.049
2.0	0.048	0.047	0.046	0.045	0.045	0.044	0.043	0.042	0.041	0.040
2.1	0.039	0.039	0.038	0.037	0.036	0.036	0.035	0.034	0.034	0.033
2.2	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.028	0.027	0.027
2.3	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.022
2.4	0.021	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012
2.7	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.009
2.8	0.009	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008
2.9	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
3.0	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.1	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
3.2	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.4	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
3.8	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.415	0.415	0.415	0.415	0.415	0.415	0.414	0.414	0.414	0.413
0.1	0.413	0.412	0.412	0.411	0.411	0.410	0.409	0.408	0.408	0.407
0.2	0.406	0.405	0.404	0.403	0.402	0.401	0.399	0.398	0.397	0.396
0.3	0.394	0.393	0.392	0.390	0.389	0.387	0.386	0.384	0.382	0.381
0.4	0.379	0.377	0.376	0.374	0.372	0.370	0.368	0.366	0.364	0.362
0.5	0.360	0.358	0.356	0.354	0.352	0.350	0.348	0.345	0.343	0.341
0.6	0.339	0.336	0.334	0.332	0.329	0.327	0.324	0.322	0.320	0.317
0.7	0.315	0.312	0.310	0.307	0.305	0.302	0.300	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.281	0.279	0.276	0.274	0.271	0.268	0.266
0.9	0.263	0.260	0.258	0.255	0.253	0.250	0.247	0.245	0.242	0.239
1.0	0.237	0.234	0.231	0.229	0.226	0.224	0.221	0.219	0.216	0.213
1.1	0.211	0.208	0.206	0.203	0.201	0.198	0.196	0.193	0.191	0.188
1.2	0.186	0.183	0.181	0.179	0.176	0.174	0.171	0.169	0.167	0.165
1.3	0.162	0.160	0.158	0.155	0.153	0.151	0.149	0.147	0.145	0.142
1.4	0.140	0.138	0.136	0.134	0.132	0.130	0.128	0.126	0.124	0.122
1.5	0.120	0.118	0.116	0.115	0.113	0.111	0.109	0.107	0.105	0.104
1.6	0.102	0.100	0.099	0.097	0.095	0.094	0.092	0.091	0.089	0.087
1.7	0.086	0.084	0.083	0.081	0.080	0.079	0.077	0.076	0.074	0.073
1.8	0.072	0.070	0.069	0.068	0.067	0.065	0.064	0.063	0.062	0.061
1.9	0.060	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051	0.050
2.0	0.049	0.048	0.047	0.046	0.045	0.044	0.044	0.043	0.042	0.041
2.1	0.040	0.039	0.039	0.038	0.037	0.036	0.036	0.035	0.034	0.033
2.2	0.033	0.032	0.031	0.031	0.030	0.030	0.029	0.028	0.028	0.027
2.3	0.027	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022	0.022
2.4	0.021	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011
2.7	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.009	0.009
2.8	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.007
2.9	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006
3.0	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.1	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.2	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
3.7	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.60

	0	1	2	3	4	5	6	7	8	9
0.0	0.413	0.413	0.412	0.412	0.412	0.412	0.412	0.411	0.411	0.411
0.1	0.410	0.410	0.409	0.409	0.408	0.407	0.407	0.406	0.405	0.404
0.2	0.403	0.403	0.402	0.401	0.400	0.398	0.397	0.396	0.395	0.394
0.3	0.392	0.391	0.390	0.388	0.387	0.385	0.384	0.382	0.381	0.379
0.4	0.377	0.376	0.374	0.372	0.371	0.369	0.367	0.365	0.363	0.361
0.5	0.359	0.357	0.355	0.353	0.351	0.349	0.346	0.344	0.342	0.340
0.6	0.338	0.335	0.333	0.331	0.329	0.326	0.324	0.321	0.319	0.317
0.7	0.314	0.312	0.309	0.307	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.282	0.279	0.277	0.274	0.271	0.269	0.266
0.9	0.264	0.261	0.258	0.256	0.253	0.251	0.248	0.245	0.243	0.240
1.0	0.238	0.235	0.232	0.230	0.227	0.225	0.222	0.220	0.217	0.214
1.1	0.212	0.209	0.207	0.204	0.202	0.199	0.197	0.194	0.192	0.190
1.2	0.187	0.185	0.182	0.180	0.178	0.175	0.173	0.171	0.168	0.166
1.3	0.164	0.161	0.159	0.157	0.155	0.152	0.150	0.148	0.146	0.144
1.4	0.142	0.140	0.138	0.135	0.133	0.131	0.129	0.127	0.125	0.124
1.5	0.122	0.120	0.118	0.116	0.114	0.112	0.110	0.109	0.107	0.105
1.6	0.103	0.102	0.100	0.098	0.097	0.095	0.093	0.092	0.090	0.089
1.7	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077	0.076	0.074
1.8	0.073	0.072	0.070	0.069	0.068	0.066	0.065	0.064	0.063	0.062
1.9	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.053	0.052	0.051
2.0	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043	0.042	0.042
2.1	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.035	0.035	0.034
2.2	0.033	0.032	0.032	0.031	0.031	0.030	0.029	0.029	0.028	0.027
2.3	0.027	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022
2.4	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011
2.7	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009
2.8	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007
2.9	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006
3.0	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.2	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.70

	0	1	2	3	4	5	6	7	8	9
0.0	0.410	0.410	0.410	0.410	0.410	0.410	0.410	0.409	0.409	0.409
0.1	0.408	0.408	0.407	0.407	0.406	0.405	0.405	0.404	0.403	0.402
0.2	0.402	0.401	0.400	0.399	0.398	0.397	0.395	0.394	0.393	0.392
0.3	0.391	0.389	0.388	0.387	0.385	0.384	0.382	0.381	0.379	0.378
0.4	0.376	0.374	0.373	0.371	0.369	0.367	0.365	0.364	0.362	0.360
0.5	0.358	0.356	0.354	0.352	0.350	0.348	0.346	0.344	0.341	0.339
0.6	0.337	0.335	0.333	0.330	0.328	0.326	0.323	0.321	0.319	0.316
0.7	0.314	0.312	0.309	0.307	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.282	0.279	0.277	0.274	0.272	0.269	0.267
0.9	0.264	0.261	0.259	0.256	0.254	0.251	0.249	0.246	0.243	0.241
1.0	0.238	0.236	0.233	0.231	0.228	0.225	0.223	0.220	0.218	0.215
1.1	0.213	0.210	0.208	0.205	0.203	0.200	0.198	0.195	0.193	0.191
1.2	0.188	0.186	0.183	0.181	0.179	0.176	0.174	0.172	0.169	0.167
1.3	0.165	0.163	0.160	0.158	0.156	0.154	0.151	0.149	0.147	0.145
1.4	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129	0.127	0.125
1.5	0.123	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108	0.106
1.6	0.105	0.103	0.101	0.099	0.098	0.096	0.094	0.093	0.091	0.090
1.7	0.088	0.087	0.085	0.084	0.082	0.081	0.079	0.078	0.077	0.075
1.8	0.074	0.072	0.071	0.070	0.069	0.067	0.066	0.065	0.064	0.062
1.9	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.054	0.052	0.051
2.0	0.050	0.049	0.048	0.048	0.047	0.046	0.045	0.044	0.043	0.042
2.1	0.041	0.040	0.040	0.039	0.038	0.037	0.036	0.036	0.035	0.034
2.2	0.034	0.033	0.032	0.031	0.031	0.030	0.030	0.029	0.028	0.028
2.3	0.027	0.027	0.026	0.025	0.025	0.024	0.024	0.023	0.023	0.022
2.4	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011
2.7	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009
2.8	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007
2.9	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
3.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.80

	0	1	2	3	4	5	6	7	8	9
0.0	0.409	0.409	0.409	0.409	0.408	0.408	0.408	0.408	0.407	0.407
0.1	0.407	0.406	0.406	0.405	0.404	0.404	0.403	0.402	0.402	0.401
0.2	0.400	0.399	0.398	0.397	0.396	0.395	0.394	0.393	0.392	0.391
0.3	0.389	0.388	0.387	0.385	0.384	0.383	0.381	0.380	0.378	0.376
0.4	0.375	0.373	0.371	0.370	0.368	0.366	0.364	0.363	0.361	0.359
0.5	0.357	0.355	0.353	0.351	0.349	0.347	0.345	0.343	0.341	0.339
0.6	0.336	0.334	0.332	0.330	0.328	0.325	0.323	0.321	0.318	0.316
0.7	0.314	0.311	0.309	0.307	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.284	0.282	0.279	0.277	0.274	0.272	0.269	0.267
0.9	0.264	0.262	0.259	0.257	0.254	0.252	0.249	0.246	0.244	0.241
1.0	0.239	0.236	0.234	0.231	0.229	0.226	0.224	0.221	0.219	0.216
1.1	0.214	0.211	0.209	0.206	0.204	0.201	0.199	0.196	0.194	0.191
1.2	0.189	0.187	0.184	0.182	0.180	0.177	0.175	0.173	0.170	0.168
1.3	0.166	0.164	0.161	0.159	0.157	0.155	0.152	0.150	0.148	0.146
1.4	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130	0.128	0.126
1.5	0.124	0.122	0.120	0.118	0.116	0.114	0.113	0.111	0.109	0.107
1.6	0.105	0.104	0.102	0.100	0.099	0.097	0.095	0.094	0.092	0.091
1.7	0.089	0.088	0.086	0.085	0.083	0.082	0.080	0.079	0.077	0.076
1.8	0.075	0.073	0.072	0.071	0.069	0.068	0.067	0.066	0.064	0.063
1.9	0.062	0.061	0.060	0.058	0.057	0.056	0.055	0.054	0.053	0.052
2.0	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043	0.043
2.1	0.042	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.035	0.035
2.2	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029	0.029	0.028
2.3	0.027	0.027	0.026	0.026	0.025	0.024	0.024	0.023	0.023	0.022
2.4	0.022	0.021	0.021	0.020	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009
2.8	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
2.9	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
3.6	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 1.90

	0	1	2	3	4	5	6	7	8	9
0.0	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.406	0.406	0.406
0.1	0.405	0.405	0.404	0.404	0.403	0.403	0.402	0.401	0.400	0.400
0.2	0.399	0.398	0.397	0.396	0.395	0.394	0.393	0.392	0.391	0.389
0.3	0.388	0.387	0.386	0.384	0.383	0.381	0.380	0.379	0.377	0.375
0.4	0.374	0.372	0.371	0.369	0.367	0.365	0.364	0.362	0.360	0.358
0.5	0.356	0.354	0.352	0.350	0.348	0.346	0.344	0.342	0.340	0.338
0.6	0.336	0.334	0.332	0.329	0.327	0.325	0.323	0.320	0.318	0.316
0.7	0.313	0.311	0.309	0.306	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.285	0.282	0.280	0.277	0.275	0.272	0.270	0.267
0.9	0.265	0.262	0.259	0.257	0.254	0.252	0.249	0.247	0.244	0.242
1.0	0.239	0.237	0.234	0.232	0.229	0.227	0.224	0.222	0.219	0.217
1.1	0.214	0.212	0.209	0.207	0.204	0.202	0.199	0.197	0.195	0.192
1.2	0.190	0.187	0.185	0.183	0.180	0.178	0.176	0.173	0.171	0.169
1.3	0.167	0.164	0.162	0.160	0.158	0.155	0.153	0.151	0.149	0.147
1.4	0.145	0.143	0.141	0.139	0.136	0.134	0.132	0.130	0.128	0.127
1.5	0.125	0.123	0.121	0.119	0.117	0.115	0.113	0.112	0.110	0.108
1.6	0.106	0.104	0.103	0.101	0.099	0.098	0.096	0.095	0.093	0.091
1.7	0.090	0.088	0.087	0.085	0.084	0.082	0.081	0.079	0.078	0.077
1.8	0.075	0.074	0.072	0.071	0.070	0.069	0.067	0.066	0.065	0.064
1.9	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.055	0.053	0.052
2.0	0.051	0.050	0.049	0.048	0.047	0.047	0.046	0.045	0.044	0.043
2.1	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036	0.036	0.035
2.2	0.034	0.033	0.033	0.032	0.031	0.031	0.030	0.029	0.029	0.028
2.3	0.027	0.027	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.022
2.4	0.022	0.021	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.017	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
2.8	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007
2.9	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 2.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.406	0.406	0.406	0.406	0.406	0.406	0.405	0.405	0.405	0.405
0.1	0.404	0.404	0.403	0.403	0.402	0.401	0.401	0.400	0.399	0.398
0.2	0.398	0.397	0.396	0.395	0.394	0.393	0.392	0.391	0.390	0.388
0.3	0.387	0.386	0.385	0.383	0.382	0.381	0.379	0.378	0.376	0.375
0.4	0.373	0.371	0.370	0.368	0.366	0.365	0.363	0.361	0.359	0.358
0.5	0.356	0.354	0.352	0.350	0.348	0.346	0.344	0.342	0.340	0.338
0.6	0.336	0.333	0.331	0.329	0.327	0.325	0.322	0.320	0.318	0.316
0.7	0.313	0.311	0.309	0.306	0.304	0.302	0.299	0.297	0.294	0.292
0.8	0.289	0.287	0.285	0.282	0.280	0.277	0.275	0.272	0.270	0.267
0.9	0.265	0.262	0.260	0.257	0.255	0.252	0.250	0.247	0.245	0.242
1.0	0.240	0.237	0.235	0.232	0.230	0.227	0.225	0.222	0.220	0.217
1.1	0.215	0.212	0.210	0.207	0.205	0.202	0.200	0.198	0.195	0.193
1.2	0.190	0.188	0.186	0.183	0.181	0.179	0.176	0.174	0.172	0.169
1.3	0.167	0.165	0.163	0.161	0.158	0.156	0.154	0.152	0.150	0.148
1.4	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129	0.127
1.5	0.125	0.123	0.121	0.120	0.118	0.116	0.114	0.112	0.110	0.109
1.6	0.107	0.105	0.103	0.102	0.100	0.098	0.097	0.095	0.094	0.092
1.7	0.090	0.089	0.087	0.086	0.084	0.083	0.081	0.080	0.078	0.077
1.8	0.076	0.074	0.073	0.072	0.070	0.069	0.068	0.067	0.065	0.064
1.9	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055	0.054	0.053
2.0	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044	0.043
2.1	0.042	0.041	0.041	0.040	0.039	0.038	0.037	0.037	0.036	0.035
2.2	0.034	0.033	0.033	0.032	0.031	0.031	0.030	0.029	0.029	0.028
2.3	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.014
2.6	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009
2.8	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
2.9	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005
3.0	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004
3.1	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
3.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 2.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.403	0.403	0.402	0.402	0.402	0.402	0.402	0.402	0.401	0.401
0.1	0.400	0.400	0.400	0.399	0.399	0.398	0.397	0.397	0.396	0.395
0.2	0.394	0.393	0.393	0.392	0.391	0.390	0.389	0.388	0.387	0.385
0.3	0.384	0.383	0.382	0.381	0.379	0.378	0.377	0.375	0.374	0.372
0.4	0.371	0.369	0.368	0.366	0.364	0.363	0.361	0.359	0.357	0.356
0.5	0.354	0.352	0.350	0.348	0.346	0.344	0.342	0.340	0.338	0.336
0.6	0.334	0.332	0.330	0.328	0.326	0.324	0.322	0.319	0.317	0.315
0.7	0.313	0.310	0.308	0.306	0.304	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.282	0.280	0.278	0.275	0.273	0.270	0.268
0.9	0.265	0.263	0.260	0.258	0.256	0.253	0.251	0.248	0.246	0.243
1.0	0.241	0.238	0.236	0.233	0.231	0.228	0.226	0.224	0.221	0.219
1.1	0.216	0.214	0.211	0.209	0.207	0.204	0.202	0.199	0.197	0.195
1.2	0.192	0.190	0.188	0.185	0.183	0.181	0.178	0.176	0.174	0.171
1.3	0.169	0.167	0.165	0.163	0.160	0.158	0.156	0.154	0.152	0.150
1.4	0.148	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131	0.129
1.5	0.127	0.125	0.124	0.122	0.120	0.118	0.116	0.114	0.112	0.111
1.6	0.109	0.107	0.105	0.104	0.102	0.100	0.099	0.097	0.095	0.094
1.7	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080	0.079
1.8	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067	0.065
1.9	0.064	0.063	0.062	0.061	0.060	0.058	0.057	0.056	0.055	0.054
2.0	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044
2.1	0.043	0.042	0.041	0.041	0.040	0.039	0.038	0.037	0.036	0.036
2.2	0.035	0.034	0.033	0.033	0.032	0.031	0.031	0.030	0.029	0.029
2.3	0.028	0.027	0.027	0.026	0.026	0.025	0.024	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011	0.011
2.7	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008
2.8	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006
2.9	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005
3.0	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.1	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.4	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 3.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.401	0.401	0.401	0.401	0.401	0.400	0.400	0.400	0.400	0.399
0.1	0.399	0.398	0.398	0.397	0.397	0.396	0.396	0.395	0.394	0.394
0.2	0.393	0.392	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384
0.3	0.383	0.382	0.381	0.379	0.378	0.377	0.375	0.374	0.373	0.371
0.4	0.370	0.368	0.367	0.365	0.363	0.362	0.360	0.358	0.357	0.355
0.5	0.353	0.351	0.349	0.348	0.346	0.344	0.342	0.340	0.338	0.336
0.6	0.334	0.332	0.330	0.328	0.326	0.323	0.321	0.319	0.317	0.315
0.7	0.313	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.275	0.273	0.271	0.268
0.9	0.266	0.263	0.261	0.258	0.256	0.254	0.251	0.249	0.246	0.244
1.0	0.241	0.239	0.236	0.234	0.231	0.229	0.227	0.224	0.222	0.219
1.1	0.217	0.215	0.212	0.210	0.207	0.205	0.203	0.200	0.198	0.195
1.2	0.193	0.191	0.188	0.186	0.184	0.182	0.179	0.177	0.175	0.172
1.3	0.170	0.168	0.166	0.164	0.161	0.159	0.157	0.155	0.153	0.151
1.4	0.149	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130
1.5	0.128	0.126	0.124	0.123	0.121	0.119	0.117	0.115	0.113	0.112
1.6	0.110	0.108	0.106	0.105	0.103	0.101	0.100	0.098	0.096	0.095
1.7	0.093	0.091	0.090	0.088	0.087	0.085	0.084	0.082	0.081	0.079
1.8	0.078	0.077	0.075	0.074	0.073	0.071	0.070	0.069	0.067	0.066
1.9	0.065	0.064	0.062	0.061	0.060	0.059	0.058	0.057	0.056	0.054
2.0	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045	0.044
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.038	0.038	0.037	0.036
2.2	0.035	0.034	0.034	0.033	0.032	0.032	0.031	0.030	0.029	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.011	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.006
2.9	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005
3.0	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001
3.4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 3.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.400	0.400	0.400	0.400	0.400	0.400	0.399	0.399	0.399	0.398
0.1	0.398	0.398	0.397	0.397	0.396	0.396	0.395	0.394	0.394	0.393
0.2	0.392	0.391	0.390	0.390	0.389	0.388	0.387	0.386	0.385	0.383
0.3	0.382	0.381	0.380	0.379	0.377	0.376	0.375	0.373	0.372	0.371
0.4	0.369	0.368	0.366	0.364	0.363	0.361	0.360	0.358	0.356	0.354
0.5	0.353	0.351	0.349	0.347	0.345	0.343	0.341	0.340	0.338	0.336
0.6	0.334	0.332	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.315
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.275	0.273	0.271	0.268
0.9	0.266	0.263	0.261	0.259	0.256	0.254	0.251	0.249	0.246	0.244
1.0	0.242	0.239	0.237	0.234	0.232	0.229	0.227	0.225	0.222	0.220
1.1	0.217	0.215	0.212	0.210	0.208	0.205	0.203	0.201	0.198	0.196
1.2	0.194	0.191	0.189	0.187	0.184	0.182	0.180	0.177	0.175	0.173
1.3	0.171	0.168	0.166	0.164	0.162	0.160	0.158	0.155	0.153	0.151
1.4	0.149	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.123	0.121	0.119	0.117	0.116	0.114	0.112
1.6	0.110	0.109	0.107	0.105	0.103	0.102	0.100	0.098	0.097	0.095
1.7	0.093	0.092	0.090	0.089	0.087	0.086	0.084	0.083	0.081	0.080
1.8	0.078	0.077	0.076	0.074	0.073	0.072	0.070	0.069	0.068	0.066
1.9	0.065	0.064	0.063	0.062	0.060	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.016	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 4.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.400	0.400	0.400	0.399	0.399	0.399	0.399	0.399	0.398	0.398
0.1	0.398	0.397	0.397	0.396	0.396	0.395	0.395	0.394	0.393	0.392
0.2	0.392	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384	0.383
0.3	0.382	0.381	0.380	0.378	0.377	0.376	0.374	0.373	0.372	0.370
0.4	0.369	0.367	0.366	0.364	0.363	0.361	0.359	0.358	0.356	0.354
0.5	0.352	0.351	0.349	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.315
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.275	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.251	0.249	0.247	0.244
1.0	0.242	0.239	0.237	0.234	0.232	0.230	0.227	0.225	0.222	0.220
1.1	0.218	0.215	0.213	0.210	0.208	0.206	0.203	0.201	0.198	0.196
1.2	0.194	0.191	0.189	0.187	0.185	0.182	0.180	0.178	0.175	0.173
1.3	0.171	0.169	0.167	0.164	0.162	0.160	0.158	0.156	0.154	0.151
1.4	0.149	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.123	0.121	0.120	0.118	0.116	0.114	0.112
1.6	0.111	0.109	0.107	0.105	0.104	0.102	0.100	0.099	0.097	0.095
1.7	0.094	0.092	0.091	0.089	0.087	0.086	0.084	0.083	0.082	0.080
1.8	0.079	0.077	0.076	0.075	0.073	0.072	0.070	0.069	0.068	0.067
1.9	0.065	0.064	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 4.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.398	0.398	0.398
0.1	0.397	0.397	0.397	0.396	0.395	0.395	0.394	0.394	0.393	0.392
0.2	0.391	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384	0.383
0.3	0.382	0.381	0.379	0.378	0.377	0.376	0.374	0.373	0.371	0.370
0.4	0.369	0.367	0.366	0.364	0.362	0.361	0.359	0.357	0.356	0.354
0.5	0.352	0.351	0.349	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.315
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.276	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.252	0.249	0.247	0.244
1.0	0.242	0.239	0.237	0.235	0.232	0.230	0.227	0.225	0.222	0.220
1.1	0.218	0.215	0.213	0.210	0.208	0.206	0.203	0.201	0.199	0.196
1.2	0.194	0.192	0.189	0.187	0.185	0.182	0.180	0.178	0.176	0.173
1.3	0.171	0.169	0.167	0.164	0.162	0.160	0.158	0.156	0.154	0.152
1.4	0.149	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.123	0.122	0.120	0.118	0.116	0.114	0.112
1.6	0.111	0.109	0.107	0.105	0.104	0.102	0.100	0.099	0.097	0.095
1.7	0.094	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080
1.8	0.079	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067
1.9	0.065	0.064	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.039	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 5.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.398	0.398	0.398
0.1	0.397	0.397	0.396	0.396	0.395	0.395	0.394	0.394	0.393	0.392
0.2	0.391	0.391	0.390	0.389	0.388	0.387	0.386	0.385	0.384	0.383
0.3	0.382	0.381	0.379	0.378	0.377	0.375	0.374	0.373	0.371	0.370
0.4	0.368	0.367	0.365	0.364	0.362	0.361	0.359	0.357	0.356	0.354
0.5	0.352	0.350	0.349	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.314
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.276	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.252	0.249	0.247	0.244
1.0	0.242	0.239	0.237	0.235	0.232	0.230	0.227	0.225	0.223	0.220
1.1	0.218	0.215	0.213	0.211	0.208	0.206	0.203	0.201	0.199	0.196
1.2	0.194	0.192	0.189	0.187	0.185	0.182	0.180	0.178	0.176	0.173
1.3	0.171	0.169	0.167	0.165	0.162	0.160	0.158	0.156	0.154	0.152
1.4	0.150	0.147	0.145	0.143	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.129	0.127	0.125	0.124	0.122	0.120	0.118	0.116	0.114	0.113
1.6	0.111	0.109	0.107	0.106	0.104	0.102	0.100	0.099	0.097	0.095
1.7	0.094	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080
1.8	0.079	0.077	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067
1.9	0.066	0.064	0.063	0.062	0.061	0.059	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.040	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006
2.9	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001

PROBABILITY DENSITIES

ALPHA = 0.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.399	0.399	0.399	0.399	0.399	0.398	0.398	0.398	0.398	0.397
0.1	0.397	0.397	0.396	0.396	0.395	0.394	0.394	0.393	0.393	0.392
0.2	0.391	0.390	0.389	0.389	0.388	0.387	0.386	0.385	0.384	0.383
0.3	0.381	0.380	0.379	0.378	0.377	0.375	0.374	0.373	0.371	0.370
0.4	0.368	0.367	0.365	0.364	0.362	0.361	0.359	0.357	0.356	0.354
0.5	0.352	0.350	0.348	0.347	0.345	0.343	0.341	0.339	0.337	0.335
0.6	0.333	0.331	0.329	0.327	0.325	0.323	0.321	0.319	0.317	0.314
0.7	0.312	0.310	0.308	0.306	0.303	0.301	0.299	0.297	0.294	0.292
0.8	0.290	0.287	0.285	0.283	0.280	0.278	0.276	0.273	0.271	0.268
0.9	0.266	0.264	0.261	0.259	0.256	0.254	0.252	0.249	0.247	0.244
1.0	0.242	0.240	0.237	0.235	0.232	0.230	0.227	0.225	0.223	0.220
1.1	0.218	0.215	0.213	0.211	0.208	0.206	0.204	0.201	0.199	0.197
1.2	0.194	0.192	0.190	0.187	0.185	0.183	0.180	0.178	0.176	0.174
1.3	0.171	0.169	0.167	0.165	0.163	0.160	0.158	0.156	0.154	0.152
1.4	0.150	0.148	0.146	0.144	0.141	0.139	0.137	0.135	0.133	0.131
1.5	0.130	0.128	0.126	0.124	0.122	0.120	0.118	0.116	0.115	0.113
1.6	0.111	0.109	0.107	0.106	0.104	0.102	0.101	0.099	0.097	0.096
1.7	0.094	0.092	0.091	0.089	0.088	0.086	0.085	0.083	0.082	0.080
1.8	0.079	0.078	0.076	0.075	0.073	0.072	0.071	0.069	0.068	0.067
1.9	0.066	0.064	0.063	0.062	0.061	0.060	0.058	0.057	0.056	0.055
2.0	0.054	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046	0.045
2.1	0.044	0.043	0.042	0.041	0.040	0.040	0.039	0.038	0.037	0.036
2.2	0.035	0.035	0.034	0.033	0.032	0.032	0.031	0.030	0.030	0.029
2.3	0.028	0.028	0.027	0.026	0.026	0.025	0.025	0.024	0.023	0.023
2.4	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.019	0.018	0.018
2.5	0.018	0.017	0.017	0.016	0.016	0.015	0.015	0.015	0.014	0.014
2.6	0.014	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011
2.7	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008
2.8	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006
2.9	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3.0	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
3.1	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
3.2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
3.3	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001

APPENDIX B

Table II. The Distribution Function of Z

The function tables is $F_Z(z;\alpha) = \int_{-\infty}^z f_Z(y,\alpha)dy$, the distribution function of Z, where

$$\alpha = \rho K / 2C\sigma^2$$

$$Z = \Phi / \left[\rho K \sqrt{\left(\frac{3}{4\alpha^2} + 1 \right)} \right].$$

The following values of the parameter α are used

0.00 (.01)	.20
.20 (.02)	.40
.40 (.05)	.90
.90 (.10)	2.00

∞

The first column gives z to one decimal. The column headings give the second decimal in z. Thus, $F_Z(1.43;0)$ is obtained by looking on the line for z = 1.4 and reading across to the column for 3. The value is 0.942.

By the symmetry of $f_Z(z)$, it follows that $F_Z(-z;\alpha) = 1 - F_Z(z;\alpha)$.

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.552	0.574	0.590	0.604	0.616	0.626	0.636	0.645	0.653
0.1	0.661	0.669	0.676	0.682	0.689	0.695	0.701	0.706	0.712	0.717
0.2	0.722	0.727	0.731	0.736	0.741	0.745	0.749	0.753	0.757	0.761
0.3	0.764	0.768	0.772	0.775	0.779	0.782	0.785	0.788	0.791	0.794
0.4	0.797	0.800	0.803	0.806	0.809	0.811	0.814	0.817	0.819	0.822
0.5	0.824	0.826	0.829	0.831	0.833	0.836	0.838	0.840	0.842	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.859	0.861	0.863
0.7	0.865	0.866	0.868	0.870	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.892	0.893
0.9	0.894	0.895	0.897	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.925
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965
1.9	0.965	0.965	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.01

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.540	0.568	0.588	0.602	0.615	0.626	0.636	0.645	0.653
0.1	0.661	0.668	0.675	0.682	0.689	0.695	0.700	0.706	0.712	0.717
0.2	0.722	0.727	0.731	0.736	0.740	0.745	0.749	0.753	0.757	0.761
0.3	0.764	0.768	0.772	0.775	0.778	0.782	0.785	0.788	0.791	0.794
0.4	0.797	0.800	0.803	0.806	0.809	0.811	0.814	0.817	0.819	0.822
0.5	0.824	0.826	0.829	0.831	0.833	0.836	0.838	0.840	0.842	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.859	0.861	0.863
0.7	0.865	0.866	0.868	0.870	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.892	0.893
0.9	0.894	0.895	0.897	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.925
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.960	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965
1.9	0.965	0.965	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.970	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977
2.3	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.02

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.529	0.556	0.578	0.596	0.611	0.623	0.634	0.643	0.652
0.1	0.660	0.668	0.675	0.682	0.688	0.694	0.700	0.706	0.711	0.716
0.2	0.722	0.726	0.731	0.736	0.740	0.744	0.749	0.753	0.757	0.760
0.3	0.764	0.768	0.771	0.775	0.778	0.782	0.785	0.788	0.791	0.794
0.4	0.797	0.800	0.803	0.806	0.808	0.811	0.814	0.816	0.819	0.821
0.5	0.824	0.826	0.829	0.831	0.833	0.835	0.838	0.840	0.842	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.859	0.861	0.863
0.7	0.865	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.892	0.893
0.9	0.894	0.895	0.897	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.954	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.960	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965
1.9	0.965	0.965	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.03

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.524	0.547	0.568	0.586	0.603	0.617	0.629	0.640	0.650
0.1	0.658	0.666	0.674	0.681	0.687	0.693	0.699	0.705	0.711	0.716
0.2	0.721	0.726	0.731	0.735	0.740	0.744	0.748	0.752	0.756	0.760
0.3	0.764	0.768	0.771	0.775	0.778	0.781	0.785	0.788	0.791	0.794
0.4	0.797	0.800	0.803	0.806	0.808	0.811	0.814	0.816	0.819	0.821
0.5	0.824	0.826	0.829	0.831	0.833	0.835	0.837	0.840	0.842	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.856	0.857	0.859	0.861	0.863
0.7	0.865	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.887	0.889	0.890	0.892	0.893
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.954	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965
1.9	0.965	0.965	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.04

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.521	0.541	0.560	0.578	0.594	0.609	0.622	0.634	0.645
0.1	0.655	0.663	0.671	0.679	0.686	0.692	0.698	0.704	0.710	0.715
0.2	0.720	0.725	0.730	0.735	0.739	0.744	0.748	0.752	0.756	0.760
0.3	0.764	0.767	0.771	0.774	0.778	0.781	0.785	0.788	0.791	0.794
0.4	0.797	0.800	0.803	0.805	0.808	0.811	0.814	0.816	0.819	0.821
0.5	0.824	0.826	0.828	0.831	0.833	0.835	0.837	0.840	0.842	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.855	0.857	0.859	0.861	0.863
0.7	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.887	0.889	0.890	0.891	0.893
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.05

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.518	0.536	0.554	0.571	0.586	0.601	0.615	0.627	0.639
0.1	0.649	0.659	0.667	0.675	0.683	0.690	0.696	0.702	0.708	0.714
0.2	0.719	0.724	0.729	0.734	0.738	0.743	0.747	0.751	0.755	0.759
0.3	0.763	0.767	0.770	0.774	0.777	0.781	0.784	0.787	0.791	0.793
0.4	0.796	0.800	0.802	0.805	0.808	0.811	0.813	0.816	0.818	0.821
0.5	0.823	0.826	0.828	0.830	0.833	0.835	0.837	0.839	0.841	0.844
0.6	0.846	0.848	0.850	0.852	0.854	0.855	0.857	0.859	0.861	0.863
0.7	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.885	0.886	0.887	0.889	0.890	0.891	0.893
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.955	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.06

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.517	0.533	0.549	0.565	0.580	0.594	0.608	0.620	0.632
0.1	0.643	0.653	0.662	0.671	0.679	0.686	0.693	0.700	0.706	0.712
0.2	0.717	0.723	0.728	0.733	0.737	0.742	0.746	0.750	0.755	0.759
0.3	0.762	0.766	0.770	0.773	0.777	0.780	0.784	0.787	0.790	0.793
0.4	0.796	0.799	0.802	0.805	0.808	0.810	0.813	0.816	0.818	0.821
0.5	0.823	0.826	0.828	0.830	0.833	0.835	0.837	0.839	0.841	0.843
0.6	0.845	0.847	0.850	0.851	0.853	0.855	0.857	0.859	0.861	0.862
0.7	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.884	0.886	0.887	0.889	0.890	0.891	0.893
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.902	0.904	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.951
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.07

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.515	0.531	0.546	0.560	0.575	0.588	0.601	0.614	0.626
0.1	0.637	0.647	0.657	0.666	0.674	0.682	0.690	0.697	0.703	0.709
0.2	0.715	0.721	0.726	0.731	0.736	0.741	0.745	0.749	0.754	0.758
0.3	0.762	0.765	0.769	0.773	0.776	0.780	0.783	0.786	0.789	0.793
0.4	0.796	0.799	0.802	0.804	0.807	0.810	0.813	0.815	0.818	0.820
0.5	0.823	0.825	0.828	0.830	0.832	0.835	0.837	0.839	0.841	0.843
0.6	0.845	0.847	0.849	0.851	0.853	0.855	0.857	0.859	0.861	0.862
0.7	0.864	0.866	0.867	0.869	0.871	0.872	0.874	0.876	0.877	0.879
0.8	0.880	0.882	0.883	0.884	0.886	0.887	0.889	0.890	0.891	0.893
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.902	0.903	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.963	0.963	0.963	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.5	0.981	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.08

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.514	0.529	0.543	0.557	0.570	0.583	0.596	0.608	0.619
0.1	0.631	0.641	0.651	0.660	0.669	0.677	0.685	0.693	0.699	0.706
0.2	0.712	0.718	0.724	0.729	0.734	0.739	0.744	0.748	0.752	0.756
0.3	0.760	0.764	0.768	0.772	0.775	0.779	0.782	0.786	0.789	0.792
0.4	0.795	0.798	0.801	0.804	0.807	0.810	0.812	0.815	0.818	0.820
0.5	0.822	0.825	0.827	0.830	0.832	0.834	0.836	0.839	0.841	0.843
0.6	0.845	0.847	0.849	0.851	0.853	0.855	0.857	0.859	0.860	0.862
0.7	0.864	0.866	0.867	0.869	0.871	0.872	0.874	0.875	0.877	0.878
0.8	0.880	0.881	0.883	0.884	0.886	0.887	0.888	0.890	0.891	0.892
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.902	0.903	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.963	0.963	0.963	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.5	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.09

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.513	0.527	0.541	0.553	0.566	0.579	0.591	0.603	0.614
0.1	0.625	0.635	0.645	0.655	0.664	0.672	0.680	0.688	0.695	0.702
0.2	0.709	0.715	0.721	0.726	0.732	0.737	0.741	0.746	0.751	0.755
0.3	0.759	0.763	0.767	0.771	0.774	0.778	0.781	0.785	0.788	0.791
0.4	0.795	0.797	0.800	0.803	0.806	0.809	0.812	0.814	0.817	0.820
0.5	0.822	0.825	0.827	0.829	0.832	0.834	0.836	0.838	0.841	0.843
0.6	0.845	0.847	0.849	0.851	0.853	0.855	0.856	0.858	0.860	0.862
0.7	0.864	0.866	0.867	0.869	0.870	0.872	0.874	0.875	0.877	0.878
0.8	0.880	0.881	0.883	0.884	0.886	0.887	0.888	0.890	0.891	0.892
0.9	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.902	0.903	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.963	0.963	0.963	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.969
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.974
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.5	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.7	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.10

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.513	0.525	0.538	0.550	0.563	0.575	0.586	0.598	0.609
0.1	0.620	0.630	0.640	0.649	0.658	0.667	0.675	0.683	0.691	0.698
0.2	0.705	0.711	0.717	0.723	0.729	0.734	0.739	0.744	0.749	0.753
0.3	0.757	0.762	0.766	0.770	0.773	0.777	0.780	0.784	0.787	0.791
0.4	0.794	0.797	0.800	0.803	0.806	0.808	0.811	0.814	0.817	0.819
0.5	0.822	0.824	0.827	0.829	0.831	0.834	0.836	0.838	0.840	0.842
0.6	0.844	0.847	0.848	0.851	0.852	0.854	0.856	0.858	0.860	0.862
0.7	0.863	0.865	0.867	0.869	0.870	0.872	0.874	0.875	0.877	0.878
0.8	0.880	0.881	0.883	0.884	0.885	0.887	0.888	0.890	0.891	0.892
0.9	0.894	0.895	0.896	0.897	0.899	0.900	0.901	0.902	0.903	0.905
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.975
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.5	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985
2.7	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.11

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.512	0.524	0.536	0.548	0.560	0.571	0.583	0.594	0.604
0.1	0.615	0.625	0.635	0.644	0.653	0.662	0.670	0.678	0.686	0.693
0.2	0.700	0.707	0.713	0.719	0.725	0.731	0.736	0.741	0.746	0.751
0.3	0.755	0.760	0.764	0.768	0.772	0.775	0.779	0.783	0.786	0.789
0.4	0.793	0.796	0.799	0.802	0.805	0.808	0.811	0.813	0.816	0.818
0.5	0.821	0.824	0.826	0.829	0.831	0.833	0.835	0.838	0.840	0.842
0.6	0.844	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.860	0.862
0.7	0.863	0.865	0.867	0.869	0.870	0.872	0.873	0.875	0.877	0.878
0.8	0.880	0.881	0.883	0.884	0.885	0.887	0.888	0.890	0.891	0.892
0.9	0.894	0.895	0.896	0.897	0.899	0.900	0.901	0.902	0.903	0.904
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.945	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969
2.0	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.980	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.5	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985
2.7	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.12

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.512	0.523	0.535	0.546	0.557	0.568	0.579	0.590	0.600
0.1	0.611	0.620	0.630	0.639	0.648	0.657	0.666	0.674	0.681	0.689
0.2	0.696	0.703	0.709	0.716	0.722	0.727	0.733	0.738	0.743	0.748
0.3	0.753	0.757	0.762	0.766	0.770	0.774	0.778	0.781	0.785	0.788
0.4	0.792	0.795	0.798	0.801	0.804	0.807	0.810	0.813	0.815	0.818
0.5	0.821	0.823	0.825	0.828	0.830	0.833	0.835	0.837	0.839	0.842
0.6	0.844	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.859	0.861
0.7	0.863	0.865	0.866	0.868	0.870	0.872	0.873	0.875	0.876	0.878
0.8	0.879	0.881	0.882	0.884	0.885	0.887	0.888	0.889	0.891	0.892
0.9	0.893	0.895	0.896	0.897	0.899	0.900	0.901	0.902	0.903	0.904
1.0	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.961	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969
2.0	0.969	0.969	0.970	0.970	0.970	0.970	0.971	0.971	0.971	0.972
2.1	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977
2.3	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.4	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981
2.5	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985
2.7	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.13

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.511	0.522	0.533	0.544	0.555	0.566	0.576	0.586	0.597
0.1	0.607	0.616	0.626	0.635	0.644	0.653	0.661	0.669	0.677	0.684
0.2	0.692	0.698	0.705	0.712	0.718	0.724	0.730	0.735	0.740	0.745
0.3	0.750	0.755	0.759	0.764	0.768	0.772	0.776	0.780	0.783	0.787
0.4	0.790	0.793	0.797	0.800	0.803	0.806	0.809	0.812	0.814	0.817
0.5	0.820	0.822	0.825	0.827	0.830	0.832	0.834	0.837	0.839	0.841
0.6	0.843	0.845	0.847	0.850	0.851	0.854	0.855	0.857	0.859	0.861
0.7	0.863	0.865	0.866	0.868	0.870	0.871	0.873	0.875	0.876	0.878
0.8	0.879	0.881	0.882	0.884	0.885	0.887	0.888	0.889	0.891	0.892
0.9	0.893	0.895	0.896	0.897	0.898	0.900	0.901	0.902	0.903	0.904
1.0	0.905	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.959	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968	0.969
2.0	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972
2.1	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977
2.3	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.979
2.4	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981
2.5	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983
2.6	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985
2.7	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.14

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.511	0.521	0.532	0.542	0.553	0.563	0.573	0.583	0.593
0.1	0.603	0.612	0.622	0.631	0.639	0.648	0.656	0.664	0.672	0.680
0.2	0.687	0.694	0.701	0.708	0.714	0.720	0.726	0.731	0.737	0.742
0.3	0.747	0.752	0.757	0.761	0.766	0.770	0.774	0.778	0.781	0.785
0.4	0.789	0.792	0.795	0.799	0.802	0.805	0.808	0.811	0.814	0.816
0.5	0.819	0.822	0.824	0.827	0.829	0.832	0.834	0.836	0.838	0.841
0.6	0.843	0.845	0.847	0.849	0.851	0.853	0.855	0.857	0.859	0.861
0.7	0.862	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876	0.877
0.8	0.879	0.881	0.882	0.884	0.885	0.886	0.888	0.889	0.891	0.892
0.9	0.893	0.895	0.896	0.897	0.898	0.899	0.901	0.902	0.903	0.904
1.0	0.905	0.906	0.908	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.959	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965
1.9	0.965	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968	0.969
2.0	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972
2.1	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975
2.2	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977
2.3	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.979
2.4	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981
2.5	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983
2.6	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985
2.7	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.15

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.510	0.520	0.531	0.541	0.551	0.561	0.571	0.581	0.590
0.1	0.600	0.609	0.618	0.627	0.635	0.644	0.652	0.660	0.668	0.675
0.2	0.683	0.690	0.697	0.704	0.710	0.716	0.722	0.728	0.733	0.739
0.3	0.744	0.749	0.754	0.758	0.763	0.767	0.771	0.775	0.779	0.783
0.4	0.787	0.790	0.794	0.797	0.800	0.803	0.807	0.810	0.812	0.815
0.5	0.818	0.821	0.823	0.826	0.828	0.831	0.833	0.836	0.838	0.840
0.6	0.842	0.844	0.847	0.849	0.851	0.853	0.855	0.856	0.858	0.860
0.7	0.862	0.864	0.866	0.867	0.869	0.871	0.873	0.874	0.876	0.877
0.8	0.879	0.880	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.892
0.9	0.893	0.894	0.896	0.897	0.898	0.899	0.901	0.902	0.903	0.904
1.0	0.905	0.906	0.907	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.959	0.959	0.959	0.960	0.960	0.961	0.961
1.8	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965
1.9	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968	0.969
2.0	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972
2.1	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.974	0.975
2.2	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977	0.977
2.3	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.980
2.4	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981
2.5	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983
2.6	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985
2.7	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.16

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.510	0.520	0.530	0.539	0.549	0.559	0.568	0.578	0.587
0.1	0.597	0.606	0.615	0.623	0.632	0.640	0.648	0.656	0.664	0.671
0.2	0.679	0.686	0.693	0.699	0.706	0.712	0.718	0.724	0.730	0.735
0.3	0.741	0.746	0.751	0.756	0.760	0.764	0.769	0.773	0.777	0.781
0.4	0.785	0.788	0.792	0.795	0.799	0.802	0.805	0.808	0.811	0.814
0.5	0.817	0.820	0.822	0.825	0.828	0.830	0.832	0.835	0.837	0.839
0.6	0.842	0.844	0.846	0.848	0.850	0.852	0.854	0.856	0.858	0.860
0.7	0.862	0.863	0.865	0.867	0.869	0.870	0.872	0.874	0.875	0.877
0.8	0.879	0.880	0.882	0.883	0.884	0.886	0.887	0.889	0.890	0.892
0.9	0.893	0.894	0.895	0.897	0.898	0.899	0.900	0.902	0.903	0.904
1.0	0.905	0.906	0.907	0.909	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.960	0.961	0.961
1.8	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.965	0.965
1.9	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.969	0.969
2.0	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972
2.1	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975
2.2	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977	0.977
2.3	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.980
2.4	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.981
2.5	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983
2.6	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985
2.7	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.17

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.510	0.519	0.529	0.538	0.548	0.557	0.566	0.576	0.585
0.1	0.594	0.603	0.611	0.620	0.628	0.636	0.644	0.652	0.660	0.667
0.2	0.675	0.682	0.689	0.696	0.702	0.708	0.715	0.720	0.726	0.732
0.3	0.737	0.742	0.748	0.752	0.757	0.762	0.766	0.770	0.775	0.779
0.4	0.782	0.786	0.790	0.793	0.797	0.800	0.803	0.807	0.810	0.813
0.5	0.816	0.818	0.821	0.824	0.826	0.829	0.832	0.834	0.836	0.839
0.6	0.841	0.843	0.845	0.847	0.850	0.852	0.854	0.856	0.858	0.859
0.7	0.861	0.863	0.865	0.867	0.868	0.870	0.872	0.873	0.875	0.877
0.8	0.878	0.880	0.881	0.883	0.884	0.886	0.887	0.889	0.890	0.891
0.9	0.893	0.894	0.895	0.897	0.898	0.899	0.900	0.902	0.903	0.904
1.0	0.905	0.906	0.907	0.908	0.910	0.911	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.943	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.952	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957
1.7	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961
1.8	0.962	0.962	0.963	0.963	0.963	0.964	0.964	0.965	0.965	0.965
1.9	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969
2.0	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972
2.1	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975
2.2	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977
2.3	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.979	0.980
2.4	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982
2.5	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983
2.6	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985
2.7	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.18

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.509	0.519	0.528	0.537	0.546	0.556	0.564	0.573	0.582
0.1	0.591	0.600	0.608	0.617	0.625	0.633	0.641	0.649	0.656	0.664
0.2	0.671	0.678	0.685	0.692	0.698	0.705	0.711	0.717	0.723	0.728
0.3	0.734	0.739	0.744	0.749	0.754	0.759	0.763	0.768	0.772	0.776
0.4	0.780	0.784	0.788	0.791	0.795	0.798	0.802	0.805	0.808	0.811
0.5	0.814	0.817	0.820	0.823	0.825	0.828	0.830	0.833	0.835	0.838
0.6	0.840	0.842	0.845	0.847	0.849	0.851	0.853	0.855	0.857	0.859
0.7	0.861	0.863	0.865	0.866	0.868	0.870	0.872	0.873	0.875	0.876
0.8	0.878	0.880	0.881	0.883	0.884	0.885	0.887	0.888	0.890	0.891
0.9	0.892	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904
1.0	0.905	0.906	0.907	0.908	0.909	0.910	0.912	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.940	0.941	0.942	0.943	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.953	0.953	0.954	0.954	0.954	0.955	0.955	0.956	0.957	0.957
1.7	0.957	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961
1.8	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965	0.965
1.9	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969
2.0	0.969	0.970	0.970	0.970	0.970	0.971	0.971	0.972	0.972	0.972
2.1	0.972	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975
2.2	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977
2.3	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.979	0.980
2.4	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982
2.5	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983
2.6	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985
2.7	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.19

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.509	0.518	0.527	0.536	0.545	0.554	0.563	0.572	0.580
0.1	0.589	0.597	0.605	0.614	0.622	0.630	0.638	0.645	0.653	0.660
0.2	0.667	0.674	0.681	0.688	0.694	0.701	0.707	0.713	0.719	0.725
0.3	0.730	0.736	0.741	0.746	0.751	0.756	0.760	0.765	0.769	0.774
0.4	0.778	0.782	0.785	0.789	0.793	0.796	0.800	0.803	0.806	0.810
0.5	0.813	0.816	0.818	0.821	0.824	0.827	0.829	0.832	0.834	0.837
0.6	0.839	0.841	0.844	0.846	0.848	0.850	0.852	0.854	0.856	0.858
0.7	0.860	0.862	0.864	0.866	0.868	0.869	0.871	0.873	0.874	0.876
0.8	0.878	0.879	0.881	0.882	0.884	0.885	0.887	0.888	0.890	0.891
0.9	0.892	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.903	0.904
1.0	0.905	0.906	0.907	0.908	0.909	0.910	0.911	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.940	0.941	0.942	0.943	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957
1.7	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961
1.8	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965	0.965
1.9	0.966	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969
2.0	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972	0.972
2.1	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.974	0.975	0.975
2.2	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977
2.3	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.980	0.980
2.4	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982
2.5	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.983
2.6	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985
2.7	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988
2.9	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989
3.0	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.20

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.509	0.518	0.526	0.535	0.544	0.553	0.561	0.570	0.578
0.1	0.586	0.595	0.603	0.611	0.619	0.627	0.634	0.642	0.649	0.657
0.2	0.664	0.671	0.678	0.684	0.691	0.697	0.704	0.709	0.715	0.721
0.3	0.727	0.732	0.738	0.743	0.748	0.753	0.757	0.762	0.766	0.771
0.4	0.775	0.779	0.783	0.787	0.791	0.794	0.798	0.801	0.804	0.808
0.5	0.811	0.814	0.817	0.820	0.823	0.825	0.828	0.831	0.833	0.836
0.6	0.838	0.840	0.843	0.845	0.847	0.850	0.852	0.854	0.856	0.858
0.7	0.860	0.862	0.863	0.865	0.867	0.869	0.871	0.872	0.874	0.876
0.8	0.877	0.879	0.881	0.882	0.884	0.885	0.887	0.888	0.889	0.891
0.9	0.892	0.893	0.895	0.896	0.897	0.899	0.900	0.901	0.902	0.903
1.0	0.905	0.906	0.907	0.908	0.909	0.910	0.911	0.913	0.914	0.915
1.1	0.916	0.917	0.918	0.919	0.920	0.921	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.940	0.941	0.942	0.943	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.951	0.952
1.6	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957
1.7	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961
1.8	0.962	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965	0.965
1.9	0.966	0.966	0.967	0.967	0.967	0.968	0.968	0.968	0.969	0.969
2.0	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972	0.972
2.1	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975
2.2	0.975	0.976	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977
2.3	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.980	0.980
2.4	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982
2.5	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.984
2.6	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985
2.7	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987
2.8	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988
2.9	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989
3.0	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.1	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.22

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.508	0.517	0.525	0.533	0.542	0.550	0.558	0.566	0.574
0.1	0.582	0.590	0.598	0.606	0.614	0.621	0.629	0.636	0.643	0.650
0.2	0.657	0.664	0.671	0.678	0.684	0.690	0.697	0.703	0.709	0.714
0.3	0.720	0.726	0.731	0.736	0.741	0.746	0.751	0.756	0.761	0.765
0.4	0.770	0.774	0.778	0.782	0.786	0.790	0.793	0.797	0.800	0.804
0.5	0.807	0.810	0.814	0.817	0.819	0.822	0.825	0.828	0.831	0.833
0.6	0.836	0.838	0.841	0.843	0.845	0.848	0.850	0.852	0.854	0.856
0.7	0.858	0.860	0.862	0.864	0.866	0.868	0.870	0.871	0.873	0.875
0.8	0.877	0.878	0.880	0.881	0.883	0.884	0.886	0.887	0.889	0.890
0.9	0.892	0.893	0.894	0.896	0.897	0.898	0.899	0.901	0.902	0.903
1.0	0.904	0.906	0.907	0.908	0.909	0.910	0.911	0.912	0.913	0.914
1.1	0.915	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.943	0.944	0.944	0.945	0.946	0.946
1.5	0.947	0.948	0.948	0.949	0.949	0.950	0.950	0.951	0.952	0.952
1.6	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957
1.7	0.958	0.958	0.959	0.959	0.959	0.960	0.960	0.961	0.961	0.962
1.8	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.965	0.965	0.966
1.9	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969	0.969
2.0	0.969	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972	0.972
2.1	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975
2.2	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977	0.978
2.3	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.980	0.980	0.980
2.4	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982
2.5	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.984
2.6	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985
2.7	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987
2.8	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988
2.9	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989
3.0	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.24

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.508	0.516	0.524	0.532	0.540	0.548	0.556	0.563	0.571
0.1	0.579	0.586	0.594	0.601	0.609	0.616	0.623	0.631	0.638	0.645
0.2	0.652	0.658	0.665	0.671	0.678	0.684	0.690	0.696	0.702	0.708
0.3	0.714	0.719	0.725	0.730	0.735	0.740	0.745	0.750	0.755	0.759
0.4	0.764	0.768	0.773	0.777	0.781	0.785	0.789	0.792	0.796	0.800
0.5	0.803	0.806	0.810	0.813	0.816	0.819	0.822	0.825	0.828	0.830
0.6	0.833	0.836	0.838	0.841	0.843	0.845	0.848	0.850	0.852	0.854
0.7	0.857	0.859	0.861	0.863	0.865	0.866	0.868	0.870	0.872	0.874
0.8	0.875	0.877	0.879	0.880	0.882	0.884	0.885	0.887	0.888	0.889
0.9	0.891	0.892	0.894	0.895	0.896	0.898	0.899	0.900	0.902	0.903
1.0	0.904	0.905	0.906	0.908	0.909	0.910	0.911	0.912	0.913	0.914
1.1	0.915	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.943	0.944	0.945	0.945	0.946	0.947
1.5	0.947	0.948	0.948	0.949	0.949	0.950	0.951	0.951	0.952	0.952
1.6	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957
1.7	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961	0.962
1.8	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965	0.965	0.966
1.9	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969	0.969
2.0	0.970	0.970	0.970	0.971	0.971	0.971	0.972	0.972	0.972	0.972
2.1	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.975
2.2	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978
2.3	0.978	0.978	0.979	0.979	0.979	0.979	0.979	0.980	0.980	0.980
2.4	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982	0.982
2.5	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.984	0.984
2.6	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986
2.7	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987	0.987
2.8	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988
2.9	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989
3.0	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.1	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.4	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.26

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.508	0.515	0.523	0.531	0.538	0.546	0.553	0.561	0.568
0.1	0.576	0.583	0.590	0.598	0.605	0.612	0.619	0.626	0.633	0.639
0.2	0.646	0.653	0.659	0.666	0.672	0.678	0.684	0.690	0.696	0.702
0.3	0.708	0.713	0.719	0.724	0.729	0.734	0.739	0.744	0.749	0.754
0.4	0.758	0.763	0.767	0.771	0.775	0.780	0.784	0.788	0.791	0.795
0.5	0.799	0.802	0.805	0.809	0.812	0.815	0.818	0.821	0.824	0.827
0.6	0.830	0.833	0.835	0.838	0.840	0.843	0.845	0.848	0.850	0.852
0.7	0.855	0.857	0.859	0.861	0.863	0.865	0.867	0.869	0.871	0.872
0.8	0.874	0.876	0.878	0.879	0.881	0.883	0.884	0.886	0.887	0.889
0.9	0.890	0.892	0.893	0.895	0.896	0.897	0.899	0.900	0.901	0.902
1.0	0.904	0.905	0.906	0.907	0.908	0.910	0.911	0.912	0.913	0.914
1.1	0.915	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924
1.2	0.925	0.926	0.927	0.927	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.943	0.944	0.945	0.945	0.946	0.947
1.5	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952	0.952
1.6	0.953	0.953	0.954	0.954	0.955	0.955	0.956	0.957	0.957	0.958
1.7	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961	0.962
1.8	0.962	0.963	0.963	0.964	0.964	0.964	0.965	0.965	0.966	0.966
1.9	0.966	0.967	0.967	0.967	0.968	0.968	0.969	0.969	0.969	0.969
2.0	0.970	0.970	0.970	0.971	0.971	0.972	0.972	0.972	0.972	0.973
2.1	0.973	0.973	0.974	0.974	0.974	0.974	0.975	0.975	0.975	0.976
2.2	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978
2.3	0.978	0.979	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980
2.4	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982
2.5	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984
2.6	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986	0.986
2.7	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987
2.8	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988
2.9	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990
3.0	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991
3.1	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.2	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.28

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.515	0.522	0.529	0.537	0.544	0.551	0.559	0.566
0.1	0.573	0.580	0.587	0.594	0.601	0.608	0.615	0.622	0.628	0.635
0.2	0.641	0.648	0.654	0.660	0.667	0.673	0.679	0.685	0.691	0.696
0.3	0.702	0.708	0.713	0.718	0.723	0.729	0.734	0.739	0.743	0.748
0.4	0.753	0.757	0.762	0.766	0.770	0.774	0.779	0.783	0.786	0.790
0.5	0.794	0.798	0.801	0.805	0.808	0.811	0.814	0.818	0.821	0.824
0.6	0.826	0.829	0.832	0.835	0.838	0.840	0.843	0.845	0.848	0.850
0.7	0.852	0.855	0.857	0.859	0.861	0.863	0.865	0.867	0.869	0.871
0.8	0.873	0.874	0.876	0.878	0.880	0.881	0.883	0.885	0.886	0.888
0.9	0.889	0.891	0.892	0.894	0.895	0.896	0.898	0.899	0.900	0.902
1.0	0.903	0.904	0.906	0.907	0.908	0.909	0.910	0.911	0.913	0.914
1.1	0.915	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923	0.924
1.2	0.925	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.943	0.944	0.945	0.945	0.946	0.947
1.5	0.947	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952	0.953
1.6	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957	0.958
1.7	0.958	0.959	0.959	0.959	0.960	0.960	0.961	0.961	0.962	0.962
1.8	0.963	0.963	0.963	0.964	0.964	0.965	0.965	0.965	0.966	0.966
1.9	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969	0.969	0.970
2.0	0.970	0.970	0.971	0.971	0.971	0.972	0.972	0.972	0.973	0.973
2.1	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.975	0.976
2.2	0.976	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978	0.978
2.3	0.978	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.980
2.4	0.981	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.982
2.5	0.983	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984	0.984
2.6	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986
2.7	0.986	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987
2.8	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988
2.9	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990
3.0	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
3.1	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
3.2	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.3	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.4	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.30

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.514	0.521	0.528	0.535	0.542	0.550	0.557	0.564
0.1	0.571	0.577	0.584	0.591	0.598	0.605	0.611	0.618	0.624	0.631
0.2	0.637	0.643	0.650	0.656	0.662	0.668	0.674	0.680	0.685	0.691
0.3	0.697	0.702	0.708	0.713	0.718	0.723	0.728	0.733	0.738	0.743
0.4	0.748	0.752	0.757	0.761	0.765	0.770	0.774	0.778	0.782	0.786
0.5	0.789	0.793	0.797	0.800	0.804	0.807	0.810	0.814	0.817	0.820
0.6	0.823	0.826	0.829	0.832	0.834	0.837	0.840	0.842	0.845	0.847
0.7	0.850	0.852	0.854	0.857	0.859	0.861	0.863	0.865	0.867	0.869
0.8	0.871	0.873	0.875	0.877	0.878	0.880	0.882	0.883	0.885	0.887
0.9	0.888	0.890	0.891	0.893	0.894	0.896	0.897	0.898	0.900	0.901
1.0	0.902	0.904	0.905	0.906	0.907	0.909	0.910	0.911	0.912	0.913
1.1	0.914	0.915	0.917	0.917	0.919	0.920	0.921	0.922	0.922	0.924
1.2	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.932	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.943	0.944	0.945	0.946	0.946	0.947
1.5	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.951	0.952	0.953
1.6	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957	0.958
1.7	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.961	0.962	0.962
1.8	0.963	0.963	0.964	0.964	0.964	0.965	0.965	0.966	0.966	0.966
1.9	0.967	0.967	0.967	0.968	0.968	0.969	0.969	0.969	0.969	0.970
2.0	0.970	0.970	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973
2.1	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.975	0.976	0.976
2.2	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.978
2.3	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.981
2.4	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983
2.5	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984
2.6	0.984	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986
2.7	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.8	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989
2.9	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
3.0	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
3.1	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
3.2	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.3	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.4	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.6	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
4.0	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.32

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.514	0.521	0.528	0.534	0.541	0.548	0.555	0.561
0.1	0.568	0.575	0.582	0.588	0.595	0.601	0.608	0.614	0.620	0.627
0.2	0.633	0.639	0.645	0.651	0.657	0.663	0.669	0.675	0.681	0.686
0.3	0.692	0.697	0.703	0.708	0.713	0.718	0.723	0.728	0.733	0.738
0.4	0.742	0.747	0.752	0.756	0.760	0.765	0.769	0.773	0.777	0.781
0.5	0.785	0.789	0.792	0.796	0.800	0.803	0.806	0.810	0.813	0.816
0.6	0.819	0.822	0.825	0.828	0.831	0.834	0.837	0.839	0.842	0.844
0.7	0.847	0.849	0.852	0.854	0.856	0.859	0.861	0.863	0.865	0.867
0.8	0.869	0.871	0.873	0.875	0.877	0.878	0.880	0.882	0.884	0.885
0.9	0.887	0.889	0.890	0.892	0.893	0.895	0.896	0.898	0.899	0.900
1.0	0.902	0.903	0.904	0.906	0.907	0.908	0.909	0.910	0.912	0.913
1.1	0.914	0.915	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923
1.2	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.931	0.932
1.3	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.946	0.946	0.947
1.5	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.952	0.952	0.953
1.6	0.953	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957	0.958
1.7	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.962	0.962	0.962
1.8	0.963	0.963	0.964	0.964	0.965	0.965	0.965	0.966	0.966	0.966
1.9	0.967	0.967	0.968	0.968	0.968	0.969	0.969	0.969	0.970	0.970
2.0	0.970	0.971	0.971	0.971	0.972	0.972	0.972	0.973	0.973	0.973
2.1	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.976	0.976	0.976
2.2	0.976	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979
2.3	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981
2.4	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983
2.5	0.983	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984
2.6	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.7	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.8	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
2.9	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990
3.0	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991
3.1	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992
3.2	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993
3.3	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.4	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995
3.6	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.3	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.34

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.507	0.513	0.520	0.527	0.533	0.540	0.547	0.553	0.560
0.1	0.566	0.573	0.579	0.586	0.592	0.598	0.605	0.611	0.617	0.623
0.2	0.629	0.635	0.642	0.647	0.653	0.659	0.665	0.671	0.676	0.682
0.3	0.687	0.693	0.698	0.703	0.708	0.713	0.718	0.723	0.728	0.733
0.4	0.738	0.742	0.747	0.751	0.756	0.760	0.764	0.768	0.772	0.776
0.5	0.780	0.784	0.788	0.792	0.795	0.799	0.802	0.806	0.809	0.812
0.6	0.815	0.819	0.822	0.825	0.828	0.830	0.833	0.836	0.839	0.841
0.7	0.844	0.847	0.849	0.851	0.854	0.856	0.858	0.861	0.863	0.865
0.8	0.867	0.869	0.871	0.873	0.875	0.877	0.879	0.880	0.882	0.884
0.9	0.886	0.887	0.889	0.891	0.892	0.894	0.895	0.896	0.898	0.899
1.0	0.901	0.902	0.903	0.905	0.906	0.907	0.909	0.910	0.911	0.912
1.1	0.913	0.914	0.916	0.917	0.918	0.919	0.920	0.921	0.922	0.923
1.2	0.924	0.925	0.926	0.927	0.928	0.929	0.929	0.930	0.931	0.932
1.3	0.933	0.934	0.935	0.935	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946	0.947
1.5	0.947	0.948	0.949	0.949	0.950	0.950	0.951	0.952	0.952	0.953
1.6	0.953	0.954	0.954	0.955	0.955	0.956	0.957	0.957	0.958	0.958
1.7	0.958	0.959	0.959	0.960	0.960	0.961	0.961	0.962	0.962	0.963
1.8	0.963	0.964	0.964	0.964	0.965	0.965	0.965	0.966	0.966	0.967
1.9	0.967	0.968	0.968	0.968	0.969	0.969	0.969	0.970	0.970	0.970
2.0	0.971	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973	0.973
2.1	0.974	0.974	0.974	0.975	0.975	0.975	0.976	0.976	0.976	0.976
2.2	0.976	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979
2.3	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.4	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983
2.5	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.985	0.985
2.6	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986
2.7	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988
2.8	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989
2.9	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990
3.0	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.1	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
3.2	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993
3.3	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994
3.4	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995
3.6	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.36

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.513	0.520	0.526	0.532	0.539	0.545	0.552	0.558
0.1	0.564	0.571	0.577	0.583	0.590	0.596	0.602	0.608	0.614	0.620
0.2	0.626	0.632	0.638	0.644	0.649	0.655	0.661	0.667	0.672	0.678
0.3	0.683	0.688	0.693	0.699	0.704	0.709	0.714	0.719	0.724	0.728
0.4	0.733	0.738	0.742	0.747	0.751	0.755	0.760	0.764	0.768	0.772
0.5	0.776	0.780	0.784	0.787	0.791	0.795	0.798	0.802	0.805	0.808
0.6	0.812	0.815	0.818	0.821	0.824	0.827	0.830	0.833	0.836	0.838
0.7	0.841	0.844	0.846	0.849	0.851	0.854	0.856	0.858	0.860	0.863
0.8	0.865	0.867	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.882
0.9	0.884	0.886	0.887	0.889	0.891	0.892	0.894	0.895	0.897	0.898
1.0	0.900	0.901	0.903	0.904	0.905	0.907	0.908	0.909	0.910	0.912
1.1	0.913	0.914	0.915	0.916	0.917	0.918	0.920	0.921	0.922	0.923
1.2	0.924	0.925	0.926	0.927	0.928	0.928	0.929	0.930	0.931	0.932
1.3	0.933	0.934	0.935	0.935	0.936	0.937	0.938	0.939	0.939	0.940
1.4	0.941	0.942	0.942	0.943	0.944	0.944	0.945	0.946	0.946	0.947
1.5	0.948	0.948	0.949	0.949	0.950	0.951	0.951	0.952	0.952	0.953
1.6	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957	0.958	0.958
1.7	0.959	0.959	0.960	0.960	0.961	0.961	0.961	0.962	0.962	0.963
1.8	0.963	0.964	0.964	0.965	0.965	0.965	0.966	0.966	0.966	0.967
1.9	0.967	0.968	0.968	0.968	0.969	0.969	0.969	0.970	0.970	0.970
2.0	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973	0.973	0.974
2.1	0.974	0.974	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976
2.2	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.979	0.979	0.979
2.3	0.979	0.979	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.4	0.981	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.5	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985
2.6	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.987
2.7	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988
2.8	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989
2.9	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.0	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.1	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.2	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993
3.3	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994
3.4	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.6	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.8	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.38

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.513	0.519	0.525	0.531	0.538	0.544	0.550	0.557
0.1	0.563	0.569	0.575	0.581	0.587	0.593	0.599	0.605	0.611	0.617
0.2	0.623	0.629	0.635	0.640	0.646	0.652	0.657	0.663	0.668	0.674
0.3	0.679	0.684	0.689	0.694	0.700	0.705	0.710	0.714	0.719	0.724
0.4	0.729	0.733	0.738	0.742	0.747	0.751	0.755	0.760	0.764	0.768
0.5	0.772	0.776	0.780	0.783	0.787	0.791	0.794	0.798	0.801	0.805
0.6	0.808	0.811	0.814	0.818	0.821	0.824	0.827	0.830	0.833	0.835
0.7	0.838	0.841	0.843	0.846	0.848	0.851	0.853	0.856	0.858	0.860
0.8	0.862	0.865	0.867	0.869	0.871	0.873	0.875	0.877	0.879	0.881
0.9	0.882	0.884	0.886	0.888	0.889	0.891	0.892	0.894	0.896	0.897
1.0	0.899	0.900	0.902	0.903	0.904	0.906	0.907	0.908	0.910	0.911
1.1	0.912	0.913	0.914	0.916	0.917	0.918	0.919	0.920	0.921	0.922
1.2	0.923	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.932
1.3	0.933	0.933	0.934	0.935	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.944	0.944	0.945	0.946	0.946	0.947
1.5	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952	0.953	0.953
1.6	0.954	0.954	0.955	0.955	0.956	0.956	0.957	0.957	0.958	0.958
1.7	0.959	0.959	0.960	0.960	0.961	0.961	0.962	0.962	0.963	0.963
1.8	0.964	0.964	0.964	0.965	0.965	0.965	0.966	0.966	0.967	0.967
1.9	0.968	0.968	0.968	0.969	0.969	0.969	0.970	0.970	0.970	0.971
2.0	0.971	0.971	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974
2.1	0.974	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977
2.2	0.977	0.977	0.977	0.978	0.978	0.978	0.979	0.979	0.979	0.979
2.3	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981
2.4	0.982	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983
2.5	0.984	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985
2.6	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.987	0.987
2.7	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988
2.8	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989
2.9	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
3.0	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.1	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.2	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.3	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
3.4	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.6	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.7	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.40

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.512	0.519	0.525	0.531	0.537	0.543	0.549	0.555
0.1	0.561	0.567	0.573	0.579	0.585	0.591	0.597	0.603	0.609	0.615
0.2	0.620	0.626	0.632	0.637	0.643	0.648	0.654	0.659	0.665	0.670
0.3	0.675	0.680	0.686	0.691	0.696	0.701	0.706	0.710	0.715	0.720
0.4	0.725	0.729	0.734	0.738	0.743	0.747	0.751	0.756	0.760	0.764
0.5	0.768	0.772	0.776	0.779	0.783	0.787	0.791	0.794	0.797	0.801
0.6	0.804	0.808	0.811	0.814	0.817	0.820	0.823	0.826	0.829	0.832
0.7	0.835	0.838	0.840	0.843	0.846	0.848	0.851	0.853	0.855	0.858
0.8	0.860	0.862	0.865	0.867	0.869	0.871	0.873	0.875	0.877	0.879
0.9	0.881	0.883	0.884	0.886	0.888	0.889	0.891	0.893	0.894	0.896
1.0	0.897	0.899	0.900	0.902	0.903	0.905	0.906	0.907	0.909	0.910
1.1	0.911	0.913	0.914	0.915	0.916	0.917	0.918	0.920	0.921	0.922
1.2	0.923	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931	0.932
1.3	0.932	0.933	0.934	0.935	0.936	0.937	0.938	0.938	0.939	0.940
1.4	0.941	0.941	0.942	0.943	0.944	0.944	0.945	0.946	0.946	0.947
1.5	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952	0.953	0.953
1.6	0.954	0.954	0.955	0.955	0.956	0.957	0.957	0.958	0.958	0.958
1.7	0.959	0.959	0.960	0.961	0.961	0.961	0.962	0.962	0.963	0.963
1.8	0.964	0.964	0.965	0.965	0.965	0.966	0.966	0.966	0.967	0.967
1.9	0.968	0.968	0.968	0.969	0.969	0.969	0.970	0.970	0.971	0.971
2.0	0.971	0.972	0.972	0.972	0.973	0.973	0.973	0.973	0.974	0.974
2.1	0.974	0.975	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977
2.2	0.977	0.977	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.979
2.3	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.982
2.4	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.984
2.5	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985
2.6	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987
2.7	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988
2.8	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.990
2.9	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991
3.0	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.1	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.2	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.3	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.4	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.5	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.6	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996
3.7	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.2	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.7	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.45

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.512	0.517	0.523	0.529	0.535	0.541	0.546	0.552
0.1	0.558	0.564	0.569	0.575	0.581	0.586	0.592	0.598	0.603	0.609
0.2	0.614	0.620	0.625	0.631	0.636	0.641	0.646	0.652	0.657	0.662
0.3	0.667	0.672	0.677	0.682	0.687	0.692	0.697	0.701	0.706	0.711
0.4	0.715	0.720	0.725	0.729	0.733	0.738	0.742	0.746	0.750	0.754
0.5	0.758	0.762	0.766	0.770	0.774	0.778	0.781	0.785	0.789	0.792
0.6	0.796	0.799	0.802	0.806	0.809	0.812	0.815	0.818	0.821	0.824
0.7	0.827	0.830	0.833	0.836	0.839	0.841	0.844	0.846	0.849	0.851
0.8	0.854	0.856	0.859	0.861	0.863	0.865	0.868	0.870	0.872	0.874
0.9	0.876	0.878	0.880	0.882	0.884	0.885	0.887	0.889	0.891	0.892
1.0	0.894	0.896	0.897	0.899	0.900	0.902	0.903	0.905	0.906	0.908
1.1	0.909	0.910	0.912	0.913	0.914	0.915	0.917	0.918	0.919	0.920
1.2	0.921	0.922	0.924	0.925	0.926	0.927	0.928	0.929	0.930	0.931
1.3	0.932	0.932	0.933	0.934	0.935	0.936	0.937	0.938	0.939	0.939
1.4	0.940	0.941	0.942	0.943	0.943	0.944	0.945	0.946	0.946	0.947
1.5	0.948	0.948	0.949	0.950	0.950	0.951	0.951	0.952	0.953	0.953
1.6	0.954	0.954	0.955	0.956	0.956	0.957	0.957	0.958	0.958	0.959
1.7	0.959	0.960	0.960	0.961	0.961	0.962	0.962	0.963	0.963	0.964
1.8	0.964	0.965	0.965	0.965	0.966	0.966	0.967	0.967	0.967	0.968
1.9	0.968	0.969	0.969	0.969	0.970	0.970	0.970	0.971	0.971	0.972
2.0	0.972	0.972	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.975
2.1	0.975	0.975	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977
2.2	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.980	0.980	0.980
2.3	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.982	0.982	0.982
2.4	0.982	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984	0.984
2.5	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986
2.6	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.7	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989
2.8	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990
2.9	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991
3.0	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
3.1	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993
3.2	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994
3.3	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.4	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
3.5	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.6	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.7	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.8	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997
3.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.1	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
4.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.506	0.511	0.517	0.522	0.528	0.533	0.539	0.544	0.550
0.1	0.555	0.561	0.566	0.572	0.577	0.583	0.588	0.593	0.599	0.604
0.2	0.609	0.615	0.620	0.625	0.630	0.635	0.640	0.645	0.650	0.656
0.3	0.660	0.665	0.670	0.675	0.680	0.685	0.689	0.694	0.699	0.703
0.4	0.708	0.712	0.717	0.721	0.725	0.730	0.734	0.738	0.742	0.746
0.5	0.750	0.754	0.758	0.762	0.766	0.770	0.773	0.777	0.781	0.784
0.6	0.788	0.791	0.795	0.798	0.801	0.805	0.808	0.811	0.814	0.817
0.7	0.820	0.823	0.826	0.829	0.832	0.835	0.837	0.840	0.843	0.845
0.8	0.848	0.850	0.853	0.855	0.858	0.860	0.862	0.864	0.867	0.869
0.9	0.871	0.873	0.875	0.877	0.879	0.881	0.883	0.885	0.887	0.888
1.0	0.890	0.892	0.894	0.895	0.897	0.899	0.900	0.902	0.903	0.905
1.1	0.906	0.908	0.909	0.910	0.912	0.913	0.914	0.916	0.917	0.918
1.2	0.920	0.921	0.922	0.923	0.924	0.925	0.926	0.927	0.928	0.929
1.3	0.931	0.932	0.932	0.933	0.934	0.935	0.936	0.937	0.938	0.939
1.4	0.940	0.941	0.941	0.942	0.943	0.944	0.944	0.945	0.946	0.947
1.5	0.947	0.948	0.949	0.950	0.950	0.951	0.952	0.952	0.953	0.953
1.6	0.954	0.955	0.955	0.956	0.956	0.957	0.958	0.958	0.959	0.959
1.7	0.960	0.960	0.961	0.961	0.962	0.962	0.963	0.963	0.964	0.964
1.8	0.965	0.965	0.965	0.966	0.966	0.967	0.967	0.968	0.968	0.968
1.9	0.969	0.969	0.969	0.970	0.970	0.971	0.971	0.971	0.972	0.972
2.0	0.972	0.973	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975
2.1	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978
2.2	0.978	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.981
2.3	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.983	0.983
2.4	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.985
2.5	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986
2.6	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988
2.7	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989
2.8	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
2.9	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
3.0	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.1	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.2	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.3	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995
3.4	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.5	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996
3.6	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.7	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997
3.8	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998
4.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.55

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.511	0.516	0.521	0.527	0.532	0.537	0.543	0.548
0.1	0.553	0.558	0.564	0.569	0.574	0.579	0.585	0.590	0.595	0.600
0.2	0.605	0.610	0.615	0.620	0.625	0.630	0.635	0.640	0.645	0.650
0.3	0.655	0.660	0.664	0.669	0.674	0.678	0.683	0.688	0.692	0.697
0.4	0.701	0.705	0.710	0.714	0.718	0.723	0.727	0.731	0.735	0.739
0.5	0.743	0.747	0.751	0.755	0.759	0.762	0.766	0.770	0.774	0.777
0.6	0.781	0.784	0.788	0.791	0.794	0.798	0.801	0.804	0.807	0.811
0.7	0.814	0.817	0.820	0.822	0.825	0.828	0.831	0.834	0.837	0.839
0.8	0.842	0.844	0.847	0.850	0.852	0.855	0.857	0.859	0.862	0.864
0.9	0.866	0.868	0.870	0.873	0.875	0.877	0.879	0.881	0.883	0.884
1.0	0.886	0.888	0.890	0.892	0.894	0.895	0.897	0.899	0.900	0.902
1.1	0.903	0.905	0.906	0.908	0.909	0.911	0.912	0.914	0.915	0.916
1.2	0.917	0.919	0.920	0.921	0.922	0.924	0.925	0.926	0.927	0.928
1.3	0.929	0.930	0.931	0.932	0.933	0.934	0.935	0.936	0.937	0.938
1.4	0.939	0.940	0.941	0.942	0.942	0.943	0.944	0.945	0.946	0.946
1.5	0.947	0.948	0.949	0.949	0.950	0.951	0.951	0.952	0.953	0.953
1.6	0.954	0.955	0.955	0.956	0.957	0.957	0.958	0.958	0.959	0.959
1.7	0.960	0.960	0.961	0.961	0.962	0.962	0.963	0.964	0.964	0.964
1.8	0.965	0.965	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969
1.9	0.969	0.970	0.970	0.970	0.971	0.971	0.972	0.972	0.972	0.973
2.0	0.973	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.976	0.976
2.1	0.976	0.976	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979
2.2	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.3	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983
2.4	0.983	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985
2.5	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987
2.6	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988
2.7	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990
2.8	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
2.9	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992
3.0	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993
3.1	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994
3.2	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.3	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
3.4	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.5	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.6	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.7	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.8	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.60

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.516	0.521	0.526	0.531	0.536	0.541	0.546
0.1	0.552	0.557	0.562	0.567	0.572	0.577	0.582	0.587	0.592	0.597
0.2	0.602	0.607	0.612	0.617	0.621	0.626	0.631	0.636	0.641	0.645
0.3	0.650	0.655	0.659	0.664	0.669	0.673	0.678	0.682	0.686	0.691
0.4	0.695	0.700	0.704	0.708	0.712	0.717	0.721	0.725	0.729	0.733
0.5	0.737	0.741	0.745	0.749	0.752	0.756	0.760	0.764	0.767	0.771
0.6	0.774	0.778	0.781	0.785	0.788	0.792	0.795	0.798	0.801	0.804
0.7	0.808	0.811	0.814	0.817	0.820	0.823	0.825	0.828	0.831	0.834
0.8	0.836	0.839	0.842	0.844	0.847	0.849	0.852	0.854	0.857	0.859
0.9	0.861	0.864	0.866	0.868	0.870	0.872	0.874	0.877	0.879	0.881
1.0	0.883	0.884	0.886	0.888	0.890	0.892	0.894	0.895	0.897	0.899
1.1	0.900	0.902	0.903	0.905	0.907	0.908	0.910	0.911	0.912	0.914
1.2	0.915	0.917	0.918	0.919	0.920	0.922	0.923	0.924	0.925	0.927
1.3	0.928	0.929	0.930	0.931	0.932	0.933	0.934	0.935	0.936	0.937
1.4	0.938	0.939	0.940	0.941	0.942	0.943	0.943	0.944	0.945	0.946
1.5	0.947	0.947	0.948	0.949	0.950	0.950	0.951	0.952	0.953	0.953
1.6	0.954	0.955	0.955	0.956	0.957	0.957	0.958	0.958	0.959	0.959
1.7	0.960	0.961	0.961	0.962	0.962	0.963	0.963	0.964	0.964	0.965
1.8	0.965	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.969	0.969
1.9	0.970	0.970	0.970	0.971	0.971	0.972	0.972	0.972	0.973	0.973
2.0	0.973	0.974	0.974	0.974	0.975	0.975	0.975	0.976	0.976	0.976
2.1	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.979	0.979	0.979
2.2	0.980	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.981	0.982
2.3	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.984	0.984
2.4	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.986	0.986
2.5	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
2.6	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
2.7	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990
2.8	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
2.9	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
3.0	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.1	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.2	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995
3.3	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.4	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
3.5	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.6	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997
3.7	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.8	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.9	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.4	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.65

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.515	0.520	0.525	0.530	0.535	0.540	0.545
0.1	0.550	0.555	0.560	0.565	0.570	0.575	0.580	0.584	0.589	0.594
0.2	0.599	0.604	0.609	0.613	0.618	0.623	0.627	0.632	0.637	0.642
0.3	0.646	0.651	0.655	0.660	0.664	0.669	0.673	0.678	0.682	0.686
0.4	0.690	0.695	0.699	0.703	0.707	0.711	0.715	0.720	0.724	0.728
0.5	0.731	0.735	0.739	0.743	0.747	0.751	0.754	0.758	0.762	0.765
0.6	0.769	0.772	0.776	0.779	0.783	0.786	0.789	0.793	0.796	0.799
0.7	0.802	0.805	0.808	0.811	0.814	0.817	0.820	0.823	0.826	0.829
0.8	0.832	0.834	0.837	0.840	0.842	0.845	0.847	0.850	0.852	0.855
0.9	0.857	0.859	0.862	0.864	0.866	0.868	0.870	0.873	0.875	0.877
1.0	0.879	0.881	0.883	0.885	0.887	0.888	0.890	0.892	0.894	0.896
1.1	0.897	0.899	0.901	0.902	0.904	0.906	0.907	0.909	0.910	0.911
1.2	0.913	0.914	0.916	0.917	0.918	0.920	0.921	0.922	0.924	0.925
1.3	0.926	0.927	0.928	0.929	0.931	0.932	0.933	0.934	0.935	0.936
1.4	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.943	0.944	0.945
1.5	0.946	0.947	0.948	0.948	0.949	0.950	0.951	0.951	0.952	0.953
1.6	0.954	0.954	0.955	0.956	0.956	0.957	0.958	0.958	0.959	0.959
1.7	0.960	0.961	0.961	0.962	0.962	0.963	0.963	0.964	0.964	0.965
1.8	0.965	0.966	0.966	0.967	0.967	0.968	0.968	0.969	0.969	0.970
1.9	0.970	0.970	0.971	0.971	0.972	0.972	0.972	0.973	0.973	0.973
2.0	0.974	0.974	0.975	0.975	0.975	0.976	0.976	0.976	0.977	0.977
2.1	0.977	0.977	0.978	0.978	0.978	0.979	0.979	0.979	0.980	0.980
2.2	0.980	0.980	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982
2.3	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.984
2.4	0.985	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
2.5	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988
2.6	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989
2.7	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991
2.8	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992
2.9	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993
3.0	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994
3.1	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.2	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.3	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996
3.4	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.5	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
3.6	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.7	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.8	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.3	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.70

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.515	0.520	0.524	0.529	0.534	0.539	0.544
0.1	0.549	0.554	0.558	0.563	0.568	0.573	0.578	0.582	0.587	0.592
0.2	0.597	0.601	0.606	0.611	0.615	0.620	0.624	0.629	0.634	0.638
0.3	0.643	0.647	0.652	0.656	0.660	0.665	0.669	0.674	0.678	0.682
0.4	0.686	0.690	0.695	0.699	0.703	0.707	0.711	0.715	0.719	0.723
0.5	0.727	0.731	0.735	0.738	0.742	0.746	0.750	0.753	0.757	0.760
0.6	0.764	0.767	0.771	0.774	0.778	0.781	0.785	0.788	0.791	0.794
0.7	0.797	0.800	0.804	0.807	0.810	0.813	0.816	0.819	0.821	0.824
0.8	0.827	0.830	0.833	0.835	0.838	0.840	0.843	0.846	0.848	0.851
0.9	0.853	0.855	0.858	0.860	0.862	0.865	0.867	0.869	0.871	0.873
1.0	0.875	0.877	0.879	0.881	0.883	0.885	0.887	0.889	0.891	0.893
1.1	0.895	0.896	0.898	0.900	0.901	0.903	0.905	0.906	0.908	0.909
1.2	0.911	0.912	0.914	0.915	0.916	0.918	0.919	0.921	0.922	0.923
1.3	0.924	0.926	0.927	0.928	0.929	0.930	0.931	0.933	0.934	0.935
1.4	0.936	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.944
1.5	0.945	0.946	0.947	0.948	0.949	0.950	0.950	0.951	0.952	0.953
1.6	0.953	0.954	0.955	0.955	0.956	0.957	0.958	0.958	0.959	0.959
1.7	0.960	0.961	0.961	0.962	0.962	0.963	0.964	0.964	0.965	0.965
1.8	0.966	0.966	0.967	0.967	0.968	0.968	0.969	0.969	0.969	0.970
1.9	0.970	0.971	0.971	0.972	0.972	0.972	0.973	0.973	0.974	0.974
2.0	0.974	0.975	0.975	0.975	0.976	0.976	0.976	0.977	0.977	0.977
2.1	0.978	0.978	0.978	0.979	0.979	0.979	0.980	0.980	0.980	0.980
2.2	0.981	0.981	0.981	0.981	0.982	0.982	0.982	0.982	0.983	0.983
2.3	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.985	0.985	0.985
2.4	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.987	0.987	0.987
2.5	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988
2.6	0.989	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
2.7	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991
2.8	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992
2.9	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993
3.0	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.1	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995
3.2	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.3	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.4	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.5	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.6	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.7	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998
3.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.2	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.75

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.510	0.514	0.519	0.524	0.529	0.533	0.538	0.543
0.1	0.548	0.552	0.557	0.562	0.567	0.571	0.576	0.581	0.585	0.590
0.2	0.594	0.599	0.604	0.608	0.613	0.617	0.622	0.626	0.631	0.635
0.3	0.640	0.644	0.649	0.653	0.657	0.661	0.666	0.670	0.674	0.678
0.4	0.683	0.687	0.691	0.695	0.699	0.703	0.707	0.711	0.715	0.719
0.5	0.723	0.727	0.730	0.734	0.738	0.742	0.745	0.749	0.753	0.756
0.6	0.760	0.763	0.767	0.770	0.774	0.777	0.780	0.784	0.787	0.790
0.7	0.793	0.796	0.799	0.803	0.806	0.808	0.811	0.814	0.817	0.820
0.8	0.823	0.826	0.829	0.831	0.834	0.837	0.839	0.842	0.844	0.847
0.9	0.849	0.852	0.854	0.856	0.859	0.861	0.863	0.866	0.868	0.870
1.0	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886	0.888	0.890
1.1	0.892	0.894	0.895	0.897	0.899	0.900	0.902	0.904	0.905	0.907
1.2	0.909	0.910	0.912	0.913	0.914	0.916	0.917	0.919	0.920	0.921
1.3	0.923	0.924	0.925	0.927	0.928	0.929	0.930	0.931	0.932	0.933
1.4	0.935	0.936	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.944
1.5	0.945	0.946	0.946	0.947	0.948	0.949	0.950	0.951	0.951	0.952
1.6	0.953	0.954	0.954	0.955	0.956	0.957	0.957	0.958	0.959	0.959
1.7	0.960	0.961	0.961	0.962	0.962	0.963	0.964	0.964	0.965	0.965
1.8	0.966	0.966	0.967	0.967	0.968	0.968	0.969	0.969	0.970	0.970
1.9	0.971	0.971	0.971	0.972	0.972	0.973	0.973	0.973	0.974	0.974
2.0	0.975	0.975	0.975	0.976	0.976	0.976	0.977	0.977	0.977	0.978
2.1	0.978	0.978	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.981
2.2	0.981	0.981	0.982	0.982	0.982	0.982	0.983	0.983	0.983	0.983
2.3	0.984	0.984	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.986
2.4	0.986	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987
2.5	0.988	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989
2.6	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
2.7	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992
2.8	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993
2.9	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994
3.0	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.1	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.2	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996
3.3	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.4	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
3.5	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.6	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.7	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.1	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.80

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.509	0.514	0.519	0.523	0.528	0.533	0.537	0.542
0.1	0.547	0.551	0.556	0.561	0.565	0.570	0.574	0.579	0.584	0.588
0.2	0.593	0.597	0.602	0.606	0.611	0.615	0.620	0.624	0.628	0.633
0.3	0.637	0.642	0.646	0.650	0.654	0.659	0.663	0.667	0.671	0.675
0.4	0.680	0.684	0.688	0.692	0.696	0.700	0.704	0.708	0.712	0.715
0.5	0.719	0.723	0.727	0.731	0.734	0.738	0.742	0.745	0.749	0.752
0.6	0.756	0.759	0.763	0.766	0.770	0.773	0.777	0.780	0.783	0.786
0.7	0.789	0.793	0.796	0.799	0.802	0.805	0.808	0.811	0.814	0.817
0.8	0.819	0.822	0.825	0.828	0.830	0.833	0.836	0.838	0.841	0.844
0.9	0.846	0.848	0.851	0.853	0.856	0.858	0.860	0.863	0.865	0.867
1.0	0.869	0.871	0.873	0.876	0.878	0.880	0.882	0.884	0.885	0.887
1.1	0.889	0.891	0.893	0.895	0.896	0.898	0.900	0.902	0.903	0.905
1.2	0.906	0.908	0.910	0.911	0.913	0.914	0.916	0.917	0.918	0.920
1.3	0.921	0.922	0.924	0.925	0.926	0.928	0.929	0.930	0.931	0.932
1.4	0.933	0.935	0.936	0.937	0.938	0.939	0.940	0.941	0.942	0.943
1.5	0.944	0.945	0.946	0.947	0.947	0.948	0.949	0.950	0.951	0.952
1.6	0.952	0.953	0.954	0.955	0.955	0.956	0.957	0.958	0.958	0.959
1.7	0.960	0.960	0.961	0.962	0.962	0.963	0.963	0.964	0.965	0.965
1.8	0.966	0.966	0.967	0.967	0.968	0.968	0.969	0.969	0.970	0.970
1.9	0.971	0.971	0.972	0.972	0.972	0.973	0.973	0.974	0.974	0.975
2.0	0.975	0.975	0.976	0.976	0.976	0.977	0.977	0.977	0.978	0.978
2.1	0.979	0.979	0.979	0.980	0.980	0.980	0.980	0.981	0.981	0.981
2.2	0.981	0.982	0.982	0.982	0.983	0.983	0.983	0.983	0.984	0.984
2.3	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.986	0.986	0.986
2.4	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.988	0.988
2.5	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.990
2.6	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
2.7	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
2.8	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993
2.9	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
3.0	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995
3.1	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.2	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.3	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
3.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.5	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.6	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
3.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
4.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.85

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.509	0.514	0.518	0.523	0.528	0.532	0.537	0.541
0.1	0.546	0.550	0.555	0.560	0.564	0.569	0.573	0.578	0.582	0.587
0.2	0.591	0.596	0.600	0.605	0.609	0.613	0.618	0.622	0.626	0.631
0.3	0.635	0.639	0.644	0.648	0.652	0.656	0.660	0.665	0.669	0.673
0.4	0.677	0.681	0.685	0.689	0.693	0.697	0.701	0.705	0.709	0.712
0.5	0.716	0.720	0.724	0.727	0.731	0.735	0.738	0.742	0.746	0.749
0.6	0.753	0.756	0.760	0.763	0.767	0.770	0.773	0.777	0.780	0.783
0.7	0.786	0.789	0.792	0.796	0.799	0.802	0.805	0.807	0.811	0.813
0.8	0.816	0.819	0.822	0.825	0.827	0.830	0.833	0.835	0.838	0.840
0.9	0.843	0.845	0.848	0.850	0.853	0.855	0.858	0.860	0.862	0.864
1.0	0.866	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883	0.885
1.1	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.900	0.901	0.903
1.2	0.905	0.906	0.908	0.909	0.911	0.912	0.914	0.915	0.917	0.918
1.3	0.920	0.921	0.922	0.924	0.925	0.926	0.928	0.929	0.930	0.931
1.4	0.932	0.933	0.935	0.936	0.937	0.938	0.939	0.940	0.941	0.942
1.5	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.950	0.951
1.6	0.952	0.953	0.954	0.954	0.955	0.956	0.957	0.957	0.958	0.959
1.7	0.959	0.960	0.961	0.961	0.962	0.963	0.963	0.964	0.965	0.965
1.8	0.966	0.966	0.967	0.967	0.968	0.968	0.969	0.969	0.970	0.970
1.9	0.971	0.971	0.972	0.972	0.973	0.973	0.974	0.974	0.974	0.975
2.0	0.975	0.976	0.976	0.976	0.977	0.977	0.977	0.978	0.978	0.979
2.1	0.979	0.979	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.982
2.2	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.984	0.984	0.984
2.3	0.984	0.985	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.987
2.4	0.987	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988
2.5	0.988	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
2.6	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991
2.7	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
2.8	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994
2.9	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
3.0	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.1	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996
3.2	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.3	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.5	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998
3.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 0.90

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.505	0.509	0.514	0.518	0.523	0.527	0.532	0.536	0.541
0.1	0.545	0.550	0.554	0.559	0.563	0.568	0.572	0.577	0.581	0.585
0.2	0.590	0.594	0.599	0.603	0.607	0.612	0.616	0.620	0.625	0.629
0.3	0.633	0.637	0.642	0.646	0.650	0.654	0.658	0.662	0.666	0.671
0.4	0.675	0.679	0.683	0.686	0.690	0.694	0.698	0.702	0.706	0.710
0.5	0.714	0.717	0.721	0.725	0.729	0.732	0.736	0.739	0.743	0.746
0.6	0.750	0.753	0.757	0.760	0.764	0.767	0.770	0.774	0.777	0.780
0.7	0.783	0.786	0.789	0.793	0.796	0.799	0.802	0.805	0.808	0.811
0.8	0.813	0.816	0.819	0.822	0.825	0.827	0.830	0.833	0.835	0.838
0.9	0.840	0.843	0.845	0.848	0.850	0.853	0.855	0.857	0.860	0.862
1.0	0.864	0.866	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883
1.1	0.885	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.899	0.901
1.2	0.903	0.905	0.906	0.908	0.909	0.911	0.912	0.914	0.915	0.917
1.3	0.918	0.920	0.921	0.922	0.924	0.925	0.926	0.928	0.929	0.930
1.4	0.931	0.932	0.934	0.935	0.936	0.937	0.938	0.939	0.940	0.941
1.5	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951
1.6	0.951	0.952	0.953	0.954	0.955	0.955	0.956	0.957	0.958	0.958
1.7	0.959	0.960	0.961	0.961	0.962	0.963	0.963	0.964	0.965	0.965
1.8	0.966	0.966	0.967	0.967	0.968	0.969	0.969	0.969	0.970	0.970
1.9	0.971	0.972	0.972	0.972	0.973	0.973	0.974	0.974	0.975	0.975
2.0	0.976	0.976	0.976	0.977	0.977	0.977	0.978	0.978	0.979	0.979
2.1	0.979	0.980	0.980	0.980	0.980	0.981	0.981	0.981	0.982	0.982
2.2	0.982	0.983	0.983	0.983	0.983	0.984	0.984	0.984	0.984	0.985
2.3	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.987	0.987	0.987
2.4	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.989	0.989
2.5	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990
2.6	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
2.7	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993
2.8	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994
2.9	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995
3.0	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.1	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.2	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
3.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.4	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.5	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.8	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.9	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.509	0.513	0.518	0.522	0.527	0.531	0.535	0.540
0.1	0.544	0.549	0.553	0.557	0.562	0.566	0.570	0.575	0.579	0.583
0.2	0.588	0.592	0.596	0.601	0.605	0.609	0.613	0.617	0.622	0.626
0.3	0.630	0.634	0.638	0.642	0.647	0.651	0.655	0.659	0.663	0.667
0.4	0.671	0.675	0.679	0.682	0.686	0.690	0.694	0.698	0.702	0.705
0.5	0.709	0.713	0.717	0.720	0.724	0.727	0.731	0.735	0.738	0.742
0.6	0.745	0.749	0.752	0.755	0.759	0.762	0.765	0.769	0.772	0.775
0.7	0.778	0.781	0.785	0.788	0.791	0.794	0.797	0.800	0.803	0.806
0.8	0.809	0.811	0.814	0.817	0.820	0.823	0.825	0.828	0.831	0.833
0.9	0.836	0.838	0.841	0.843	0.846	0.848	0.851	0.853	0.855	0.858
1.0	0.860	0.862	0.864	0.867	0.869	0.871	0.873	0.875	0.877	0.879
1.1	0.881	0.883	0.885	0.887	0.889	0.891	0.893	0.894	0.896	0.898
1.2	0.900	0.901	0.903	0.905	0.906	0.908	0.910	0.911	0.913	0.914
1.3	0.916	0.917	0.919	0.920	0.921	0.923	0.924	0.925	0.927	0.928
1.4	0.929	0.931	0.932	0.933	0.934	0.935	0.936	0.938	0.939	0.940
1.5	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950
1.6	0.951	0.951	0.952	0.953	0.954	0.955	0.956	0.956	0.957	0.958
1.7	0.959	0.959	0.960	0.961	0.962	0.962	0.963	0.964	0.964	0.965
1.8	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.974	0.975	0.975	0.975
2.0	0.976	0.976	0.977	0.977	0.977	0.978	0.978	0.979	0.979	0.979
2.1	0.980	0.980	0.980	0.981	0.981	0.981	0.982	0.982	0.982	0.983
2.2	0.983	0.983	0.983	0.984	0.984	0.984	0.985	0.985	0.985	0.985
2.3	0.986	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.988
2.4	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.990
2.5	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991
2.6	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992
2.7	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994
2.8	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
2.9	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
3.0	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996
3.1	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
3.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.3	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.6	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.7	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.10

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.509	0.513	0.517	0.522	0.526	0.530	0.535	0.539
0.1	0.543	0.548	0.552	0.556	0.561	0.565	0.569	0.573	0.578	0.582
0.2	0.586	0.590	0.594	0.599	0.603	0.607	0.611	0.615	0.619	0.624
0.3	0.628	0.632	0.636	0.640	0.644	0.648	0.652	0.656	0.660	0.664
0.4	0.668	0.672	0.676	0.679	0.683	0.687	0.691	0.695	0.698	0.702
0.5	0.706	0.709	0.713	0.717	0.720	0.724	0.728	0.731	0.735	0.738
0.6	0.741	0.745	0.748	0.752	0.755	0.758	0.762	0.765	0.768	0.771
0.7	0.775	0.778	0.781	0.784	0.787	0.790	0.793	0.796	0.799	0.802
0.8	0.805	0.808	0.811	0.813	0.816	0.819	0.822	0.824	0.827	0.830
0.9	0.832	0.835	0.837	0.840	0.842	0.845	0.847	0.850	0.852	0.854
1.0	0.857	0.859	0.861	0.863	0.866	0.868	0.870	0.872	0.874	0.876
1.1	0.878	0.880	0.882	0.884	0.886	0.888	0.890	0.892	0.894	0.895
1.2	0.897	0.899	0.901	0.902	0.904	0.906	0.907	0.909	0.910	0.912
1.3	0.914	0.915	0.917	0.918	0.919	0.921	0.922	0.924	0.925	0.926
1.4	0.928	0.929	0.930	0.931	0.933	0.934	0.935	0.936	0.937	0.939
1.5	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949
1.6	0.950	0.951	0.951	0.952	0.953	0.954	0.955	0.956	0.957	0.957
1.7	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.963	0.964	0.965
1.8	0.965	0.966	0.967	0.967	0.968	0.968	0.969	0.970	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.974	0.975	0.975	0.976
2.0	0.976	0.976	0.977	0.977	0.978	0.978	0.979	0.979	0.979	0.980
2.1	0.980	0.980	0.981	0.981	0.981	0.982	0.982	0.983	0.983	0.983
2.2	0.983	0.984	0.984	0.984	0.985	0.985	0.985	0.985	0.986	0.986
2.3	0.986	0.986	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988
2.4	0.988	0.989	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
2.5	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
2.6	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993
2.7	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
2.8	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
2.9	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996
3.0	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.2	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.5	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.6	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.4	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.20

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.509	0.513	0.517	0.521	0.526	0.530	0.534	0.538
0.1	0.543	0.547	0.551	0.555	0.560	0.564	0.568	0.572	0.576	0.581
0.2	0.585	0.589	0.593	0.597	0.601	0.605	0.610	0.614	0.618	0.622
0.3	0.626	0.630	0.634	0.638	0.642	0.646	0.650	0.654	0.658	0.662
0.4	0.666	0.669	0.673	0.677	0.681	0.685	0.688	0.692	0.696	0.700
0.5	0.703	0.707	0.711	0.714	0.718	0.721	0.725	0.728	0.732	0.735
0.6	0.739	0.742	0.745	0.749	0.752	0.755	0.759	0.762	0.765	0.768
0.7	0.772	0.775	0.778	0.781	0.784	0.787	0.790	0.793	0.796	0.799
0.8	0.802	0.805	0.807	0.810	0.813	0.816	0.819	0.821	0.824	0.827
0.9	0.829	0.832	0.834	0.837	0.840	0.842	0.844	0.847	0.849	0.852
1.0	0.854	0.856	0.858	0.861	0.863	0.865	0.867	0.869	0.872	0.874
1.1	0.876	0.878	0.880	0.882	0.884	0.886	0.888	0.889	0.891	0.893
1.2	0.895	0.897	0.899	0.900	0.902	0.904	0.905	0.907	0.909	0.910
1.3	0.912	0.913	0.915	0.916	0.918	0.919	0.921	0.922	0.924	0.925
1.4	0.926	0.928	0.929	0.930	0.931	0.933	0.934	0.935	0.936	0.937
1.5	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948
1.6	0.949	0.950	0.951	0.952	0.953	0.954	0.954	0.955	0.956	0.957
1.7	0.958	0.959	0.959	0.960	0.961	0.962	0.962	0.963	0.964	0.964
1.8	0.965	0.966	0.966	0.967	0.968	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.974	0.975	0.975	0.976
2.0	0.976	0.977	0.977	0.978	0.978	0.979	0.979	0.979	0.980	0.980
2.1	0.980	0.981	0.981	0.981	0.982	0.982	0.983	0.983	0.983	0.983
2.2	0.984	0.984	0.984	0.985	0.985	0.985	0.986	0.986	0.986	0.986
2.3	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.989
2.4	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.991	0.991
2.5	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
2.6	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994
2.7	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995
2.8	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
2.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
3.0	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.1	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.2	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.4	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.5	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.2	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.30

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.513	0.517	0.521	0.525	0.530	0.534	0.538
0.1	0.542	0.546	0.550	0.555	0.559	0.563	0.567	0.571	0.575	0.580
0.2	0.584	0.588	0.592	0.596	0.600	0.604	0.608	0.612	0.616	0.620
0.3	0.624	0.628	0.633	0.636	0.640	0.644	0.648	0.652	0.656	0.660
0.4	0.664	0.667	0.671	0.675	0.679	0.683	0.686	0.690	0.694	0.697
0.5	0.701	0.705	0.708	0.712	0.715	0.719	0.723	0.726	0.730	0.733
0.6	0.736	0.740	0.743	0.747	0.750	0.753	0.756	0.760	0.763	0.766
0.7	0.769	0.772	0.775	0.779	0.782	0.785	0.788	0.791	0.794	0.796
0.8	0.799	0.802	0.805	0.808	0.811	0.814	0.816	0.819	0.822	0.824
0.9	0.827	0.830	0.832	0.835	0.837	0.840	0.842	0.845	0.847	0.849
1.0	0.852	0.854	0.856	0.859	0.861	0.863	0.865	0.867	0.870	0.872
1.1	0.874	0.876	0.878	0.880	0.882	0.884	0.886	0.888	0.890	0.892
1.2	0.893	0.895	0.897	0.899	0.900	0.902	0.904	0.906	0.907	0.909
1.3	0.910	0.912	0.914	0.915	0.917	0.918	0.919	0.921	0.922	0.924
1.4	0.925	0.926	0.928	0.929	0.930	0.932	0.933	0.934	0.935	0.936
1.5	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947
1.6	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956	0.957
1.7	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.964	0.964
1.8	0.965	0.966	0.966	0.967	0.968	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.975	0.975	0.976	0.976
2.0	0.976	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.980
2.1	0.981	0.981	0.981	0.982	0.982	0.983	0.983	0.983	0.984	0.984
2.2	0.984	0.984	0.985	0.985	0.985	0.986	0.986	0.986	0.987	0.987
2.3	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.989	0.989	0.989
2.4	0.989	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
2.5	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993
2.6	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
2.7	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
2.8	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
2.9	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997
3.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.1	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998
3.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.4	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.1	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.40

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.513	0.517	0.521	0.525	0.529	0.533	0.538
0.1	0.542	0.546	0.550	0.554	0.558	0.563	0.567	0.571	0.575	0.579
0.2	0.583	0.587	0.591	0.595	0.599	0.603	0.607	0.611	0.615	0.619
0.3	0.623	0.627	0.631	0.635	0.639	0.643	0.647	0.651	0.655	0.659
0.4	0.662	0.666	0.670	0.674	0.677	0.681	0.685	0.689	0.692	0.696
0.5	0.700	0.703	0.707	0.710	0.714	0.717	0.721	0.724	0.728	0.731
0.6	0.735	0.738	0.741	0.745	0.748	0.751	0.755	0.758	0.761	0.764
0.7	0.767	0.770	0.774	0.777	0.780	0.783	0.786	0.789	0.792	0.795
0.8	0.797	0.800	0.803	0.806	0.809	0.812	0.814	0.817	0.820	0.822
0.9	0.825	0.828	0.830	0.833	0.835	0.838	0.840	0.843	0.845	0.848
1.0	0.850	0.852	0.855	0.857	0.859	0.862	0.864	0.866	0.868	0.870
1.1	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886	0.888	0.890
1.2	0.892	0.894	0.896	0.897	0.899	0.901	0.903	0.904	0.906	0.907
1.3	0.909	0.911	0.912	0.914	0.915	0.917	0.918	0.920	0.921	0.923
1.4	0.924	0.925	0.927	0.928	0.929	0.931	0.932	0.933	0.935	0.936
1.5	0.937	0.938	0.939	0.940	0.942	0.943	0.944	0.945	0.946	0.947
1.6	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.954	0.955	0.956
1.7	0.957	0.958	0.959	0.959	0.960	0.961	0.962	0.963	0.963	0.964
1.8	0.965	0.965	0.966	0.967	0.968	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.975	0.975	0.976	0.976
2.0	0.976	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.980
2.1	0.981	0.981	0.982	0.982	0.982	0.983	0.983	0.983	0.984	0.984
2.2	0.984	0.985	0.985	0.985	0.986	0.986	0.986	0.987	0.987	0.987
2.3	0.987	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.990
2.4	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991
2.5	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993
2.6	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
2.7	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
2.8	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
2.9	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.0	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998
3.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.3	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.50

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.513	0.517	0.521	0.525	0.529	0.533	0.537
0.1	0.541	0.546	0.550	0.554	0.558	0.562	0.566	0.570	0.574	0.578
0.2	0.582	0.586	0.590	0.594	0.599	0.603	0.607	0.611	0.615	0.619
0.3	0.623	0.626	0.630	0.634	0.638	0.642	0.646	0.650	0.653	0.657
0.4	0.661	0.665	0.669	0.672	0.676	0.680	0.684	0.687	0.691	0.694
0.5	0.698	0.702	0.705	0.709	0.712	0.716	0.719	0.723	0.726	0.730
0.6	0.733	0.737	0.740	0.743	0.747	0.750	0.753	0.756	0.759	0.763
0.7	0.766	0.769	0.772	0.775	0.778	0.781	0.784	0.787	0.790	0.793
0.8	0.796	0.799	0.802	0.805	0.807	0.810	0.813	0.816	0.818	0.821
0.9	0.824	0.826	0.829	0.831	0.834	0.836	0.839	0.841	0.844	0.846
1.0	0.849	0.851	0.853	0.856	0.858	0.860	0.862	0.865	0.867	0.869
1.1	0.871	0.873	0.875	0.877	0.879	0.881	0.883	0.885	0.887	0.889
1.2	0.891	0.893	0.895	0.896	0.898	0.900	0.902	0.903	0.905	0.907
1.3	0.908	0.910	0.911	0.913	0.914	0.916	0.917	0.919	0.921	0.922
1.4	0.923	0.925	0.926	0.927	0.929	0.930	0.931	0.933	0.934	0.935
1.5	0.936	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946
1.6	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956
1.7	0.957	0.958	0.958	0.959	0.960	0.961	0.962	0.962	0.963	0.964
1.8	0.965	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.979	0.980	0.980	0.981
2.1	0.981	0.981	0.982	0.982	0.983	0.983	0.983	0.984	0.984	0.984
2.2	0.985	0.985	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.987
2.3	0.988	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.990	0.990
2.4	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992
2.5	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993
2.6	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995
2.7	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996
2.8	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
2.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.0	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
3.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.3	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.8	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.60

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.517	0.521	0.525	0.529	0.533	0.537
0.1	0.541	0.545	0.549	0.553	0.557	0.562	0.566	0.570	0.574	0.578
0.2	0.582	0.586	0.590	0.594	0.598	0.602	0.606	0.610	0.614	0.618
0.3	0.622	0.626	0.630	0.633	0.637	0.641	0.645	0.649	0.653	0.656
0.4	0.660	0.664	0.668	0.671	0.675	0.679	0.683	0.686	0.690	0.693
0.5	0.697	0.701	0.704	0.708	0.711	0.715	0.718	0.722	0.725	0.729
0.6	0.732	0.735	0.739	0.742	0.745	0.749	0.752	0.755	0.758	0.761
0.7	0.765	0.768	0.771	0.774	0.777	0.780	0.783	0.786	0.789	0.792
0.8	0.795	0.798	0.800	0.803	0.806	0.809	0.812	0.814	0.817	0.820
0.9	0.822	0.825	0.828	0.830	0.833	0.835	0.838	0.840	0.843	0.845
1.0	0.847	0.850	0.852	0.855	0.857	0.859	0.861	0.863	0.866	0.868
1.1	0.870	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886	0.888
1.2	0.890	0.892	0.894	0.895	0.897	0.899	0.901	0.902	0.904	0.906
1.3	0.907	0.909	0.911	0.912	0.914	0.915	0.917	0.918	0.920	0.921
1.4	0.923	0.924	0.925	0.927	0.928	0.929	0.931	0.932	0.933	0.935
1.5	0.936	0.937	0.938	0.939	0.940	0.942	0.943	0.944	0.945	0.946
1.6	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956
1.7	0.957	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.964
1.8	0.965	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.980	0.981
2.1	0.981	0.982	0.982	0.982	0.983	0.983	0.983	0.984	0.984	0.985
2.2	0.985	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.988
2.3	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.990	0.990	0.990
2.4	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992
2.5	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994
2.6	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995
2.7	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996
2.8	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
2.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
3.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.2	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
3.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.8	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.70

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.525	0.529	0.533	0.537
0.1	0.541	0.545	0.549	0.553	0.557	0.561	0.565	0.569	0.573	0.578
0.2	0.582	0.586	0.590	0.594	0.597	0.601	0.605	0.609	0.613	0.617
0.3	0.621	0.625	0.629	0.633	0.637	0.641	0.644	0.648	0.652	0.656
0.4	0.660	0.663	0.667	0.671	0.674	0.678	0.682	0.685	0.689	0.693
0.5	0.696	0.700	0.703	0.707	0.710	0.714	0.717	0.721	0.724	0.728
0.6	0.731	0.734	0.738	0.741	0.744	0.748	0.751	0.754	0.757	0.760
0.7	0.764	0.767	0.770	0.773	0.776	0.779	0.782	0.785	0.788	0.791
0.8	0.794	0.797	0.800	0.802	0.805	0.808	0.811	0.813	0.816	0.819
0.9	0.821	0.824	0.827	0.829	0.832	0.834	0.837	0.839	0.842	0.844
1.0	0.847	0.849	0.851	0.854	0.856	0.858	0.860	0.863	0.865	0.867
1.1	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883	0.885	0.887
1.2	0.889	0.891	0.893	0.895	0.896	0.898	0.900	0.902	0.903	0.905
1.3	0.907	0.908	0.910	0.912	0.913	0.915	0.916	0.918	0.919	0.921
1.4	0.922	0.924	0.925	0.926	0.928	0.929	0.930	0.932	0.933	0.934
1.5	0.935	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.945	0.946
1.6	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.955
1.7	0.956	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.964
1.8	0.964	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.973	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.980	0.981
2.1	0.981	0.982	0.982	0.983	0.983	0.983	0.984	0.984	0.984	0.985
2.2	0.985	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.988
2.3	0.988	0.988	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990
2.4	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992
2.5	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994
2.6	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995
2.7	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996
2.8	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.9	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998
3.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.2	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.7	0.999	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.80

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.529	0.533	0.537
0.1	0.541	0.545	0.549	0.553	0.557	0.561	0.565	0.569	0.573	0.577
0.2	0.581	0.585	0.589	0.593	0.597	0.601	0.605	0.609	0.613	0.617
0.3	0.621	0.625	0.628	0.632	0.636	0.640	0.644	0.648	0.651	0.655
0.4	0.659	0.663	0.666	0.670	0.674	0.677	0.681	0.685	0.688	0.692
0.5	0.696	0.699	0.703	0.706	0.710	0.713	0.717	0.720	0.723	0.727
0.6	0.730	0.734	0.737	0.740	0.744	0.747	0.750	0.753	0.756	0.760
0.7	0.763	0.766	0.769	0.772	0.775	0.778	0.781	0.784	0.787	0.790
0.8	0.793	0.796	0.799	0.802	0.804	0.807	0.810	0.813	0.815	0.818
0.9	0.821	0.823	0.826	0.828	0.831	0.833	0.836	0.839	0.841	0.843
1.0	0.846	0.848	0.851	0.853	0.855	0.857	0.860	0.862	0.864	0.866
1.1	0.868	0.870	0.873	0.875	0.877	0.879	0.881	0.883	0.885	0.887
1.2	0.888	0.890	0.892	0.894	0.896	0.898	0.899	0.901	0.903	0.905
1.3	0.906	0.908	0.910	0.911	0.913	0.914	0.916	0.917	0.919	0.920
1.4	0.922	0.923	0.925	0.926	0.927	0.929	0.930	0.931	0.932	0.934
1.5	0.935	0.936	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945
1.6	0.947	0.947	0.949	0.950	0.951	0.952	0.953	0.954	0.954	0.955
1.7	0.956	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.963	0.964
1.8	0.964	0.965	0.966	0.967	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.974	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981
2.1	0.981	0.982	0.982	0.983	0.983	0.983	0.984	0.984	0.984	0.985
2.2	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.988	0.988
2.3	0.988	0.988	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.991
2.4	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992
2.5	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994
2.6	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995
2.7	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
2.8	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.9	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998
3.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.1	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
3.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000
3.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 1.90

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.528	0.532	0.537
0.1	0.541	0.545	0.549	0.553	0.557	0.561	0.565	0.569	0.573	0.577
0.2	0.581	0.585	0.589	0.593	0.597	0.601	0.605	0.609	0.612	0.616
0.3	0.620	0.624	0.628	0.632	0.636	0.639	0.643	0.647	0.651	0.655
0.4	0.658	0.662	0.666	0.670	0.673	0.677	0.681	0.684	0.688	0.691
0.5	0.695	0.698	0.702	0.705	0.709	0.712	0.716	0.719	0.723	0.726
0.6	0.730	0.733	0.736	0.740	0.743	0.746	0.749	0.752	0.756	0.759
0.7	0.762	0.765	0.768	0.771	0.774	0.777	0.780	0.783	0.786	0.789
0.8	0.792	0.795	0.798	0.801	0.804	0.806	0.809	0.812	0.815	0.817
0.9	0.820	0.823	0.825	0.828	0.830	0.833	0.835	0.838	0.840	0.843
1.0	0.845	0.847	0.850	0.852	0.855	0.857	0.859	0.861	0.863	0.866
1.1	0.868	0.870	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886
1.2	0.888	0.890	0.892	0.894	0.895	0.897	0.899	0.901	0.902	0.904
1.3	0.906	0.907	0.909	0.911	0.912	0.914	0.915	0.917	0.918	0.920
1.4	0.921	0.923	0.924	0.926	0.927	0.928	0.930	0.931	0.932	0.933
1.5	0.935	0.936	0.937	0.938	0.940	0.941	0.942	0.943	0.944	0.945
1.6	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955
1.7	0.956	0.957	0.958	0.959	0.960	0.960	0.961	0.962	0.963	0.964
1.8	0.964	0.965	0.966	0.966	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.972	0.973	0.974	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981
2.1	0.981	0.982	0.982	0.983	0.983	0.983	0.984	0.984	0.985	0.985
2.2	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.987	0.988	0.988
2.3	0.988	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.991
2.4	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.993
2.5	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
2.6	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
2.7	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
2.8	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.9	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.1	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999
3.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.6	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = 2.00

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.528	0.532	0.536
0.1	0.541	0.545	0.549	0.553	0.557	0.561	0.565	0.569	0.573	0.577
0.2	0.581	0.585	0.589	0.593	0.597	0.600	0.604	0.608	0.612	0.616
0.3	0.620	0.624	0.628	0.631	0.635	0.639	0.643	0.647	0.650	0.654
0.4	0.658	0.662	0.665	0.669	0.673	0.676	0.680	0.684	0.687	0.691
0.5	0.694	0.698	0.701	0.705	0.708	0.712	0.715	0.719	0.722	0.726
0.6	0.729	0.732	0.736	0.739	0.742	0.745	0.749	0.752	0.755	0.758
0.7	0.762	0.765	0.768	0.771	0.774	0.777	0.780	0.783	0.786	0.789
0.8	0.792	0.795	0.797	0.800	0.803	0.806	0.809	0.811	0.814	0.817
0.9	0.819	0.822	0.825	0.827	0.830	0.832	0.835	0.837	0.840	0.842
1.0	0.845	0.847	0.849	0.852	0.854	0.856	0.858	0.861	0.863	0.865
1.1	0.867	0.869	0.872	0.874	0.876	0.878	0.880	0.882	0.884	0.886
1.2	0.888	0.889	0.891	0.893	0.895	0.897	0.899	0.900	0.902	0.904
1.3	0.905	0.907	0.909	0.910	0.912	0.914	0.915	0.917	0.918	0.920
1.4	0.921	0.922	0.924	0.925	0.927	0.928	0.929	0.931	0.932	0.933
1.5	0.935	0.936	0.937	0.938	0.939	0.941	0.942	0.943	0.944	0.945
1.6	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955
1.7	0.956	0.957	0.958	0.959	0.959	0.960	0.961	0.962	0.963	0.964
1.8	0.964	0.965	0.966	0.966	0.967	0.968	0.969	0.969	0.970	0.970
1.9	0.971	0.972	0.972	0.973	0.974	0.974	0.975	0.975	0.976	0.976
2.0	0.977	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981
2.1	0.982	0.982	0.982	0.983	0.983	0.984	0.984	0.984	0.985	0.985
2.2	0.985	0.986	0.986	0.986	0.987	0.987	0.987	0.988	0.988	0.988
2.3	0.988	0.989	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991
2.4	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.993	0.993
2.5	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
2.6	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996
2.7	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997
2.8	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.9	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.0	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
3.1	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.3	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.4	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.5	0.999	0.999	0.999	0.999	0.999	0.999	0.999	1.000	1.000	1.000
3.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4.3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

DISTRIBUTION FUNCTIONS FOR WAVE FORCES

ALPHA = INFINITY

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.528	0.532	0.536
0.1	0.540	0.544	0.548	0.552	0.556	0.560	0.564	0.568	0.571	0.575
0.2	0.579	0.583	0.587	0.591	0.595	0.599	0.603	0.606	0.610	0.614
0.3	0.618	0.622	0.626	0.629	0.633	0.637	0.641	0.644	0.648	0.652
0.4	0.655	0.659	0.663	0.666	0.670	0.674	0.677	0.681	0.684	0.688
0.5	0.692	0.695	0.698	0.702	0.705	0.709	0.712	0.716	0.719	0.722
0.6	0.726	0.729	0.732	0.736	0.739	0.742	0.745	0.749	0.752	0.755
0.7	0.758	0.761	0.764	0.767	0.770	0.773	0.776	0.779	0.782	0.785
0.8	0.788	0.791	0.794	0.797	0.800	0.802	0.805	0.808	0.811	0.813
0.9	0.816	0.819	0.821	0.824	0.826	0.829	0.832	0.834	0.836	0.839
1.0	0.841	0.844	0.846	0.848	0.851	0.853	0.855	0.858	0.860	0.862
1.1	0.864	0.866	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883
1.2	0.885	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.900	0.902
1.3	0.903	0.905	0.907	0.908	0.910	0.911	0.913	0.915	0.916	0.918
1.4	0.919	0.921	0.922	0.924	0.925	0.927	0.928	0.929	0.931	0.932
1.5	0.933	0.935	0.936	0.937	0.938	0.939	0.941	0.942	0.943	0.944
1.6	0.945	0.946	0.947	0.948	0.950	0.950	0.951	0.953	0.954	0.954
1.7	0.955	0.956	0.957	0.958	0.959	0.960	0.961	0.962	0.962	0.963
1.8	0.964	0.965	0.966	0.966	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.973	0.973	0.974	0.974	0.975	0.976	0.976	0.977
2.0	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.982
2.1	0.982	0.983	0.983	0.983	0.984	0.984	0.985	0.985	0.985	0.986
2.2	0.986	0.987	0.987	0.987	0.987	0.988	0.988	0.988	0.989	0.989
2.3	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.992
2.4	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.994
2.5	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
2.6	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
2.7	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.8	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
2.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
3.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.1	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.2	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
3.3	0.999	0.999	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	1.000
3.5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3.8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

APPENDIX C

Interspectral Relations for Wave Properties

Let $R(x, z, t)$ and $S(x, z, t)$ be two real stochastic processes which are covariance stationary in the arguments x and t but not in z , and which have zero means. The cross-covariances are then defined by

$$C_{RS}(\tau, h, z_1, z_2) = E[R(x, z_1, t)S(x+h, z_2, t+\tau)] \quad (C.1)$$

$$C_{SR}(\tau, h, z_1, z_2) = E[S(x, z_1, t)R(x+h, z_2, t+\tau)] \quad (C.2)$$

The symbol $E[\cdot]$ is an operator defined on functions of some random vector V and is given by

$$E[g(V)] = \int_{-\infty}^{\infty} g(V) dF_V$$

where F_V is the joint distribution of the random vector V . The operator $E[g]$ essentially "averages" the function g with respect to the probability law F_V of V .

In the first case (C.1) F_V is the joint distribution function of the two random variables $R(x, z_1, t)$ and $S(x+h, z_2, t+\tau)$, and in the second case (C.2) the joint distribution function of $S(x, z_1, t)$ and $R(x+h, z_2, t+\tau)$.

The cross-spectral density of R and S is defined by

$$P_{R,S}(f, h, z_1, z_2) = \int_{-\infty}^{\infty} C_{R,S}(\tau, h, z_1, z_2) e^{-2\pi i f \tau} d\tau \quad (C.3)$$

i.e., the Fourier transform of $C_{R,S}$.

The co- and quadrature spectral densities are defined as

$$c_{R,S}(f, h, z_1, z_2) = \text{Real part of } P_{R,S}(f, h, z_1, z_2)$$

$$q_{R,S}(f, h, z_1, z_2) = -\text{Imaginary part of } P_{R,S}(f, h, z_1, z_2)$$

or

$$c_{R,S}(f, h, z_1, z_2) = \int_{-\infty}^{\infty} C_{R,S}(\tau, h, z_1, z_2) \cos(2\pi f\tau) d\tau \quad (C.4)$$

$$q_{R,S}(f, h, z_1, z_2) = \int_{-\infty}^{\infty} C_{R,S}(\tau, h, z_1, z_2) \sin(2\pi f\tau) d\tau. \quad (C.5)$$

The inversion theorem for Fourier transforms then gives

$$\begin{aligned} C_{R,S}(\tau, h, z_1, z_2) &= 2 \int_0^{\infty} c_{R,S}(f, h, z_1, z_2) \cos(2\pi f\tau) df \\ &\quad + 2 \int_0^{\infty} q_{R,S}(f, h, z_1, z_2) \sin(2\pi f\tau) df \quad (C.6) \\ &= \int_{-\infty}^{\infty} P_{R,S}(f, h, z_1, z_2) e^{2\pi i f \tau} df. \end{aligned}$$

From these relations (C.1)-(C.6) many symmetry properties may be derived. Among these properties are:

$$C_{S,R}(\tau, h, z_1, z_2) = C_{R,S}(-\tau, -h, z_2, z_1) \quad (C.7)$$

$$c_{S,R}(f, h, z_1, z_2) = c_{R,S}(f, -h, z_2, z_1) \quad (C.8)$$

$$q_{S,R}(f, h, z_1, z_2) = -q_{R,S}(f, -h, z_2, z_1) \quad (C.9)$$

$$P_{S,R}(f, h, z_1, z_2) = \overline{P_{R,S}(f, -h, z_2, z_1)} \quad (C.10)$$

If $R = S$, $z_1 = z_2 = z$, and $h = 0$, then these equations reduce to

$$P_R(f; z) = 2 \int_0^\infty C_R(\tau; z) \cos(2\pi f\tau) d\tau \quad (C.3')$$

$$C_R(\tau, z) = 2 \int_0^\infty P_R(f, z) \cos(2\pi f\tau) df \quad (C.6')$$

which are the usual formulas (Blackman and Tukey, 1965) for the spectral densities.

If the variance of the stochastic process is desired it may be obtained by relation $\text{var}(R) = C_{R,R}(0)$ or from (C.6')

$$\text{var}(R) = 2 \int_0^\infty P_R(f) df \quad (C.6'')$$

In particular for σ^2 and ρ^2 from the table following

$$P_V(f) = P_\eta(f) (2\pi f)^2 \cosh^2 kz / \sinh^2 kd$$

$$P_a(f) = P_\eta(f) (2\pi f)^4 \cosh^2 kz / \sinh^2 kd$$

In the tables to follow, the cross spectral densities are given for the surface profile, $\eta(x, t)$; water pressure deviation from mean, $p_o(x, z, t)$; as well as the horizontal and vertical components of water particle velocity and acceleration, $V_x(x, z, t)$, $V_z(x, z, t)$, $A_x(x, z, t)$, $A_z(x, z, t)$. The densities for the arguments reversed can be found through the use of the symmetry relations (C.7)-(C.9).

For example $P_{p_o, v_x}(f, h, z_1, z_2)$ for shallow water. The table entry is

$$P_{\eta}(f)W(2\pi f) \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$$

which means that

$$c_{p_o, v_x}(f, h, z_1, z_2) = P_{\eta}(f)W(2\pi f) \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \cos kh$$

and

$$q_{p_o, v_x}(f, h, z_1, z_2) = P_{\eta}(f)W(2\pi f) \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \sin kh .$$

Note:

W = specific weight of water

k = wave number $(2\pi f)^2 = kg \tanh kd$

Table III. Spectral Formulas

Cross Spectral Densities

$$\begin{pmatrix} c_{RS}(f, h, z_1, z_2) \\ q_{RS}(f, h, z_1, z_2) \end{pmatrix}$$

Variables		Shallow water (z measured from sea floor upwards)	Deep water (z measured from water surface downward)
R	S		
η	η	$P_{\eta}(f) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
η	P_0	$P_{\eta}(f)W \frac{\cosh kz_2}{\cosh kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)W \exp(-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
η	v_x	$P_{\eta}(f)(2\pi f) \frac{\cosh kz_2}{\sinh kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f) \exp(-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
η	v_z	$P_{\eta}(f)(2\pi f) \frac{\sinh kz_2}{\sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f) \exp(-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
η	a_x	$P_{\eta}(f)(2\pi f)^2 \frac{\cosh kz_2}{\sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^2 \exp(-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
η	a_z	$P_{\eta}(f)(2\pi f)^2 \frac{\sinh kz_2}{\sinh kd} \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$	$P_{\eta}(f)(2\pi f)^2 \exp(-kz_2) \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$
P_0	P_0	$P_{\eta}(f)W^2 \frac{\cosh kz_1 \cosh kz_2}{\cosh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)W^2 \exp(-kz_1 - kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
P_0	v_x	$P_{\eta}(f)W(2\pi f) \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_{\eta}(f)W(2\pi f) \exp(-kz_1 - kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$

Table III. Cont'd.

Variables		Shallow water	Deep water
R	S		
P_O	v_z	$P_\eta(f)W(2\pi f) \frac{\cosh kz_1 \sinh kz_2}{\cosh kd \sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_\eta(f)W(2\pi f)\exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
P_O	a_x	$P_\eta(f)W(2\pi f)^2 \frac{\cosh kz_1 \cosh kz_2}{\cosh kd \sinh kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_\eta(f)W(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
P_O	a_z	$P_\eta(f)W(2\pi f)^2 \frac{\cosh kz_1 \sinh kz_2}{\cosh kd \sinh kd} \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$	$P_\eta(f)W(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$
v_x	v_x	$P_\eta(f)(2\pi f)^2 \frac{\cosh kz_1 \cosh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
v_x	v_z	$P_\eta(f)(2\pi f)^2 \frac{\cosh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
v_x	a_x	$P_\eta(f)(2\pi f)^3 \frac{\cosh kz_1 \cosh kz_2}{\sinh^2 kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^3 \exp(-kz_1-kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
v_x	a_z	$P_\eta(f)(2\pi f)^3 \frac{\cosh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^3 \exp(-kz_1-kz_2) \begin{pmatrix} -\cos kh \\ -\sin kh \end{pmatrix}$
v_z	v_z	$P_\eta(f)(2\pi f)^2 \frac{\sinh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^2 \exp(-kz_1-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
v_z	a_x	$P_\eta(f)(2\pi f)^3 \frac{\sinh kz_1 \cosh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^3 \exp(-kz_1-kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$

Table III. Cont'd.

<u>Variables</u>		<u>Shallow water</u>	<u>Deep water</u>
<u>R</u>	<u>S</u>		
v_z	a_z	$P_\eta(f)(2\pi f)^3 \frac{\sinh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^3 \exp(-kz_1 - kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
a_x	a_x	$P_\eta(f)(2\pi f)^4 \frac{\cosh kz_1 \cosh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^4 \exp(-kz_1 - kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$
a_x	a_z	$P_\eta(f)(2\pi f)^4 \frac{\cosh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^4 \exp(-kz_1 - kz_2) \begin{pmatrix} -\sin kh \\ \cos kh \end{pmatrix}$
a_z	a_z	$P_\eta(f)(2\pi f)^4 \frac{\sinh kz_1 \sinh kz_2}{\sinh^2 kd} \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$	$P_\eta(f)(2\pi f)^4 \exp(-kz_1 - kz_2) \begin{pmatrix} \cos kh \\ \sin kh \end{pmatrix}$

APPENDIX D

Tables for Method of Moments Estimation

Table IV. Values of $Q(\alpha)$, $T(\alpha)$, and $R(\alpha)$ for the method of moments with $m = 0$

$$Q(\alpha) = \overline{\phi^4} / (\overline{\phi^2})^2$$

$$T(\alpha) = 4\alpha^2 / (4\alpha^2 + 3)$$

$$R(\alpha) = 1 / (4\alpha^2 + 3)$$

For the values of α of the table of densities

$$\rho^2 K^2 = \overline{\phi^2} \cdot T$$

$$C^2 \sigma^4 = \overline{\phi^2} \cdot K$$

Table V. The function $R_1(Y, \alpha/Y)$ for the method of moments with $m \neq 0$

$$R_1(Y, \alpha/Y) = (\overline{\phi})^2 / \overline{\phi^2}$$

Table VI. The function $R_2(Y, \alpha/Y)$ for the method of moments with $m \neq 0$

$$R_2(Y, \alpha/Y) = (\overline{\phi^2})^2 / \overline{\phi^4}$$

Table IV

Values of $Q(\alpha)$, $T(\alpha)$, and $R(\alpha)$ for the Method of Moments with $M = 0$

Q	ALPHA	T	R
11.667	.00	0.000	0.3333
11.664	.01	0.000	0.3333
11.657	.02	0.001	0.3332
11.646	.03	0.001	0.3329
11.630	.04	0.002	0.3326
11.609	.05	0.003	0.3322
11.584	.06	0.005	0.3317
11.555	.07	0.006	0.3312
11.521	.08	0.008	0.3305
11.482	.09	0.011	0.3298
11.440	.10	0.013	0.3289
11.394	.11	0.016	0.3280
11.343	.12	0.019	0.3271
11.289	.13	0.022	0.3260
11.231	.14	0.025	0.3248
11.169	.15	0.029	0.3236
11.104	.16	0.033	0.3223
11.035	.17	0.037	0.3210
10.964	.18	0.041	0.3195
10.889	.19	0.046	0.3180
10.81	.20	0.051	0.3165
10.64	.22	0.061	0.3131
10.474	.24	0.071	0.3096
10.293	.26	0.083	0.3058
10.104	.28	0.095	0.3018
9.909	.30	0.107	0.2976
9.709	.32	0.120	0.2933
9.506	.34	0.134	0.2888
9.301	.36	0.147	0.2842
9.094	.38	0.161	0.2795
8.887	.40	0.176	0.2747
8.373	.45	0.213	0.2625
7.875	.50	0.250	0.2500
7.401	.55	0.287	0.2375
6.957	.60	0.324	0.2252
6.546	.65	0.360	0.2132
6.171	.70	0.395	0.2016
5.830	.75	0.429	0.1905
5.523	.80	0.460	0.1799
5.248	.85	0.491	0.1698
5.003	.90	0.519	0.1603
4.785	.95	0.546	0.1513
4.592	1.00	0.571	0.1429
4.269	1.10	0.617	0.1276
4.016	1.20	0.658	0.1142
3.819	1.30	0.693	0.1025
3.664	1.40	0.723	0.0923
3.542	1.50	0.750	0.0833
3.445	1.60	0.773	0.0755
3.368	1.70	0.794	0.0687
3.306	1.80	0.812	0.0627
3.256	1.90	0.828	0.0573
3.0	INFINITY	1.0	0

Table V The function $R_1(\gamma, \alpha/\gamma)$ for the Method of Moments with $M \neq 0$

$\alpha/\gamma \backslash \gamma$	0.5	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
0.0	.151	.342	.476	.579	.660	.725	.814	.869	.904	.927	.942	.954	.962
0.5	.143	.311	.431	.530	.612	.680	.779	.842	.883	.910	.929	.943	.953
1.0	.124	.244	.336	.422	.502	.575	.690	.770	.825	.864	.892	.912	.927
1.5	.101	.180	.246	.315	.387	.457	.579	.674	.744	.796	.835	.864	.887
2.0	.081	.132	.178	.233	.292	.355	.473	.574	.655	.718	.767	.806	.836
2.5	.064	.098	.132	.174	.223	.276	.383	.482	.567	.637	.695	.741	.778
3.0	.051	.074	.100	.133	.172	.216	.310	.403	.487	.560	.622	.675	.718
3.5	.041	.058	.078	.104	.136	.173	.254	.338	.418	.490	.554	.610	.658
4.0	.034	.046	.062	.083	.110	.140	.210	.284	.358	.428	.492	.550	.600
4.5	.028	.038	.050	.068	.090	.115	.175	.241	.309	.375	.437	.494	.545
5.0	.023	.031	.042	.056	.075	.096	.148	.206	.268	.329	.388	.444	.495
6.0	.017	.022	.030	.040	.054	.070	.109	.154	.204	.256	.308	.359	.408
7.0	.013	.017	.022	.030	.040	.053	.083	.119	.160	.203	.248	.293	.338
8.0	.010	.013	.017	.023	.031	.041	.065	.094	.128	.164	.202	.242	.282
9.0	.008	.010	.014	.019	.025	.033	.052	.076	.104	.135	.168	.202	.237
10.0	.007	.008	.011	.015	.020	.027	.043	.063	.086	.112	.140	.170	.202
11.0	.006	.007	.009	.013	.017	.022	.036	.052	.072	.095	.119	.145	.173
12.0	.005	.006	.008	.011	.014	.019	.030	.044	.062	.081	.102	.125	.150
13.0	.004	.005	.007	.009	.012	.016	.026	.038	.053	.070	.088	.109	.130
14.0	.003	.004	.006	.008	.010	.014	.022	.033	.046	.061	.077	.095	.115
15.0	.003	.004	.005	.007	.009	.012	.020	.029	.040	.053	.068	.084	.101
20.0	.002	.002	.003	.004	.005	.007	.011	.017	.023	.031	.040	.049	.060
50.0	.000	.000	.000	.001	.001	.001	.002	.003	.004	.005	.007	.008	.010

Table VI The function $R_2(\gamma, \alpha/\gamma)$ for the Method of Moments with $M \neq 0$

α/γ	γ	0.5	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
0.0	.093	.131	.189	.257	.328	.398	.523	.624	.701	.760	.804	.838	.864	
0.5	.100	.146	.205	.267	.329	.389	.499	.592	.667	.727	.773	.810	.839	
1.0	.122	.186	.242	.288	.330	.371	.451	.526	.593	.651	.700	.741	.776	
1.5	.154	.233	.277	.306	.332	.356	.408	.463	.518	.569	.617	.659	.697	
2.0	.192	.271	.301	.318	.332	.347	.380	.418	.460	.503	.544	.584	.622	
2.5	.228	.296	.315	.325	.333	.341	.362	.389	.420	.454	.489	.524	.558	
3.0	.258	.311	.322	.328	.333	.338	.352	.370	.393	.419	.448	.477	.507	
3.5	.280	.319	.327	.330	.333	.336	.346	.358	.375	.396	.418	.442	.468	
4.0	.296	.324	.329	.331	.333	.335	.342	.351	.363	.379	.397	.417	.438	
4.5	.307	.327	.330	.332	.333	.335	.339	.346	.355	.367	.381	.398	.415	
5.0	.314	.329	.331	.332	.333	.334	.337	.342	.349	.359	.370	.383	.398	
6.0	.323	.331	.332	.333	.333	.334	.336	.338	.342	.348	.356	.364	.375	
7.0	.327	.332	.333	.333	.333	.334	.335	.336	.339	.343	.347	.354	.361	
8.0	.330	.333	.333	.333	.333	.334	.334	.335	.337	.339	.343	.347	.352	
9.0	.331	.333	.333	.333	.333	.333	.334	.334	.336	.337	.340	.343	.346	
10.0	.332	.333	.333	.333	.333	.333	.334	.334	.334	.335	.336	.338	.340	
11.0	.332	.333	.333	.333	.333	.333	.334	.334	.334	.335	.336	.338	.340	
12.0	.332	.333	.333	.333	.333	.333	.334	.334	.334	.335	.336	.337	.338	
13.0	.333	.333	.333	.333	.333	.333	.334	.334	.334	.335	.336	.337	.337	
14.0	.333	.333	.333	.333	.333	.333	.333	.333	.334	.334	.335	.335	.336	
15.0	.333	.333	.333	.333	.333	.333	.333	.333	.334	.334	.334	.335	.336	
20.0	.333	.333	.333	.333	.333	.333	.333	.333	.333	.333	.334	.334	.334	
50.0	.333	.333	.333	.333	.333	.333	.333	.333	.333	.333	.333	.333	.333	

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