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Distribution of the Sum of Independent Unity-Truncated Logarithmic Series Variables

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Let $X_1, X_2, \ldots, X_n$ be n independent and identically distributed random variables having the unity-truncated logarithmic series distribution with probability function given by

$$f(x;\theta) = \frac{\alpha\theta^x}{x} \qquad x \in T$$

where $\alpha = [-\log(1-\theta) - \theta]^{-1}$, $0 < \theta < 1$, and $T = \{2,3,\ldots,\infty\}$. Define their sum as $Z = X_1 + X_2 + \ldots + X_n$.

We derive here the distribution of Z, denoted by $p(z;n,\theta)$, using the inversion formula for characteristic

functions, in an explicit form in terms of a linear combination of Stirling numbers of the first kind. A recurrence relation for the probability function $p(z;n,\Theta)$ is obtained and is utilized to provide a short table of $p(z;n,\Theta)$ for certain values of n and Θ. Furthermore, some properties of $p(z;n,\Theta)$ are investigated following Patil and Wani [Sankhyā, Series A, 27, (1965), 271-280].

DISTRIBUTION OF THE SUM OF INDEPENDENT UNITY-TRUNCATED LOGARITHMIC SERIES VARIABLES

by

RUSSELL JAMES WAYLAND

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CHAPTER I

INTRODUCTION

Let X be a random variable having the logarithmic series distribution

$$g(x;\Theta) = \frac{[-\log(1-\Theta)]^{-1}\ \Theta^x}{x} \qquad x \in I$$

where $0 < \Theta < 1$, and I is the set of positive integers. Then, the probability function of the unity-truncated logarithmic series distribution is given by

$$f(x;\Theta) = \frac{\alpha\Theta^x}{x} \qquad x \in T$$

where $\alpha = [-\log(1-\Theta) - \Theta]^{-1}$, $0 < \Theta < 1$, and $T = \{2,3,\ldots,\infty\}$.

The distribution for the sum of n independent random variables having the logarithmic series distribution $g(x;\Theta)$ has been obtained by Patil and Wani [4 , p. 278] which they call the first type Stirling distribution. The purpose of this thesis is to derive the distribution for their sum when the random variables have the unity-truncated logarithmic series distribution defined by $f(x;\Theta)$ above.

To describe briefly the organization of the paper we first introduce in Chapter II a few definitions and preliminaries which appear in the paper at one place or another. Chapter III contains the derivation of the distribution for the sum, denoted by $p(z;n,\Theta)$, using the inversion formula for characteristic functions. Here, $p(z;n,\Theta)$ is obtained in an explicit form in terms of a linear combination of Stirling numbers of the first kind. In Chapter IV, certain properties of the probability function $p(z;n,\Theta)$ are investigated. In particular, we obtain two recurrence relations for $p(z;n,\Theta)$, one of which is used to generate a short table for the values of $p(z;n,\Theta)$ in Chapter V.

CHAPTER II

DEFINITIONS AND NOTATION

In order to allow derivations and proofs to evolve with as little interruption as possible, we state the following definitions:

Definition 1: The Stirling numbers of the first kind S_z^n are defined by Jordan [3, p. 143] as

(1) $$x^{(z)} = \Sigma_{n=1}^{z} S_z^n x^n$$

where $x^{(z)} = x(x-1)(x-2)\ldots(x-z+1)$ is the factorial power function, and $S_z^0 = 0$, $S_1^1 = 1$, and $S_z^n = 0$ for $n > z$. Since the numbers S_z^n have the same sign as $(-1)^{z-n}$, we may write $|S_z^n| = (-1)^{z-n} S_z^n$.

The Stirling numbers of the first kind have been used by Jordan [3, p. 184] to define the numbers C(m,s) as follows:

Definition 2: The numbers C(m,s) are given by

(2) $$C(m,s) = \Sigma_{k=m+1}^{2m-s} (-1)^{k+s} \binom{2m-s}{k} S_k^{k-m}$$

where $C(m,s) = 0$ for $m < s+1$, $C(1,0) = -1$, $C(m,0) = (-1)^m \cdot 1 \cdot 3 \cdot 5 \ldots (2m-1)$, and $C(m,m-1) = (-1)^m\, m!$.

These numbers satisfy the recurrence relation

(3) $$C(m+1,s) = -(2m-s+1)[C(m,s) + C(m,s-1)].$$

It can be readily seen with the help of (3) and (2) that the sign of $C(m,s)$ is identical with that of $(-1)^m$. Therefore, $|C(m,s)| = (-1)^m C(m,s)$. Subsequently, a corresponding definition for the absolute value of the numbers $C(m,s)$ would be

(4) $$|C(m,s)| = \Sigma_{k=m+1}^{2m-s} (-1)^{k+s} \binom{2m-s}{k} |S_k^{k-m}|$$

and the recurrence relation (3) becomes

(5) $$|C(m+1,s)| = (2m-s+1)[|C(m,s)| + |C(m,s-1)|].$$

A probability distribution which arises from the sum of n independent random variables, each having the logarithmic series distribution with the same parameter Θ, has been defined by Patil [5 , p. 37] in terms of the numbers $|S_z^n|$.

Definition 3: The random variable Z is said to have the first type Stirling distribution with parameters n and Θ if its probability function is given by

(6) $$f(z;n,\Theta) = \frac{\beta^n \, n! \, |S_z^n| \, \Theta^z}{z!}$$

for $z = n, n+1, n+2,\ldots\infty$, $n = 1, 2, 3,\ldots\infty$, where

$\beta = [-\log(1-\theta)]^{-1}$ and $0 < \theta < 1$.

The characteristic function of the probability function $f(z;n,\theta)$ is easily found to be

(7) $$\psi_z(t) = \beta^n \, [-\log(1-\theta e^{it})]^n$$

Some of the properties, which we will examine, deal with a large class of probability distributions which is defined by G.P. Patil [5 , p. 2] in the following manner.

Definition 4: A discrete random variable X is said to have a generalized power series distribution with the parameter θ and range T if its probability function is given by

(8) $$p(x;\theta) = \frac{a(x)\theta^x}{g(\theta)} \qquad x \varepsilon T$$

where $a(x)$ is independent of θ and is positive for $x \varepsilon T$. T is a countable subset of the set of non-negative integers (reals). The series function $g(\theta) = \Sigma a(x)\theta^x$, which will be summed over the entire range T, will be positive, finite, and differentiable for $\{\theta | \; 0 < \theta < R\}$ where R is the radius of convergence for the series function.

CHAPTER III

DISTRIBUTION OF THE SUM

Let $X_1, X_2, \ldots, X_n$ be n independent and identically distributed random variables having the unity-truncated logarithmic series distribution with probability function given by

$$(9) \qquad f(x;\theta) = \frac{\alpha\theta^x}{x}. \qquad x = 2,3,\ldots$$

where $\alpha = [-\log(1-\theta) - \theta]^{-1}$ and $0 < \theta < 1$.

The characteristic function of the random variable X_j is obtained as

$$(10) \qquad \psi_{x_j}(t) = \Sigma_{x_j=2}^{\infty} e^{itx_j} f(x_j;\theta)$$

$$= \Sigma_{x_j=2}^{\infty} \frac{\alpha(\theta e^{it})^{x_j}}{x_j}$$

$$= \alpha[-\log(1-\theta e^{it}) - \theta e^{it}].$$

If we now let $Z = X_1 + X_2 + \ldots + X_n$, then, since the X_j's are independent, the characteristic function of Z is given by the product of characteristic functions of the X_j's. Hence,

$$(11) \qquad \psi_Z(t) = \prod_{j=1}^{n} \psi_{X_j}(t)$$

$$= \alpha^n[-\log(1-\theta e^{it}) - \theta e^{it}]^n .$$

We may now find the probability function of Z by using the inversion formula for characteristic functions given by Fisz [2 , p. 119]. Since it will depend on two parameters, n and θ, we shall denote it by $p(z;n,\theta)$. Thus we have

$$(12) \qquad p(z;n,\theta) = \frac{1}{2\pi} \int_{-\pi}^{\pi} e^{-itz} \psi_Z(t)\, dt$$

$$= \frac{\alpha^n}{2\pi} \int_{-\pi}^{\pi} e^{-itz} [-\log(1-\theta e^{it}) - \theta e^{it}]^n\, dt$$

which, after taking the binomial expansion of the second factor under the integral sign, becomes

$$(13) \qquad p(z;n,\theta) = \frac{\alpha^n}{2\pi} \int_{-\pi}^{\pi} e^{-itz}$$

$$\cdot \Sigma_{k=0}^{n} \binom{n}{k} (-\theta e^{it})^k [-\log(1-\theta e^{it})]^{n-k}\, dt$$

$$= \frac{\alpha^n}{2\pi} \Sigma_{k=0}^{n} \binom{n}{k} (-\theta)^k$$

$$\cdot \int_{-\pi}^{\pi} e^{-it(z-k)} [-\log(1-\theta e^{it})]^{n-k}\, dt .$$

To evaluate the integral in (13), we observe from (7) that the quantity $\beta^{n-k}[-\log(1-\theta e^{it})]^{n-k}$ is the characteristic function of the first type Stirling distribution with parameters n-k and θ. So the inversion formula for characteristic functions gives us

(14) $$\frac{1}{2\pi}\int_{-\pi}^{\pi} e^{-it(z-k)} [-\log(1-\theta e^{it})]^{n-k}\, dt = \frac{(n-k)!\, |S_{z-k}^{n-k}|\, \theta^{z-k}}{(z-k)!}.$$

Substituting for the integral from (14) into (13), we obtain the probability function of Z in the form

(15) $$p(z;n,\theta) = \frac{\alpha^n \Sigma_{k=0}^n \binom{n}{k}(-\theta)^k (n-k)!\, |S_{z-k}^{n-k}|\, \theta^{z-k}}{(z-k)!}$$

$$= \frac{\alpha^n\, n!\, \theta^z}{z!} \Sigma_{k=0}^n (-1)^k \binom{z}{k} |S_{z-k}^{n-k}|.$$

But, using (4), we find that

$$|C(z-n,\ z-2n)| = \Sigma_{j=z-n+1}^{z} (-1)^{j+z-2n} \binom{z}{j} |S_j^{j-z+n}|$$

which, by letting k = z-j, becomes

(16) $$|C(z-n,\ z-2n)| = \Sigma_{k=0}^{n-1} (-1)^k \binom{z}{k} |S_{z-k}^{n-k}|$$

$$= \Sigma_{k=0}^{n} (-1)^k \binom{z}{k} |S_{z-k}^{n-k}|$$

since $|S^0_{z-n}| = 0$.

Hence, replacing the summation in (15) by (16), we have the following:

Theorem 1: Let $X_1, X_2, \ldots, X_n$ be n independent and identically distributed random variables having the unity-truncated logarithmic series distribution defined by (9), and let $Z = X_1 + X_2 + \ldots + X_n$. Then the distribution of Z is given by

$$p(z;n,\theta) = \frac{\alpha^n\, n!}{z!}\, |C(z-n,\ z-2n)|\ \theta^z \qquad (17)$$

for $z = 2n, 2n+1, \ldots, \infty$, where $\alpha = [-\log(1-\theta) - \theta]^{-1}$ and $0 < \theta < 1$.

CHAPTER IV

SOME PROPERTIES OF $p(z;n,\Theta)$

Some of the more important aspects of $p(z;n,\Theta)$ are examined here as properties and theorems.

Property 1: The first three moments about the mean for the probability function $p(z;n,\Theta)$ with parameters n and Θ are

$$\mu_1 = \frac{n\alpha\Theta^2}{1-\Theta}$$

$$\mu_2 = \frac{n\alpha\Theta^2}{(1-\Theta)^2}[2 - \Theta - \alpha\Theta^2]$$

$$\mu_3 = \frac{n\alpha\Theta^2}{(1-\Theta)^3}[4 - 3\Theta + \Theta^2 - 6\alpha\Theta^2 + 3\alpha\Theta^3 + 2\alpha^2\Theta^4].$$

Proof: Using the characteristic function for the unity-truncated logarithmic series distribution given by (10), we immediately have

$$\mu_1' = \mu = (-i)\left.\frac{d\psi_x(t)}{dt}\right|_{t=0} = \frac{\alpha\Theta^2}{1-\Theta}$$

$$\mu_2' = (-i)^2\left.\frac{d^2\psi_x(t)}{dt^2}\right|_{t=0} = \frac{\alpha\Theta^2}{(1-\Theta)^2}[2 - \Theta]$$

$$\mu_3' = (-i)^3 \left.\frac{d^3\psi_x(t)}{dt^3}\right]_{t=0} = \frac{\alpha\Theta^2}{(1-\Theta)^3}[4 - 3\Theta + \Theta^2].$$

These give

$$\mu_2 = \mu_2' - \mu^2$$

$$= \frac{\alpha\Theta}{(1-\Theta)^2}[2 - \Theta - \alpha\Theta^2]$$

$$\mu_3 = \mu_3' - 3\mu_2'\mu + 2\mu^3$$

$$= \frac{\alpha\Theta^2}{(1-\Theta)^3}[4 - 3\Theta + \Theta^2 - 6\alpha\Theta^2 + 3\alpha\Theta^3 + 2\alpha^2\Theta^4].$$

Since Z is the sum of n independent random variables, its first three moments about the mean may be obtained, following Burington and May [1 , p. 37], as the sum of the moments about the mean of the X_j's and this completes the proof.

Property 2: The probability function $p(z;n,\Theta)$ with parameters n and Θ satisfies the recurrence relation

$$(18) \qquad p(z+1;n,\Theta) = \frac{\Theta\,|C(z-n+1,z-2n+1)|}{(z+1)\,|C(z-n,z-2n)|}\,p(z;n,\Theta)$$

Proof: Follows easily by considering the ratio of $p(z+1;n,\Theta)$ and $p(z;n,\Theta)$.

Since the numbers $C(m,s)$ grow too big too soon with increase in their arguments, the recurrence relation (18) is not of much use. The next property provides a recurrence relation independent of numbers C(m,s) and useful for tabulation purposes.

Property 3: The probability function $p(z;n,\Theta)$ with parameters n and Θ enjoys the recurrence relation

$$(19) \quad p(z+1;n,\Theta) = \frac{\Theta}{z+1}[\alpha n\Theta p(z-1;n-1,\Theta) + zp(z;n,\Theta)]$$

where $p(z;n,\Theta) = \frac{\alpha\Theta^2}{z}$ for $n = 1$ and $p(z;n,\Theta) = \frac{\alpha^n\Theta^{2n}}{2^n}$ for $z = 2n$.

Proof: From (17), we have

$$p(z+1;n,\Theta) = \frac{\alpha^n n!}{(z+1)!}|C(z-n+1,\ z-2n+1)|\ \Theta^{z+1}$$

which, using (5), may be written as

$$(20) \quad p(z+1;n,\Theta) = \frac{\alpha^n n!}{(z+1)!}[z|C(z-n,z-2n+1)| + z|C(z-n,z-2n)|]\Theta^{z+1}$$

But $p(z-1;n-1,\Theta) = \frac{\alpha^{n-1}\ (n-1)!}{(z-1)!}|C(z-n,z-2n+1)|\Theta^{z-1}$

and $p(z;n,\Theta) = \frac{\alpha^n\ n!}{z!}|C(z-n,z-2n)|\Theta^z$. Hence, we obtain (20) as

$$p(z+1;n,\Theta) = \frac{\Theta}{z+1}\,[\alpha n\Theta p(z-1;n-1,\Theta) + zp(z;n,\Theta)].$$

Also, for n = 1, we get

$$p(z;1,\Theta) = \frac{\alpha}{z!}\,|C(z-1,z-2)|\Theta^{z}$$

$$= \frac{\alpha\Theta^{z}}{z},$$

and for z = 2n, we have

$$p(2n;n,\Theta) = \frac{\alpha^{n}\ n!}{(2n)!}\,|C(n,0)|\Theta^{2n}$$

$$= \frac{\alpha^{n}\ n!}{(2n)!}\cdot 1\cdot 3\cdot 5\ \ldots\ (2n-1)\Theta^{2n}$$

$$= \frac{\alpha^{n}\ \Theta^{2n}}{2^{n}},$$

which completes the proof.

<u>Theorem 2</u>: Let $Z_1, Z_2, \ldots, Z_k$ be k independent random variables having the probability function

$$p(z_j;n_j,\Theta) = \frac{\alpha^{n_j}\ n_j!}{z_j!}\,|C(z_j-n_j,z_j-2n_j)|\Theta^{z_j}$$

where, for $j = 1, 2, \ldots, k$, $z_j = 2n_j, 2n_j+1, \ldots, \infty$, $= [-\log(1-\Theta) - \Theta]^{-1}$, and $0 < \Theta < 1$. Let $Y = Z_1 + Z_2 +$

$\ldots + Z_k$, then the distribution of Y is given by

$p(y;\Sigma_{j=1}^{k},\Theta)$.

Proof: The characteristic function of Z_j, using (11), is

$$\psi_{z_j}(t) = \alpha^{n_j}[-\log(1-\Theta e^{it}) - \Theta e^{it}]^{n_j}.$$

Since the Z_j's are assumed to be independent, the characteristic function of Y is obtained as

$$\psi_y(t) = \prod_{j=1}^{k} \psi_{z_j}(t)$$

$$= \alpha^{\sum_{j=1}^{k} n_j} [-\log(1-\Theta e^{it}) - \Theta e^{it}]^{\sum_{j=1}^{k} n_j}$$

which, by the uniqueness theorem for characteristic functions, establishes the proof.

Theorem 3: Let X and Y be two independent random variables having the distribution $p(x;n,\Theta)$ and $p(y;m,\lambda)$ respectively. Let $Z = X + Y$ and $\beta = \Theta/\lambda$. Then the conditional distribution of X given $Z = z$ is a generalized power series distribution with the series function

(21) $$g(\beta) = \Sigma_{x=2n}^{z-2m} h(x,z)\ \beta^{x}$$

where

$$h(x,z) = \frac{|C(x-n,x-2n)|}{x!} \cdot \frac{|C(z-x-m,z-x-2m)|}{(z-x)!}$$

Proof: Using the definition of conditional distribution, we have

(22) $P(X=x|X+Y=z) =$

$$\frac{\frac{\alpha^n n!|C(x-n,x-2n)|\Theta^x}{x!} \cdot \frac{\alpha^m m!|C(z-x-m,z-x-2m)|\lambda^{z-x}}{(z-x)!}}{\Sigma_{x=2n}^{z-2m} \frac{\alpha^n n!|C(x-n,x-2n)|\Theta^x}{x!} \cdot \frac{\alpha^m m!|C(z-x-m,z-x-2m)|\lambda^{z-x}}{(z-x)!}}$$

Since $\Theta = \beta\lambda$, we may express (22) as

$$P(X=x|X+Y=z) = \frac{\frac{|C(x-n,x-2n)|}{x!} \cdot \frac{|C(z-x-m,z-x-2m)|}{(z-x)!}\beta^x}{\Sigma_{x=2n}^{z-2m} \frac{|C(x-n,x-2n)|}{x!} \cdot \frac{|C(z-x-m,z-x-2m)|}{(z-x)!}\beta^x}$$

which can be easily recognized as the generalized power series distribution with the series function given by (21).

<u>Theorem 4</u>: Let X and Y be two independent discrete random variables with their ranges containing 2n and 2m respectively. Let X + Y = Z. If the conditional

distribution of X given Z = z is given to be a generalized power series distribution with the series function (21) for $0 < \beta < \infty$ for every $z > 2n + 2m$, then each X and Y has the distribution $p(x;n,\Theta)$ and $p(y;m,\lambda)$ respectively so that $\Theta = \beta\lambda$.

Proof: Let f(x) and g(y) be the probability functions of X and Y respectively. We then have

$$(23) \qquad \frac{f(x)\ g(z-x)}{\Sigma_{x=2n}^{z-2m} f(x)\ g(z-x)} = \frac{\dfrac{|C(x-n,x-2n)|}{x!} \cdot \dfrac{|C(z-x-m,z-x-2m)|}{(z-x)!}\ \beta^x}{\Sigma_{x=2n}^{z-2m} \dfrac{|C(x-n,x-2n)|}{x!} \cdot \dfrac{|C(z-x-m,z-x-2m)|}{(z-x)!}\ \beta^x}.$$

Also,

$$(24) \qquad \frac{f(x-1)\ g(z-x+1)}{\Sigma_{x=2n}^{z-2m} f(x)\ g(z-x)} = \frac{\dfrac{|C(x-n-1,x-2n-1)|}{(x-1)!} \cdot \dfrac{|C(z-x-m+1,z-x-2m+1)|}{(z-x+1)!}\ \beta^x}{\Sigma_{x=2n}^{z-2m} \dfrac{|C(x-n,x-2n)|}{x!} \cdot \dfrac{|C(z-x-m,z-x-2m)|}{(z-x)!}\ \beta^x}$$

Dividing (23) by (24) gives

$$(25) \qquad \frac{f(x)\ g(z-x)}{f(x-1)\ g(z-x+1)} =$$

$$\frac{(z-x+1)}{x} \cdot \frac{|C(x-n,x-2n)|\,|C(z-x-m,z-x-2m)|}{|C(x-n-1,x-2n-1)|\,|C(z-x-m+1,z-x-2m+1)|}\ \beta$$

Taking $z - x = 2m$ in (25), we get

$$\frac{f(x)\ g(2m)}{f(x-1)\ g(2m+1)} = \frac{(2m+1)|C(x-n,x-2n)|\,|C(m,0)|}{x|C(x-n-1,x-2n-1)|\,|C(m+1,1)|}\ \beta$$

which may be written as

$$\frac{f(x)}{f(x-1)} = \frac{(x-1)!\ |C(x-n,x-2n)|}{x!\ |C(x-n-1,x-2n-1)|}\ \Theta$$

where $\Theta = \dfrac{(2m+1)\ g(2m+1)|C(m,0)|}{g(2m)|C(m+1,1)|}\ \beta$

This gives

$$f(x) = k\ \frac{|C(x-n,x-2n)|}{x!}\ \Theta^x$$

where k is a constant. Since $f(x) > 0$ and $\Sigma_{x=2n}^{\infty} f(x) = 1$, we obtain $k = \alpha^n n!$. Hence, $f(x) = p(x;n,\Theta)$. A similar approach would show that $g(y) = p(y;m,\lambda)$.

CHAPTER V

TABULATION OF $p(z;n,\Theta)$

In this concluding chapter, a short table for the values of $p(z;n,\Theta)$ is presented. The computations were obtained using the Oregon State University terminal and are accurate to four decimal places. In order to construct this table, the recurrence relation (19) was used along with the corresponding initial values given in Property 3. Although the program was originally completed for $n = 1(1)25$, the table here is furnished only for $n = 1(1)15$ and $\Theta = 0.1(0.1)0.9$. This is primarily due to the fact that, for $n = 16(1)25$ and Θ large, the values of $p(z;n,\Theta)$ do not approach zero quickly for large z, and hence the table would be quite extensive.

TABLE

VALUES OF $p(z;n,\theta)$

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
1	2	.9327	.8642	.7940	.7219	.6472	.5691	.4861	.3953	.2888
	3	.0622	.1152	.1588	.1925	.2157	.2276	.2269	.2108	.1733
	4	.0047	.0173	.0357	.0577	.0809	.1024	.1191	.1265	.1169
	5	.0004	.0028	.0086	.0185	.0324	.0492	.0667	.0810	.0842
	6	.0000	.0005	.0021	.0062	.0135	.0246	.0389	.0540	.0632
	7	.0000	.0001	.0006	.0021	.0058	.0126	.0233	.0370	.0487
	8	.0000	.0000	.0001	.0007	.0025	.0066	.0143	.0259	.0384
	9	.0000	.0000	.0000	.0003	.0011	.0035	.0089	.0184	.0307
	10	.0000	.0000	.0000	.0001	.0005	.0019	.0056	.0133	.0249
	11	.0000	.0000	.0000	.0000	.0002	.0010	.0036	.0096	.0203
	12	.0000	.0000	.0000	.0000	.0001	.0006	.0023	.0071	.0168
	13	.0000	.0000	.0000	.0000	.0000	.0003	.0015	.0052	.0139
	14	.0000	.0000	.0000	.0000	.0000	.0002	.0010	.0039	.0117
	15	.0000	.0000	.0000	.0000	.0000	.0001	.0006	.0029	.0098
	16	.0000	.0000	.0000	.0000	.0000	.0001	.0004	.0022	.0083
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0016	.0070
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0012	.0059
	19	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0009	.0051
	20	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0007	.0043
	21	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0037
	22	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0032
	23	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0027
	24	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0024
	25	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0020
	26	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0018
	27	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0015
	28	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0013
	29	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0012
	30	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0010
	31	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	32	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	33	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	34	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	35	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	36	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	37	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	38	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	39	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	40	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	41	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
		THETA (θ)								
1	47	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
2	4	.8700	.7468	.6304	.5211	.4188	.3239	.2363	.1563	.0834
	5	.1160	.1991	.2522	.2779	.2792	.2591	.2206	.1667	.1001
	6	.0126	.0431	.0820	.1204	.1512	.1684	.1673	.1445	.0976
	7	.0013	.0088	.0250	.0489	.0768	.1026	.1189	.1174	.0891
	8	.0001	.0017	.0074	.0193	.0380	.0609	.0823	.0928	.0793
	9	.0000	.0003	.0022	.0076	.0185	.0357	.0562	.0725	.0697
	10	.0000	.0001	.0006	.0029	.0090	.0208	.0382	.0563	.0609
	11	.0000	.0000	.0002	.0011	.0044	.0121	.0259	.0436	.0530
	12	.0000	.0000	.0001	.0004	.0021	.0070	.0175	.0337	.0462
	13	.0000	.0000	.0000	.0002	.0010	.0041	.0119	.0261	.0402
	14	.0000	.0000	.0000	.0001	.0005	.0024	.0080	.0202	.0349
	15	.0000	.0000	.0000	.0000	.0002	.0014	.0054	.0156	.0304
	16	.0000	.0000	.0000	.0000	.0001	.0008	.0037	.0121	.0265
	17	.0000	.0000	.0000	.0000	.0001	.0005	.0025	.0094	.0231
	18	.0000	.0000	.0000	.0000	.0000	.0003	.0017	.0073	.0202
	19	.0000	.0000	.0000	.0000	.0000	.0002	.0012	.0056	.0176
	20	.0000	.0000	.0000	.0000	.0000	.0001	.0008	.0044	.0154
	21	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0034	.0135
	22	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0027	.0118
	23	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0021	.0104
	24	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0016	.0091
	25	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0013	.0080
	26	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0010	.0070
	27	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0008	.0062
	28	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0054
	29	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0048
	30	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0042
	31	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0037
	32	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0033
	33	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0029
	34	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0025
	35	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0022
	36	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0020
	37	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0018
	38	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0015
	39	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	40	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	41	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0080
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
2	48	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
3	6	.8115	.6454	.5006	.3761	.2711	.1843	.1149	.0618	.0241
	7	.1623	.2581	.3003	.3009	.2711	.2212	.1608	.0989	.0433
	8	.0230	.0731	.1276	.1705	.1920	.1880	.1505	.1120	.0553
	9	.0028	.0181	.0473	.1185	.1302	.1392	.1378	.1106	.0614
	10	.0003	.0041	.0163	.0387	.0680	.0959	.1108	.1017	.0634
	11	.0000	.0009	.0054	.0170	.0375	.0634	.0854	.0896	.0629
	12	.0000	.0002	.0017	.0073	.0201	.0408	.0641	.0768	.0607
	13	.0000	.0000	.0005	.0031	.0106	.0258	.0472	.0647	.0575
	14	.0000	.0000	.0002	.0013	.0055	.0161	.0343	.0538	.0537
	15	.0000	.0000	.0001	.0005	.0028	.0099	.0247	.0443	.0498
	16	.0000	.0000	.0000	.0002	.0014	.0061	.0177	.0362	.0458
	17	.0000	.0000	.0000	.0001	.0007	.0037	.0126	.0294	.0419
	18	.0000	.0000	.0000	.0000	.0004	.0023	.0089	.0238	.0382
	19	.0000	.0000	.0000	.0000	.0002	.0014	.0063	.0192	.0346
	20	.0000	.0000	.0000	.0000	.0001	.0008	.0044	.0155	.0314
	21	.0000	.0000	.0000	.0000	.0000	.0005	.0031	.0124	.0283
	22	.0000	.0000	.0000	.0000	.0000	.0003	.0022	.0100	.0256
	23	.0000	.0000	.0000	.0000	.0000	.0002	.0015	.0080	.0230
	24	.0000	.0000	.0000	.0000	.0000	.0001	.0011	.0064	.0207
	25	.0000	.0000	.0000	.0000	.0000	.0001	.0007	.0051	.0186
	26	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0041	.0167
	27	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0032	.0150
	28	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0026	.0134
	29	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0021	.0121
	30	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0016	.0108
	31	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0013	.0097
	32	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0010	.0087
	33	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0078
	34	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0069
	35	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0062
	36	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0056
	37	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0050

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
3	38	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0044
	39	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0040
	40	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0036
	41	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0032
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0028
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0025
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0023
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0020
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
4	8	.7569	.5577	.3975	.2715	.1754	.1049	.0559	.0244	.0070
	9	.2018	.2074	.3180	.2896	.2339	.1678	.1043	.0521	.0167
	10	.0353	.1041	.1669	.2027	.2047	.1762	.1277	.0730	.0263
	11	.0051	.0303	.0728	.1179	.1488	.1537	.1300	.0849	.0344
	12	.0007	.0079	.0286	.0618	.0976	.1210	.1193	.0890	.0406
	13	.0001	.0020	.0106	.0304	.0599	.0892	.1027	.0875	.0449
	14	.0000	.0005	.0037	.0143	.0353	.0630	.0845	.0824	.0475
	15	.0000	.0001	.0013	.0065	.0201	.0431	.0675	.0751	.0488
	16	.0000	.0000	.0004	.0029	.0112	.0288	.0526	.0670	.0489
	17	.0000	.0000	.0001	.0013	.0061	.0189	.0403	.0587	.0482

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
4	18	.0000	.0000	.0000	.0006	.0033	.0123	.0305	.0507	.0468
	19	.0000	.0000	.0000	.0002	.0018	.0079	.0228	.0433	.0450
	20	.0000	.0000	.0000	.0001	.0009	.0050	.0169	.0367	.0429
	21	.0000	.0000	.0000	.0000	.0005	.0031	.0124	.0308	.0406
	22	.0000	.0000	.0000	.0000	.0003	.0020	.0091	.0258	.0382
	23	.0000	.0000	.0000	.0000	.0001	.0012	.0066	.0214	.0357
	24	.0000	.0000	.0000	.0000	.0001	.0008	.0048	.0177	.0333
	25	.0000	.0000	.0000	.0000	.0000	.0005	.0035	.0146	.0309
	26	.0000	.0000	.0000	.0000	.0000	.0003	.0025	.0120	.0285
	27	.0000	.0000	.0000	.0000	.0000	.0002	.0018	.0099	.0263
	28	.0000	.0000	.0000	.0000	.0000	.0001	.0013	.0081	.0242
	29	.0000	.0000	.0000	.0000	.0000	.0001	.0009	.0066	.0222
	30	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0054	.0204
	31	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0044	.0187
	32	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0035	.0170
	33	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0029	.0156
	34	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0023	.0142
	35	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0019	.0129
	36	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0117
	37	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0012	.0107
	38	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0097
	39	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0088
	40	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0080
	41	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0072
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0065
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0059
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0054
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0048
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0044
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0040
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0036
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0032
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0029
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0026
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0024
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
4	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
5	10	.7060	.4819	.3156	.1960	.1135	.0597	.0272	.0097	.0020
	11	.2353	.3213	.3156	.2613	.1892	.1194	.0634	.0258	.0060
	12	.0490	.1339	.1972	.2178	.1971	.1492	.0924	.0429	.0113
	13	.0082	.0448	.0991	.1450	.0650	.1500	.1083	.0575	.0170
	14	.0012	.0132	.0438	.0861	.1217	.1327	.1118	.0679	.0226
	15	.0002	.0036	.0179	.0468	.0827	.1082	.1063	.0737	.0276
	16	.0000	.0009	.0069	.0240	.0530	.0832	.0955	.0757	.0319
	17	.0000	.0002	.0025	.0118	.0326	.0614	.0822	.0744	.0353
	18	.0000	.0001	.0009	.0056	.0194	.0439	.0685	.0710	.0378
	19	.0000	.0000	.0003	.0026	.0113	.0306	.0558	.0660	.0396
	20	.0000	.0000	.0001	.0012	.0064	.0209	.0445	.0602	.0406
	21	.0000	.0000	.0000	.0005	.0036	.0141	.0349	.0540	.0410
	22	.0000	.0000	.0000	.0002	.0020	.0094	.0271	.0478	.0409
	23	.0000	.0000	.0000	.0001	.0011	.0062	.0208	.0419	.0403
	24	.0000	.0000	.0000	.0000	.0006	.0040	.0158	.0364	.0393
	25	.0000	.0000	.0000	.0000	.0003	.0026	.0119	.0313	.0381
	26	.0000	.0000	.0000	.0000	.0002	.0017	.0089	.0268	.0367
	27	.0000	.0000	.0000	.0000	.0001	.0011	.0066	.0228	.0351
	28	.0000	.0000	.0000	.0000	.0000	.0007	.0049	.0193	.0334
	29	.0000	.0000	.0000	.0000	.0000	.0004	.0036	.0162	.0316
	30	.0000	.0000	.0000	.0000	.0000	.0003	.0026	.0136	.0299
	31	.0000	.0000	.0000	.0000	.0000	.0002	.0019	.0114	.0281
	32	.0000	.0000	.0000	.0000	.0000	.0001	.0014	.0095	.0263
	33	.0000	.0000	.0000	.0000	.0000	.0001	.0010	.0079	.0246
	34	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0065	.0229
	35	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0054	.0213
	36	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0045	.0198
	37	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0037	.0184

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
5	38	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0030	.0170
	39	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0025	.0157
	40	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0020	.0145
	41	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0017	.0133
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0014	.0122
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0112
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0103
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0095
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0087
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0079
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0073
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0066
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0061
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0055
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0050
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0046
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0042
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0038
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0035
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0032
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0026
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0024
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
5	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
6	12	.6585	.4165	.2506	.1415	.0735	.0340	.0132	.0038	.0006
	13	.2634	.3332	.3007	.2264	.1469	.0815	.0370	.0122	.0023
	14	.0637	.1610	.2180	.2188	.1776	.1182	.0625	.0236	.0045
	15	.0121	.0611	.1240	.1659	.1683	.1345	.0830	.0358	.0077
	16	.0020	.0200	.0610	.1088	.1380	.1323	.0952	.0470	.0114
	17	.0003	.0060	.0272	.0648	.1027	.1182	.0992	.0560	.0153
	18	.0000	.0017	.0114	.0360	.0714	.0985	.0965	.0622	.0191
	19	.0000	.0004	.0045	.0190	.0471	.0781	.0893	.0657	.0228
	20	.0000	.0001	.0017	.0097	.0299	.0595	.0793	.0668	.0260
	21	.0000	.0000	.0006	.0048	.0184	.0440	.0684	.0658	.0288
	22	.0000	.0000	.0002	.0023	.0111	.0317	.0575	.0632	.0312
	23	.0000	.0000	.0001	.0011	.0065	.0224	.0474	.0595	.0330
	24	.0000	.0000	.0000	.0005	.0038	.0155	.0384	.0551	.0334
	25	.0000	.0000	.0000	.0002	.0021	.0106	.0306	.0503	.0353
	26	.0000	.0000	.0000	.0001	.0012	.0072	.0241	.0453	.0358
	27	.0000	.0000	.0000	.0000	.0007	.0048	.0188	.0404	.0359
	28	.0000	.0000	.0000	.0000	.0004	.0032	.0146	.0357	.0357
	29	.0000	.0000	.0000	.0000	.0002	.0021	.0112	.0313	.0351
	30	.0000	.0000	.0000	.0000	.0001	.0014	.0085	.0273	.0345
	31	.0000	.0000	.0000	.0000	.0001	.0009	.0064	.0236	.0336
	32	.0000	.0000	.0000	.0000	.0000	.0006	.0049	.0203	.0325
	33	.0000	.0000	.0000	.0000	.0000	.0004	.0036	.0174	.0313
	34	.0000	.0000	.0000	.0000	.0000	.0002	.0027	.0148	.0300
	35	.0000	.0000	.0000	.0000	.0000	.0001	.0020	.0126	.0287
	36	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0106	.0273
	37	.0000	.0000	.0000	.0000	.0000	.0001	.0011	.0090	.0259
	38	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0076	.0245
	39	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0063	.0231
	40	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0053	.0218
	41	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0044	.0204
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0037	.0191
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0031	.0179
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0025	.0167
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0021	.0156
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0017	.0145
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014	.0135
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0125
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0116
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0107

		THETA (θ)								
n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
6	51	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0099
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0091
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0084
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0078
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0072
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0066
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0061
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0056
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0051
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0047
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0043
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0039
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0036
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0033
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0030
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0028
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
6	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
7	14	.6142	.3599	.1990	.1021	.0476	.0193	.0064	.0015	.0002
	15	.2866	.3359	.2785	.1906	.1110	.0541	.0210	.0056	.0007
	16	.0788	.1848	.2298	.2097	.1526	.0893	.0404	.0124	.0017
	17	.0167	.0782	.1460	.1776	.1615	.1135	.0598	.0210	.0033
	18	.0030	.0202	.0790	.1282	.1457	.1228	.0755	.0303	.0054
	19	.0005	.0091	.0384	.0830	.1180	.1194	.0856	.0393	.0078
	20	.0001	.0027	.0173	.0498	.0884	.1073	.0898	.0471	.0106
	21	.0000	.0008	.0073	.0281	.0624	.0909	.0888	.0532	.0135
	22	.0000	.0002	.0030	.0152	.0421	.0736	.0839	.0574	.0163
	23	.0000	.0001	.0012	.0079	.0274	.0575	.0764	.0598	.0191
	24	.0000	.0000	.0004	.0040	.0173	.0436	.0676	.0604	.0218
	25	.0000	.0000	.0002	.0020	.0107	.0322	.0583	.0596	.0241
	26	.0000	.0000	.0001	.0010	.0064	.0233	.0493	.0575	.0262
	27	.0000	.0000	.0000	.0005	.0038	.0166	.0409	.0546	.0280
	28	.0000	.0000	.0000	.0002	.0022	.0117	.0335	.0511	.0295
	29	.0000	.0000	.0000	.0001	.0013	.0081	.0271	.0472	.0306
	30	.0000	.0000	.0000	.0000	.0007	.0055	.0216	.0431	.0314
	31	.0000	.0000	.0000	.0000	.0004	.0037	.0171	.0389	.0320
	32	.0000	.0000	.0000	.0000	.0002	.0025	.0134	.0349	.0322
	33	.0000	.0000	.0000	.0000	.0001	.0017	.0104	.0310	.0322
	34	.0000	.0000	.0000	.0000	.0001	.0011	.0081	.0274	.0320
	35	.0000	.0000	.0000	.0000	.0000	.0007	.0062	.0240	.0316
	36	.0000	.0000	.0000	.0000	.0000	.0005	.0047	.0219	.0310
	37	.0000	.0000	.0000	.0000	.0000	.0003	.0036	.0182	.0303
	38	.0000	.0000	.0000	.0000	.0000	.0002	.0027	.0157	.0295
	39	.0000	.0000	.0000	.0000	.0000	.0001	.0020	.0135	.0285
	40	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0116	.0275
	41	.0000	.0000	.0000	.0000	.0000	.0001	.0011	.0099	.0264
	42	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0084	.0253
	43	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0072	.0242
	44	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0061	.0230
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0051	.0219
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0043	.0207
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0036	.0196
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0030	.0185
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0025	.0174
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0021	.0164
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0018	.0154
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015	.0144
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0135
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0126
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0117
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0109

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
7	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0102
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0095
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0088
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0081
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0075
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0070
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0065
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0060
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0055
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0051
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0047
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0043
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0037
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0031
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0026
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0024
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0022
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
7	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
8	16	.5729	.3110	.1580	.0737	.0308	.0110	.0031	.0006	.0000
	17	.3056	.3318	.2538	.1573	.0821	.0352	.0116	.0025	.0002
	18	.0942	.2046	.2338	.1940	.1265	.0651	.0251	.0063	.0006
	19	.0220	.0957	.1640	.1815	.1479	.0914	.0411	.0117	.0014
	20	.0043	.0377	.0969	.1430	.1457	.1080	.0567	.0185	.0024
	21	.0008	.0132	.0509	.1001	.1276	.1135	.0695	.0259	.0038
	22	.0001	.0042	.0245	.0644	.1025	.1094	.0782	.0333	.0055
	23	.0000	.0013	.0111	.0387	.0771	.0988	.0824	.0401	.0074
	24	.0000	.0004	.0048	.0222	.0551	.0847	.0825	.0459	.0095
	25	.0000	.0001	.0020	.0122	.0378	.0697	.0792	.0504	.0118
	26	.0000	.0000	.0008	.0064	.0251	.0555	.0735	.0534	.0141
	27	.0000	.0000	.0003	.0033	.0162	.0429	.0663	.0551	.0163
	28	.0000	.0000	.0001	.0017	.0102	.0324	.0585	.0555	.0185
	29	.0000	.0000	.0000	.0008	.0063	.0240	.0505	.0548	.0205
	30	.0000	.0000	.0000	.0004	.0038	.0175	.0429	.0532	.0224
	31	.0000	.0000	.0000	.0002	.0023	.0125	.0358	.0508	.0241
	32	.0000	.0000	.0000	.0001	.0013	.0088	.0295	.0479	.0255
	33	.0000	.0000	.0000	.0000	.0008	.0062	.0241	.0446	.0268
	34	.0000	.0000	.0000	.0000	.0004	.0043	.0194	.0411	.0277
	35	.0000	.0000	.0000	.0000	.0003	.0029	.0155	.0376	.0285
	36	.0000	.0000	.0000	.0000	.0001	.0020	.0123	.0340	.0291
	37	.0000	.0000	.0000	.0000	.0001	.0013	.0097	.0306	.0294
	38	.0000	.0000	.0000	.0000	.0000	.0009	.0076	.0273	.0295
	39	.0000	.0000	.0000	.0000	.0000	.0006	.0059	.0242	.0295
	40	.0000	.0000	.0000	.0000	.0000	.0004	.0045	.0214	.0293
	41	.0000	.0000	.0000	.0000	.0000	.0003	.0035	.0188	.0289
	42	.0000	.0000	.0000	.0000	.0000	.0002	.0027	.0164	.0284
	43	.0000	.0000	.0000	.0000	.0000	.0001	.0020	.0143	.0278
	44	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0124	.0271
	45	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0107	.0264
	46	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0092	.0255
	47	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0079	.0246
	48	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0068	.0237
	49	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0058	.0227
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0049	.0218
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0042	.0208
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0035	.0198
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0030	.0188
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0025	.0179
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0021	.0169

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
8	56	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018	.0160
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015	.0151
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0142
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0134
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0126
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0118
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0110
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0103
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0097
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0090
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0084
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0078
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0073
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0068
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0063
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0059
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0054
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0050
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0047
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0043
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0037
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0032
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
8	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
9	18	.5344	.2688	.1254	.0532	.0199	.0063	.0015	.0002	.0000
	19	.3206	.3225	.2258	.1277	.0597	.0225	.0064	.0011	.0001
	20	.1096	.2204	.2314	.1746	.1021	.0462	.0152	.0031	.0002
	21	.0281	.1129	.1778	.1778	.1307	.0710	.0273	.0063	.0005
	22	.0060	.0482	.1139	.1527	.1395	.0910	.0408	.0108	.0010
	23	.0011	.0182	.0643	.1150	.1313	.1027	.0538	.0163	.0017
	24	.0002	.0062	.0331	.0789	.1127	.1058	.0646	.0224	.0027
	25	.0000	.0020	.0159	.0504	.0900	.1014	.0723	.0286	.0039
	26	.0000	.0006	.0072	.0305	.0680	.0919	.0764	.0346	.0052
	27	.0000	.0002	.0031	.0176	.0490	.0796	.0772	.0399	.0068
	28	.0000	.0000	.0013	.0098	.0341	.0663	.0750	.0444	.0085
	29	.0000	.0000	.0005	.0053	.0229	.0536	.0707	.0478	.0103
	30	.0000	.0000	.0002	.0028	.0150	.0422	.0649	.0501	.0122
	31	.0000	.0000	.0001	.0014	.0096	.0324	.0582	.0514	.0141
	32	.0000	.0000	.0000	.0007	.0061	.0244	.0512	.0517	.0159
	33	.0000	.0000	.0000	.0004	.0037	.0181	.0443	.0510	.0177
	34	.0000	.0000	.0000	.0002	.0023	.0132	.0377	.0496	.0193
	35	.0000	.0000	.0000	.0001	.0014	.0095	.0316	.0476	.0209
	36	.0000	.0000	.0000	.0000	.0008	.0068	.0263	.0452	.0223
	37	.0000	.0000	.0000	.0000	.0005	.0048	.0216	.0424	.0235
	38	.0000	.0000	.0000	.0000	.0003	.0033	.0175	.0394	.0246
	39	.0000	.0000	.0000	.0000	.0002	.0023	.0141	.0363	.0255
	40	.0000	.0000	.0000	.0000	.0001	.0016	.0113	.0332	.0262
	41	.0000	.0000	.0000	.0000	.0001	.0011	.0090	.0301	.0267
	42	.0000	.0000	.0000	.0000	.0000	.0007	.0071	.0271	.0271
	43	.0000	.0000	.0000	.0000	.0000	.0005	.0055	.0243	.0273
	44	.0000	.0000	.0000	.0000	.0000	.0003	.0043	.0217	.0274
	45	.0000	.0000	.0000	.0000	.0000	.0002	.0034	.0192	.0273
	46	.0000	.0000	.0000	.0000	.0000	.0001	.0026	.0169	.0271
	47	.0000	.0000	.0000	.0000	.0000	.0001	.0020	.0149	.0268
	48	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0130	.0264

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
9	49	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0114	.0259
	50	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0099	.0253
	51	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0085	.0246
	52	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0074	.0239
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0063	.0232
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0054	.0224
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0047	.0215
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0040	.0207
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0034	.0198
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0029	.0190
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0024	.0181
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021	.0173
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018	.0164
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015	.0156
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0148
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0140
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0132
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0125
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0118
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0111
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0104
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0098
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0092
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0086
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0081
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0075
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0070
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0066
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0061
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0057
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0053
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0049
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0046
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0043
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0037
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0032
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
9	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
10	20	.4985	.2323	.0996	.0384	.0129	.0036	.0007	.0001	.0000
	21	.3323	.3097	.1992	.1024	.0430	.0143	.0034	.0005	.0000
	22	.1246	.2323	.2241	.1537	.0806	.0321	.0090	.0015	.0001
	23	.0347	.1292	.1870	.1710	.1121	.0535	.0176	.0033	.0002
	24	.0080	.0595	.1291	.1574	.1289	.0739	.0283	.0061	.0004
	25	.0016	.0240	.0780	.1269	.1299	.0894	.0406	.0099	.0008
	26	.0003	.0088	.0427	.0926	.1185	.0979	.0511	.0144	.0013
	27	.0000	.0030	.0217	.0626	.1002	.0993	.0604	.0195	.0019
	28	.0000	.0009	.0103	.0399	.0797	.0948	.0673	.0248	.0027
	29	.0000	.0003	.0047	.0242	.0604	.0861	.0714	.0300	.0037
	30	.0000	.0001	.0021	.0140	.0439	.0751	.0726	.0349	.0049
	31	.0000	.0000	.0009	.0079	.0308	.0633	.0714	.0392	.0062
	32	.0000	.0000	.0004	.0043	.0210	.0518	.0818	.0428	.0076
	33	.0000	.0000	.0001	.0023	.0140	.0413	.0634	.0455	.0091
	34	.0000	.0000	.0001	.0012	.0091	.0322	.0577	.0473	.0106
	35	.0000	.0000	.0000	.0006	.0058	.0247	.0515	.0483	.0122

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
10	36	.0000	.0000	.0000	.0006	.0036	.0186	.0453	.0485	.0138
	37	.0000	.0000	.0000	.0002	.0022	.0138	.0391	.0479	.0153
	38	.0000	.0000	.0000	.0001	.0014	.0101	.0334	.0467	.0168
	39	.0000	.0000	.0000	.0000	.0008	.0073	.0281	.0450	.0182
	40	.0000	.0000	.0000	.0000	.0005	.0052	.0235	.0429	.0195
	41	.0000	.0000	.0000	.0000	.0003	.0037	.0194	.0405	.0208
	42	.0000	.0000	.0000	.0000	.0002	.0026	.0159	.0379	.0218
	43	.0000	.0000	.0000	.0000	.0001	.0018	.0129	.0351	.0228
	44	.0000	.0000	.0000	.0000	.0001	.0012	.0104	.0323	.0236
	45	.0000	.0000	.0000	.0000	.0000	.0008	.0083	.0296	.0243
	46	.0000	.0000	.0000	.0000	.0000	.0006	.0066	.0269	.0248
	47	.0000	.0000	.0000	.0000	.0000	.0004	.0052	.0243	.0252
	48	.0000	.0000	.0000	.0000	.0000	.0003	.0041	.0218	.0255
	49	.0000	.0000	.0000	.0000	.0000	.0002	.0032	.0195	.0256
	50	.0000	.0000	.0000	.0000	.0000	.0001	.0025	.0173	.0256
	51	.0000	.0000	.0000	.0000	.0000	.0001	.0019	.0154	.0256
	52	.0000	.0000	.0000	.0000	.0000	.0001	.0015	.0135	.0254
	53	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0119	.0251
	54	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0104	.0247
	55	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0091	.0243
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0079	.0238
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0069	.0232
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0059	.0226
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0051	.0219
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0044	.0212
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0038	.0205
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0033	.0198
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0028	.0190
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0024	.0183
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020	.0175
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017	.0167
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015	.0160
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0152
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0145
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0138
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0131
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0124
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0117
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0111
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0105
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0099
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0093
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0087
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0082
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0077
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0072
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0068
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0063

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
10	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0059
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0055
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0052
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0048
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0045
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0042
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0039
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0036
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0032
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0022
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	126	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	127	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	128	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
10	131	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	132	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	133	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	134	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
11	22	.4649	.2007	.0791	.0277	.0083	.0020	.0004	.0000	.0000
	23	.3410	.2944	.1740	.0813	.0306	.0089	.0018	.0002	.0000
	24	.1392	.2404	.2131	.1329	.0624	.0219	.0053	.0007	.0000
	25	.0418	.1445	.1921	.1596	.0938	.0394	.0111	.0017	.0001
	26	.0103	.0713	.1421	.1575	.1157	.0583	.0191	.0034	.0002
	27	.0022	.0306	.0916	.1353	.1242	.0751	.0287	.0058	.0003
	28	.0004	.0118	.0531	.1047	.1202	.0872	.0389	.0089	.0006
	29	.0001	.0042	.0285	.0747	.1072	.0934	.0486	.0127	.0009
	30	.0000	.0014	.0143	.0500	.0897	.0937	.0569	.0170	.0014
	31	.0000	.0004	.0068	.0317	.0711	.0892	.0631	.0216	.0020
	32	.0000	.0001	.0031	.0193	.0540	.0813	.0671	.0262	.0027
	33	.0000	.0000	.0014	.0113	.0395	.0713	.0687	.0307	.0035
	34	.0000	.0000	.0006	.0064	.0280	.0606	.0681	.0348	.0045
	35	.0000	.0000	.0002	.0035	.0193	.0501	.0657	.0383	.0056
	36	.0000	.0000	.0001	.0019	.0130	.0404	.0618	.0413	.0068
	37	.0000	.0000	.0000	.0010	.0085	.0320	.0570	.0435	.0080
	38	.0000	.0000	.0000	.0005	.0055	.0248	.0516	.0450	.0093
	39	.0000	.0000	.0000	.0003	.0035	.0189	.0459	.0457	.0107
	40	.0000	.0000	.0000	.0001	.0022	.0142	.0403	.0458	.0121
	41	.0000	.0000	.0000	.0001	.0014	.0105	.0348	.0453	.0134
	42	.0000	.0000	.0000	.0000	.0008	.0077	.0298	.0443	.0147
	43	.0000	.0000	.0000	.0000	.0005	.0056	.0252	.0428	.0160
	44	.0000	.0000	.0000	.0000	.0003	.0040	.0211	.0409	.0172
	45	.0000	.0000	.0000	.0000	.0002	.0029	.0175	.0388	.0184
	46	.0000	.0000	.0000	.0000	.0001	.0020	.0144	.0365	.0194
	47	.0000	.0000	.0000	.0000	.0001	.0014	.0117	.0340	.0204
	48	.0000	.0000	.0000	.0000	.0000	.0010	.0095	.0315	.0213
	49	.0000	.0000	.0000	.0000	.0000	.0007	.0077	.0290	.0220
	50	.0000	.0000	.0000	.0000	.0000	.0005	.0061	.0265	.0227
	51	.0000	.0000	.0000	.0000	.0000	.0003	.0049	.0241	.0232
	52	.0000	.0000	.0000	.0000	.0000	.0002	.0039	.0218	.0236
	53	.0000	.0000	.0000	.0000	.0000	.0001	.0030	.0197	.0239
	54	.0000	.0000	.0000	.0000	.0000	.0001	.0024	.0176	.0241
	55	.0000	.0000	.0000	.0000	.0000	.0001	.0019	.0157	.0242
	56	.0000	.0000	.0000	.0000	.0000	.0000	.0014	.0140	.0242
	57	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0124	.0241
	58	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0109	.0239
	59	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0096	.0237
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0084	.0233
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0074	.0229
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0064	.0225
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0056	.0220

		THETA (Θ)								
n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
11	64	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0048	.0214
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0042	.0208
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0036	.0202
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0031	.0196
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027	.0189
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023	.0183
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020	.0176
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017	.0169
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014	.0162
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0155
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0149
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0142
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0135
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0129
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0122
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0116
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0110
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0104
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0099
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0093
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0088
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0083
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0078
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0074
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0069
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0065
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0061
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0057
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0054
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0050
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0047
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0044
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0041
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0039
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0036
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0031
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0022
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
11	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	126	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	127	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	128	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	131	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	132	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	133	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	134	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	135	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	136	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	137	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	138	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	139	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	140	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	141	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	142	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
12	24	.4337	.1735	.0628	.0200	.0054	.0012	.0002	.0000	.0000
	25	.3469	.2775	.1507	.0641	.0216	.0055	.0010	.0001	.0000
	26	.1532	.2452	.1997	.1132	.0477	.0147	.0030	.0003	.0000
	27	.0494	.1582	.1932	.1460	.0769	.0284	.0068	.0009	.0000
	28	.0130	.0833	.1526	.1538	.1013	.0449	.0126	.0018	.0001
	29	.0030	.0380	.1044	.1402	.1154	.0614	.0200	.0033	.0001
	30	.0006	.0155	.0640	.1147	.1180	.0753	.0287	.0053	.0002
	31	.0001	.0058	.0361	.0862	.1108	.0849	.0377	.0080	.0004
	32	.0000	.0020	.0190	.0605	.0972	.0893	.0463	.0113	.0007
	33	.0000	.0007	.0094	.0401	.0806	.0889	.0537	.0150	.0010
	34	.0000	.0002	.0045	.0254	.0638	.0844	.0595	.0189	.0014
	35	.0000	.0001	.0020	.0154	.0485	.0770	.0634	.0230	.0019
	36	.0000	.0000	.0009	.0091	.0356	.0679	.0652	.0271	.0026
	37	.0000	.0000	.0004	.0052	.0254	.0581	.0651	.0309	.0033

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
12	38	.0000	.0000	.0002	.0029	.0177	.0485	.0634	.0344	.0041
	39	.0000	.0000	.0001	.0016	.0120	.0395	.0603	.0374	.0050
	40	.0000	.0000	.0000	.0008	.0080	.0316	.0562	.0398	.0060
	41	.0000	.0000	.0000	.0004	.0052	.0248	.0514	.0417	.0071
	42	.0000	.0000	.0000	.0002	.0034	.0191	.0463	.0429	.0082
	43	.0000	.0000	.0000	.0001	.0021	.0146	.0411	.0435	.0094
	44	.0000	.0000	.0000	.0001	.0013	.0109	.0360	.0436	.0106
	45	.0000	.0000	.0000	.0000	.0008	.0081	.0312	.0431	.0118
	46	.0000	.0000	.0000	.0000	.0005	.0060	.0267	.0422	.0130
	47	.0000	.0000	.0000	.0000	.0003	.0043	.0226	.0409	.0141
	48	.0000	.0000	.0000	.0000	.0002	.0031	.0190	.0392	.0153
	49	.0000	.0000	.0000	.0000	.0001	.0022	.0158	.0373	.0163
	50	.0000	.0000	.0000	.0000	.0001	.0016	.0131	.0352	.0174
	51	.0000	.0000	.0000	.0000	.0000	.0011	.0107	.0330	.0183
	52	.0000	.0000	.0000	.0000	.0000	.0008	.0087	.0308	.0192
	53	.0000	.0000	.0000	.0000	.0000	.0005	.0071	.0285	.0200
	54	.0000	.0000	.0000	.0000	.0000	.0004	.0057	.0262	.0207
	55	.0000	.0000	.0000	.0000	.0000	.0003	.0046	.0240	.0213
	56	.0000	.0000	.0000	.0000	.0000	.0002	.0036	.0218	.0218
	57	.0000	.0000	.0000	.0000	.0000	.0001	.0029	.0198	.0222
	58	.0000	.0000	.0000	.0000	.0000	.0001	.0023	.0178	.0225
	59	.0000	.0000	.0000	.0000	.0000	.0001	.0018	.0160	.0228
	60	.0000	.0000	.0000	.0000	.0000	.0000	.0014	.0143	.0229
	61	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0128	.0230
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0113	.0229
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0100	.0228
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0088	.0227
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0078	.0224
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0068	.0221
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0060	.0218
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0052	.0214
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0045	.0209
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0039	.0204
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034	.0199
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029	.0194
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025	.0188
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0022	.0182
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019	.0176
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016	.0170
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014	.0164
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012	.0157
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0151
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009	.0145
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0139
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0133
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0127
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0121

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
		THETA (Θ)								
12	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0115
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0110
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0104
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0099
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0094
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0089
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0084
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0079
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0075
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0071
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0067
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0063
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0059
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0055
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0052
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0049
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0046
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0043
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0038
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0035
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0033
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0031
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0022
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	126	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	127	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	128	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	131	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
12	132	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	133	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	134	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	135	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	136	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	137	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	138	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	139	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	140	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	141	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	142	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	143	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	144	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	145	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	146	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	147	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	148	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	149	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	150	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
13	26	.4045	.1499	.0499	.0144	.0035	.0007	.0001	.0000	.0000
	27	.3506	.3598	.1296	.0501	.0151	.0034	.0005	.0000	.0000
	28	.1665	.2468	.1847	.0952	.0360	.0097	.0017	.0002	.0000
	29	.0574	.1702	.1911	.1313	.0620	.0201	.0041	.0004	.0000
	30	.0161	.0953	.1604	.1470	.0868	.0338	.0081	.0009	.0000
	31	.0039	.0460	.1161	.1418	.1046	.0489	.0136	.0018	.0001
	32	.0008	.0198	.0750	.1222	.1127	.0633	.0206	.0031	.0001
	33	.0002	.0078	.0444	.0964	.1112	.0749	.0284	.0049	.0002
	34	.0000	.0029	.0245	.0708	.1020	.0825	.0365	.0072	.0003
	35	.0000	.0010	.0127	.0490	.0883	.0857	.0442	.0100	.0005
	36	.0000	.0003	.0063	.0323	.0727	.0847	.0510	.0132	.0007
	37	.0000	.0001	.0030	.0204	.0574	.0802	.0564	.0167	.0010
	38	.0000	.0000	.0014	.0124	.0437	.0733	.0601	.0203	.0014
	39	.0000	.0000	.0006	.0073	.0323	.0649	.0621	.0240	.0019
	40	.0000	.0000	.0003	.0042	.0232	.0559	.0624	.0275	.0024
	41	.0000	.0000	.0001	.0024	.0162	.0470	.0612	.0309	.0030
	42	.0000	.0000	.0000	.0013	.0111	.0387	.0587	.0338	.0038
	43	.0000	.0000	.0000	.0007	.0075	.0312	.0553	.0364	.0045
	44	.0000	.0000	.0000	.0004	.0049	.0247	.0511	.0385	.0054
	45	.0000	.0000	.0000	.0002	.0032	.0193	.0465	.0400	.0063
	46	.0000	.0000	.0000	.0001	.0021	.0148	.0418	.0411	.0073
	47	.0000	.0000	.0000	.0000	.0013	.0113	.0370	.0416	.0083
	48	.0000	.0000	.0000	.0000	.0008	.0085	.0324	.0416	.0093
	49	.0000	.0000	.0000	.0000	.0005	.0063	.0281	.0412	.0104
	50	.0000	.0000	.0000	.0000	.0003	.0046	.0241	.0403	.0115
	51	.0000	.0000	.0000	.0000	.0002	.0034	.0204	.0392	.0125
	52	.0000	.0000	.0000	.0000	.0001	.0024	.0172	.0377	.0136

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
13	53	.0000	.0000	.0000	.0000	.0001	.0017	.0144	.0360	.0146
	54	.0000	.0000	.0000	.0000	.0000	.0012	.0119	.0341	.0155
	55	.0000	.0000	.0000	.0000	.0000	.0009	.0098	.0321	.0166
	56	.0000	.0000	.0000	.0000	.0000	.0006	.0080	.0300	.0173
	57	.0000	.0000	.0000	.0000	.0000	.0004	.0065	.0279	.0181
	58	.0000	.0000	.0000	.0000	.0000	.0003	.0053	.0258	.0188
	59	.0000	.0000	.0000	.0000	.0000	.0002	.0043	.0238	.0195
	60	.0000	.0000	.0000	.0000	.0000	.0001	.0034	.0217	.0201
	61	.0000	.0000	.0000	.0000	.0000	.0001	.0027	.0198	.0206
	62	.0000	.0000	.0000	.0000	.0000	.0000	.0022	.0180	.0210
	63	.0000	.0000	.0000	.0000	.0000	.0000	.0017	.0162	.0213
	64	.0000	.0000	.0000	.0000	.0000	.0000	.0013	.0146	.0216
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0131	.0218
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0117	.0219
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0104	.0219
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0092	.0219
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0082	.0218
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0072	.0216
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0063	.0214
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0056	.0211
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0049	.0208
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0043	.0204
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0037	.0200
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0032	.0196
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0028	.0191
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0024	.0186
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021	.0181
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018	.0176
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016	.0170
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013	.0164
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0159
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0153
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0147
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0142
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0136
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0130
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0125
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0119
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0114
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0109
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0103
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0098
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0094
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0089
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0084
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0080
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0076

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
		THETA (θ)								
13	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0072
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0068
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0064
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0060
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0057
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0054
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0050
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0047
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0045
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0042
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0039
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0037
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0035
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0032
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0030
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0028
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0022
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	126	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	127	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	128	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	131	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	132	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	133	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	134	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	135	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	136	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	137	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	138	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	139	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	140	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	141	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	142	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	143	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	144	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	145	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	146	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003

		THETA (θ)								
n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
13	147	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	148	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	149	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	150	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	151	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	152	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	153	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	154	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	155	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	156	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	157	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
14	28	.3773	.1295	.0396	.0104	.0023	.0004	.0000	.0000	.0000
	29	.3521	.2418	.1108	.0389	.0106	.0021	.0003	.0000	.0000
	30	.1790	.2458	.1690	.0792	.0268	.0064	.0010	.0001	.0000
	31	.0657	.1804	.1861	.1162	.0492	.0141	.0025	.0002	.0000
	32	.0195	.1070	.1655	.1379	.0730	.0250	.0051	.0005	.0000
	33	.0050	.0545	.1264	.1403	.0928	.0382	.0091	.0010	.0000
	34	.0011	.0247	.0859	.1271	.1051	.0519	.0144	.0018	.0000
	35	.0002	.0102	.0532	.1051	.1086	.0643	.0208	.0029	.0001
	36	.0000	.0039	.0306	.0806	.1043	.0740	.0280	.0045	.0001
	37	.0000	.0014	.0166	.0582	.0939	.0801	.0353	.0065	.0002
	38	.0000	.0005	.0085	.0398	.0804	.0823	.0424	.0089	.0004
	39	.0000	.0002	.0042	.0261	.0659	.0809	.0486	.0117	.0005
	40	.0000	.0000	.0020	.0165	.0519	.0765	.0536	.0147	.0007
	41	.0000	.0000	.0009	.0000	.0396	.0700	.0572	.0180	.0010
	42	.0000	.0000	.0004	.0059	.0293	.0622	.0593	.0213	.0014
	43	.0000	.0000	.0002	.0034	.0212	.0539	.0599	.0246	.0018
	44	.0000	.0000	.0001	.0019	.0149	.0456	.0592	.0277	.0022
	45	.0000	.0000	.0000	.0011	.0103	.0378	.0572	.0306	.0028
	46	.0000	.0000	.0000	.0006	.0070	.0307	.0543	.0332	.0034
	47	.0000	.0000	.0000	.0003	.0047	.0246	.0507	.0355	.0041
	48	.0000	.0000	.0000	.0002	.0031	.0194	.0466	.0372	.0048
	49	.0000	.0000	.0000	.0001	.0020	.0151	.0422	.0386	.0056
	50	.0000	.0000	.0000	.0000	.0013	.0115	.0378	.0395	.0065
	51	.0000	.0000	.0000	.0000	.0008	.0088	.0334	.0399	.0074
	52	.0000	.0000	.0000	.0000	.0005	.0066	.0292	.0399	.0083
	53	.0000	.0000	.0000	.0000	.0003	.0049	.0253	.0395	.0092
	54	.0000	.0000	.0000	.0000	.0002	.0036	.0217	.0387	.0102
	55	.0000	.0000	.0000	.0000	.0001	.0026	.0185	.0377	.0111
	56	.0000	.0000	.0000	.0000	.0001	.0019	.0156	.0363	.0121
	57	.0000	.0000	.0000	.0000	.0000	.0014	.0131	.0348	.0130
	58	.0000	.0000	.0000	.0000	.0000	.0010	.0109	.0331	.0139
	59	.0000	.0000	.0000	.0000	.0000	.0007	.0090	.0313	.0148
	60	.0000	.0000	.0000	.0000	.0000	.0005	.0074	.0294	.0156
	61	.0000	.0000	.0000	.0000	.0000	.0003	.0060	.0274	.0164
	62	.0000	.0000	.0000	.0000	.0000	.0002	.0049	.0255	.0172

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
14	63	.0000	.0000	.0000	.0000	.0000	.0002	.0040	.0235	.0179
	64	.0000	.0000	.0000	.0000	.0000	.0001	.0032	.0216	.0185
	65	.0000	.0000	.0000	.0000	.0000	.0000	.0026	.0198	.0190
	66	.0000	.0000	.0000	.0000	.0000	.0000	.0020	.0180	.0195
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0016	.0164	.0199
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0013	.0148	.0203
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0134	.0205
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0120	.0207
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0107	.0209
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0096	.0210
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0085	.0210
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0075	.0209
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0067	.0208
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0059	.0207
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0052	.0205
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0046	.0202
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040	.0199
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0035	.0196
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0030	.0192
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0026	.0188
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023	.0184
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020	.0179
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017	.0175
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015	.0170
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013	.0165
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0160
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0154
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0149
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0144
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0138
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0133
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0128
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0123
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0118
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0113
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0108
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0103
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0098
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0093
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0089
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0085
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0080
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0076
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0072
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0069
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0065
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0061

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
14	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0058
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0055
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0052
	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0049
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0046
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0043
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0041
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0038
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0036
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0034
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0032
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0030
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0028
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0026
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0025
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	126	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	127	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	128	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0018
	130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	131	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	132	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	133	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	134	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	135	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	136	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	137	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	138	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	139	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	140	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	141	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	142	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	143	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	144	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	145	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	146	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	147	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	148	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	149	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	150	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	151	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	152	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	153	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	154	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	155	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	156	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
14	157	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	158	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	159	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	160	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	161	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	162	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	163	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	164	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	165	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	166	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
15	30	.3519	.1119	.0314	.0075	.0015	.0002	.0000	.0000	.0000
	31	.3519	.2239	.0943	.0301	.0073	.0013	.0001	.0000	.0000
	32	.1906	.2425	.1532	.0653	.0198	.0041	.0005	.0000	.0000
	33	.0742	.1888	.1789	.1016	.0386	.0097	.0014	.0001	.0000
	34	.0232	.1183	.1681	.1273	.0604	.0182	.0032	.0002	.0000
	35	.0062	.0633	.1350	.1363	.0808	.0292	.0059	.0005	.0000
	36	.0015	.0301	.0962	.1295	.0960	.0417	.0099	.0010	.0000
	37	.0003	.0130	.0623	.1119	.1037	.0540	.0150	.0017	.0000
	38	.0001	.0052	.0374	.0895	.1037	.0648	.0209	.0027	.0001
	39	.0000	.0020	.0211	.0672	.0973	.0730	.0275	.0041	.0001
	40	.0000	.0007	.0112	.0478	.0865	.0778	.0342	.0059	.0002
	41	.0000	.0002	.0057	.0324	.0734	.0792	.0406	.0079	.0003
	42	.0000	.0001	.0028	.0211	.0598	.0775	.0464	.0104	.0004
	43	.0000	.0000	.0013	.0133	.0471	.0732	.0511	.0131	.0005
	44	.0000	.0000	.0006	.0081	.0359	.0671	.0546	.0159	.0007
	45	.0000	.0000	.0003	.0048	.0267	.0598	.0568	.0189	.0010
	46	.0000	.0000	.0001	.0028	.0194	.0520	.0577	.0220	.0013
	47	.0000	.0000	.0000	.0016	.0137	.0443	.0573	.0249	.0017
	48	.0000	.0000	.0000	.0009	.0095	.0370	.0558	.0277	.0021
	49	.0000	.0000	.0000	.0005	.0065	.0303	.0533	.0303	.0026
	50	.0000	.0000	.0000	.0003	.0044	.0244	.0502	.0326	.0031
	51	.0000	.0000	.0000	.0001	.0029	.0194	.0465	.0345	.0037
	52	.0000	.0000	.0000	.0001	.0019	.0152	.0425	.0361	.0043
	53	.0000	.0000	.0000	.0000	.0012	.0118	.0384	.0373	.0050
	54	.0000	.0000	.0000	.0000	.0008	.0090	.0343	.0380	.0058
	55	.0000	.0000	.0000	.0000	.0005	.0068	.0303	.0384	.0066
	56	.0000	.0000	.0000	.0000	.0003	.0051	.0265	.0384	.0074
	57	.0000	.0000	.0000	.0000	.0002	.0038	.0229	.0380	.0082
	58	.0000	.0000	.0000	.0000	.0001	.0028	.0197	.0373	.0091
	59	.0000	.0000	.0000	.0000	.0001	.0020	.0168	.0363	.0099
	60	.0000	.0000	.0000	.0000	.0000	.0015	.0142	.0351	.0108
	61	.0000	.0000	.0000	.0000	.0000	.0011	.0119	.0337	.0117
	62	.0000	.0000	.0000	.0000	.0000	.0008	.0100	.0321	.0125
	63	.0000	.0000	.0000	.0000	.0000	.0005	.0083	.0305	.0133
	64	.0000	.0000	.0000	.0000	.0000	.0004	.0068	.0287	.0141
	65	.0000	.0000	.0000	.0000	.0000	.0003	.0056	.0269	.0149

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
15	66	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0251	.0156
	67	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0164	.0163
	68	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0148	.0170
	69	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0134	.0175
	70	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0120	.0181
	71	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0107	.0185
	72	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0096	.0190
	73	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0085	.0193
	74	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0075	.0196
	75	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0067	.0198
	76	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0059	.0200
	77	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0052	.0201
	78	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0046	.0202
	79	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040	.0202
	80	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0035	.0201
	81	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0030	.0200
	82	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0026	.0198
	83	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023	.0197
	84	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020	.0194
	85	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017	.0191
	86	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015	.0188
	87	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013	.0185
	88	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011	.0181
	89	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010	.0177
	90	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008	.0173
	91	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007	.0169
	92	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006	.0164
	93	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005	.0160
	94	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0155
	95	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004	.0150
	96	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0145
	97	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0140
	98	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0135
	99	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0130
	100	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0126
	101	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0121
	102	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0116
	103	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0111
	104	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0106
	105	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0102
	106	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0097
	107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0093
	108	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0089
	109	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0085
	110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0081
	111	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0077
	112	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0073

THETA (Θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
15	113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0069
	114	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0066
	115	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0062
	116	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0059
	117	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0056
	118	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0053
	119	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0050
	120	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0047
	121	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0044
	122	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0042
	123	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0040
	124	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0037
	125	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0035
	126	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0033
	127	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0031
	128	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0029
	129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0027
	130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0026
	131	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0024
	132	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0023
	133	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0021
	134	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0020
	135	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0019
	136	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0017
	137	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0016
	138	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0015
	139	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0014
	140	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0013
	141	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	142	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0012
	143	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0011
	144	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0010
	145	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	146	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0009
	147	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	148	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0008
	149	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	150	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0007
	151	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	152	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0006
	153	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	154	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	155	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0005
	156	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	157	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	158	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0004
	159	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003

THETA (θ)

n	z	.1	.2	.3	.4	.5	.6	.7	.8	.9
15	160	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	161	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	162	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003
	163	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	164	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	165	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	166	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	167	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	168	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	169	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	170	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	171	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	172	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	173	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	174	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

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