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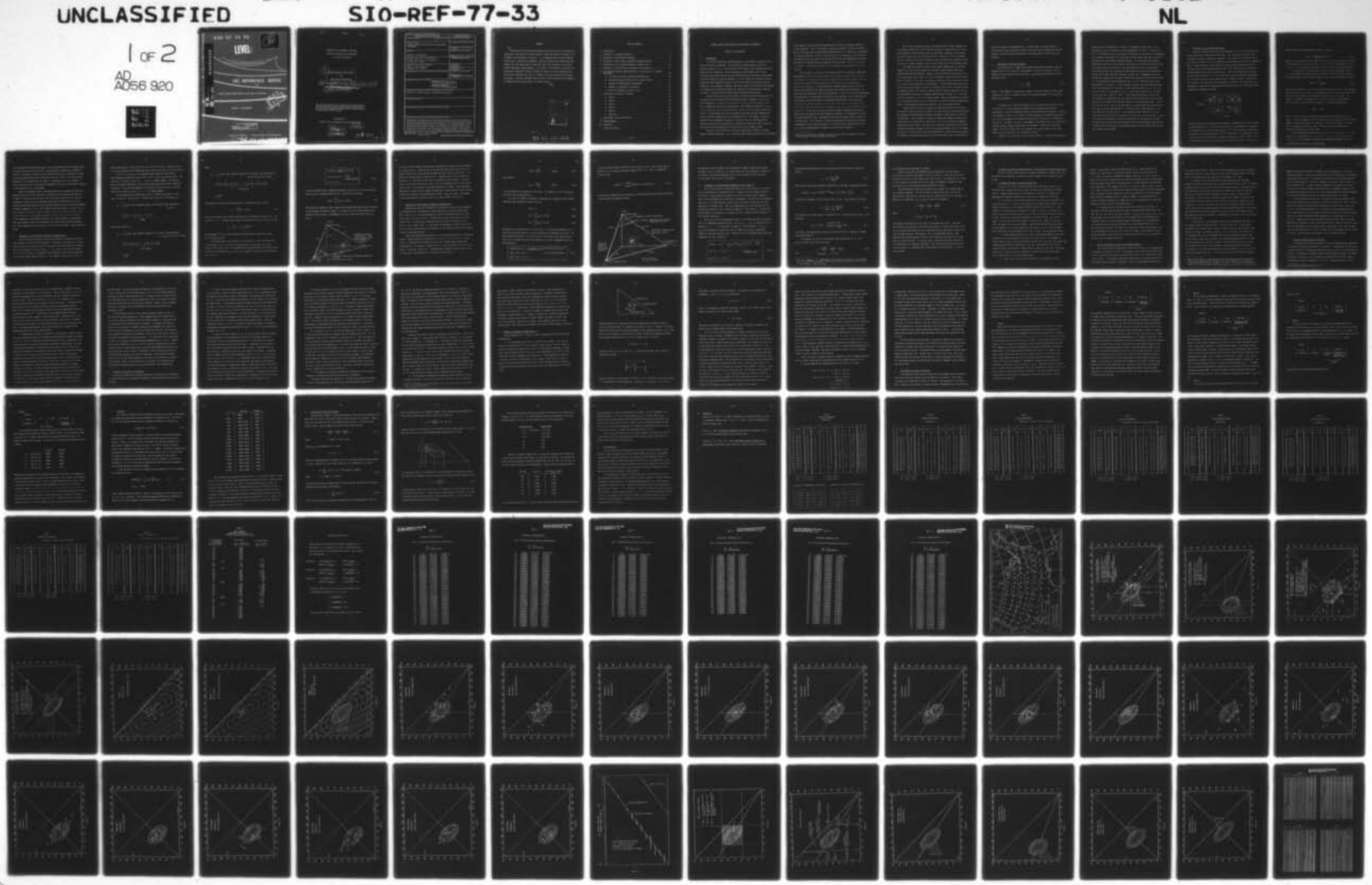

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CLIMATE FORECAST VERIFICATION VIA MULTINOMIAL STOCHASTERS

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CLIMATE FORECAST VERIFICATION VIA MULTINOMIAL STOCHASTERS

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(10) Rudolph W. Preisendorfer

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The problem of attaching some quantitative measure of skill to forecasts of temperature, precipitation and other physical fields over extensive regions of the atmosphere and hydrosphere is examined. It is suggested that to each forecaster we may assign a competitive stochaster, a device or person that performs the same forecast over the same regions of space and time as the forecaster, but using a specially designed random procedure. This notion is illustrated for the case of a multinomial stochaster, by means of numerical...

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ABSTRACT

The problem of attaching some quantitative measure of skill to forecasts of temperature, precipitation and other physical fields over extensive regions of the atmosphere and hydrosphere is examined. It is suggested that to each forecaster we may assign a competitive stochaster, a device or person that performs the same forecast over the same regions of space and time as the forecaster, but using a specially designed random procedure. This notion is illustrated for the case of a multinomial stochaster, by means of numerical studies of actual temperature and precipitation forecasts over the U.S. mainland for various seasons over the past three years. Specially designed tables and charts show how quantitative judgments of forecaster skills can be made in a variety of ways.

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CLIMATE FORECAST VERIFICATION VIA MULTINOMIAL STOCHASTERS

Rudolph W. Preisendorfer

0. Introduction

In this work we develop a general approach to the problem of forecast verification in physical climatology. This problem has already been the subject of numerous studies (cf. e.g., Brier and Allen, 1951; Namias, 1953; Panofsky and Brier, 1958; and their references). We are encouraged to make another essay in this direction because these studies have only presented partial solutions of the problem by omitting essential stochastic elements; or if the latter were included, then the appropriate common geometric setting of the forecast and its realization (the predictand) was not developed. Moreover, some early studies of the problem have confused its formulation by introducing elements of subjectivity and qualitative reasoning into what is a matter requiring objectivity and quantitative reasoning.

In what follows we will take the point of view that both the forecast and its realization must be treated within the same quantitative framework: the *forecast* will be viewed as *the numerical specification of values that a geophysical field* (e.g., temperature, pressure, precipitation or some combination thereof) *will take, at some specified times in the future over a specified set of spatially distributed points*. The predictand field will be couched in precisely the same framework and so will be wholly commensurate with the forecast field. For example, if the predictand field is atmospheric pressure at n points of the U.S. mainland and the values of pressure are classified into r categories at each point, then so too will the forecast field be presented in r-tile form at each of these n points.

Moreover, in what follows we will solve the problem of finding a suitably general reference forecaster, i.e., a verifier against which the skill of all forecasters can be gauged. We will do this by choosing the *stochaster* as a worthy competitor of the forecaster. That is, we choose a stochastic forecaster (a person or device) which is assigned precisely the forecast problem faced by its competitor, and proceeds in a purely random way to solve it: both forecaster and stochaster, each in his own characteristic way, must predict the future state of the same geophysical field over the same set of spatial points and same set of future times. *There is accordingly, in principle, a stochaster assignable to each forecaster whose efforts are to be verified.*

For us, then, a *verification* of a forecast consists of two parts, namely the application of: (i) *a quantitative measure of the degree of match between a given predictand and the forecaster's prediction;* and (ii) *a probability measure of attaining the same degree of match between the given predictand and the associated stochaster's prediction.* In every practical instance these two parts of the verification are required to be readily converted into tabular or graphical form. In particular the forecaster's skill may be depicted as a point (in a suitably dimensioned euclidean point- or subset-space) to which has been assigned a level of statistical significance via the performance of the competing stochaster at that same point. *Thus when two different forecaster's skills are to be compared, this must be done on the same geometric-probabilistic background, namely that of their common stochastic competitor.* In this way we can also solve the problem of comparing the relative merits of a wide range of possible different forecasters* all attempting to predict the same geophysical field's configuration over the same space points and same set of future times. This, obviously, requires the appropriate cooperative preliminary arrangements by two or more forecasters to insure that their recorded efforts will fall into the common geometric-probabilistic verification framework.

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* These can range from the simplest, such as the persisters and advecters, to the most advanced of current prediction strategies.

We will use our general approach to develop several of these frameworks so as to attain a hierarchy of ever-increasing stringency, appropriate parts of which may be adopted by each forecaster, who, as his mastery increases, can then apply ever more rigorous tests of his forecast skills. Moreover, it will be possible for him to compare his skills with those of other forecasters who attempt the same forecasts in a common framework, such as any of those given in the hierarchy below.

The general principles utilized in the present approach are of sufficient breadth so as to allow their extension to virtually every problem setting the climate forecaster may encounter. However, in the interests of brevity we will in this study explore only a specific class of stochasters, namely the class of multinomial stochasters. This class is already so broad that it will cover many, if not all, of the cases encountered in usual practice. Yet we should mention that there exist settings which require classes of stochasters that are not multinomial per se. For example, global skill scores for analog forecasts require stochasters that are not multinomial, but rather an immediate generalization of these, i.e., the multivectorial stochasters. It will be noted, however, that the verification principles (i), (ii) enunciated above are still applicable as guides to attain the appropriate forms of the match and significance quantities, now in the analog setting.

Having attained a general objective and quantitative overview of forecast verification, one can now go on to apply it in various ways to the practical aspects of economics and administrative problems contingent on sound forecasts and their verifications. These problems, of course, are beyond the immediate scope of this study and will be reserved for a future time. Yet we wish to make one important observation in this regard: if we possess an objective, quantitative verification system of adjustable stringency, such as that developed below, then it will always be possible to extract from it auxiliary quantitative, or even qualitative measures of forecast verification applicable to the specific needs of the less quantitative fields of economics and administration. In other words, we can more easily, in such matters as these, descend the ladder from objectivity to subjectivity and from quantity to quality rather than ascend it, and we now possess the basis for such descents.

1. Forecaster vs the Mean Stochaster

The simplest form of competition between forecaster and stochaster uses the expected value of the stochaster's performance as a point of reference. This is exemplified in the popular form of the skill S_n given by the Heidke formula (Brier and Allen, 1951):

$$S_n = \frac{u-\bar{u}}{n-\bar{u}} \tag{1.1}$$

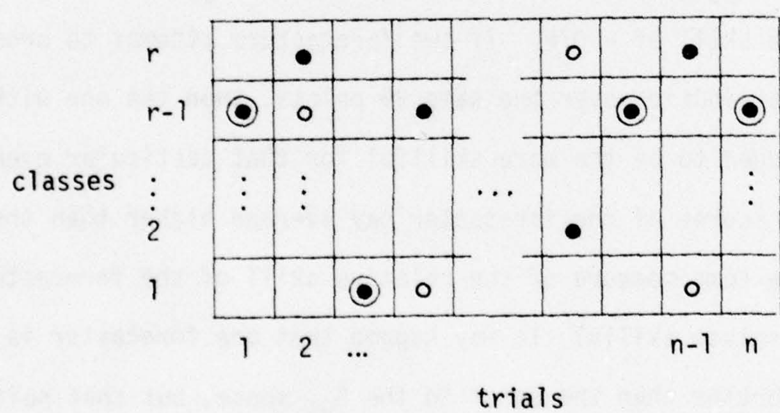
where u is the number of 0-class errors (number of correct predictions) made by the forecaster in a set of n forecasts, and $\bar{u}$ is the expected number of 0-class errors made by the stochaster.

In viewing (1.1) within the framework of our verification principles (i) and (ii) defined in §0, the quantitative degree of match between predictand and prediction is u, but the probability measure associated with the stochaster is missing. The stochaster's mean $\bar{u}$ is, of course, a statistical point of reference that serves in (1.1) to tell whether the forecaster has positive or negative skill according as $u>\bar{u}$ or $u<\bar{u}$. But what is missing is some number (a confidence level, e.g.) that tells how much better or worse, respectively, the forecaster's efforts are than blind chance. Thus (1.1) serves only to tell whether one is doing better or worse than chance, but not by how much, in a probabilistic sense.

Consider, e.g., the lists of skill scores in Table 9. These may be associated with the following hypothetical situation: A temperature field (say) is to be predicted over the U.S. mainland at 99 selected points (cf Fig. 1). Thus n=99 in (1.1). The predictions are to be made by stating that, at each point, the temperature will be either above normal (A), normal (N), or below normal (B), where 'normal' is some previously established climatological mean. For this purpose the range of temperatures occurring in the record at each station is divided or partitioned into three equal classes (or intervals): one that contains the normal temperatures, and an interval each that contains the above normal and below normal temperatures. In this way the data have been 'terciled' at each point. Subsequently, the predictions are compared with the actual temperatures realized at each of the 99 points. Let u be the number of correct predictions (e.g., if A is predicted and A occurs, the prediction is correct). On the average, by chance, one would expect to guess 1/3 of the temperatures at the points, so that $99\times(1/3)=33=\bar{u}$ in (1.1). If, e.g., $u=41$, then the skill S_{99} would be +.121. If $u=33$, then S_{99} would be 0, while 28 correct would have a skill of -.076. If two forecasters attempt to predict the same temperature distribution over the same 99 points, then the one with the higher S_{99} value may be judged to be the more skillful for that particular event. In the long run, the skill scores of one forecaster may average higher than the other, and hence S_{99} would give some measure of the relative skill of the forecasters. But what about their absolute skills? It may happen that one forecaster is in the long run uniformly better than the other in the S_{99} sense, but that neither is better at forecasting events than a thrown die attempting to do the same job! In what follows we shall explore the ideas inherent in this last observation, with the goal in mind of attaining one form of an absolute measure of skill against which forecasters' efforts may be pitted.

2. Forecaster vs the Binomial Stochaster

One way to improve on the skill score formula in (1.1) is to attach to S_n the missing statistical significance of the score. This is done by assigning to the forecaster's problem a competitive stochaster. For example, if the physical field has n points at which it is to be predicted, and the predictions consist in specifying one of r possible values at each point, then the associated stochaster takes the following form (in the preceding example, n=99, r=3): at each point the stochaster chooses randomly one of the r possible values. Hence the probability of choosing any one of the r values is 1/r. At the next point he starts again and independently of his previous decision, the stochaster chooses randomly from the r possibilities at that point. He continues this way through all n points. Now imagine that the predictand is depicted as n appropriately distributed dots in the following abstract diagram of the prediction problem:



The open circles are forecasts by the stochaster. Sometimes he has a hit (circled dot) and sometimes not. Since his trials of choice are independent of each other, the probability of u correct predictions is $(1/r)^u$. The remaining n-u predictions are incorrect and have probability $(1-\frac{1}{r})^{n-u}$ of occurring. The probability of this particular set of u correct and n-u incorrect predictions is $(\frac{1}{r})^u\ (1-\frac{1}{r})^{n-u}$. The total probability $P_n(u)$ of u correct and n-u incorrect predictions, regardless of which u dots are circled and which n-u are not, is given by

$$P_n(u) = \frac{n!}{u!(n-u)!}\left(\frac{1}{r}\right)^u\left(1-\frac{1}{r}\right)^{n-u} \qquad (2.1)$$

where $n!/u!(n-u)!$ accounts for the number of distinct ways the stochaster can achieve u correct predictions in the set of n dots. Eq (2.1) defines the performance of the *binomial stochaster*: He can have only two outcomes: correct prediction, or wrong prediction.

This probability function supplies the missing information needed in the use of (1.1) to gauge how much better are the forecaster's efforts than the stochaster's. For example, Table 10 lists* values of $P_{99}(u)$ and its cumulative probability function

$$Q_{99}(u) = \sum_{j=0}^{u} P_{99}(j) \qquad (2.2)$$

for the case n=99 and r=3. By (1.1) we can find the values of skill S, now associated with u and $\bar{u}$ for the case n=99. Thus comparing Tables 9, 10, we see that skill scores of (say) +.106 or greater are statistically significant at the 95% level. The column '1' in Table 10 corresponds to the u column in Table 9. Another index of skill in Table 9 is the critical ratio (where σ is the standard deviation):

$$C_{99}(u) = \frac{u-\bar{u}}{\sigma}$$

which is closely related to the approximating gaussian distribution to (2.1) for large n. The skill number S_n or the critical ratio are evidently but two of an infinite number of equivalent apparent-skill indicators. Moreover this skill S as reckoned by (1.1) changes with $\bar{u}$ and n, so that +.106 need no longer be associated with statistical significance at the 95% level.

The main observation to make here is that *skill numbers like the critical ratio* $C_{99}(u)$ *or like* $S_{99}=S(u,\bar{u},99)$ *are by themselves not the true indicators of forecasting skill.* The true indicators (relative to the competing stochaster) are given

* See Preface to Tables 10-15, just before them.

via the cumulative probabilities $Q_{99}(u)$. Thus, associated with u=40 is $Q_{99}(u)$=.9433, (of Table 10) which says that 94.33% of the stochaster's predictions are below 41 correct. Or putting it another way, for every 100 tries by the stochaster to attain 41 or more correct predictions at 99 points, only 100 - 94.33 = 5.67 times (on the average) will he be able to do so. Hence if a forecaster *consistently* obtains u=41 or more as a score in the present experimental setting, he is doing well relative to the stochaster, i.e., blind chance.

There is an important point illustrated here which is perhaps too implicitly buried in part (ii) of the verification principle of §0 and which we now draw out in detail: in practice the stochaster works very hard at establishing his level of performance; experiment after experiment (under fixed conditions) goes by as he gradually establishes empirically the $P_n(u)$ distribution which we so glibly assembled, by logical argument, in (2.1). In an identical practical sense, *a forecaster's true skill emerges only after a sufficient number of experiments have determined (under fixed conditions) his own* $P_n(u)$ *distribution relative to that of the stochaster.* If the forecaster is consistently skillful, his 'scatter diagram' of predictions, when superimposed on that of the stochaster, will show some distinctive and favorable form of departure from the latter. This will be illustrated in some discussions below.

3. <u>Forecaster vs the Trinomial Stochaster (unsigned errors)</u>

The next step up the ladder of ever more potentially stringent verification tests brings us to the trinomial stochaster. Returning to the diagram in §2 we now look not only at the correct number of predictions by the forecaster and stochaster, but also the number of 1-class, 2-class, ..., (r-1)-class errors they may commit. A *j-class error*, $0 \le j \le r-1$, is committed if the prediction circle and predictand dot are in classes whose indexes differ by j. For example a 0-class error (j=0) is a correct prediction, a 1-class error ($j=1$) is a miss by one class. Clearly, for an r-tile classification of the predictand values, there can be up to ($r-1$)-class errors.

A *trinomial stochaster* is a stochaster whose scores are registered in three categories, namely as 0-class errors, 1-class errors, and $\overline{2}$-class errors. The latter are all errors of class 2,3,..., up to $r-1$, lumped together. We thus see that the trinomial stochaster is the next step higher than the binomial stochaster; the latter's scores are registered as 0-class errors and $\overline{1}$-class errors, where the latter are all errors of class 1, 2, ..., $r-1$, lumped together.

We can determine the probability a_j that a stochaster may commit a j-class error, as follows. Clearly $a_0=1/r$. Another way to see this is to reckon a_0 as:

$$a_0 = \sum_{i=1}^{r} \text{(prob. that stochaster chooses cell } i) \times \text{(prob. that predictand is } \textit{in cell } i)$$

$$= \sum_{i=1}^{r} \frac{1}{r} \times \frac{1}{r} = \underbrace{\frac{1}{r^2} + \frac{1}{r^2} + \cdots + \frac{1}{r^2}}_{r \text{ terms}} = \frac{1}{r}$$

Continuing in this way:

$$a_1 = \sum_{i=1}^{r} \text{(prob. that stochaster chooses cell } i) \times \text{(prob. that predictand is in cell } (i-1) \text{ or cell } (i+1))$$

$$= \frac{1}{r}\left(\frac{1}{r}\right) + \underbrace{\frac{1}{r}\left(\frac{1}{r}+\frac{1}{r}\right) + \cdots + \frac{1}{r}\left(\frac{1}{r}+\frac{1}{r}\right)}_{(r-2) \text{ terms}} + \frac{1}{r}\left(\frac{1}{r}\right)$$

$$= \frac{2(r-1)}{r^2}$$

Again,

$$a_2 = \sum_{i=1}^{r} \text{(prob. that stochaster chooses cell } i)\text{x(prob. that predictand is in cell } (i-2) \text{ or cell } (i+2))$$

$$= \frac{1}{r}\left(\frac{1}{r}\right) + \frac{1}{r}\left(\frac{1}{r}\right) + \underbrace{\frac{1}{r}\left(\frac{1}{r}+\frac{1}{r}\right) + \cdots + \frac{1}{r}\left(\frac{1}{r}+\frac{1}{r}\right)}_{(r-4)\text{ terms}} + \frac{1}{r}\left(\frac{1}{r}\right) + \frac{1}{r}\left(\frac{1}{r}\right)$$

$$= \frac{2(r-2)}{r^2}$$

From these we can guess the general pattern for the probability a_j, namely:

$$a_j = \frac{2(r-j)}{r^2}, \quad 1 \le j \le r-1 . \tag{3.1}$$

This may be checked, and a formal proof devised, by considering in detail, e.g., the cases for r = 6, 7. Another check consists in seeing that the sum of the a_j is unity

$$a_0 + \sum_{j=1}^{r-1} a_j = \frac{1}{r} + \sum_{j=1}^{r} \frac{2(r-j)}{r^2} = 1$$

As an example, if r=3, so that we tercile the field values at each point, then $a_0=1/3$, $a_1=4/9$, $a_2=2/9$.

Now suppose that, in the context of the diagram of §2, the stochaster makes n predictions. Let u, v, w be the resulting number, respectively, of 0-class, 1-class, and $\overline{2}$-class errors. The probability of committing each type of error singly at a time is, respectively a_0, a_1, and $a_{\overline{2}}$ $(=1-(a_0+a_1))$. Hence the joint probability of u, v, w is

$$p(u,v,w) = \frac{n!}{u!v!w!} a_0^{\,u} a_1^{\,v} a_2^{\,w}$$

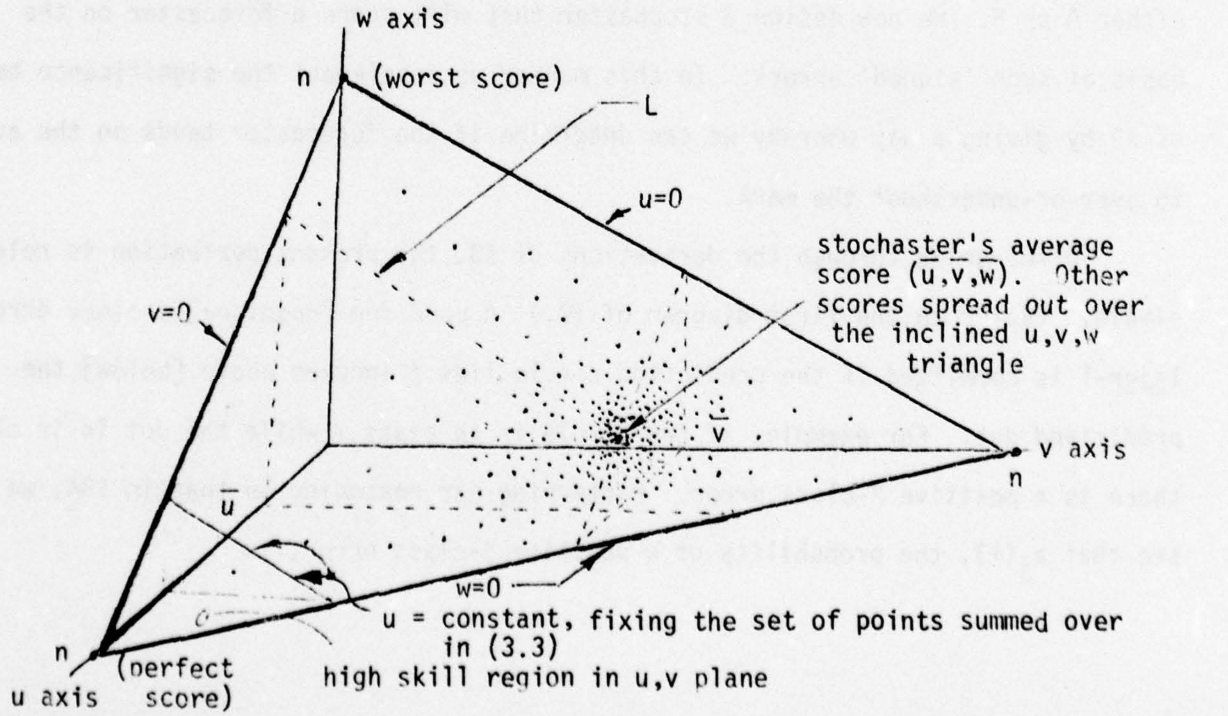
$$a_0 + a_1 + a_2 = 1 \quad \text{r-tile (classification)} \tag{3.2}$$

$$u + v + w = n$$

It may be verified that we recover the binomial $P_n(u)$ of (2.1) if we fix u and sum p(u,v,w) over all possible values of v,w. That is, we fix u; then

$$P_n(u) = \sum_{v=0}^{n-u} p(u,v,\, n-(u+v)) \tag{3.3}$$

This process of summation may be viewed in the diagram below which gives an overview of the trinomial stochaster's domain. By fixing u, we fix a plane through u and parallel to the vw plane. The summation in (3.3) is over the lattice points of line L.



The scores of the trinomial stochaster are represented as triples (u,v,w) of integers u,v,w which sum to n. Hence the set of all possible scores lies on the finite triangular portion of the inclined plane through the three n-points on each axis. The probability of each score is given by (3.2). A perfect score is one for which u=n and v=w=0, i.e., the point on the u-axis, a distance n from the origin. The worst score is the n-point on the w-axis, and a score of intermediate skill is the n-point of the v-axis. The stochaster, after many experiments of length n, each experiment resulting in a triple (u,v,w), begins to accumulate a cloud of points on the inclined triangle and centered on the average point $(\bar{u},\bar{v},\bar{w}) = (na_0, na_1, na_{\bar{2}})$. For example, if n=99, and we choose terciles (so that r=3), then $(\bar{u},\bar{v},\bar{w})$ = (33, 44, 22).

4. <u>Forecaster vs the Trinomial Stochaster (signed errors)</u>

Suppose we are not only interested in the number of j-class errors committed by a forecaster, but also whether his errors were above or below the predictand mark. That is, e.g., if the predictand in a tercile classification were 'N', and the forecast error were of class 1, we would like to know specifically if it were either A or B. We now design a stochaster that will score a forecaster on the basis of such 'signed' errors. In this manner we supplement the significance tests of §3 by giving a way whereby we can determine if the forecaster tends on the average to over-or-undershoot the mark.

After going through the derivations of §3, the present derivation is relatively simple. (Refer to the first diagram of §2.) A *positive* [*negative*] *j-class* error $1 \leq j \leq r-1$ is committed if the prediction circle lies j indexes above [below] the predictand dot. For example, if the circle is in class 3 while the dot is in class 1, there is a positive 2-class error. Patterning our reasoning on that in §3A, we can see that $a_j(+)$, the probability of a positive j-class error, is

$$a_j(+) = \frac{(r-j)}{r^2} \qquad 0 \le j \le r-1 \tag{4.1}$$

and similarly

$$a_j(-) = \frac{(r-j)}{r^2} \qquad 0 \le j \le r-1 \tag{4.2}$$

is the probability of a negative j-class error. For example, if r=3, then $a_0=1/3$, $a_1(+)=a_1(-)=2/9$, $a_2(+)=a_2(-)=1/9$.

Our test for predictive symmetry in forecasting is supplied by the trinomial stochaster whose elementary probabilities are

$$a(0) = 1/r \tag{4.3}$$

$$a(+) = \sum_{j=1}^{r-1} a_j(+) = \tfrac{1}{2}(1-\tfrac{1}{r}) \tag{4.4}$$

$$a(-) = \sum_{j=1}^{r-1} a_j(-) = \tfrac{1}{2}(1-\tfrac{1}{r}) \tag{4.5}$$

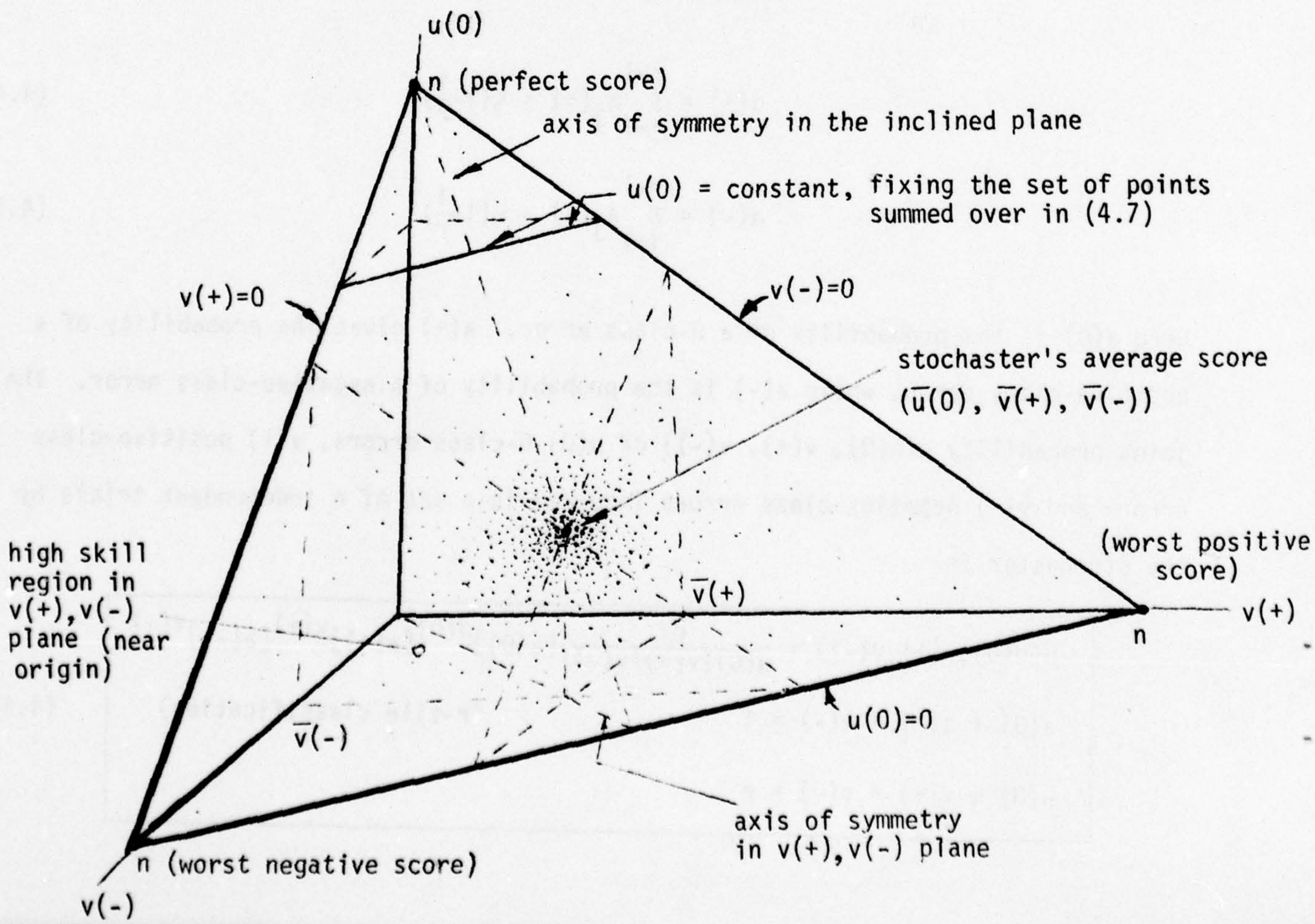
Here a(0) is the probability of a 0-class error. a(+) gives the probability of a positive-class error, while a(-) is the probability of a negative-class error. The joint probability p(u(0), v(+), v(-)) of u(0) 0-class errors, v(+) positive-class errors and v(-) negative-class errors incurred in a set of n independent trials by the stochaster is

$$\boxed{\begin{array}{ll} p(u(0),v(+),v(-)) = \dfrac{n!}{u(0)!v(+)!v(-)!}[a(0)]^{u(0)}[a(+)]^{v(+)}[a(-)]^{v(-)} & \\ a(0) + a(+) + a(-) = 1 & \text{(r-tile classification)} \\ u(0) + v(+) + v(-) = n & \end{array}} \tag{4.6}$$

It may be verified that we recover the form of $p_n(u)$ of (2.1) if we fix u(0) and sum p(u(0), v(+), v(-)) over all possible values of v(+), v(-). That is, suppose we fix u(0); then

$$p_n(u(0)) = \sum_{v(+)=0}^{n-u(0)} p(u(0), v(+), n-(u(0)+v(+))) \tag{4.7}$$

The process of summation may be visualized in the diagram below which gives an overview of the trinomial stochaster's domain.



We now have an axis of symmetry in the stochaster's domain, either on the tipped triangular area or in the v(+), v(-) plane, about which the stochaster's scores lie. For example, the expected (average) scores of the stochaster for the case n=99, r=3 are (na(0), na(+), na(-1)) = (33,33,33).

5. Forecaster vs the Multinomial Stochaster; (the concept χ^2)

We will now explicitly consider more than three j-class errors in our search for the significance of forecaster skills. Of course, we can no longer visualize the skills in simple geometric diagrams, but we gain instead a useful parameter, the χ^2 value, belonging to the forecaster's performance. We shall turn this parameter back into our preceding analyses to help solve the problem of ordering the skills when given in trinomial form. Thus the following excursion into the domain of the multinomial stochaster, while of possible interest in later studies, is actually our present means of introducing, in a natural way, the χ^2 quantity into the theory of the trinomial stochaster.

We return to the first diagram of §2 and let the stochaster perform an experiment of n independent prediction trials. Let $u_0, u_1, \ldots, u_{r-1}$ be respectively the number of 0, 1, ..., r-1 class errors he commits in that experiment. Let $a_0, a_1, \ldots, a_{r-1}$ by the elementary probabilities that he commits such errors, respectively. Values for these were derived in §3. Therefore we can in principle compute the joint probability for the r values u_j:

$$p(u_0,u_1,\ldots,u_{r-1}) = \frac{n!}{u_0!\,u_1!\,\ldots\,u_{r-1}!}\,a_0^{u_0}\,a_1^{u_1}\,\ldots\,a_{r-1}^{u_{r-1}}$$

$$u_0 + u_1 + \ldots + u_{r-1} = n \qquad \text{(r - tile classification)} \tag{5.1}$$

$$a_0 + a_1 + \ldots + a_{r-1} = 1$$

By approximating the factorials in this expression, using Sterling's formula, by writing

$$'x_j' \quad \text{for} \quad \frac{(u_j - na_j)}{(na_j)^{\frac{1}{2}}}, \tag{5.2}$$

and by making some further algebraic reductions, we find that, to good approximation,

$$p(u_0, u_1, \ldots, u_{r-1}) = (2\pi n)^{(1-r)/2}(a_0 a_1 \ldots a_{r-1})^{-\frac{1}{2}} \exp\{-\tfrac{1}{2}\sum_{i=0}^{r-1} x_i^2\} \tag{5.3}$$

In this way we condense all the j-class scores u_j into a single number of the form

$$\chi^2 \equiv \sum_{i=0}^{r-1} x_i^2 = \sum_{r=0}^{r-1} \frac{(u_j - na_j)^2}{na_j} \tag{5.4}$$

This quantity, as is well known,* is governed by the χ^2-distribution (using our r-tile notation):

$$T_{r-1}(\chi^2)\, d(\chi^2) = \frac{(\chi^2)^{(r-3)/2}\, e^{-\frac{1}{2}\chi^2}}{2^{(r-1)/2}\, \Gamma(\frac{r-1}{2})} \cdot d(\chi^2) \tag{5.5}$$

Since the u_j are constrained to add up to n, there are only r-1 degrees of freedom associated with(5.5).

For example, let n=99, r=3 and consider the signed errors of §3. Then a_0=1/3, a_1=4/9, a_2=2/9, and we now have

$$\chi^2 = \frac{(u-33)^2}{33} + \frac{(v-44)^2}{44} + \frac{(w-22)^2}{22} \tag{5.6}$$

and

$$T_2(\chi^2)\, d(\chi^2) = \tfrac{1}{2}\, e^{-\frac{1}{2}\chi^2}\, d(\chi^2)$$

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* See, e.g., Kenney, J. F., 'Mathematics of Statistics' (part two), D. Van Nostrand Co. N.Y. (1947) (7th printing). p167 has a particularly clear derivation of the χ^2 distribution's form from (5.3).

In this case we have two degrees of freedom.

Equation (5.6) gives the probability of occurrence of all those triples (u,v,w) with χ^2 values in the range $(\chi^2-\frac{1}{2}d(\chi^2),\ \chi^2+\frac{1}{2}d(\chi^2))$. Since (as we shall see below) the set of all (u,v,w) having exactly some fixed χ^2 value generates an ellipse in the uv plane of the diagram of §3, (5.6) gives the element of probability that the triples lie in an elliptical annulus defined by $\chi^2 \pm \frac{1}{2}d(\chi^2)$.

The approximation (5.6) must be examined for accuracy in our present work on the trinomial stochaster. This will be done in detail below (§7). But for the moment, we can view (5.6) as a possible tool for ranking the skill of a forecaster. In general, for a specified n, a_0, a_1, $a_{\overline{2}}$, we can form the quantity

$$\chi^2 = \frac{(u-\overline{u})^2}{\overline{u}} + \frac{(v-\overline{v})^2}{\overline{v}} + \frac{(w-\overline{w})^2}{\overline{W}} \tag{5.7}$$

where

$$\overline{u} = na_0,\ \overline{v} = na_1,\ \overline{w} = na_{\overline{2}}$$

and compute the probability of the value χ^2 associated with (u,v,w). One might expect that of two forecasts, the one with the greater χ^2 value is the better, since its u,v,w values would depart on the average more from the mere chance values $\overline{u},\overline{v},\overline{w}$ than the other forecast. Unfortunately, this is not generally correct. Mere departure from the chance point $(\overline{u},\overline{v},\overline{w})$ in the triangular score plane of §3 is not enough to insure high skill. As we have seen, triples near the point (n,0,0) are to be preferred by an ambitious forecaster. How to rank the skill value of points in the uv plane is an important and to some extent an elusive problem. It will be taken up next.

6. The Problem of Ranking Forecasting Skill in the Context of Trinomial Stochasters

We shall, in the present context of trinomial stochasters, explore several ways, all more or less objective, in which we can make a judgment that a forecast is good or bad.

A. χ^2 Ellipses and their associated probabilites

As we saw in §5, the χ^2 value associated with a performance triple (u,v,w) resulting from a forecast can in turn have an ellipse and a probability associated with it. Without going through all the mathematics (given in §7, below) we can understand the connection between the ellipse and its probability, as follows.

Let T be the set of all possible triples (u,v,w), $0 \le u,v,w \le n$, enclosed by the scoring pyramid of §3. Since u,v,w can take on only integral values between 0 and n inclusive, there are, in all, exactly (n+1)(n+2)(n+3)/6 such triples in T. (For example, in the case of n=99, the number of triples is 171,700.) Fortunately, we need not work with all these triples in T, by virtue of the sum constraint (u+v+w=n) on them. We may thus restrict our attention to a subset of them, say the u,v plane. This has only (n+1)(n+2)/2 points of interest (for example, in the case of n=99, the number of (u,v) pairs is 5050). Each of these points may be envisioned (cf the diagram in §3) as the projection of the triple (u,v,w), in the triangular plane, down onto its correspondent (u,v) in the uv plane. Some observations follow.

1) To each projected point (u,v) in the uv plane we may uniquely assign the probability of its associated point (u,v,w), as given by (3.2). For example by Table A (with a_0 =1/3, a_1=4/9, a_2=2/9,n=99) the point (33, 33, 33) has the probability .00017 and we assign this probability to (33, 33). The point (33, 44, 22) (the 'average' point) has probability .00880, and we assign this to (33, 44). Thus every point (u,v) in the uv plane has a probability, namely that of the unique point (u,v, n-(u+v)) above it on the triangular plane.

2) To every point (u,v) in the uv plane there is assignable via (5.7) a

unique χ^2 value, namely that of the unique point $(u,v,n-(u+v))$ above it (For example, for n=99, and r=3, with $a_0=1/3$, $a_1=4/9$, $a_2=2/9$, the point (33,33) has $\chi^2 = 8.2500$, and the point (33,44) (the 'average' point) has $\chi^2 = 0$). The set of points (u,v) in the uv plane having a χ^2 value not exceeding χ_0^2 form an approximately elliptical region about $(\bar{u},\bar{v})$, the average point, as center and with a well defined total probability. (For example, with n=99, r=3, $a_0=1/3$, $a_1=4/9$, $a_2=2/9$, if we set $\chi_0^2 = 1.4621$, it turns out that there are about 79 points within the ellipse associated with χ_0^2 (see Fig. 24) and moreover the sum of the probabilities of these 79 points, each probability reckoned via (3.2), comes to .50206.) Thus to each value of χ^2 we have assignable a probability, namely the sum of all probabilities of the points caught within the elliptical region defined by χ^2.

3) Examples of the χ^2-ellipses may be seen in Figs 26, 27, 28, 29. In particular, in Fig 26 we show the six ellipses associated with probabilities .50, .80, .90, .95, .98, .99 for the case of n=99, 4=3, and $a_0=1/3$, $a_1=4/9$, $a_2=2/9$. Thus, the outermost ellipse contains 99% of all the probability mass generated by the stochaster: that is, if the stochaster makes a large number, say 100 experiments at forecasting tercile values at 99 points with basic probabilities for 0, 1-, and 2-class errors given by 1/3, 4/9, 2/9, respectively, then on the average, 99 of his performance pairs (u,v) will fall within the ellipse. The ellipses in Fig 27 may be described in the same way, but now for the case n=99, r=5 (i.e., quintiles) for which $a_0=1/5$, $a_1=8/25$, $a_2=12/25$.

B. <u>Various performance regions in the trinomial domain</u>

We now may consider the problem of ranking skill scores, or of grouping them into regions of high or low skill. To fix ideas, consider Fig 2 which depicts the trinomial domain for the case of unsigned tercile errors (§3) in which n=99, $a_0=1/3$, $a_1=4/9$, $a_2=2/9$. u is measured along the horizontal axis, v along the vertical axis. The average point is $(\bar{u},\bar{v},\bar{w}) = (33,44,22)$. Point O is the projection (33,44) of this point on the uv plane. The line d-d therefore separates the total triangular region into two parts: those points (u,v) such that $u>33$ (have positive skill S_{99}; cf (1.1)) and those points such that $u<33$ (have negative skill S_{99}).

1) Suppose in Fig 2 we consider the region bounded by d-d, the heavy portion of the 95% ellipse, the u axis, and the diagonal line w=0. This is a roughly triangular region with a portion of an elliptical region removed. Any point (u,v) in this region has an associated χ^2 for which its probability is not less than .95. Hence we may at first believe that points in such a region are statistically significant. Of course, this is a mater of definition. However, we may not wish to consider points on or near d-d in this region as indicative of great skill in forecasting. For while such points may occur very infrequently (about 2½% of the time) a point such as (33,20) with only 33 correct predictions and 20 1-class errors (and hence 46 2-class errors) strikes one as indicative of rather mediocre skill. Nevertheless the region so defined is a candidate for high skill, and we can propose it for further study.

2) Consider next the triangular region in Fig 2 bounded by the line c-c, the diagonal line (w=0) and the u-axis. Call this region 'A'. Recalling our discussion in §2, we know that a score (u,v) with $u>41$ occurs only 5% of the time during a stochaster's attempts to predict. That is, the set of all points (u,v) in the domain with $u \geq 41$ has associated with it a total probability mass of .05. Notice, however, that there are points (u,v) along the dashed portion of c-c that fall rather deep within the 95% χ^2-ellipse. These particular points are clearly not significant on the 95% level relative to the partitioning of the plane by χ^2-ellipses.* This shows that using only u values to judge a skill (as in §2) may lead us to misjudge that skill. If we choose that subset of the total triangular

* Observe that there are many subsets of the total trinomial domain whose points have a total probability mass of nearly .95. The complement of A and the 95% ellipse under discussion are but two such subsets. One determines the confidence level of a subset by simply totaling the probability mass within it using Table A.

domain consisting of the smaller triangular region A bounded by c-c, less the segment of the 95% χ^2-ellipse, we would then have a set of points (u,v) associated with relatively high skill. The statistical significance of the subset would be slightly larger than 95%. (The exact increment of the value, which is near 1%, is not of interest here. It would be found by adding up the probabilities of the points in the elliptical segment removed from the c-c triangular region A. This can be done with the help of Table A.) Thus we have another well-defined candidate for a high-skill region, this one a bit more stringent than in 1) above.

3) The horizontal dashed line b is formed by cutting the pyramidal solid with a plane parallel to the uw plane at a value of v equal to 52, which is the 95% level for a binomial distribution* with probability of success equal to 4/9, i.e., a_1 of §3. The inclined dashed line b is formed by cutting the pyramidal solid with a plane parallel to the uv plane at a value of w equal to 29, which is the 95% level for a binomial distribution* with probability of success equal to 2/9, i.e., a_2 of §3. Together with the heavy portion of the 95% ellipse, these lines (even though they are generous in their restrictions) define a region of high skill somewhat more stringent than the preceding region. Obviously, a still more stringent region is that defined by a-a, since it contains still less probability mass within its region. Similar regions are defined in Fig 3 for the case of r=5.

C. <u>Examples of performance by forecasters</u>

1) Sprinkled throughout the domain of Fig 2 are fourteen points representing the scores of a forecaster denoted by 'A' in Table 1. These scores are the results of actual forecasts of temperature over the 99 points of the U.S. mainland depicted in Fig 1. For example, according to Table 1 the predictions of Winter '74 yielded u=42 correct predictions, v=37 1-class errors and w=20 2-class errors, and the associated (u,v) pair is denoted by '1' in Fig 2. Observe that point 1 is not

* See binomial probability Tables 11, 12.

significant in any of the three senses 1) - 3) defined above. Neither is point 7, associated with the summer of '75, significant. There are five points 2, 3, 9, 10, 14 that have negative skill and which, moreover, are not significant relative to the 95% contour. The set of six points 4, 5, 6, 8, 11, 12, however, are outside the 95% contour and are situated in high skill regions. In particular the three points 8, 6, 12, especially the latter two, are outstanding forecasts. Point 12, the second most outstanding of them all, was the temperature forecast of the infamous winter of '77. These points are outstanding because they have relatively high u values (number of correct predictions). Moreover their 2-class errors are very small by virtue of being situated near the w=0 line. In general we may say that the higher the u value and the smaller the w value the better the skill. But there are exceptions, and we shall explore this situation at the appropriate time later in this study (cf §6E).

2) Another way of looking at Forecaster A's performance is shown in Fig 4. Here the same fourteen points are displayed in the signed-error domain, as defined in §4. v(-), v(+) are along the horizontal and vertical axes, respectively. The regions of various stringency are defined as explained in the diagram. Thus the area of least stringency is defined by the axes and the line d-d. Here we are asking the Forecaster to merely perform better than chance in obtaining the number of correct scores u which are measured along the axis normal to the diagram. Recalling the perspective view of the scoring plane in §4, it is clear that the closer in toward the origin a forecaster's score lies, the better is his effort. Notice that Forecaster A's two outstanding performances (points 6, 12) stand closest to the origin. The scattering of the fourteen points is generally well balanced: six are in the overshoot region (above axis x), eight are below, indicating that Forecaster A's performance is generally not to over or under estimate in his forecasts. In this frame, eight points are considered significant and are circled. They all lie in the region bounded by the axes, c-c, minus the area in

the 95% ellipse. The region of highest stringency, that bounded by a-a, the 95% ellipse, and the axes, has only three points, 5, 6, 12. This situation should be compared with that of the three points 8, 6, 12 caught in the a-a region of Fig 2. This shows that measures of forecast significance, even in the present relatively objective setting, are near, but not quite, absolute. However, a way of ranking every pair of forecasts will be given below, and which can help remove this ambiguity (cf §6E).

3) The diagrams in Figs 3, 5 are exactly analogous to those in Figs 2, 4, but now for the quintiled-data case. These diagrams have been included here to point up the remarks made earlier that the trinomial scheme of gauging the skill of a forecaster can be made arbitrarily stringent. For example, according to Table 13, for the case of a binomial stochaster with probability of success 1/5, the 95% level of performance is 26 correct predictions out of 99. But suppose in such a quintiled setting we still demand 41 correct (as in the terciled setting of Table 10) to be the mark of a good forecaster. It is seen that u=41 in the context of Table 13 is virtually an impossibly high performance for a *stochaster*. However for an expert competing *forecaster*, u=41 in a quintile setting may not at all be impossibly high; it simply would set a relatively higher demand on that forecaster whose method has reached a state of development in which the terciled setting is not sufficiently stringent, not much of a challenge. This stringency manifests itself in Fig 3 by the closer proximity to the origin of the nested set of elliptical contours. Now, to get to the high u, low w places, the forecaster must exert himself considerably more to rise out of the bull's-eye of mediocrity.

D. Examples of forecaster vs stochaster

We shall now compare the relative performances of forecasters and stochasters in actual experiments at prediction of temperatures and precipitations over the U.S. mainland.

1) Table 1 gives performances of Forecaster A in terms of unsigned scores (u,v,w) and also in terms of signed scores (u(0), v(+), v(-)), as defined in §§3,4. For example, the prediction scores of Forecaster A for the winter of '74 are (42, 37, 20) = (u,v,w) for the unsigned errors and (42, 13, 44) = (u(0), v(+), v(-)) for the signed errors. The pertinent connections between these errors are given below the table. Thus v(+) is the sum of the positive 1- and 2-class errors, while v is the sum of the 1-class errors of positive and negative type. In a similar way we can interpret the remaining Tables 2, 3, 4 for forecasters B, C. D, respectively. All four forecasters were engaged in predicting the temperatures at the 99 points (of Fig 1) over the U.S. mainland for the fourteen seasons listed. These are summarized in Figs 7, 8, 9, 10. The results of their performances in predicting precipitation are summarized graphically in Figs 11, 12, 13, 14, and are tabulated in Tables 5, 6, 7, 8.

2) These latter four figures (11, 12, 13, 14) are worth studying in detail. A first impression is that Forecasters A and B are considerably superior to Forecasters C and D in forecasting precipitation. Of the latter two it appears that D has more points of positive skill than C. Forecaster C has no points in any of the areas of high skill defined in ¶¶ B, C above. Similarly for D, who just barely has a significant point (no. 3) to show for his efforts. Forecasters A and B, however, each have seven significant points: 2, 3, 4, 5, 8, 9, 10 for A and 1, 3, 4, 5, 10, 11, 12 for B. It is remarkable that four of the points they share, namely 3, 4, 5 and 10 lie in just about the same places in each diagram. Also note that each has a common point, namely 7, nearly dead center on the bull's-eye, meaning, of course, a shared poor prediction (the winter of '76). This leads us to conjecture that Forecasters A, B and Forecasters C, D belong to two different classes of ability, and each one in each group is comparable in skill to the other, namely A and B are of comparable skill while C, D are of comparable skill.

3) Turning to Figures 7, 8, 9, 10, we compare the skills of the same four forecasters, now in their attempts to predict temperatures over the 99 U.S. mainland points and over the fourteen seasons listed in Tables 1, 2, 3, 4. Once again Forecasters A, B show definite superiority over C, D. Indeed, Forecasters A,B each have six significant points in high skill areas: Forecaster A has points 4, 5, 6, 8, 11, 12 while B has points 3, 7, 8, 10, 11, 12. Forecaster A showed extraordinary skill at point 6 (spring '75), while B showed such skill at point 3 (summer '74). Forecaster C has points 5, 10, 13 as significant above the 95% level using the χ^2 criterion. However, observe that these are all of negative skill, showing that a high χ^2 value (such as may be encountered in a contingency table of classified observations and predictions) does not necessarily mean high skill. Forecaster D has point 10 above the 95% level, but its u value and v value are undistinguished.

4) In Figures 15, 16, 17, 18, the same temperature skills in Tables, 1, 2, 3, 4 for the four forecasters are plotted, now using signed errors (§4). Thus the information in Fig 7 for A is viewed in a new way in Fig 15. The first impression is that Forecaster A tends to have balanced forecasts on the whole: the number of over estimates above the symmetry axis is six while those below are eight. Forecaster B has the same split but in the opposite sense. To help judge the quality of skill of forecasters B, C, D, the reader may wish to lightly sketch in various regions of high skill, as defined in Fig 4, on the appropriate diagrams. The temperature skills viewed via signed errors in Figs 17, 18 are completely undistinguished. Forecaster C seems to have a scattering of eight significant points, but observe that they are not in the high skill areas. Once again, statistical significance in the χ^2 value doesn't imply quality forecasts.

5) The reader may by now have surmised that forecasters C, D are actually stochasters. We shall describe how they made their predictions.

Stochaster C had five dice before him. The faces that normally had numbers '1' and '2' were marked with 'B', the faces on each die normally marked with '3', '4', had 'N', and the faces normally marked with '5', '6' had 'A' in the case of temperature predictions. For precipitation 'A,N,B' were replaced by 'L,M,H'. To make a set of five predictions, the stochaster threw all five dice on a smooth flat table.* The symbols on the scattered dice were always read from left to right and recorded. Each such throw therefore produced five random predictions. The throws continued until an accumulation of 99 predictions had been made. Each of these 99 predictions was then compared with its correspondent for the particular season under study whose actual temperatures or precipitations (in tercile form) had been compiled and listed beforehand for each of the 99 stations. From this point-by-point comparison, the class errors were calculated and tabulated. This process of throwing dice and comparing these results with each of the 99 observed field values was repeated until all seasons had been gone through for each set of temperature and precipitation data.

Stochaster D had before him an urn containing nine white balls. Three of the balls had the symbol '0' inscribed on them; two had '+1', two had '-1'; and one had '+2' while another had '-2' inscribed on it. The numbers of balls for each symbol are the relative frequencies with which the j-class signed errors, $j = 0, \pm 1, \pm 2$ occur for terciled data (cf §4). To make predictions the stochaster drew a ball at random from the urn. If it had '0' on it, then it was recorded that he made a correct prediction; if it had '±1' or '±2' on it, he committed ±1-class or ±2-class errors, respectively for that draw and it was so noted. In all, for a given season he made 99 independent draws from the urn. At the end of the 99 draws the number and type of signed j-class errors were totaled. From these, the unsigned errors could be found. For example for season 1, Table 4 shows he had the score $(u,v,w) = (33, 46, 20)$, obtained from the signed errors as indicated below the table.

6) The differences in appearances between the scatter diagrams of C and D are readily explained: recall that C had a more open pattern than D, signifying

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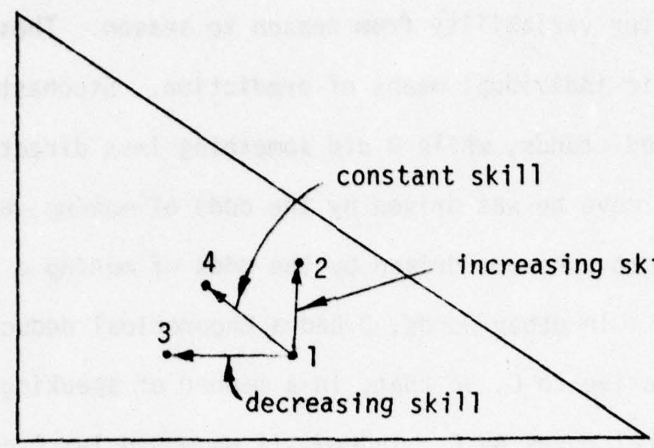
* There is no significance to the number of dice used; they simply were available from a popular game of chance.

more scatter, greater variability from season to season. These differences are clearly due to their individual means of prediction. Stochaster C worked directly with the actual predictands, while D did something less direct and more abstract: each time D made a move he was driven by the odds of *making an error*; by contrast each time C made a move he was driven by the odds of *making a specific prediction* (A, N, or B, e.g.). In other words, D had a theoretical deduction of a higher order built into him relative to C, so that, in a manner of speaking, each move by D was equivalent to several moves by C. Indeed, if we would let C continue indefinitely, his scatter patterns would relatively rapidly tighten like those of D and in the limit be described by the elliptical contours in the diagrams: 50% of his scores would eventually fall within the 50% contours, 80% within the 80% contours, and so on.

E. Ranking performances by moments and χ^2

We may supplement the χ^2 value of a score in judging skill by the following considerations.

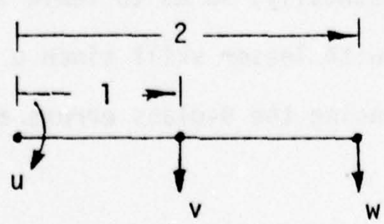
1) In the diagram below, point 1 is given in the uv plane. If on the one hand we rise vertically from 1 so as to leave u fixed, we go to a point 2 which is clearly associated with greater skill since v increases while w decreases; in other words, we are decreasing the 2-class errors and trading them in for 1-class errors, errors which are more palatable to the forecaster. On the other hand, if we move to the left of point 1, horizontally, so as to leave v fixed, we go to a point 3 which is clearly associated with lesser skill since u decreases while w increases; in other words, we are decreasing the 0-class errors and trading them in for 2-class errors.



There must then be an intermediate direction between that of segments 12 and 13, say 14, along which there is no change in the quality of skill. A moment's reflection would show that once we give numerical weights to the importances of the 1- and 2-class errors, this direction of constant skill is fixed. A natural assignment of weights may be made by defining the *moment* m of a trinomial score. We write

$$\text{'m' for } 0\cdot u + 1\cdot v + 2\cdot w$$

and call it the *moment of* (u,v,w) *about* u. We may envision the v and w scores as occurring on a lever



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thereby producing a turning moment; the values v, w act like masses and their distances 1, 2 respectively act like moment arms. The object of a forecaster is to minimize this moment, to bring it down to 0, ideally. The smaller m is, the better his performance. Since $u + v + w = n$, we can write

$$m = 2n - 2u - v \tag{6.1}$$

where n is the number of prediction locations, as usual. For a fixed n and m, (6.1) defines a straight line in the uv plane, namely

$$v = -2u + (2n-m) \tag{6.2}$$

along which the moments of the scores are constant, and hence, by agreement, the points (u,v) have equal quality in the moment sense.

2) As a result of this assignment of a *moment to each* (u,v) we can, with the help of the χ^2 ellipses (introduced in ¶ A) lay down a coordinate net over the trinomial uv domain. By means of this network, shown, e.g., in Fig 6, we can locate points and assign to them relative ranks of performance. For example, on Figs 6, 6a we have placed the average* points $(\hat{u},\hat{v})$ of the scores given in Tables 1-8. The average temperature scores are given on Fig 6, the average precipitation scores are on Fig 6a. It is seen that our earlier conclusions about the essentially equivalent skills of A and B and their superiority over C and D are graphically borne out using the present coordinate frame. The average points of A and B on Fig 6a lie essentially along the same moment line and on the same χ^2 curve. Each is clearly superior to C and D. However A and B find themselves between the 50% and 80% χ^2 ellipses, as may be seen by comparing with Fig 6b, in which the 50% - 99% ellipses are also drawn in for comparison. Thus, *on the average*, the performances of A and B are mediocre. These average points are also drawn in as the circled crosses in Figs 7-14. In the latter set, the standard deviation of each average score is shown by means of a

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* Thus $\hat{u}$ is the average of all u-points and $\hat{v}$ that of all v-points.

dashed circle with radius equal to the standard deviation and centered on the mean point. These statistics are summarized below Table 1. Observe that in these average temperature and precipitation tables, while A has a larger average $\hat{u}$ than B, our agreement to measure performances relative to χ^2 and m in Fig 6 shows that their performances are essentially the same. If an edge has to be given to one over the other, for the present accumulation of scores, A may be judged slightly superior, by looking at the m scores below Table 1 or closely at Fig 6 and seeing that, while A and B lie on the same χ^2 ellipse, A lies on a slightly lower moment line. At this stage of development of the prediction art, these differences are too small either to comfort or discourage A or B, respectively. Observe in particular that the average $\hat{u}$ score of A or B by itself places either forecaster quite close to the 95% level (cf Table 9). If, however, we look not only at the number of correct predictions, but also at the number of 1-class errors (and hence *implicitly the 2-class errors*) a new perspective on their performances is attained: *In general, a good average score should land in a high skill region and with a relatively small standard deviation circle.* Both forecasters therefore should be concerned with increasing their *average* $\hat{u}$ and $\hat{v}$ scores; it was these that placed them both in a rather undistinguished area of the skill diagram. Moreover, consistently predicting climate *variations* manifests itself in smaller (tighter) scatter diagrams.

Thus we now have a reasonably objective framework in which to gauge forecasting skill as actual scores begin to accumulate and scatter diagrams begin to fill in.

3) We may summarize the ranking procedure using m and χ^2 as follows

$$(u,v) = (u',v') \quad \text{if} \quad \begin{cases} \chi^2(u,v) = \chi^2(u',v') \\ m(u,v) = m(u',v') \end{cases}$$

$$(u,v) > (u',v') \quad \text{if} \quad \begin{cases} m(u,v) < m(u',v') \\ \quad \text{regardless of } \chi^2 \\ \text{or} \quad m(u,v) = m(u',v') \\ \text{and} \quad \chi^2(u,v) > \chi^2(u',v') \end{cases}$$

In other words, two pairs (u,v), (u',v') are of equal rank if their moments m and χ^2 values agree. Observe they need not be coincident to be of equal rank. Points C, D in Fig 6 are essentially equivalent. Also points 1, 2 are of equal rank. If the moments of two points agree, then we use χ^2 to break the deadlock, the one with the lesser probability of occurrence (higher χ^2) being of higher rank; e.g., point 2 is of greater rank than 3 in Fig 6. Therefore, in ranking points within a given region or set of points we give precedence to the moment of a score. This is clearly a convention (rather than a logical deduction) but one that is based on the intuitive interpretations of the scores u,v and their probabilities of occurrence. If a reader takes issue with this convention, then this means that he must (i) decide on a new relative weighting of v,w errors (and come up with an alternative to the moment m) and (ii) decide on the relative importance of the new m, and χ^2. It may be that these relative weights and relative importances would vary with location over the uv plane.

A word of advice can be made here, in conclusion: whatever one convenes as the method of ranking performances, fine differences and subtle nuances in scoring systems will be swept aside and be inessential in the face of truly superior or even just good forecasting. The present method of ranking appears to go far beyond what has already been used. Perhaps then it is time to turn to the really basic problem at hand, the problem of forecasting, to devote more energy to improving *that* art, and perhaps gauging such efforts with the basically adequate ranking scheme we now have at hand.

7. Construction of Tables A-E and EXP

The graphical scoring charts we have used in our studies above are based on some simple analytical geometry and on probability calculations. These latter calculations are summarized in Tables A-E and EXP. They represent a fresh look at the χ^2 quantity by calculating its values and their corresponding exact probabilities from the trinomial distribution for p(u,v,w) given in §3. In particular we compared the approximate probabilities of χ^2 as given by (5.5) with their exact counterparts given by (3.2) and saw that, except for certain noncritical regions in the uv plane, the classical cumulative probability distribution for χ^2 was adequate to serve as a base for our probability ellipses in the trinomial skill charts. We now discuss the construction of these tables for the benefit of those who may wish to explore analogous skill chart constructions for values of n and a_0, a_1, a_2 not specifically covered in this study.

A. Table A

One of the motivations of this calculation was simple curiosity: to see what the probability was for each of the 5050 possible triples (u,v,w) (ranging from (0, 0, 99) to (99, 0, 0) on the triangular scoring surface depicted in §3. Accordingly a computer was instructed to find p(u,v,w) via (3.2) to five significant figures for the tercile case: $a_0=1/3$, $a_1=4/9$, $a_2=2/9$, n=99. It turned out that many of the triples with low u values (≤ 14) and high u values (≥ 54) had probabilities far below 10^{-5}. Removing these from the computed list, we were left with 2644 triples whose probabilities or associated cumulative probabilities were 10^{-5} or greater. The range of these 2644 triples may be seen in graphic form in Fig 25, or directly in Table A, which begins with the triple (14,52,33) and ends with (54,35,10). The triples in Table A are arranged in 'alphabetical' order and may be visualized as progressing through the uv plane as shown in Fig 25. Along with (u,v,w) are given their χ^2 values (in the column marked 'X2'), their probabilities (marked 'P(A)'), and their cumulative probabilities (marked 'CUM P(A)'). In order to understand the connections with later tables, we summarize the present calculations as follows, using the column headings:

TABLE A:

(u,v,w)	X2	P(A)	CUM P(A)
(ordered)	(computed)	(computed)	(computed from P(A))

yields

As we progress through Table A, we observe the χ^2 values dipping in value, reaching a minimum, then rising again, over and over again. This may be explained graphically by looking at Fig 6 and imagining the paths taken through its domain as indicated schematically in Fig 25. As we start with (14,52,33) and move along the trajectory suggested in Fig 25, and at the same time keep an eye on the values of P(A), we see that CUM P(A) builds slowly, being fed invisibly by P(A) until, finally, at triple (23,38,38) the triples have probabilities larger than 10^{-5}, and which go on to swell to a maximum at (23,51,25) and then decrease down to 10^{-5} again at (23,63,13). All of this can be followed in imagination on Fig 25 by visualizing a probability haystack centered on (33,44) in the uv plane. Again and again the ordered triples (u,v,w) in Table A slice through the haystack, taking increasingly meatier chunks of probability as the vertical traverses in Fig 25 get closer to the u=33 slice. As this slice is traversed (see p(15) of Table A) we finally attain the maximum value of p(u,v,w) in the entire table at the average point (33,44,22), namely p(33,44,22) = .00880. At this point, as the cumulative probability tally shows, we have accumulated half of the total probability mass. After this, the slices cut through the lower slopes of the probability haystack, decreasing steadily in content until eventually, as the traverse of slice u=54 is made, the final readable contributions to the total mass are made.

B. Table B

For this table we ordered the χ^2 values, encountered in Table A, in increasing order. As these χ^2 values were ordered we simply carried along the associated triples (u,v,w) and P(A) values. The net result was a shuffled set of triples and probabilities. From the latter, as we went along, we added them up and formed CUM P(B):

TABLE B:

(u,v,w)	X2	P(A)	CUM P(B)
(shuffled)	(ordered)	(shuffled)	(computed from shuffled P(A))

yields

The net result, CUM P(B), could be visualized as an 'integration' of P(A) using a polar coordinate frame with (33,44,22) as center. As we progressed from smaller to larger χ^2 values we were sweeping up P(A) values in ever larger (essentially elliptical) regions about (33,44,22), and adding them together. Fig 24 shows the 50% ellipse enclosing about 79 points. These 79 points are represented by the first 79 entries of Table B from (33,44,22) to (31,41,27) at which the total probability mass accumulated was .50206. The χ^2 'radius' at this point is 1.4621. In this way we were able to associate to each χ^2 its *exact* associated cumulative probability. This was the primary purpose of Table B. By the time we had moved out to $\chi^2 = 76.0909$, we had essentially accumulated all probability mass (to within 10^{-5}), and could have truncated the table there. The region covered by the associated ellipse may be estimated from Figs 6 and 25. See in particular the points on Fig 25 for χ^2 near 75, 76.

C. Table C

This table is Table B now with ordered triples for easy look up of CUM P(B) at each (u,v,w):

TABLE C

(u,v,w) (ordered)	X2	P(A)	CUM P(C) (shuffled CUM P(B))

(as in Table A)

D. <u>Table D</u>

To see how well the χ^2-ellipses (to be constructed below) embraced the accumulating probability mass as we swept radially outward from the center (average) point (33,44,22), we returned to Table A and arranged P(A) in *decreasing* order. In *this way we nibbled outward from the center of the haystack*, accumulating probability in a natural way, going along the 'true' contours of the *discrete* haystack:

TABLE D

(u,v,w) (shuffled)	X2 (shuffled)	P(A) (decreasing order)	CUM P(C) (computed from decreasing order of P(A))

yields

To see what we had, we immediately made from this:

E. Table E

TABLE E

(u,v,w) (ordered)	X2	P(A)	CUM P(E) (shuffled CUM P(D))

(as in Table A)

A spot check was made at several points (u,v,w,) in the uv plane to see how well the cumulative probabilities agreed in Tables C and E. This would give a check on how well the χ^2 contours could describe the enclosed probability mass. The reader is invited to do the same. To start him off, consider the following selection of points

		CUM P(E)	CUM P(C)
a)	(33, 44, 22)	.00880	.00880
b)	(38, 40, 21)	.44133	.45115
c)	(40, 39, 20)	.65669	.66549
d)	(44, 36, 19)	.92697	.93879
e)	(48, 33, 18)	.99199	.99438

These points are shown on Fig 6 radiating outward from the origin. The agreement in cumulative probabilities is within one or two percent. Other checks along different lines show that we may use the χ^2 value as a radial index in terms of which, within a few percent, we may characterize the probability mass within the χ^2=constant elliptical contour. *This then supplied the rigorous basis for the nested elliptical contours in the skill score charts of this study.* Any further constructions wishing to use smooth elliptical contours to summarize constant-χ^2 regions of given probability mass must satisfactorily pass this test. Otherwise the exact constant-χ^2 contours, which will likely be somewhat irregular, must be found by detailed plotting.

F. Table EXP

As a matter of simple curiosity we wanted to see how closely the χ^2 distribution (5.5) approximated the exact trinomial probabilities yielded by (3.2). The form of (5.5) for the terciled trinomial case is obtained by setting r=3, resulting in

$$T_2(\chi^2)d(\chi^2) = \tfrac{1}{2}\, e^{-\frac{1}{2}\chi^2} d(\chi^2) \ , \tag{7.1}$$

a simple exponential in the variable χ^2. How well does (7.1) describe the present state of affairs? In Fig 23 we show a plot of the exact values of p(u,v,w) for various χ^2 values. For example, for $\chi^2=0$ we have from Table B the probability of P(33,33,22) as .00880, and is shown on Fig 23. For $\chi^2 \cong 1$-13, there are several triples associated with each value (cf. e.g., $\chi^2 = 1.0227$). The range of probabilities associated with each χ^2 is indicated by the vertical bar on Fig 23. This points up the important theoretical fact that $T_2(\chi^2)$ does not account for the multiple-valuedness of the exact χ^2 relation defined by Table B. Moreover, a plot of the exponential in (7.1) in Fig 23 does not coincide with the visually-fit exponential going through the mass of points from Table B.

To see how well the *cumulative* probabilities were given by (7.1), the computer was instructed to find

$$(\text{CUM EXP})_n \equiv \tfrac{1}{2} \sum_{i=1}^{n} \exp \left[\frac{-A_i}{2}\right] \Delta A_i , \qquad n \geq 1 \tag{7.2}$$

$$A_i = \chi_i^2 = (X2)_i$$

where n denotes the row of Table B. Here χ_i^2 is the ordered χ^2 entry in row i, and $\Delta A_i = A_i - A_{i-1}$, with $A_0=0$. The listing below compares CUM P(B) with (CUM EXP) as found in (7.2), which simulates the discrete indefinite integral of (7.1).

χ^2	CUM P(B)	CUM EXP
0	.00880	.00000
.0530	.02593	.02582
.1667	.06787-.07610	.07861
.2121	.09999-.10797	.09917
.3030	.14672-.15419	.13882
.5303	.23229-.23892	.22986
1.0227	.38958-.40544	.39524
1.5000	.51474-.52730	.52025
2.0076	.62822-.63176	.62341
3.0303	.78191-.78374	.76761
4.0530	.86759-.86883	.85401
5.0303	.92268-.92333	.90402
6.0000	.95200-.95343	.93455
7.0227	.96993-.97076	.95408
8.0076	.98150-.98167	.96551
9.0000	.98916-.98944	.97250
10.0076	.99351-.99360	.97682

This shows that the cumulative probabilities of χ^2 in the third column, as given by (7.1)-(7.2) are reasonably good approximations to the exact values. Strictly speaking, as we saw in Fig 23, there is no one triple associated with a χ^2 value, but actually several. Hence the exact displayed range of values of CUM P(B) for each χ^2. A similar comparison with CUM P(E) is possible, and shows the same degree of close agreement with CUM EXP. This indicates that for rough practical purposes we can use tables B, C, E, EXP interchangeably when assigning probabilities to χ^2. However, the exact table for this purpose is B or C. Table A is our basic table from which our numerical knowledge of p(u,v,w) springs.

8. Construction of the Skill Charts

The elliptical contours in the various figures in this study (as justified by the above results on Table C and Table E) may be found analytically as follows. Imagine the set of all points (u,v,w) in the scoring plane (cf diag. in §3) with a given fixed χ^2 value. Thus we imagine all (u,v,w) in the plane such that

$$\frac{(u-\bar{u})^2}{\bar{u}} + \frac{(v-\bar{v})^2}{\bar{v}} + \frac{(w-\bar{w})^2}{\bar{w}} = \chi^2 \quad (8.1)$$

where $\bar{u} = na_0,\ \bar{v} = na_1,\ \bar{w} = na_{\bar{2}}$

and a_0, a_1, $a_{\bar{2}}$ are defined in §3. Since

$$u + v + w = n \quad (8.2)$$

there is a corresponding set of points (u,v) in the uv plane having the same constant χ^2 value. Using (8.2) in (8.1) and solving for v as a function of u, we find

$$v = \frac{-\bar{v}}{\bar{v}+\bar{w}} \cdot (u-\bar{u}) + \bar{v} \pm b^{-1} \left\{(1-ab)(u-\bar{u})^2 + \bar{w}b\chi^2\right\}^{\frac{1}{2}} \quad (8.3)$$

where $a = 1+(\bar{w}/\bar{u}),\ b = 1+(\bar{w}/\bar{v})$

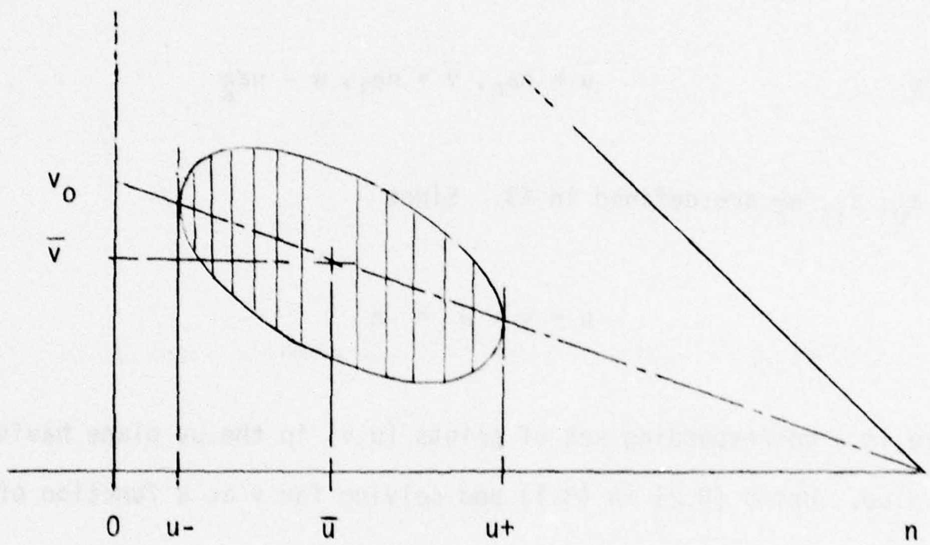
The plus sign describes the upper half, the minus sign the lower half of an ellipse centered on the straight line defined by

$$v = \frac{-\bar{v}}{\bar{v}+\bar{w}} \cdot (u-\bar{u}) + \bar{v} \quad (8.4)$$

This is the straight line through the average point $(\bar{u},\bar{v})$ and the point (n,0), the point of maximum skill in a trinomial diagram. The v intercept v_0 occurs where u=0. In the case of n=99, a_0=1/3, a_1=4/9, a_2=2/9, v_0 is given by:

$$v_0 = \bar{v} + \left(\frac{a_0 a_1}{1-a_0}\right)n = 44 + 22 = 66 .$$

A general sketch of the ellipses in the trinomial setting is given below. It is seen that the ellipses are vertically sheared about the line given by (8.4).



The horizontal limits $u_\pm$ of the ellipses in these diagrams are obtained by setting the term in curly brackets in (8.3) to zero and solving the resultant quadratic for u:

$$u_\pm = \bar{u} \pm \left\{ \frac{\bar{w}\, b\chi^2}{ab-1} \right\}^{\frac{1}{2}} \tag{8.5}$$

By construction, each vertical line ($u=u_\pm$) is tangent to its ellipse where the line (8.4) pierces the ellipse. A study of Table A shows that the line (8.4) is the locus of maximum probabilities observed by making vertical (const u) slices through the probability haystack based on the uv plane.

The formulations above serve also to define the ellipses in the signed error diagrams, such as in Fig 4. We simply make the following assignations in (8.1) and related equations and carry out the resultant forms of the calculations:

Unsigned errors		Signed errors
u, $\bar{u}$	pairs with	$v(-)$, $\bar{v}(-)$
v, $\bar{v}$		$v(+)$, $\bar{v}(+)$
w, $\bar{w}$		$u(0)$, $\bar{u}(0)$
a_0		$a(-)$
a_1		$a(+)$
a_2		$a(0)$

Finally, to assign a probability to χ^2 values for the purpose of labeling the ellipses with confidence level values, we used Table B as follows: we ran down the table until we encountered cumulative probabilities .50, .80, .90, .95, .98, and .99, and then simply picked off the corresponding χ^2 values, which are summarized below.

Cum prob.	Assoc. χ^2	From std. χ^2 tables (2d. f.)
50%	1.4621	1.386
80	3.2121	3.219
90	4.6667	4.605
95	5.9394	5.991
98	7.8030	7.824
99	9.1667	9.210

It can be seen that our exact χ^2 values agree closely with those obtained from standard (but approximate) χ^2 tables for two degrees of freedom. But this agreement is not generally known *a priori* for a given n and a_0, a_1, $a_{\overline{2}}$. For this reason, the cautious chart designer would go through essentially the procedures described in §7, to find not only his own particular χ^2 values for (say) the above probabilities but also to see if the ellipses themselves are adequate to describe the regions in the uv plane with constant χ^2 (recall the concluding remarks of §7E).

Final checks on the accuracy of our computer graphics are made in Figs 24, 25. In particular, note how closely the analytically defined ellipses follow the discretely determined points with constant χ^2.

9. Acknowledgments

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The computations of Tables A-E and EXP were done by Anthony Tubbs, as also were preliminary computer graphic versions of the skill diagrams. Ron Moe completed the computer graphic versions. The author programmed Tables 10-15. Karen Douglas programmed the Figures 6, 6a, 6b. Madge Sullivan compiled the original meteorologic data from which Tables 1, 2, 5, 6 were made. Eleanor Preisendorfer aided in operating the stochasters C and D leading to Tables 3, 4, 7, 8. Grace Johnston typed the report. Finally, I am grateful to Tim Barnett for helpful discussions during the course of research, and Jerry Namias for supplying the initial inspiration and continued encouragement for the study.

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TABLE 1

TERCILED TEMPERATURE

FORECASTER A

	SEASON	$u(0)$ $= u$	$v_1(+)$	$v_2(+)$	$v(+)$	$v_1(-)$	$v_2(-)$	$v(-)$	v	w
1	Wnt 74	42	13	0	13	24	20	44	37	20
2	Spr 74	27	19	5	24	28	20	48	47	25
3	Sum 74	30	30	11	41	21	7	28	51	18
4	Fal 74	44	15	5	20	28	7	35	43	12
5	Wnt 75	46	29	3	32	19	2	21	48	5
6	Spr 75	70	23	0	23	6	0	6	29	0
7	Sum 75	45	19	15	34	18	3	21	37	18
8	Fal 75	45	20	0	20	30	4	34	50	4
9	Wnt 76	23	8	1	9	40	27	67	48	28
10	Spr 76	30	30	5	35	23	11	34	53	16
11	Sum 76	43	41	6	47	8	1	9	49	7
12	Wnt 77	59	16	2	18	20	2	22	36	4
13	Spr 77	37	1	0	1	36	25	61	37	25
14	Sum 77	27	15	8	23	26	23	49	41	31

$v(+) = v_1(+) + v_2(+)$

$v(-) = v_1(-) + v_2(-)$

$v = v_1(+) + v_1(-)$

$w = v_2(+) + v_2(-)$

Forecaster's TEMPERATURE Average Scores

	$\hat{u}$	$\hat{v}$	s	m
A	40.5	43.3	14.9	73.7
B	36.1	48.4	16.4	77.4
C	31.3	46.7	8.4	88.7
D	33.6	42.1	6.0	88.7

Forecaster's PRECIPITATION Average Scores

	$\hat{u}$	$\hat{v}$	s	m
A	39.3	44.0	11.2	75.4
B	37.3	47.3	7.9	76.1
C	31.3	46.8	6.7	88.1
D	35.9	44.2	5.9	82.0

TABLE 2

TERCILED TEMPERATURE

FORECASTER B

	SEASON	$u(0) = u$	$v_1(+)$	$v_2(+)$	$v(+)$	$v_1(-)$	$v_2(-)$	$v(-)$	v	w
1	Wnt 74	29	31	1	32	23	15	38	54	16
2	Spr 74	38	9	0	9	31	21	52	40	21
3	Sum 74	62	20	0	20	16	1	17	36	1
4	Fal 74	19	26	22	48	21	11	32	47	33
5	Wnt 75	43	6	2	8	35	13	48	41	15
6	Spr 75	11	64	24	88	0	0	0	64	24
7	Sum 75	45	25	3	28	23	3	26	48	6
8	Fal 75	43	26	5	31	24	1	25	50	6
9	Wnt 76	33	14	1	15	44	7	51	58	8
10	Spr 76	45	26	3	29	24	1	25	50	4
11	Sum 76	47	25	13	38	13	1	14	38	14
12	Wnt 77	44	42	1	43	9	3	12	51	4
13	Spr 77	32	4	0	4	54	9	63	58	9
14	Sum 77	14	14	8	22	28	35	63	42	43

$v(+) = v_1(+) + v_2(+)$ $v = v_1(+) + v_1(-)$

$v(-) = v_1(-) + v_2(-)$ $w = v_2(+) + v_2(-)$

TABLE 3

TERCILED TEMPERATURE

FORECASTER C (target: actual predictand)

	SEASON	u(0) = u	$v_1(+)$	$v_2(+)$	v(+)	$v_1(-)$	$v_2(-)$	v(-)	v	w
1	Wnt 74	29	31	2	33	23	14	37	54	16
2	Spr 74	35	13	3	16	30	18	48	43	21
3	Sum 74	31	17	15	32	24	12	36	41	27
4	Fal 74	26	29	18	47	16	10	26	45	28
5	Wnt 75	31	23	4	27	32	9	41	55	13
6	Spr 75	34	31	21	52	13	0	13	44	21
7	Sum 75	30	25	15	40	20	9	29	45	24
8	Fal 75	41	16	11	27	26	5	31	42	16
9	Wnt 76	27	12	0	12	40	20	60	52	20
10	Spr 76	24	32	2	34	29	12	41	61	14
11	Sum 76	38	29	12	41	17	3	20	46	15
12	Wnt 77	38	31	15	46	13	2	15	44	17
13	Spr 77	29	10	4	14	26	30	56	36	34
14	Sum 77	25	15	8	23	31	20	51	46	28

$v(+) = v_1(+) + v_2(+)$ $\quad$ $v = v_1(+) + v_1(-)$

$v(-) = v_1(-) + v_2(-)$ $\quad$ $w = v_2(+) + v_2(-)$

TABLE 4

TERCILED TEMPERATURE

FORECASTER D (target: idealized predictand)

	SEASON	u(0) = u	$v_1(+)$	$v_2(+)$	v(+)	$v_1(-)$	$v_2(-)$	v(-)	v	w
1	Wnt 74	33	26	12	38	20	8	28	46	20
2	Spr 74	31	28	13	41	21	6	27	49	19
3	Sum 74	35	22	13	35	18	11	29	40	24
4	Fal 74	38	18	15	33	15	13	28	33	28
5	Wnt 75	35	24	11	35	20	9	29	44	20
6	Spr 75	33	24	15	39	21	6	27	45	21
7	Sum 75	33	19	9	28	25	13	38	44	22
8	Fal 75	36	26	11	37	18	8	26	44	19
9	Wnt 76	30	21	13	34	27	8	35	48	21
10	Spr 76	38	14	12	26	17	18	35	31	30
11	Sum 76	34	21	12	33	22	10	32	43	22
12	Wnt 77	34	24	16	40	13	12	25	37	28
13	Spr 77	32	20	14	34	21	12	33	41	26
14	Sum 77	28	22	8	30	22	19	41	44	27

$v(+) = v_1(+) + v_2(+)$

$v(-) = v_1(-) + v_2(-)$

$v = v_1(+) + v_1(-)$

$w = v_2(+) + v_2(-)$

TABLE 5

TERCILED PRECIPITATION

FORECASTER A

	SEASON	u(0) = u	$v_1(+)$	$v_2(+)$	v(+)	$V_1(-)$	$v_2(-)$	v(-)	v	w
1	Sum 74	38	23	11	34	20	7	27	43	18
2	Fal 74	49	15	7	22	24	4	28	39	11
3	Wnt 75	46	11	2	13	25	15	40	36	17
4	Spr 75	40	24	11	35	23	1	24	47	12
5	Sum 75	38	24	8	32	25	4	29	49	12
6	Fal 75	21	33	17	50	17	11	28	50	28
7	Wnt 76	37	33	15	48	9	5	14	42	20
8	Spr 76	43	22	9	31	20	5	25	42	14
9	Sum 76	52	16	5	21	25	1	26	41	6
10	Wnt 77	45	27	16	43	10	1	11	37	17
11	Spr 77	25	36	12	48	24	2	26	60	14
12	Sum 77	37	22	10	32	20	10	30	42	20

$v(+) = v_1(+) + v_2(+)$

$v(-) = v_1(-) + v_2(-)$

$v = v_1(+) + v_1(-)$

$w = v_2(+) + v_2(-)$

TABLE 6

TERCILED PRECIPITATION

FORECASTER B

	SEASON	u(0) = u	$v_1(+)$	$v_2(+)$	v(+)	$v_1(-)$	$v_2(-)$	v(-)	v	w
1	Sum 74	40	32	10	42	15	2	17	47	12
2	Fal 74	34	31	18	49	15	1	16	46	19
3	Wnt 75	46	26	6	32	17	4	21	43	10
4	Spr 75	43	18	3	21	33	2	35	51	5
5	Sum 75	37	24	4	28	29	5	34	53	9
6	Fal 75	32	30	18	48	14	5	19	44	23
7	Wnt 76	35	35	17	52	11	1	12	46	18
8	Spr 76	31	19	27	46	18	4	22	37	31
9	Sum 76	32	30	10	40	23	4	27	53	14
10	Wnt 77	46	29	11	40	10	3	13	39	14
11	Spr 77	37	44	6	50	9	3	12	53	9
12	Sum 77	35	26	2	28	29	7	36	55	9

$v(+) = v_1(+) + v_2(+)$

$v(-) = v_1(-) + v_2(-)$

$v = v_1(+) + v_1(-)$

$w = w_2(+) + v_2(-)$

TABLE 7

TERCILED PRECIPITATION

FORECASTER C (target: actual predictand)

	SEASON	u(0) = u	$v_1(+)$	$v_2(+)$	v(+)	$v_1(-)$	$v_2(-)$	v(-)	v	w
1	Sum 74	28	33	13	46	19	6	25	52	19
2	Fal 74	33	19	15	35	19	13	32	38	28
3	Wnt 75	29	18	7	25	28	17	45	46	24
4	Spr 75	35	18	7	25	26	13	39	44	20
5	Sum 75	31	26	8	34	27	7	34	53	15
6	Fal 75	34	23	9	32	24	9	33	47	18
7	Wnt 76	27	19	20	39	24	9	33	43	29
8	Spr 76	27	25	21	46	21	5	26	46	26
9	Sum 76	36	29	11	40	16	7	23	45	18
10	Wnt 77	34	27	20	47	13	5	18	40	25
11	Spr 77	35	31	5	36	20	8	28	51	13
12	Sum 77	26	20	8	28	37	8	35	57	16

$v(+) = v_1(+) + v_2(+)$

$v(-) = v_1(-) + v_2(-)$

$v = v_1(+) + v_1(-)$

$w = v_2(+) + v_2(-)$

TABLE 8

TERCILED PRECIPITATION

FORECASTER D (target: idealized predictand)

	SEASON	$u(0)$ $= u$	$v_1(+)$	$v_2(+)$	$v(+)$	$v_1(-)$	$v_2(-)$	$v(-)$	v	w
1	Sum 74	34	23	7	30	22	13	35	45	20
2	Fal 74	39	15	13	28	17	15	32	32	28
3	Wnt 75	41	26	3	29	20	9	29	46	12
4	Spr 75	34	25	7	32	24	9	33	49	16
5	Sum 75	35	20	10	30	23	11	34	43	21
6	Fal 75	34	25	15	40	20	5	25	45	20
7	Wnt 76	39	27	11	38	16	6	22	43	17
8	Spr 76	38	20	6	26	26	9	35	46	15
9	Sum 76	30	27	10	37	25	7	32	52	17
10	Wnt 77	38	20	14	34	21	6	27	41	20
11	Spr 77	33	18	11	29	23	14	37	41	25
12	Sum 77	36	23	10	33	24	6	30	47	16

$v(+) = v_1(+) + v_2(+)$ $\quad$ $v = v_1(+) + v_1(-)$

$v(-) = v_1(-) + v_2(-)$ $\quad$ $w = v_2(+) + v_2(-)$

TABLE 9

SKILL SCORES S
AND CRITICAL RATIOS C vs u
CASE OF n=99, p=1/3, $\bar{u}$=33, σ=4.69

u = No. Correct Predictions (0-class errors)	Skill Score $S_{99} = (u-\bar{u})(n-\bar{u})^{-1}$	Critical Ratio $C_{99} = (u-\bar{u})\sigma^{-1}$
15	-.273	
16	-.258	
17	-.242	
18	-.227	
19	-.212	
20	-.197	
21	-.182	
22	-.167	-2.34
(1%)		
23	-.152	-2.13
24	-.136	-1.92
25	-.121	-1.70
(5%)		
26	-.106	-1.49
27	-.091	-1.28
28	-.076	-1.07
29	-.061	- .853
30	-.045	- .640
31	-.030	- .426
32	-.015	- .213
(50%)		
33	.000	.000
34	+.015	+ .213
35	+.030	+ .426
36	+.045	+ .640
37	+.061	+ .853
38	+.076	+1.07
39	+.091	+1.28
40	+.106	+1.49
(95%)		
41	+.121	+1.70
42	+.136	+1.92
43	+.152	+2.13
(99%)		
44	+.167	+2.34
45	+.182	
46	+.197	
47	+.212	
48	+.227	
49	+.242	
50	+.258	
51	+.273	

Preface to Tables 10-15

These tables are included for the reader's convenience. In particular, 'K' can stand for u, v, or w, as the case may be, when specialized to the notation of this study. Thus, we have, for terciled data:

In Table 10	K corresponds to u,	P9K) to $p_{99}(u)$,
	CUM P(K) to $Q_{99}(u)$.	0.3333333333 = 1/3
In Table 11	K corresponds to v,	P(K) to $p_{99}(v)$,
	CUM P(K) to $Q_{99}(v)$,	.0.4444444444 = 4/9
In Table 12	K corresponds to w,	P(K) to $p_{99}(w)$
	CUM P(K) to $Q_{99}(w)$,	0.2222222222 = 2/9

Similarly, Tables 13, 14, 15 are for quintiled data, with K corresponding respectively to u, v, w, and

0.2000000000 = 1/5

0.3800000000 = 8/25

0.4800000000 = 12/25

Such tables are readily made up for other values of P and N.

TABLE 10

BINOMIAL PROBABILITIES

P(K) = [N!/K!(N-K)!][P**K][(1-P)**(N-K)]

N= 99
P= 0.3333333333

K	P(K)	CUM P(K)	1-CUM P(K)
14	0.00001	0.00001	0.99999
15	0.00002	0.00003	0.99997
16	0.00006	0.00010	0.99990
17	0.00016	0.00025	0.99975
18	0.00035	0.00061	0.99939
19	0.00075	0.00136	0.99864
20	0.00151	0.00287	0.99713
21	0.00284	0.00571	0.99429
22	0.00503	0.01074	0.98926
23	0.00842	0.01916	0.98084
24	0.01333	0.03249	0.96751
25	0.02000	0.05249	0.94751
26	0.02846	0.08095	0.91905
27	0.03848	0.11943	0.88057
28	0.04947	0.16890	0.83110
29	0.06056	0.22945	0.77055
30	0.07065	0.30010	0.69990
31	0.07862	0.37872	0.62128
32	0.08354	0.46226	0.53774
33	0.08480	0.54707	0.45293
34	0.08231	0.62938	0.37062
35	0.07643	0.70581	0.29419
36	0.06794	0.77375	0.22625
37	0.05784	0.83159	0.16841
38	0.04719	0.87877	0.12123
39	0.03690	0.91567	0.08433
40	0.02768	0.94335	0.05665
41	0.01991	0.96326	0.03674
42	0.01375	0.97701	0.02299
43	0.00911	0.98612	0.01388
44	0.00580	0.99192	0.00808
45	0.00354	0.99547	0.00453
46	0.00208	0.99755	0.00245
47	0.00117	0.99872	0.00128
48	0.00064	0.99936	0.00064
49	0.00033	0.99969	0.00031
50	0.00017	0.99985	0.00015
51	0.00008	0.99993	0.00007
52	0.00004	0.99997	0.00003
53	0.00002	0.99998	0.00002
54	0.00001	0.99999	0.00001

TABLE 11

BINOMIAL PROBABILITIES

P(K) = [N!/K!(N-K)!][P**K][(1-P)**(N-K)]

N= 99
P= 0.4444444444

K	P(K)	CUM P(K)	1-CUM P(K)
23	0.00001	0.00001	0.99999
24	0.00002	0.00002	0.99998
25	0.00004	0.00006	0.99994
26	0.00008	0.00014	0.99986
27	0.00018	0.00032	0.99968
28	0.00037	0.00069	0.99931
29	0.00073	0.00142	0.99858
30	0.00136	0.00278	0.99722
31	0.00242	0.00521	0.99479
32	0.00412	0.00933	0.99067
33	0.00669	0.01602	0.98398
34	0.01039	0.02641	0.97359
35	0.01544	0.04184	0.95816
36	0.02195	0.06379	0.93621
37	0.02990	0.09370	0.90630
38	0.03903	0.13273	0.86727
39	0.04884	0.18157	0.81843
40	0.05861	0.24018	0.75982
41	0.06747	0.30765	0.69235
42	0.07454	0.38219	0.61781
43	0.07905	0.46123	0.53877
44	0.08048	0.54172	0.45828
45	0.07869	0.62041	0.37959
46	0.07390	0.69432	0.30568
47	0.06667	0.76099	0.23901
48	0.05778	0.81877	0.18123
49	0.04811	0.86688	0.13312
50	0.03849	0.90537	0.09463
51	0.02958	0.93496	0.06504
52	0.02185	0.95680	0.04320
53	0.01550	0.97230	0.02770
54	0.01056	0.98286	0.01714
55	0.00691	0.98978	0.01022
56	0.00435	0.99412	0.00588
57	0.00262	0.99674	0.00326
58	0.00152	0.99826	0.00174
59	0.00084	0.99911	0.00089
60	0.00045	0.99956	0.00044
61	0.00023	0.99979	0.00021
62	0.00011	0.99990	0.00010
63	0.00005	0.99996	0.00004
64	0.00002	0.99998	0.00002
65	0.00001	0.99999	0.00001

TABLE 12

BINOMIAL PROBABILITIES

P(K) = [N!/K!(N-K)!][P**K][(1-P)**(N-K)]

N= 99
P= 0.2222222222

K	P(K)	CUM P(K)	1-CUM P(K)
6	0.00001	0.00001	0.99999
7	0.00004	0.00005	0.99995
8	0.00012	0.00016	0.99984
9	0.00034	0.00051	0.99949
10	0.00088	0.00139	0.99861
11	0.00204	0.00344	0.99656
12	0.00428	0.00772	0.99228
13	0.00819	0.01591	0.98409
14	0.01437	0.03028	0.96972
15	0.02327	0.05355	0.94645
16	0.03491	0.08846	0.91154
17	0.04869	0.13715	0.86285
18	0.06338	0.20052	0.79948
19	0.07719	0.27772	0.72228
20	0.08822	0.36594	0.63406
21	0.09482	0.46076	0.53924
22	0.09606	0.55682	0.44318
23	0.09188	0.64870	0.35130
24	0.08313	0.73183	0.26817
25	0.07125	0.80308	0.19692
26	0.05794	0.86102	0.13898
27	0.04476	0.90578	0.09422
28	0.03288	0.93867	0.06133
29	0.02300	0.96167	0.03833
30	0.01534	0.97700	0.02300
31	0.00975	0.98676	0.01324
32	0.00592	0.99268	0.00732
33	0.00343	0.99611	0.00389
34	0.00190	0.99802	0.00198
35	0.00101	0.99903	0.00097
36	0.00051	0.99954	0.00046
37	0.00025	0.99979	0.00021
38	0.00012	0.99991	0.00009
39	0.00005	0.99996	0.00004
40	0.00002	0.99998	0.00002
41	0.00001	0.99999	0.00001

TABLE 13

BINOMIAL PROBABILITIES

P(K) = [N!/K!(N-K)!][P**K][(1-P)**(N-K)]

N= 99
P= 0.2000000000

K	P(K)	CUM P(K)	1-CUM P(K)
5	0.00002	0.00002	0.99998
6	0.00007	0.00009	0.99991
7	0.00023	0.00032	0.99968
8	0.00067	0.00098	0.99902
9	0.00168	0.00267	0.99733
10	0.00378	0.00645	0.99355
11	0.00765	0.01410	0.98590
12	0.01403	0.02813	0.97187
13	0.02347	0.05160	0.94840
14	0.03605	0.08765	0.91235
15	0.05107	0.13871	0.86129
16	0.06702	0.20574	0.79426
17	0.08181	0.28755	0.71245
18	0.09317	0.38072	0.61928
19	0.09930	0.48002	0.51998
20	0.09930	0.57932	0.42068
21	0.09339	0.67271	0.32729
22	0.08278	0.75548	0.24452
23	0.06928	0.82476	0.17524
24	0.05485	0.87961	0.12039
25	0.04114	0.92075	0.07925
26	0.02927	0.95002	0.04998
27	0.01978	0.96980	0.03020
28	0.01272	0.98252	0.01748
29	0.00778	0.99030	0.00970
30	0.00454	0.99484	0.00516
31	0.00253	0.99737	0.00263
32	0.00134	0.99871	0.00129
33	0.00068	0.99939	0.00061
34	0.00033	0.99973	0.00027
35	0.00015	0.99988	0.00012
36	0.00007	0.99995	0.00005
37	0.00003	0.99998	0.00002
38	0.00001	0.99999	0.00001

TABLE 14

BINOMIAL PROBABILITIES

P(K) = [N!/K!(N-K)!][P**K][(1-P)**(N-K)]

N= 99
P= 0.3200000000

K	P(K)	CUM P(K)	1-CUM P(K)
13	0.00001	0.00001	0.99999
14	0.00003	0.00004	0.99996
15	0.00007	0.00010	0.99990
16	0.00017	0.00028	0.99972
17	0.00039	0.00067	0.99933
18	0.00084	0.00151	0.99849
19	0.00169	0.00321	0.99679
20	0.00319	0.00639	0.99361
21	0.00564	0.01204	0.98796
22	0.00941	0.02145	0.97855
23	0.01483	0.03628	0.96372
24	0.02210	0.05839	0.94161
25	0.03120	0.08959	0.91041
26	0.04179	0.13139	0.86861
27	0.05318	0.18456	0.81544
28	0.06435	0.24891	0.75109
29	0.07414	0.32305	0.67695
30	0.08140	0.40445	0.59555
31	0.08527	0.48972	0.51028
32	0.08527	0.57498	0.42502
33	0.08147	0.65645	0.34355
34	0.07442	0.73087	0.26913
35	0.06504	0.79591	0.20409
36	0.05441	0.85032	0.14968
37	0.04360	0.89392	0.10608
38	0.03348	0.92740	0.07260
39	0.02464	0.95203	0.04797
40	0.01739	0.96943	0.03057
41	0.01178	0.98120	0.01880
42	0.00765	0.98886	0.01114
43	0.00477	0.99363	0.00637
44	0.00286	0.99649	0.00351
45	0.00164	0.99814	0.00186
46	0.00091	0.99905	0.00095
47	0.00048	0.99953	0.00047
48	0.00025	0.99977	0.00023
49	0.00012	0.99990	0.00010
50	0.00006	0.99995	0.00005
51	0.00003	0.99998	0.00002
52	0.00001	0.99999	0.00001

TABLE 15

BINOMIAL PROBABILITIES

P(K) = [N!/K!(N-K)!][P**K][(1-P)**(N-K)]

N= 99
P= 0.4800000000

K	P(K)	CUM P(K)	1-CUM P(K)
27	0.00001	0.00001	0.99999
28	0.00003	0.00004	0.99996
29	0.00007	0.00011	0.99989
30	0.00014	0.00025	0.99975
31	0.00029	0.00054	0.99946
32	0.00058	0.00112	0.99888
33	0.00108	0.00220	0.99780
34	0.00193	0.00413	0.99587
35	0.00331	0.00744	0.99256
36	0.00543	0.01287	0.98713
37	0.00854	0.02142	0.97858
38	0.01286	0.03428	0.96572
39	0.01857	0.05285	0.94715
40	0.02571	0.07856	0.92144
41	0.03416	0.11272	0.88728
42	0.04354	0.15626	0.84374
43	0.05328	0.20954	0.79046
44	0.06259	0.27213	0.72787
45	0.07062	0.34275	0.65725
46	0.07652	0.41927	0.58073
47	0.07965	0.49893	0.50107
48	0.07965	0.57858	0.42142
49	0.07653	0.65510	0.34490
50	0.07064	0.72574	0.27426
51	0.06265	0.78839	0.21161
52	0.05338	0.84177	0.15823
53	0.04370	0.88547	0.11453
54	0.03436	0.91983	0.08017
55	0.02595	0.94578	0.05422
56	0.01882	0.96460	0.03540
57	0.01311	0.97771	0.02229
58	0.00876	0.98647	0.01353
59	0.00562	0.99209	0.00791
60	0.00346	0.99555	0.00445
61	0.00204	0.99759	0.00241
62	0.00115	0.99874	0.00126
63	0.00063	0.99937	0.00063
64	0.00033	0.99969	0.00031
65	0.00016	0.99986	0.00014
66	0.00008	0.99993	0.00007
67	0.00003	0.99997	0.00003
68	0.00002	0.99998	0.00002
69	0.00001	0.99999	0.00001

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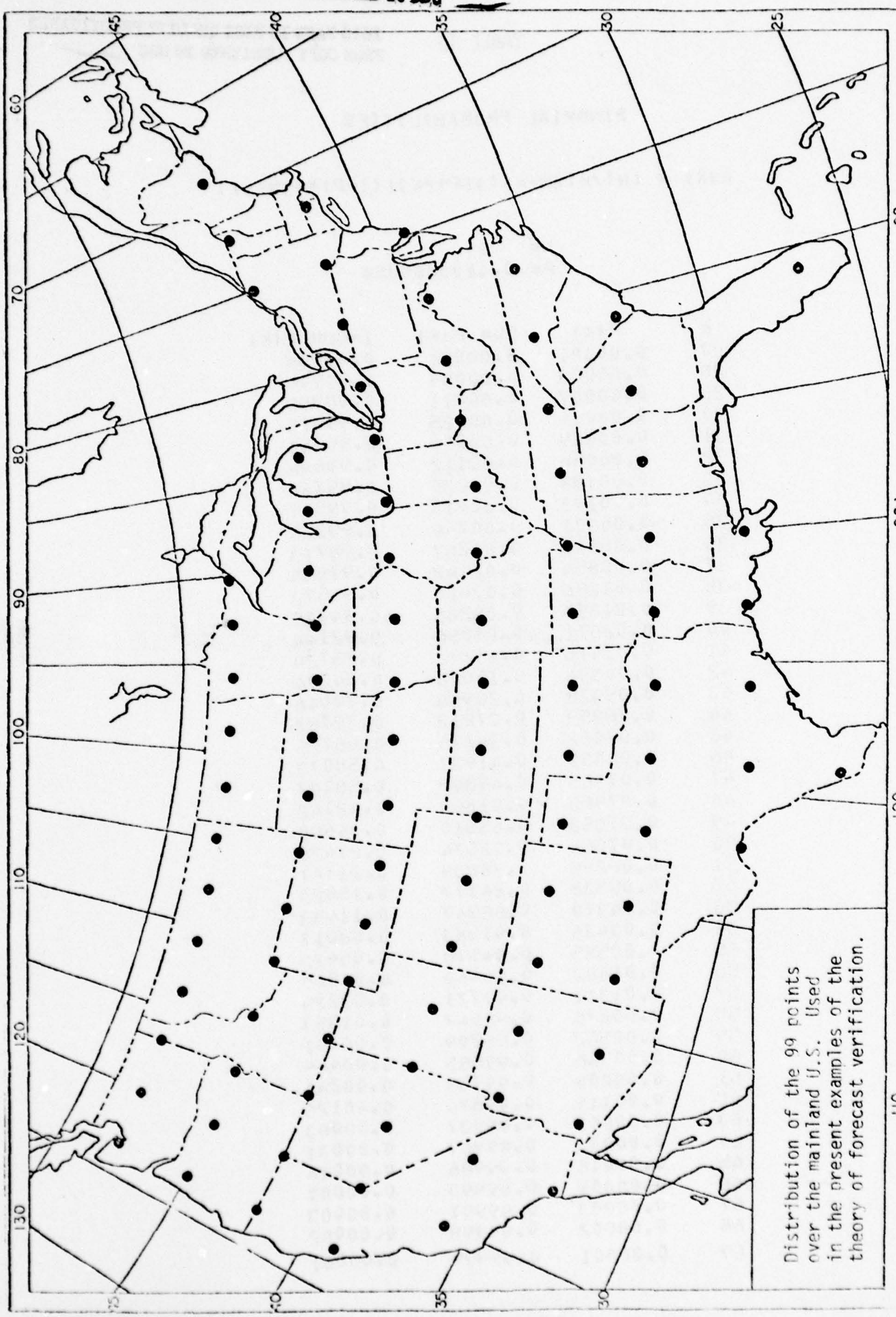
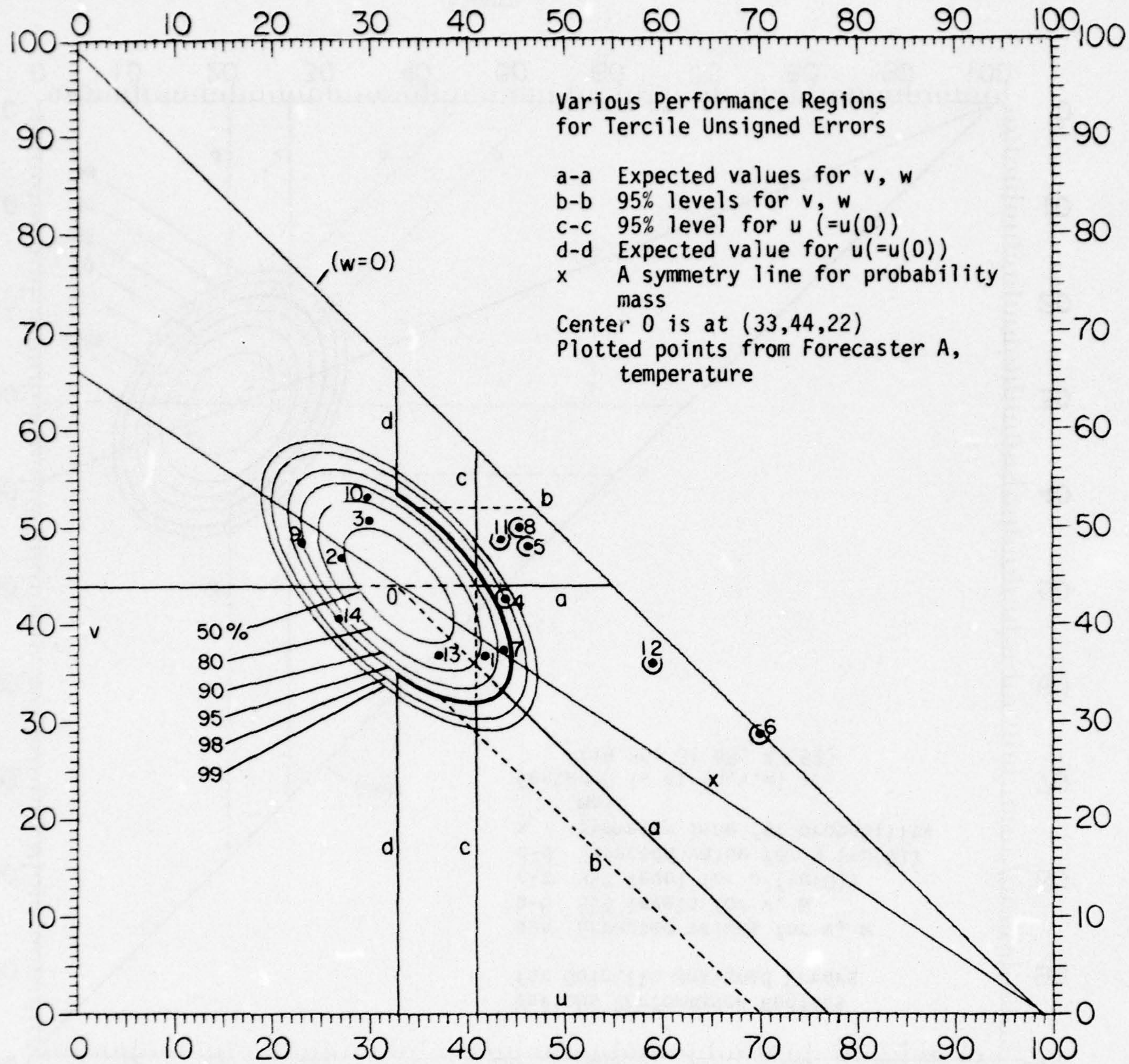


Distribution of the 99 points over the mainland U.S. Used in the present examples of the theory of forecast verification.

Figure 1



Various Performance Regions
for Tercile Unsigned Errors
a-a Expected values for v, w
b-b 95% levels for v, w
c-c 95% level for u (=u(0))
d-d Expected value for u(=u(0))
x A symmetry line for probability mass
Center 0 is at (33,44,22)
Plotted points from Forecaster A, temperature
(w=0)
50%
80
90
95
98
99
v
u

Figure 2

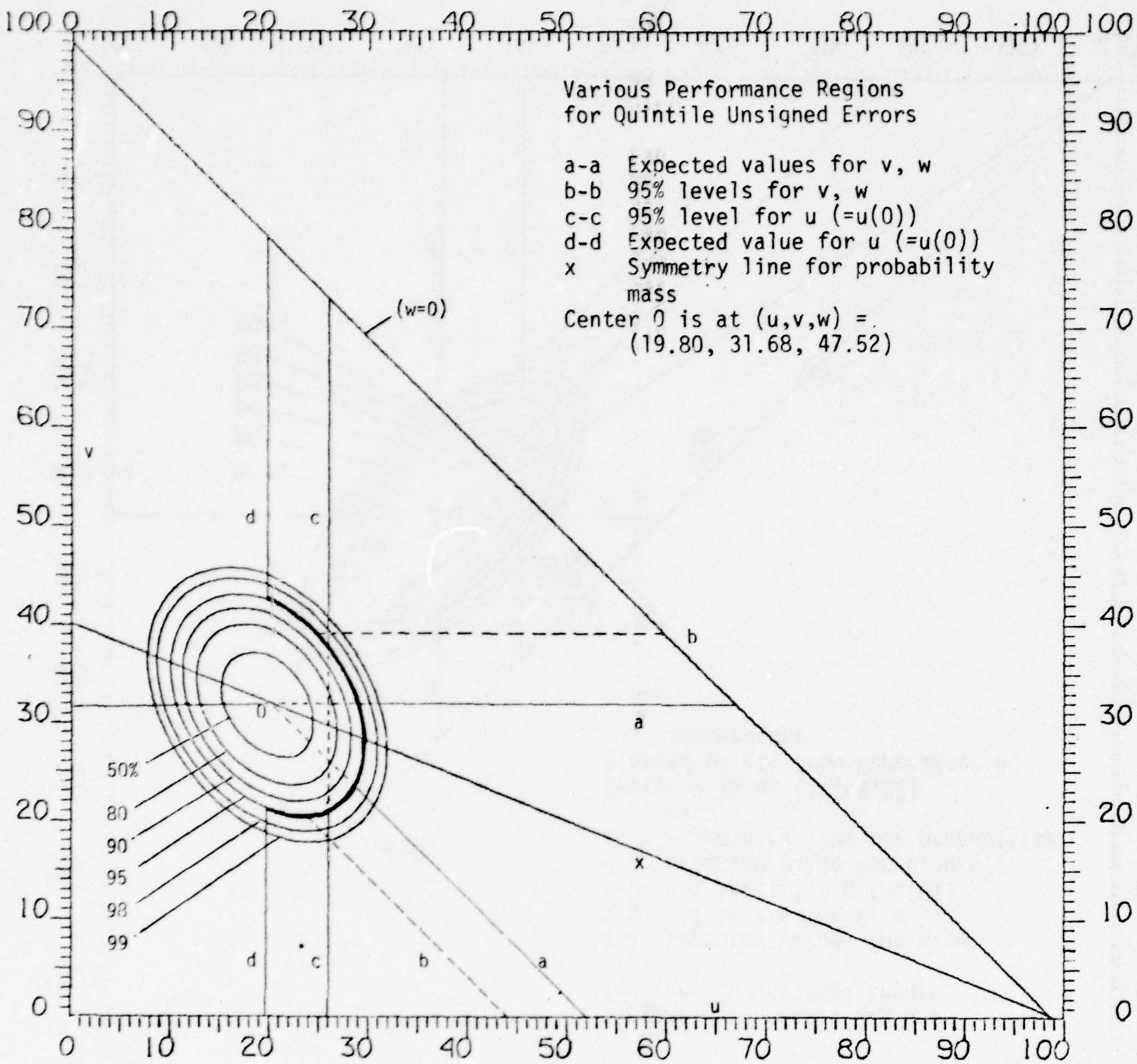

Various Performance Regions
for Quintile Unsigned Errors
a-a Expected values for v, w
b-b 95% levels for v, w
c-c 95% level for u (=u(0))
d-d Expected value for u (=u(0))
x Symmetry line for probability mass
Center 0 is at (u,v,w) = (19.80, 31.68, 47.52)
(w=0)
v
u
50%
80
90
95
98
99

Figure 3

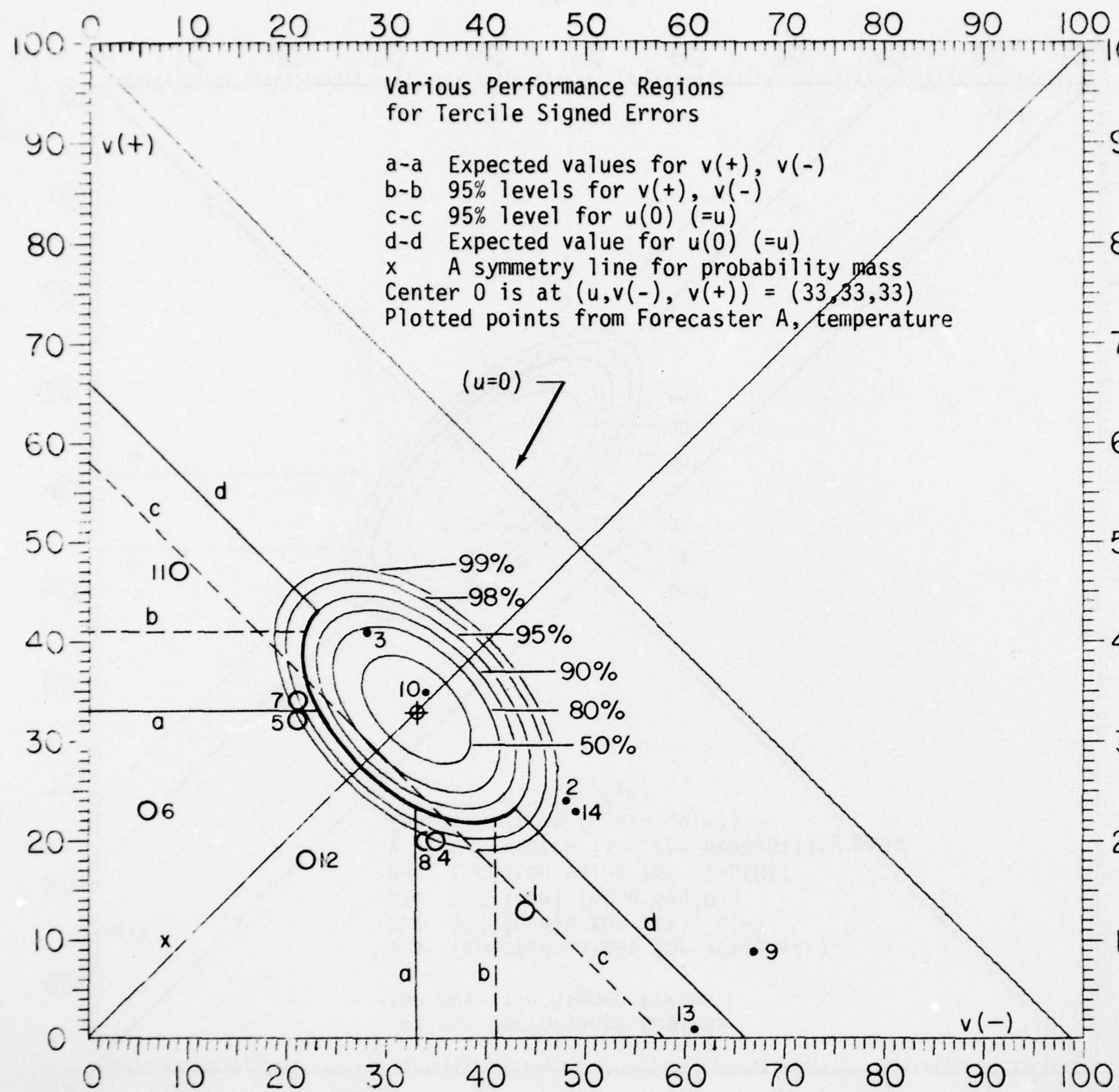

Various Performance Regions
for Tercile Signed Errors
a-a Expected values for v(+), v(-)
b-b 95% levels for v(+), v(-)
c-c 95% level for u(0) (=u)
d-d Expected value for u(0) (=u)
x A symmetry line for probability mass
Center O is at (u,v(-), v(+)) = (33,33,33)
Plotted points from Forecaster A, temperature
(u=0)
v(+)
v(-)
99%
98%
95%
90%
80%
50%
a
b
c
d
x
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0
10
20
30
40
50
60
70
80
90
100

Figure 4

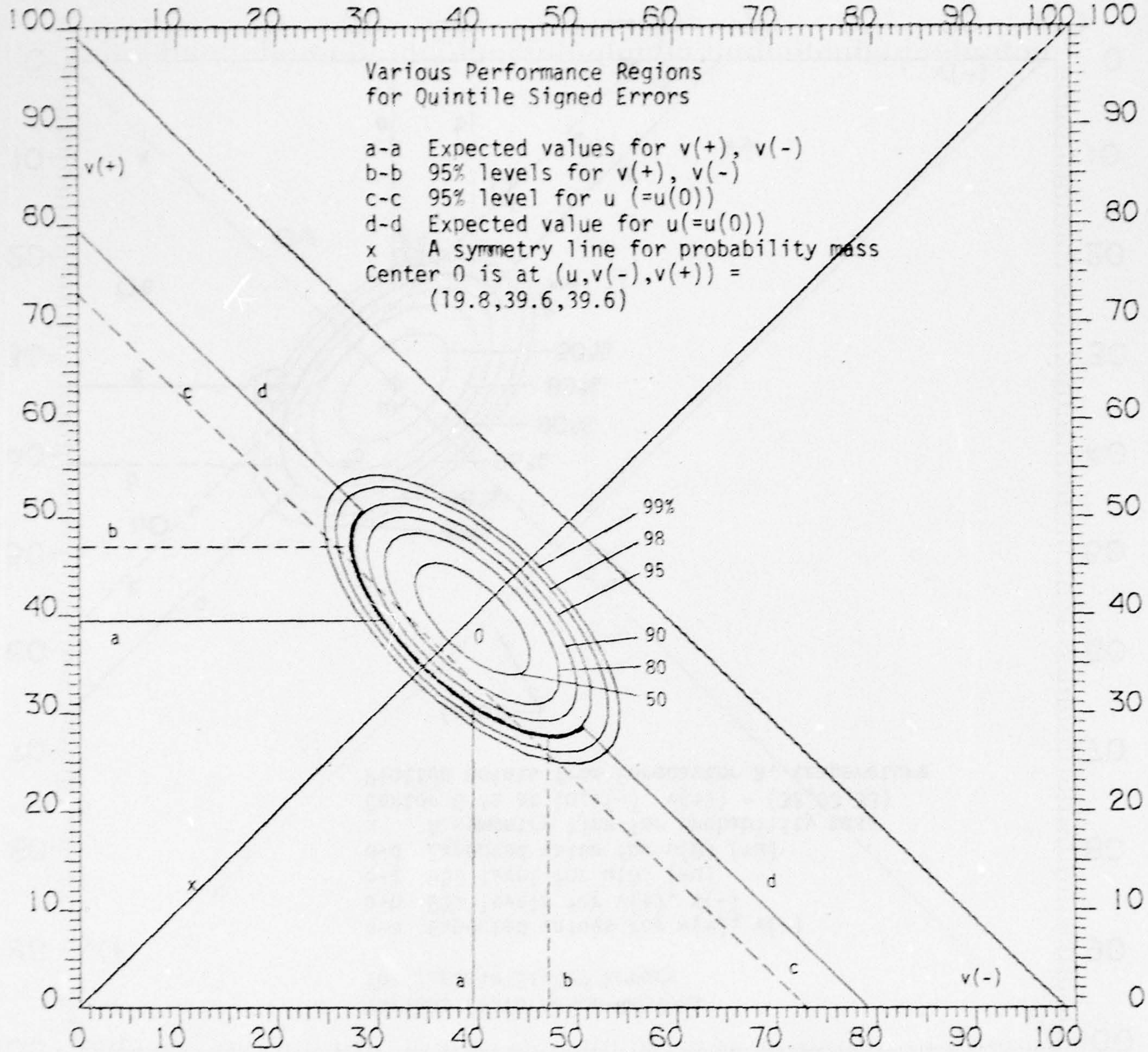
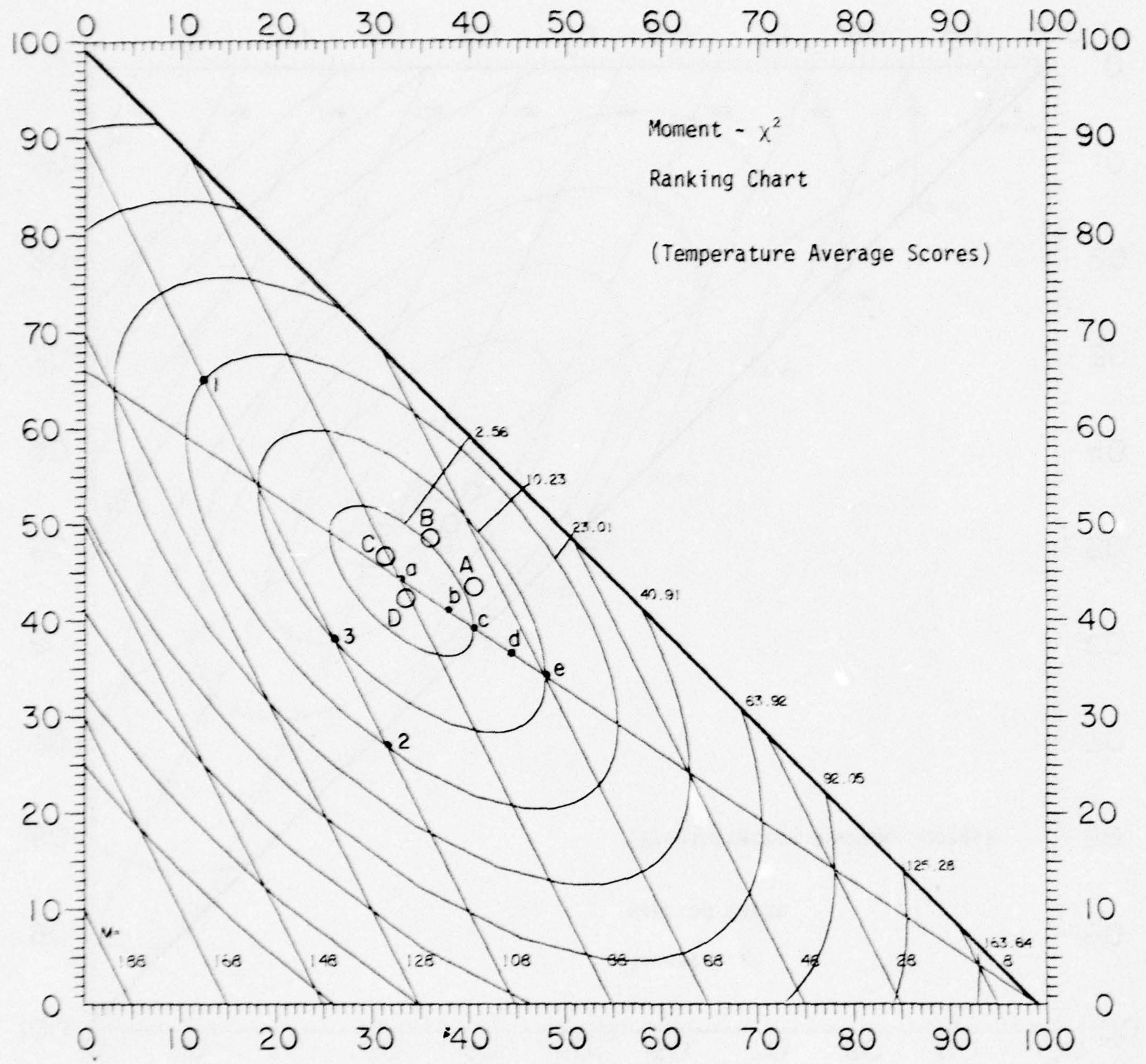

Various Performance Regions
for Quintile Signed Errors
a-a Expected values for v(+), v(-)
b-b 95% levels for v(+), v(-)
c-c 95% level for u (=u(0))
d-d Expected value for u(=u(0))
x A symmetry line for probability mass
Center 0 is at (u,v(-),v(+)) =
(19.8,39.6,39.6)
v(+)
v(-)
99%
98
95
90
80
50
0
a
b
c
d
x
0
10
20
30
40
50
60
70
80
90
100

Figure 5



Moment - χ^2
Ranking Chart
(Temperature Average Scores)
2.56
10.23
23.01
40.91
63.92
92.05
125.28
163.64
A
B
C
D
a
b
c
d
e
1
2
3
188
168
148
128
108
88
68
48
28
8

Figure 6

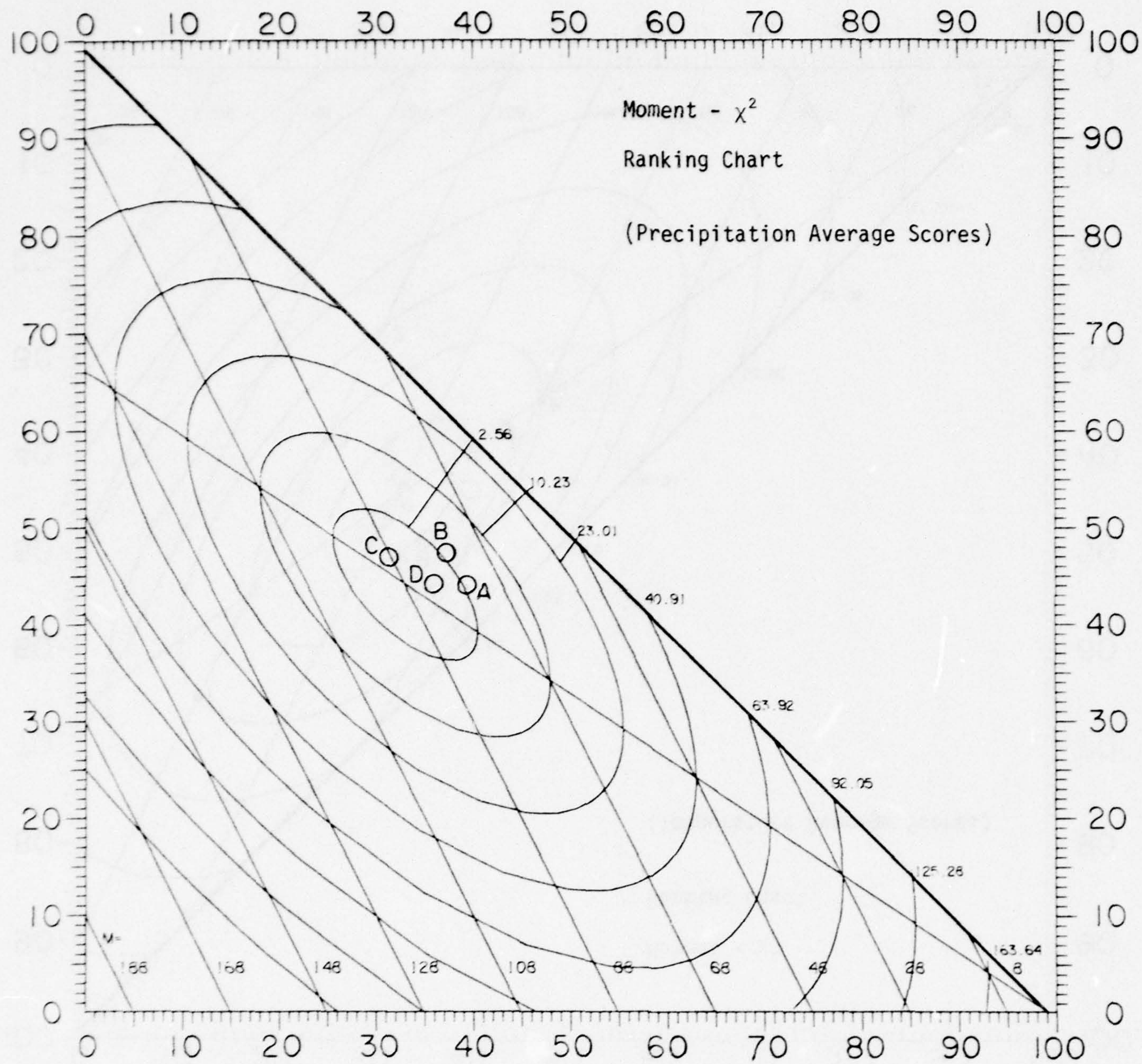
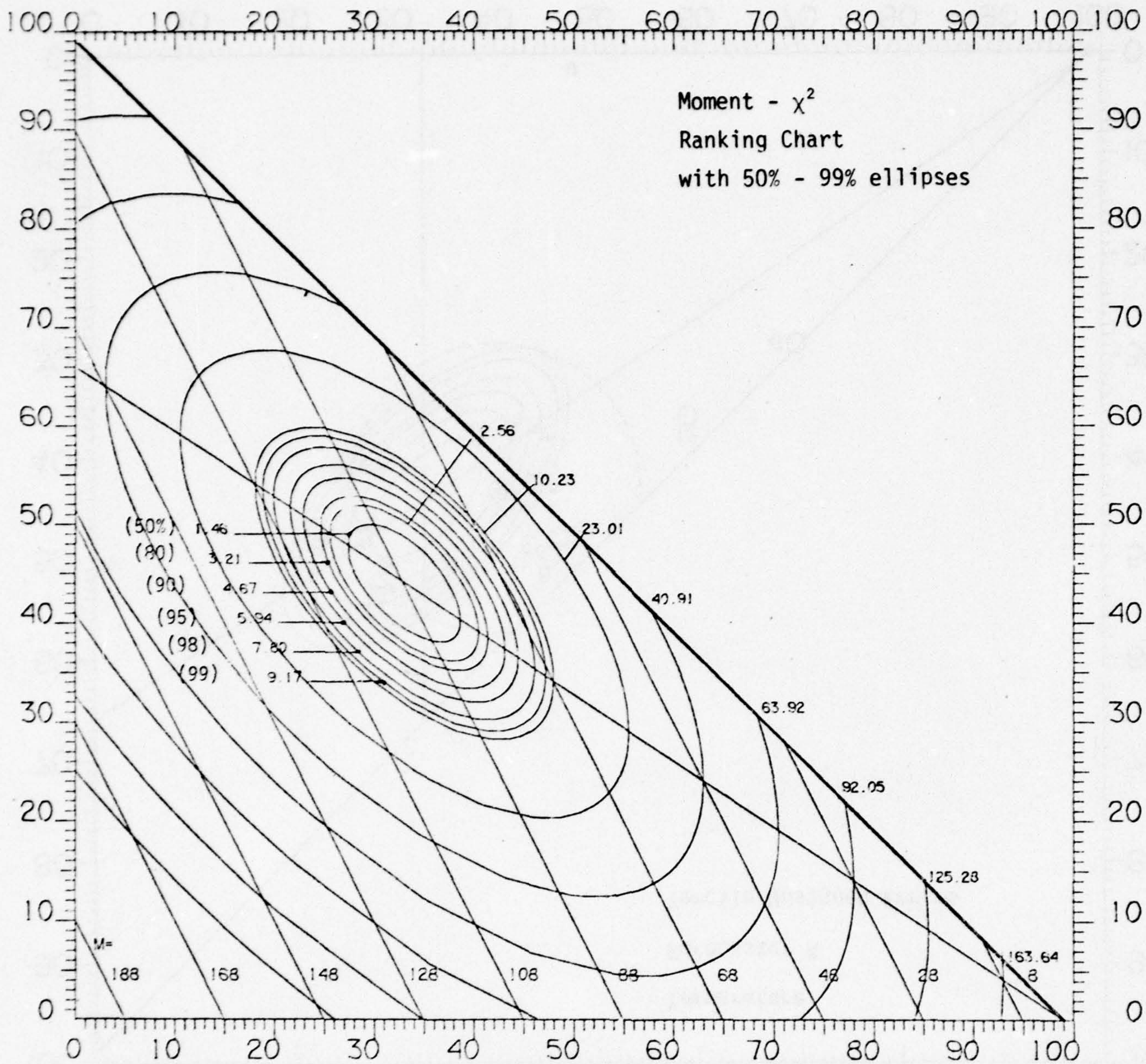

Moment - χ2
Ranking Chart
(Precipitation Average Scores)
2.56
10.23
23.01
40.91
63.92
92.05
125.28
163.64
B
C
D
A
188
168
148
128
108
88
68
48
28
8
M=
0
10
20
30
40
50
60
70
80
90
100

Figure 6a



Moment - χ²
Ranking Chart
with 50% - 99% ellipses
(50%) 1.46
(80) 3.21
(90) 4.67
(95) 5.94
(98) 7.82
(99) 9.17
2.56
10.23
23.01
42.91
63.92
92.05
125.28
163.64
M=
188
168
148
128
108
88
68
48
28
8

Figure 6b

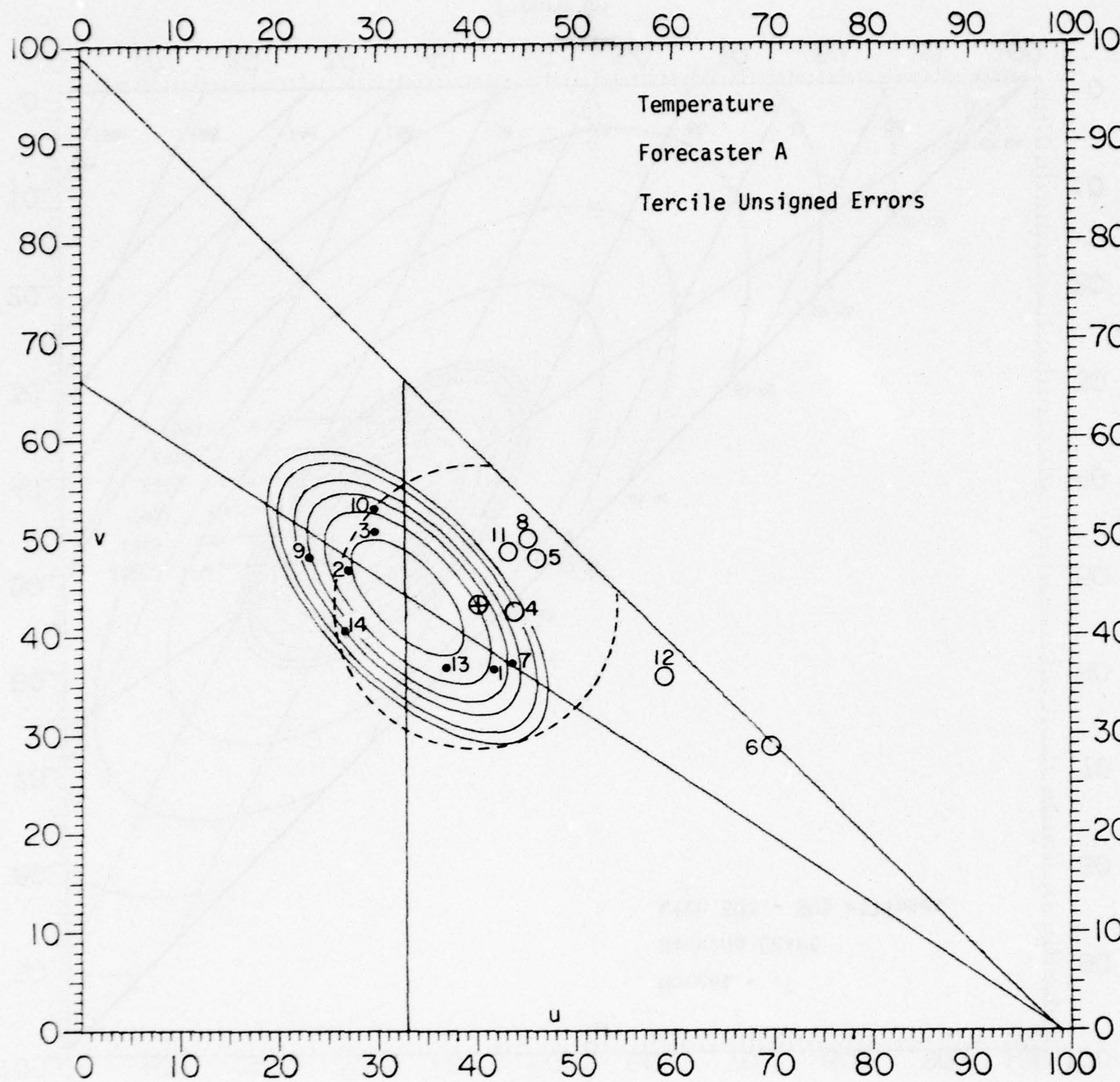
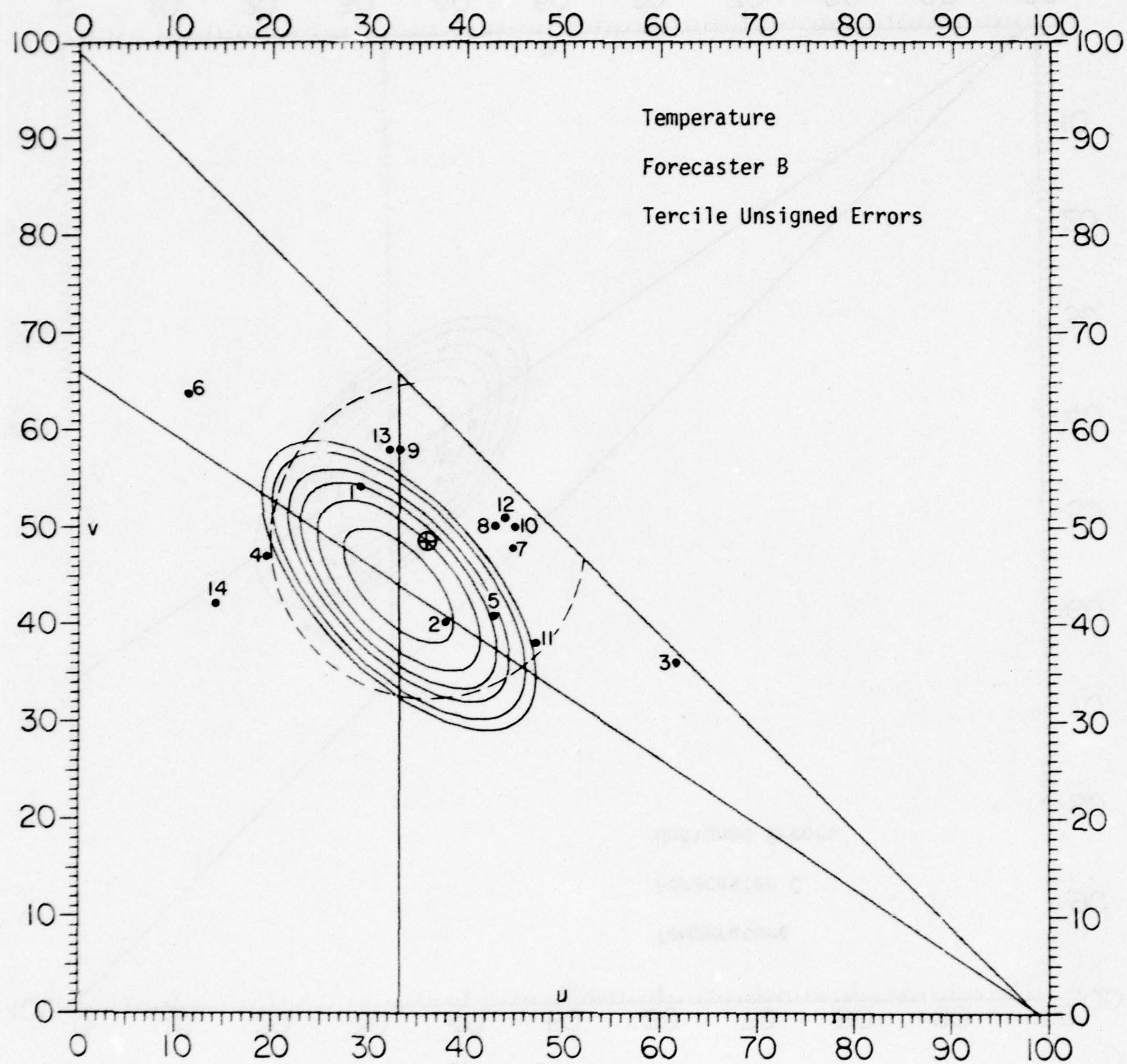

Temperature
Forecaster A
Tercile Unsigned Errors
v
u
0
10
20
30
40
50
60
70
80
90
100
1
2
3
4
5
6
7
8
9
10
11
12
13
14

Figure 7


Temperature
Forecaster B
Tercile Unsigned Errors
v
u
0 10 20 30 40 50 60 70 80 90 100
1 2 3 4 5 6 7 8 9 10 11 12 13 14
Figure 8

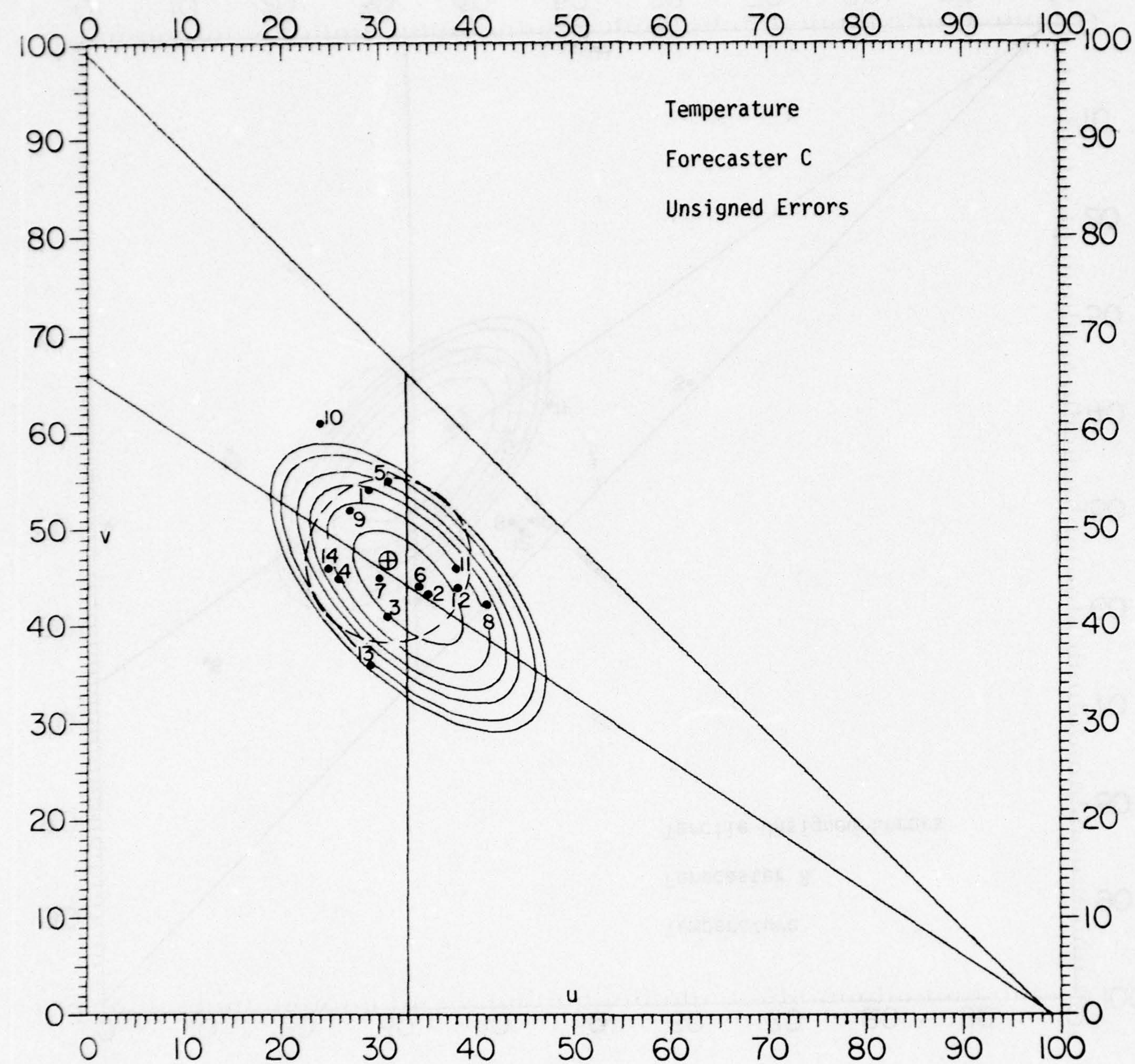

Temperature
Forecaster C
Unsigned Errors
u
v
0
10
20
30
40
50
60
70
80
90
100
1
2
3
4
5
6
7
8
9
10
11
12
13
14

Figure 9

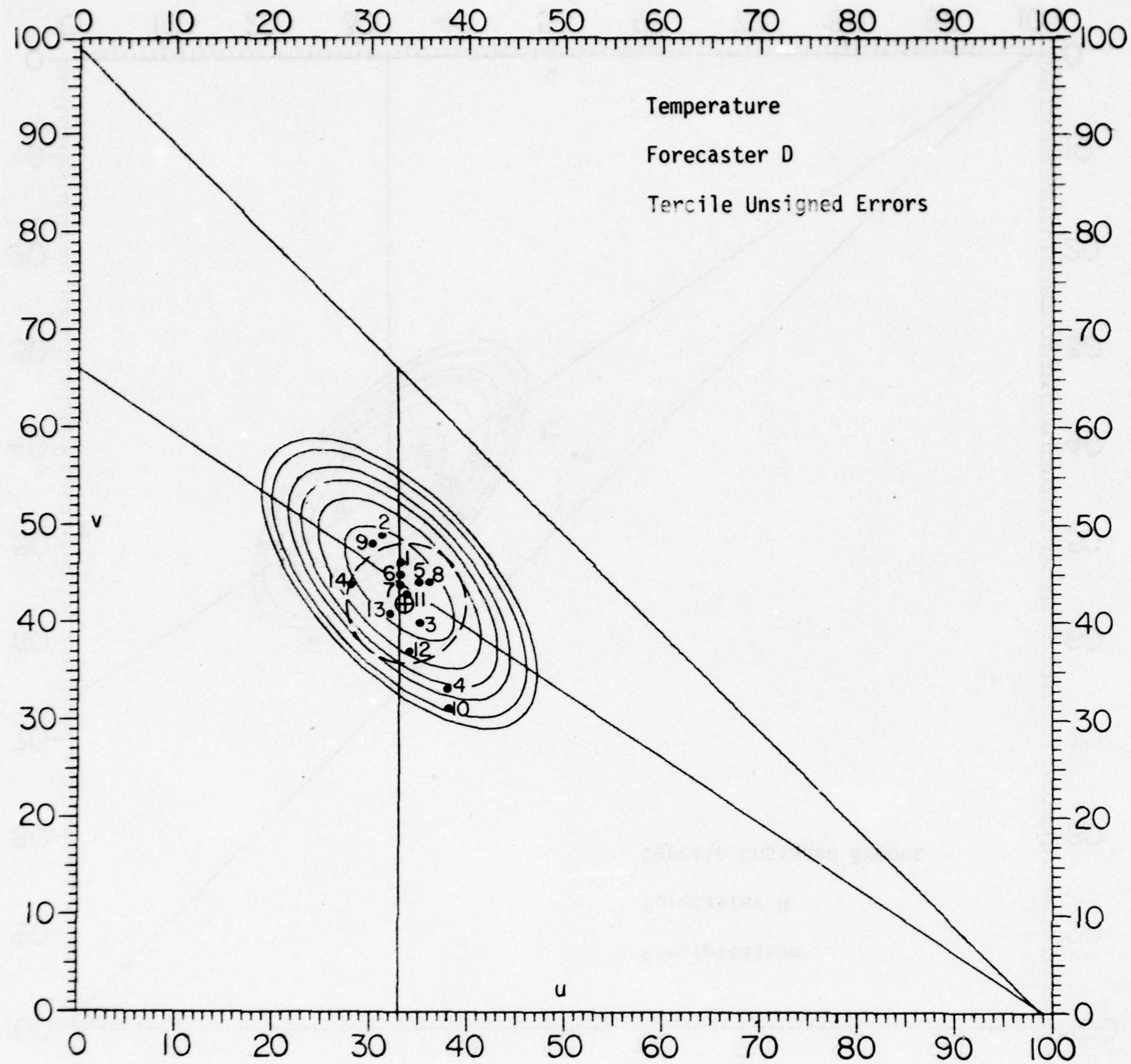


Figure 10

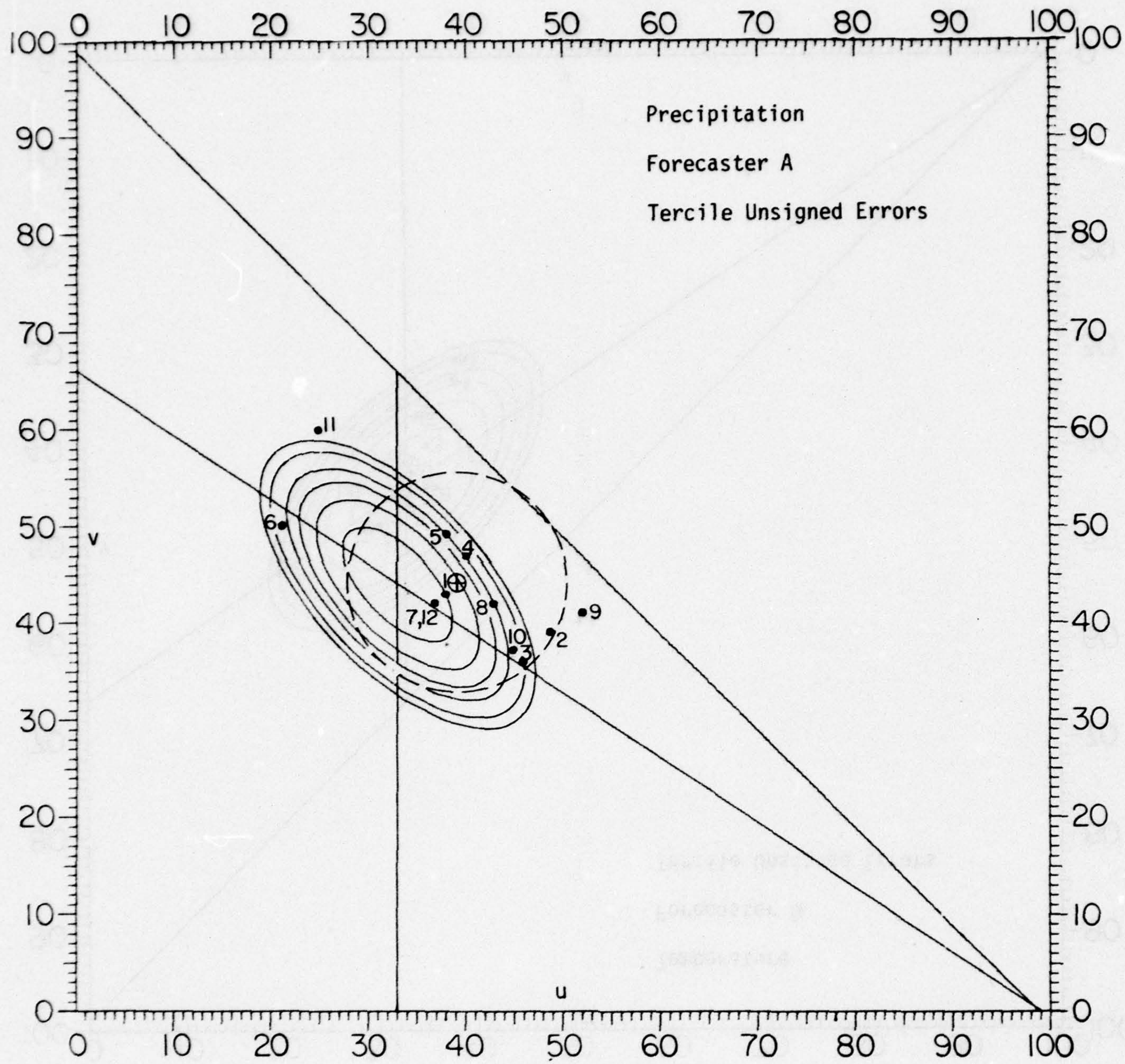

Precipitation
Forecaster A
Tercile Unsigned Errors
v
u
0
10
20
30
40
50
60
70
80
90
100
11
6
5
4
1
7,12
8
10
3
2
9

Figure 11

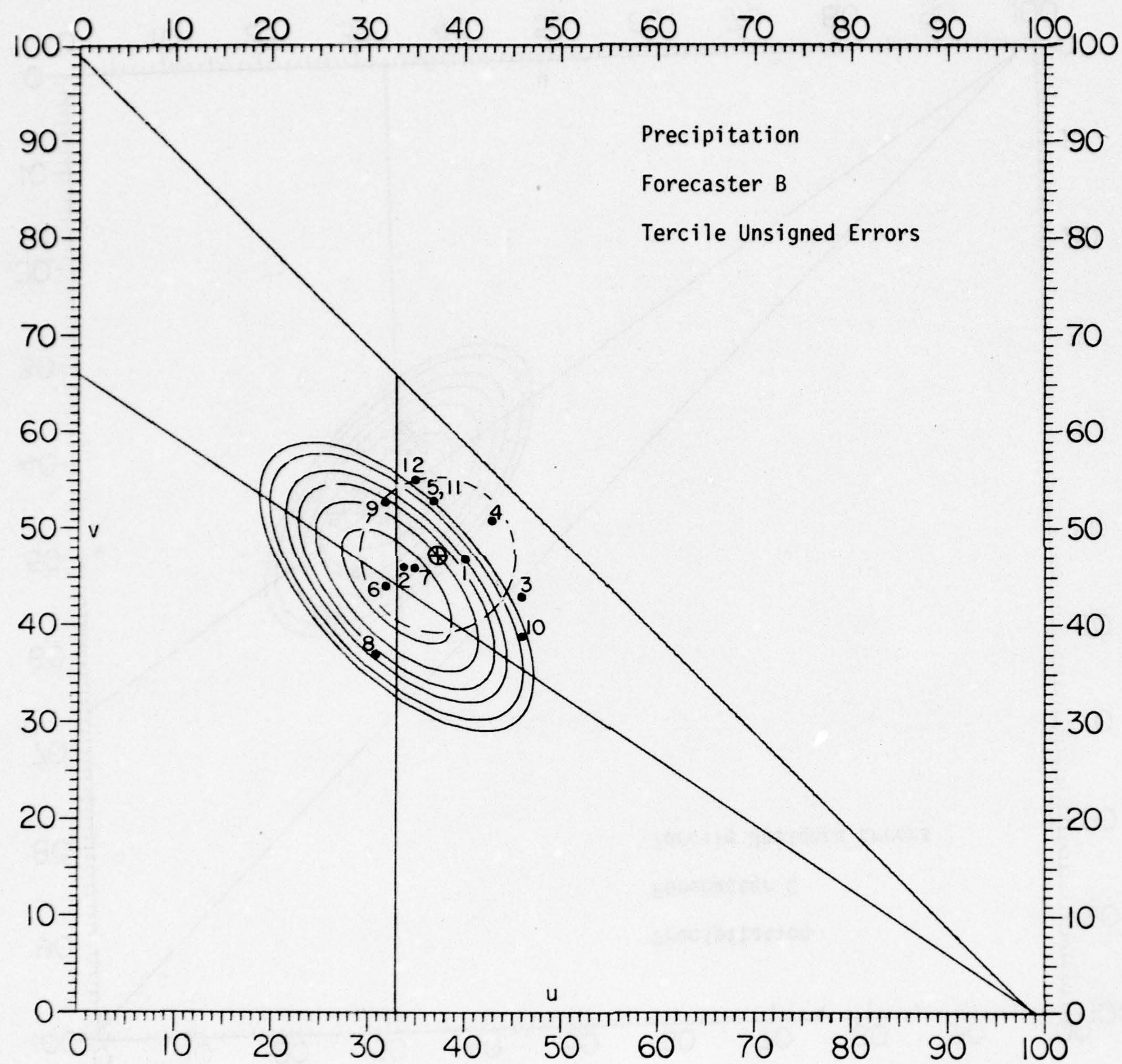

Precipitation
Forecaster B
Tercile Unsigned Errors
u
v
0
10
20
30
40
50
60
70
80
90
100
1
2
3
4
5,11
6
7
8
9
10
12

Figure 12

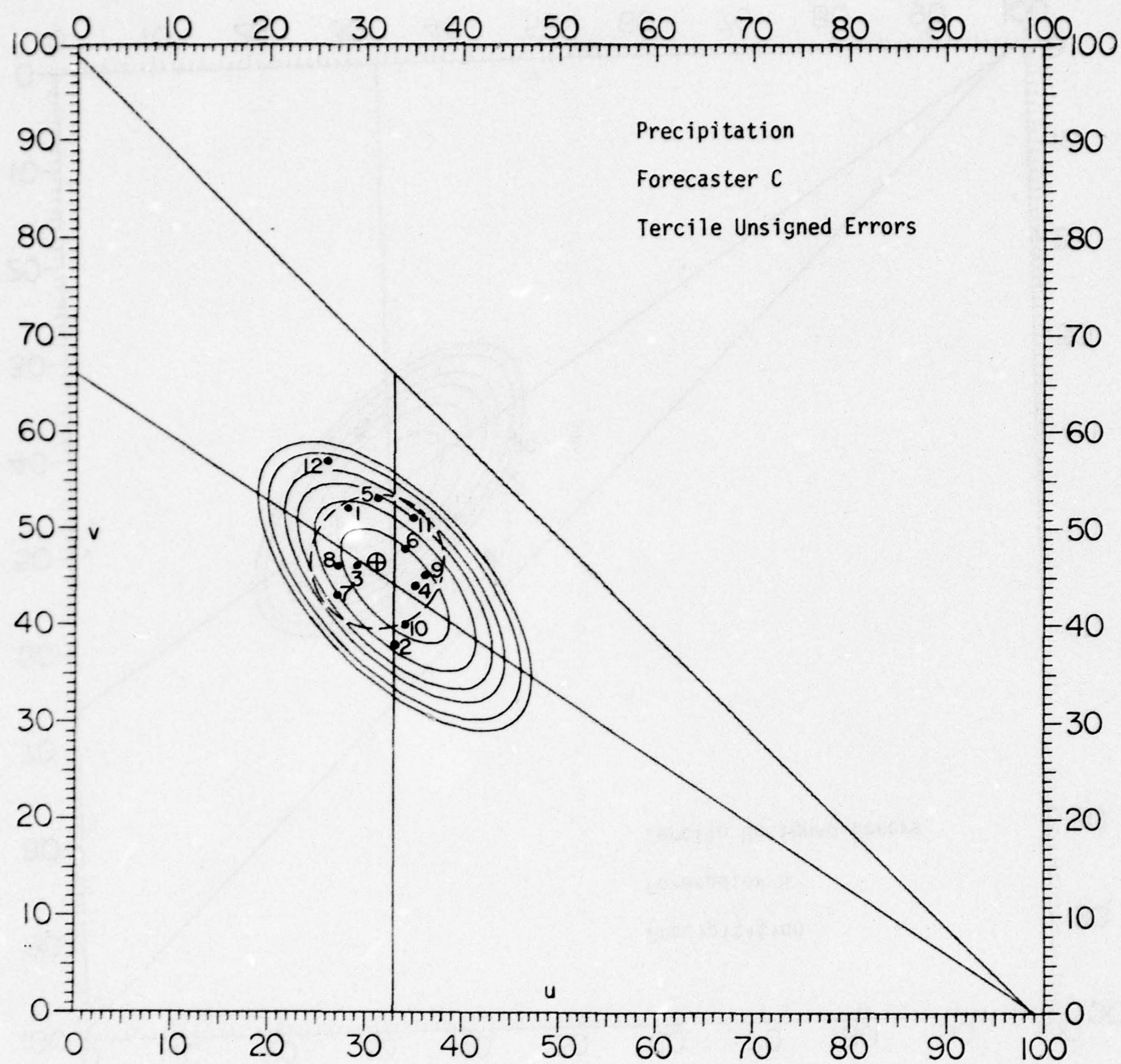


Figure 13

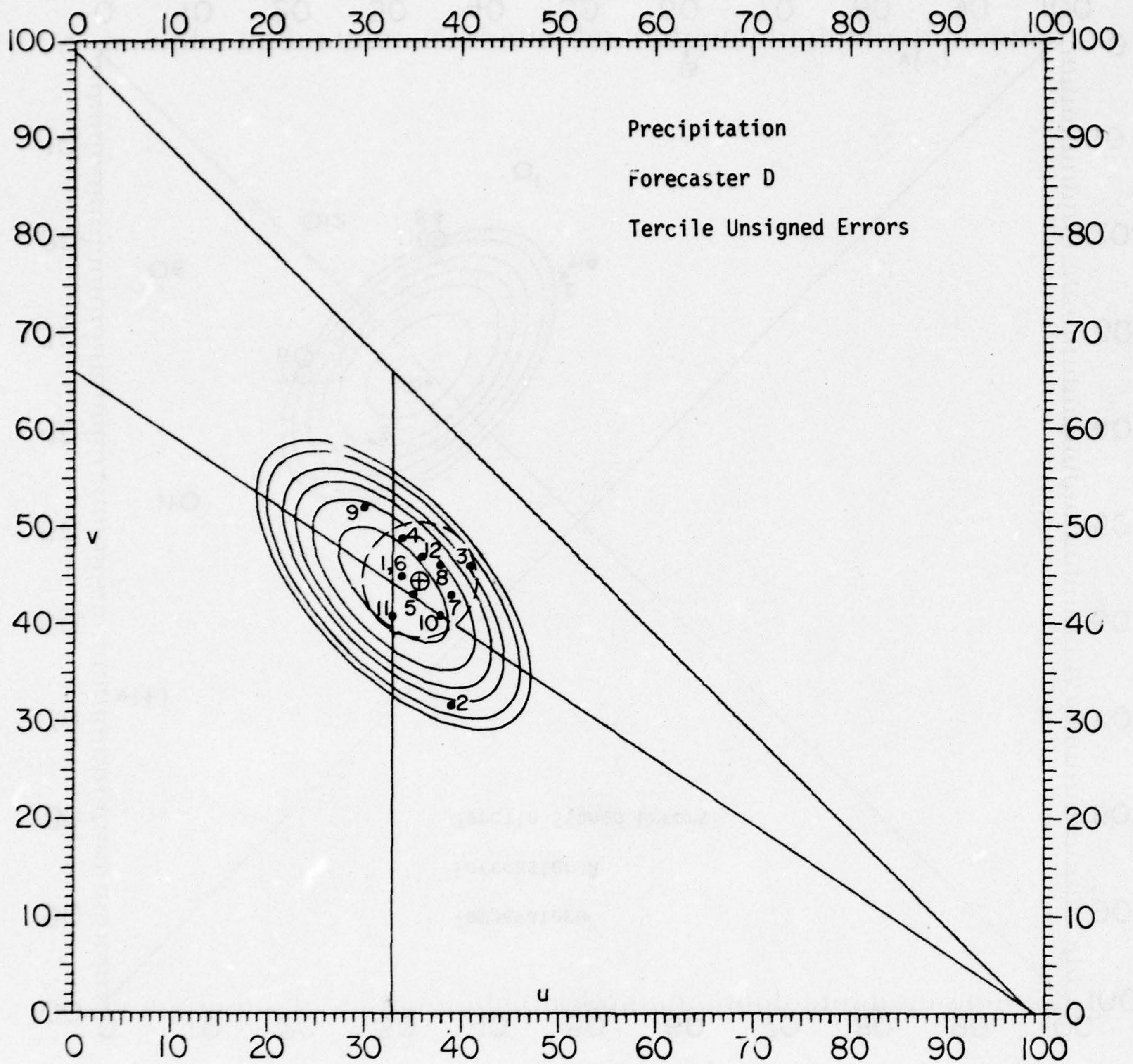


Figure 14

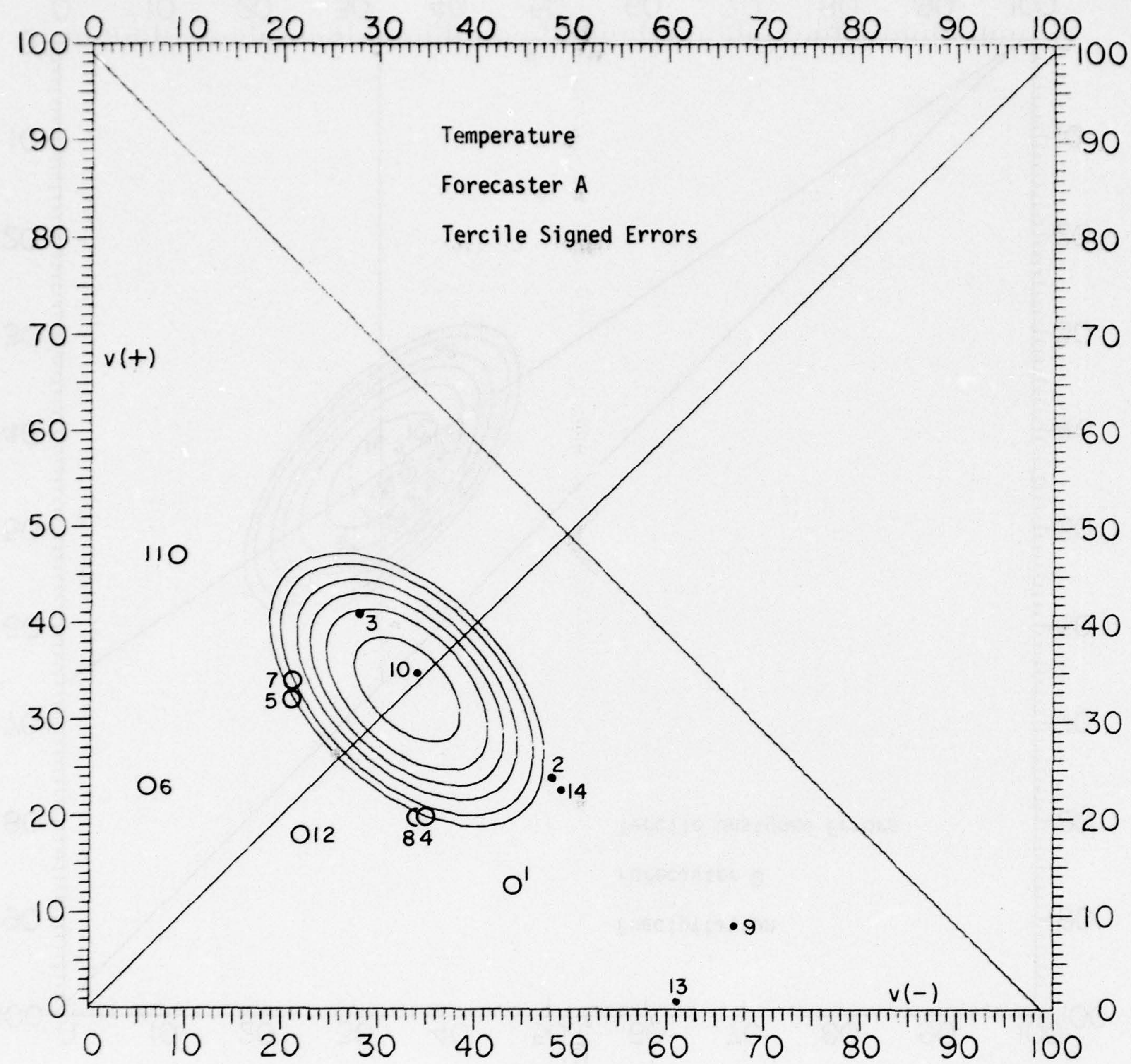


Figure 15

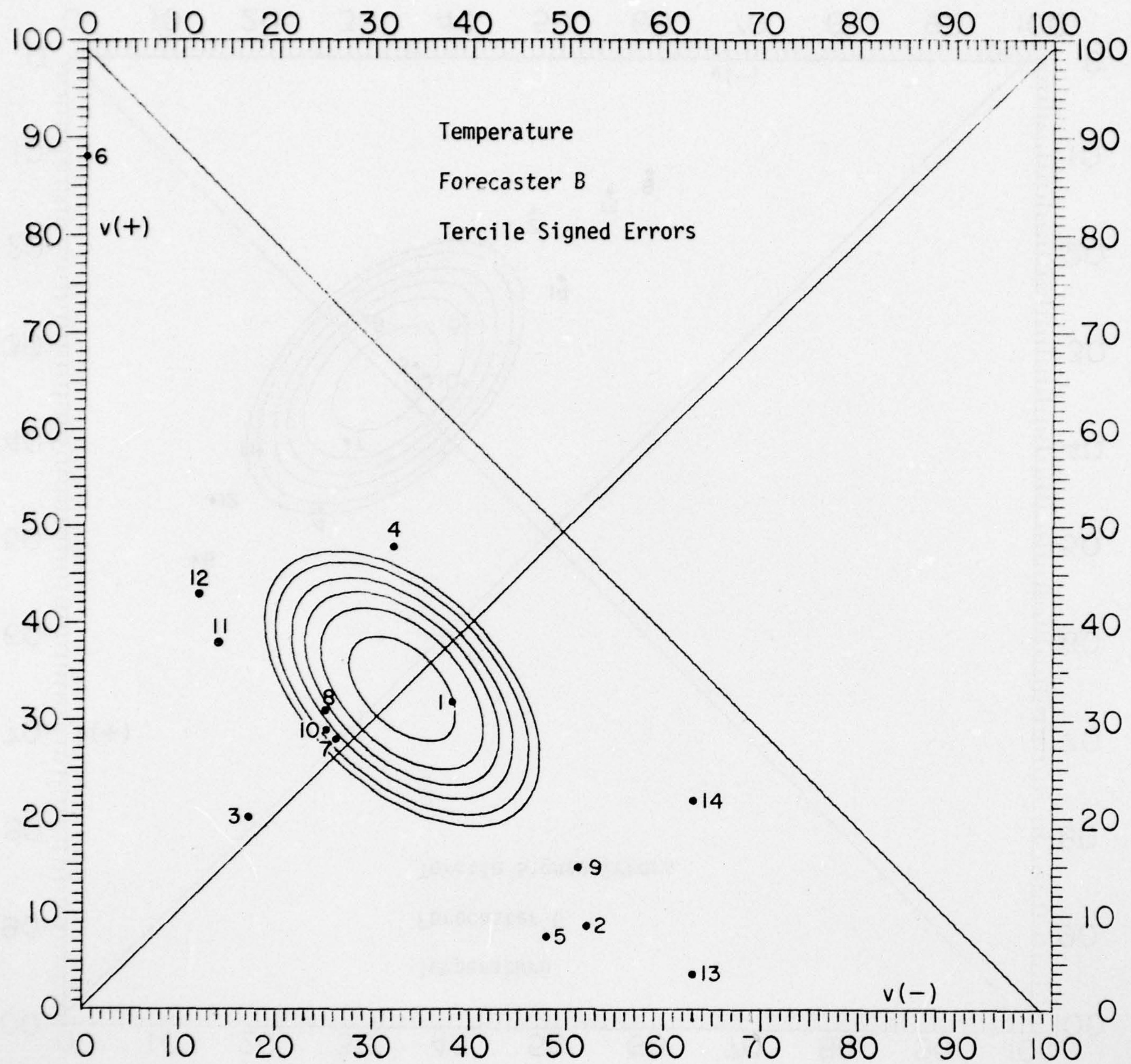


Figure 16

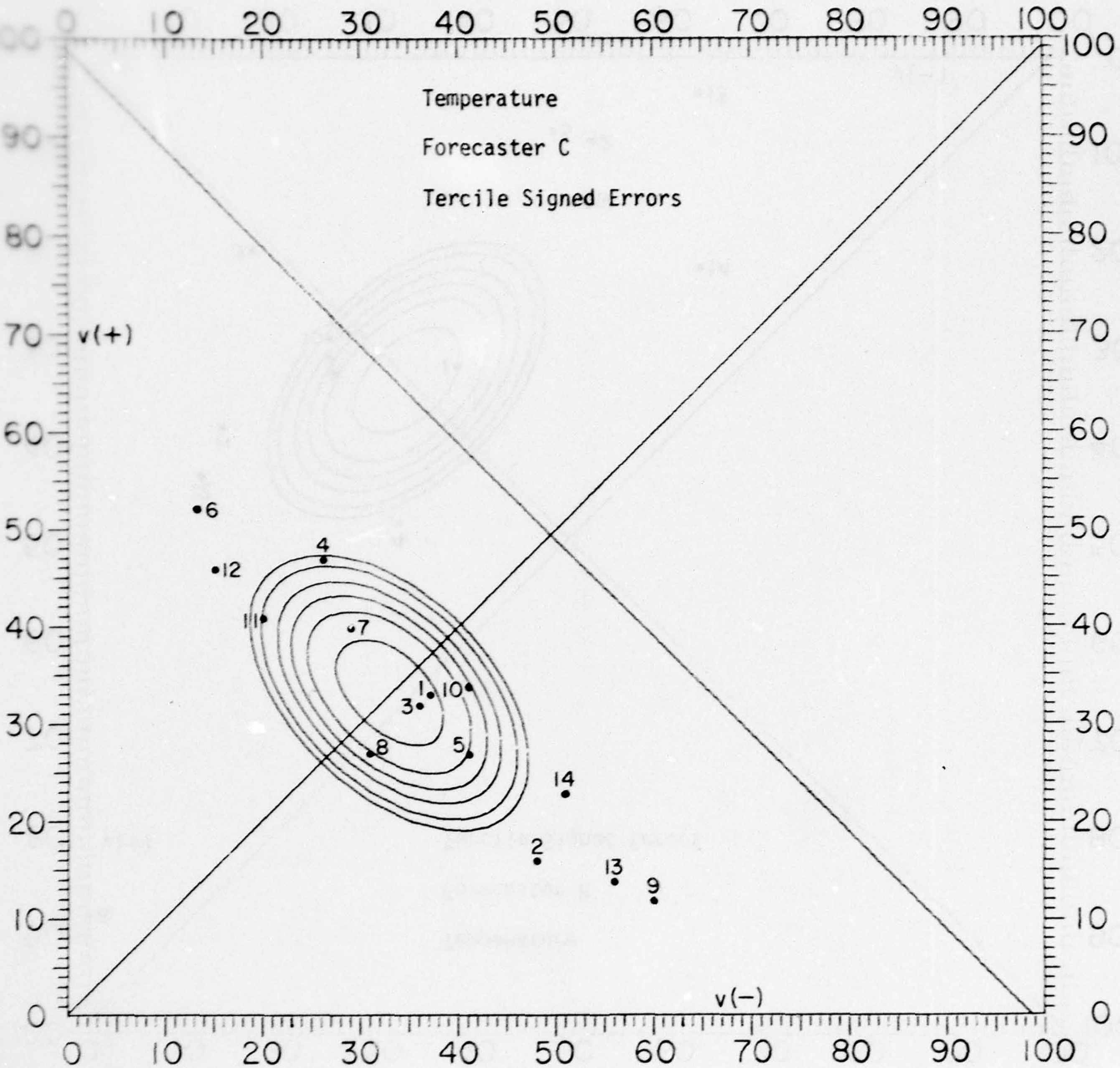
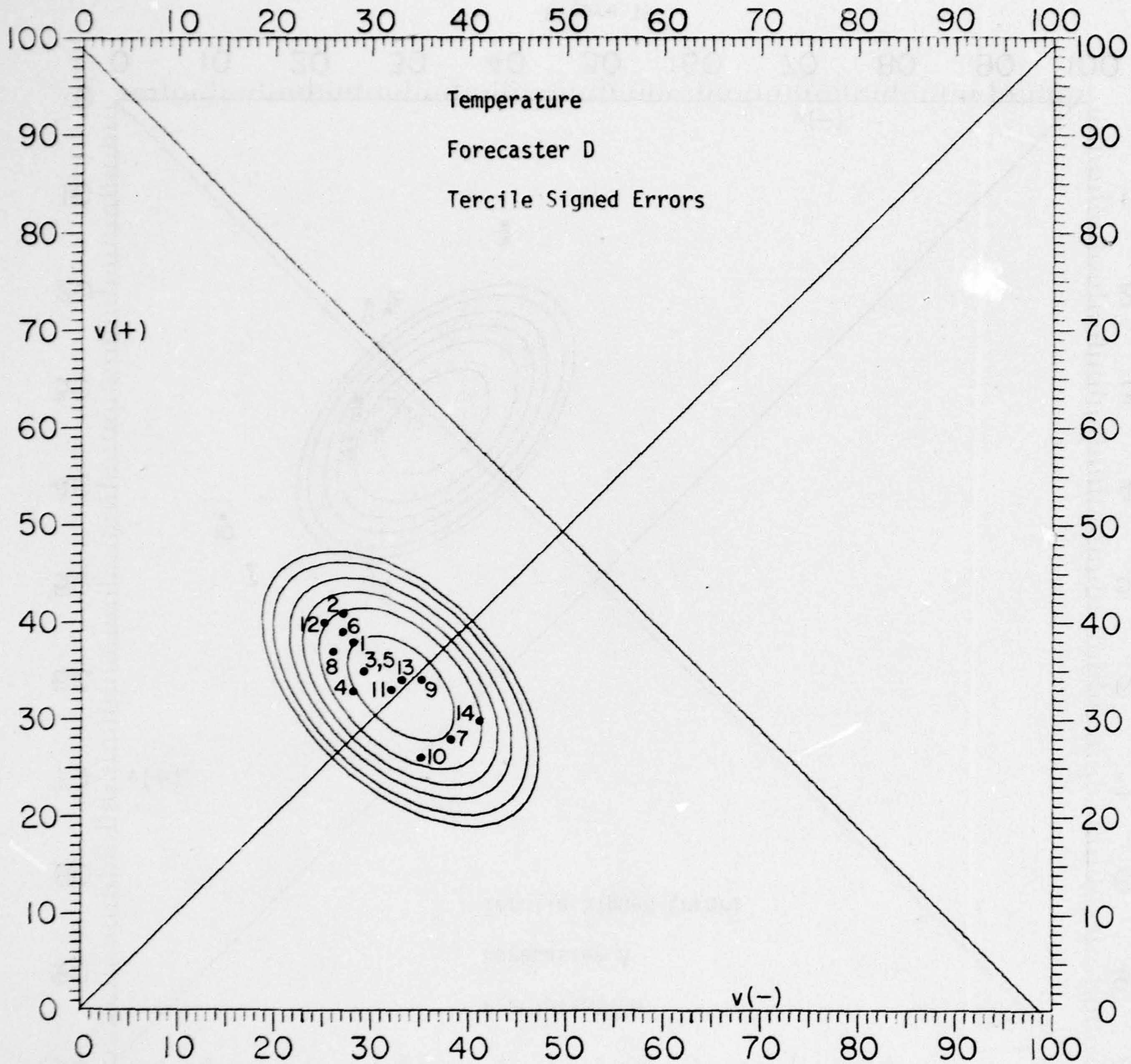


Figure 17



Temperature
Forecaster D
Tercile Signed Errors
v(+)
v(−)
0
10
20
30
40
50
60
70
80
90
100
12
2
6
1
8
3,5
13
4
11
9
14
7
10

Figure 18

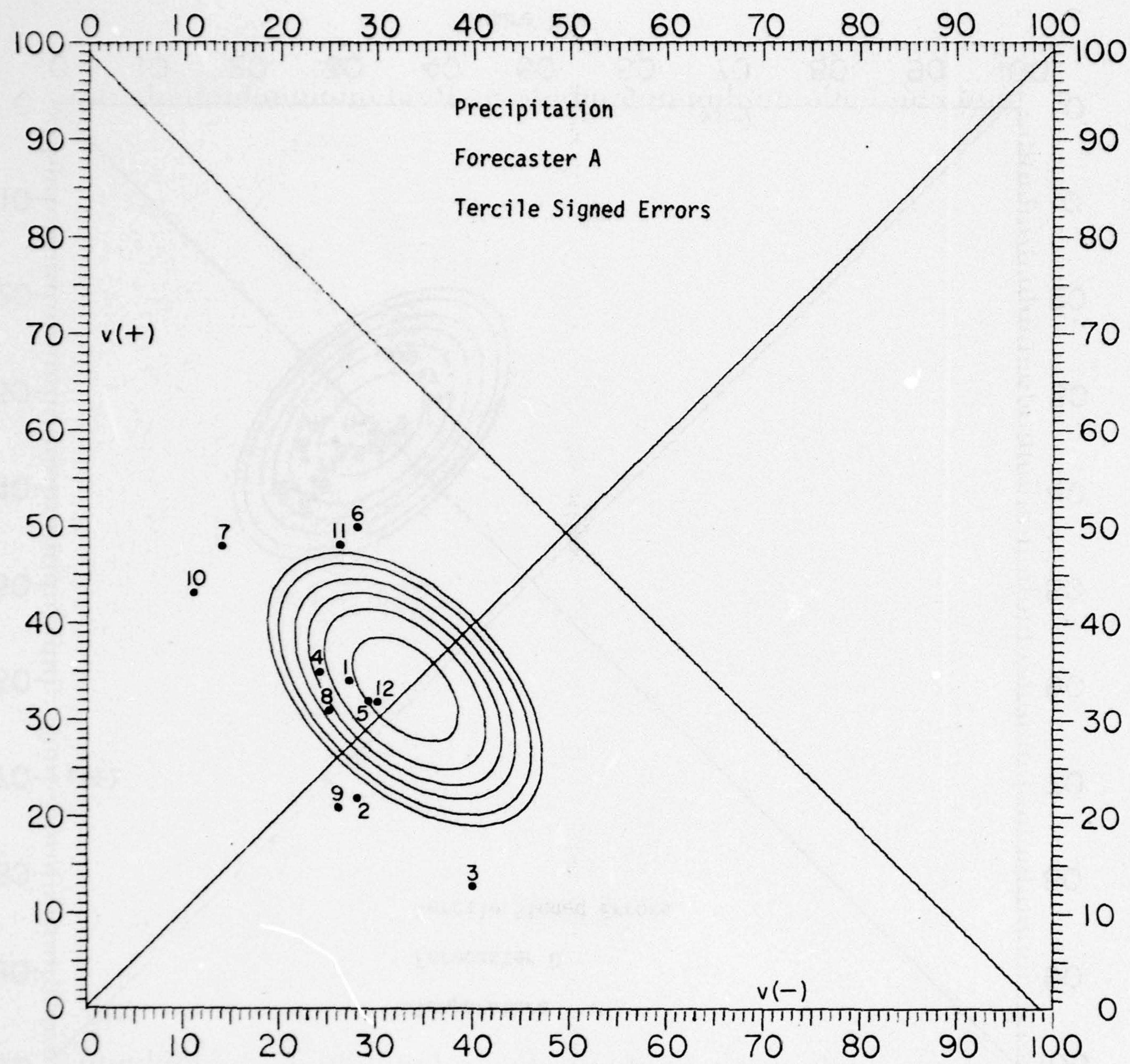

Precipitation
Forecaster A
Tercile Signed Errors
v(+)
v(−)
0
10
20
30
40
50
60
70
80
90
100
1
2
3
4
5
6
7
8
9
10
11
12

Figure 19

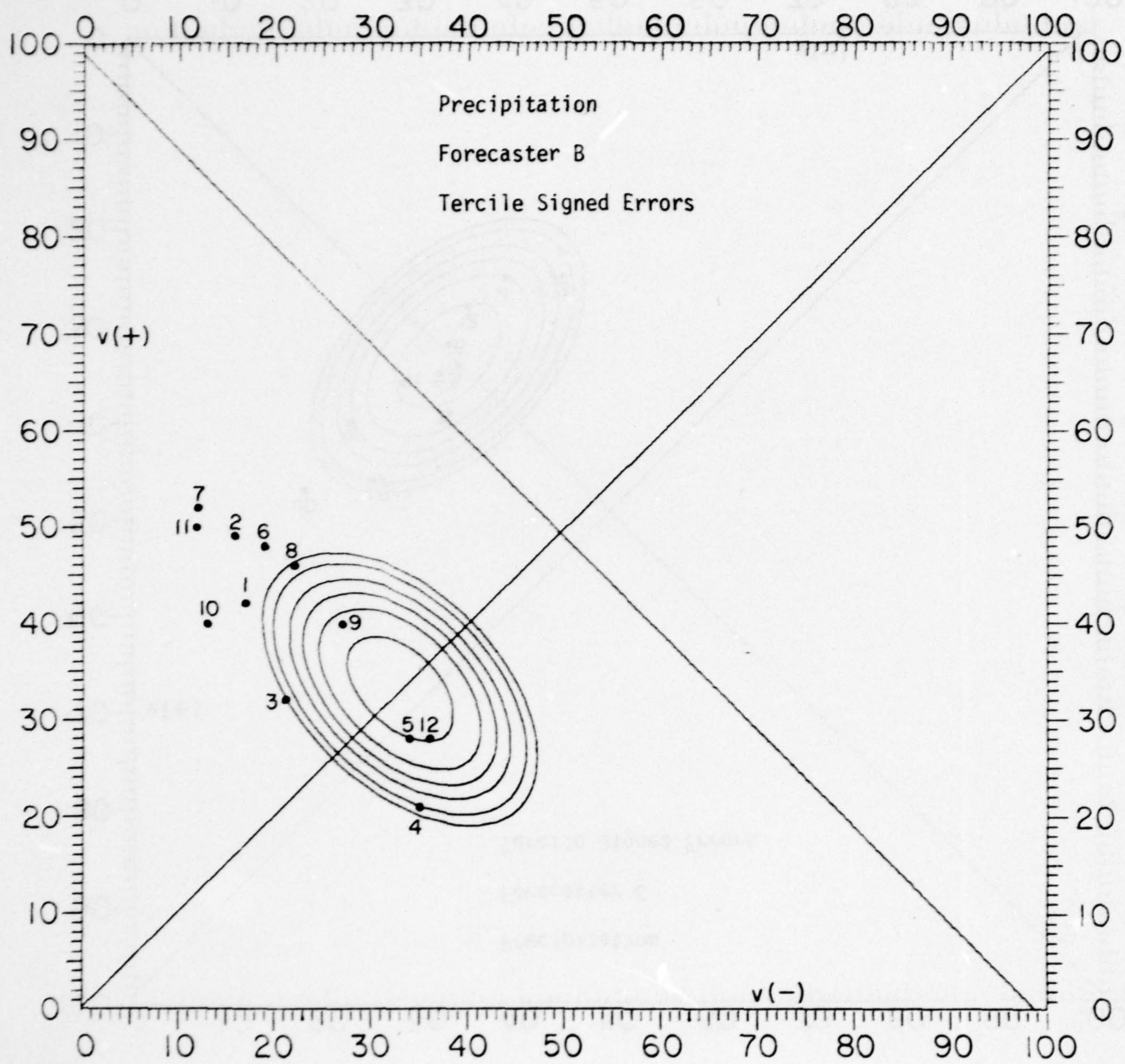
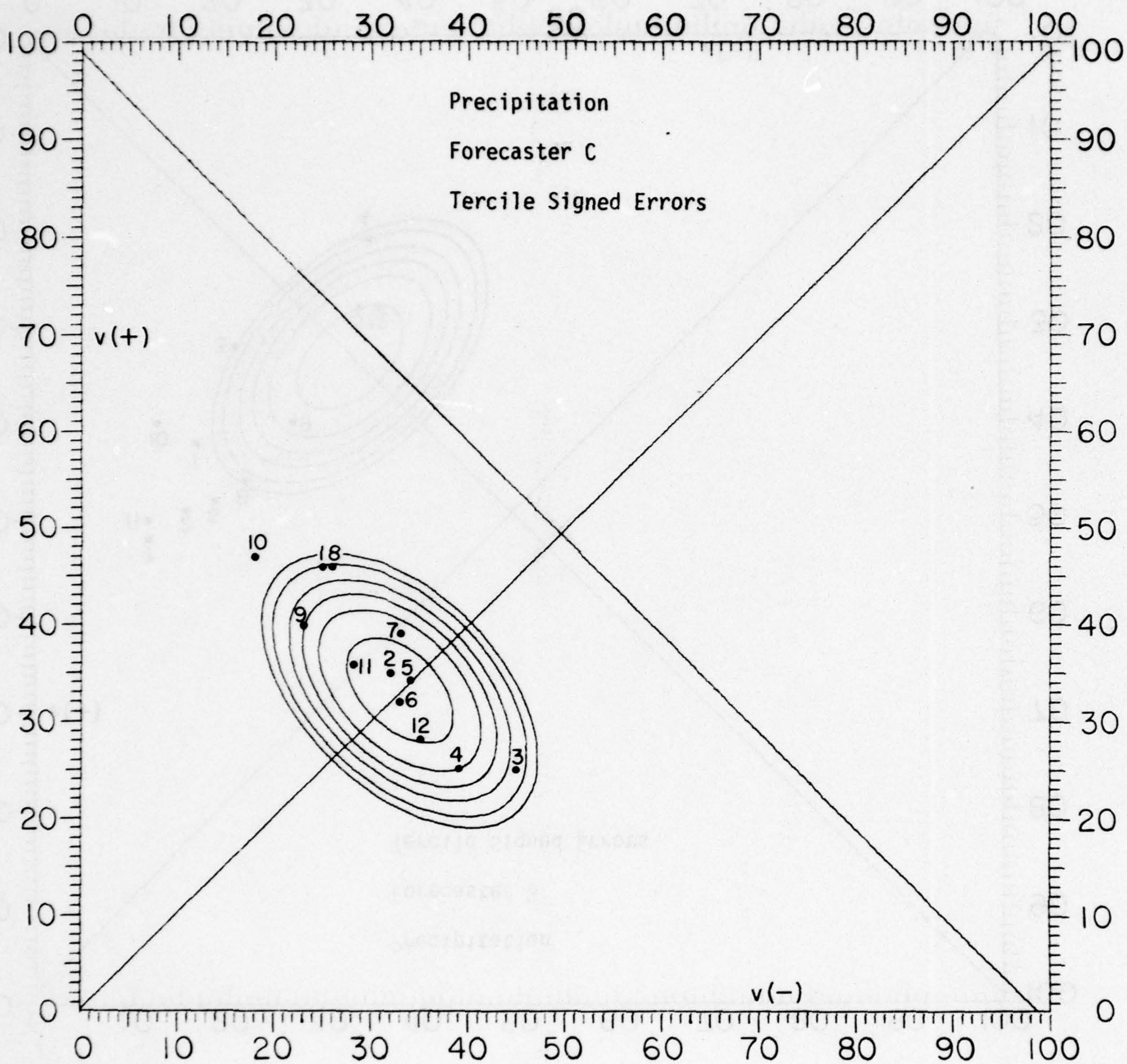

Precipitation
Forecaster B
Tercile Signed Errors
v(+)
v(−)
0
10
20
30
40
50
60
70
80
90
100
1
2
3
4
5
6
7
8
9
10
11
12

Figure 20



Precipitation
Forecaster C
Tercile Signed Errors
v(+)
v(−)
10
18
9
7
2
5
11
6
12
4
3

Figure 21

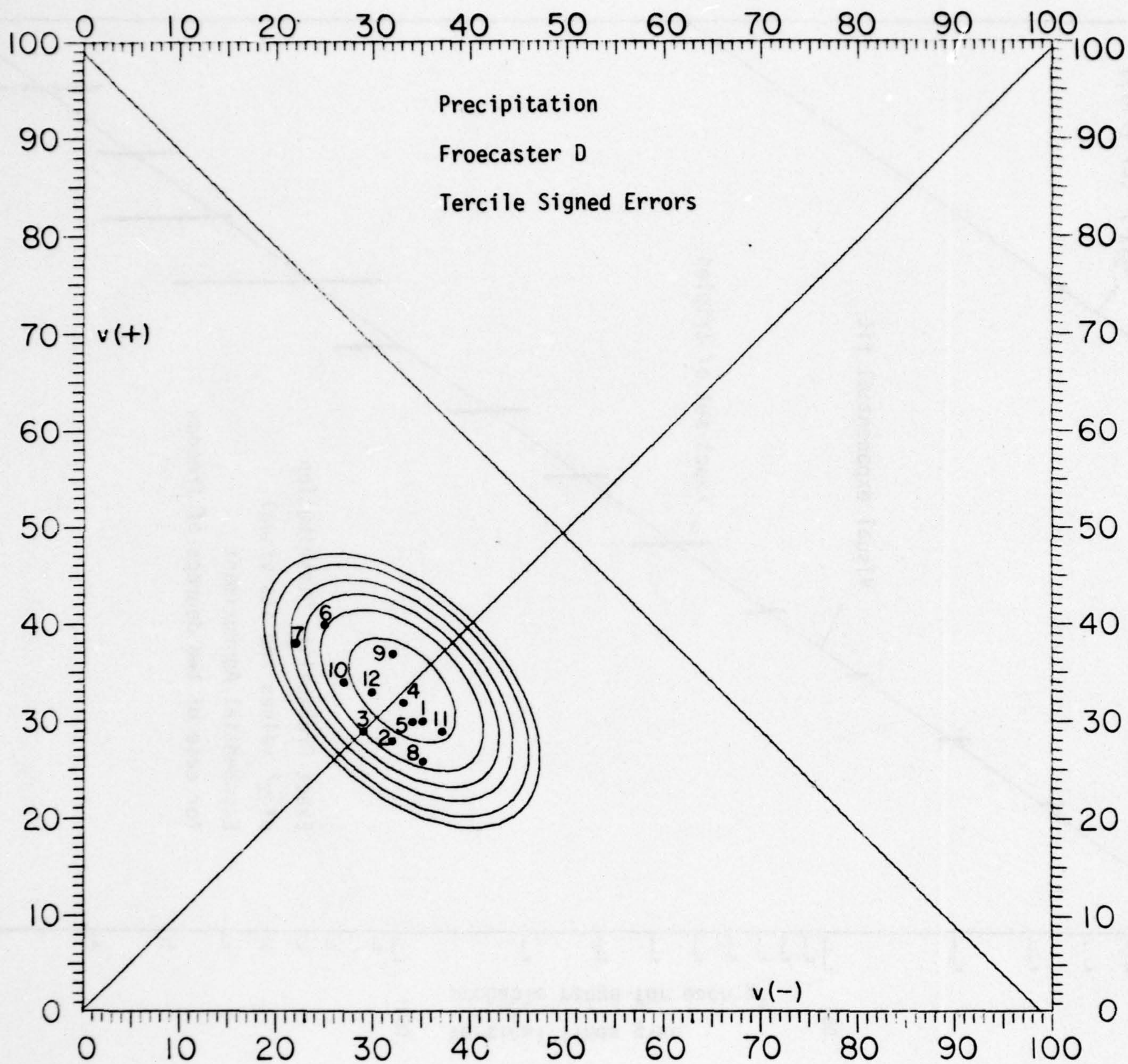
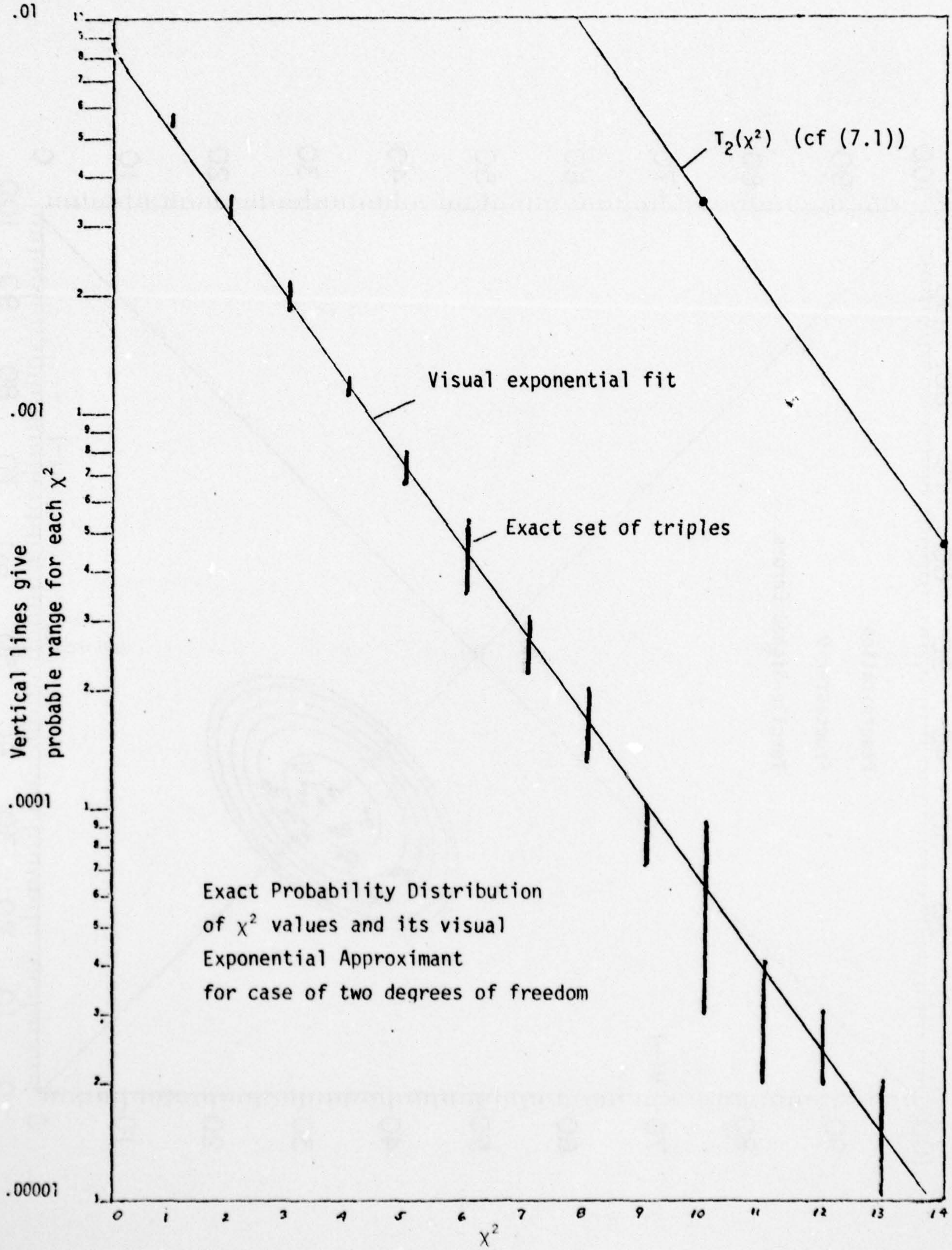

Precipitation
Froecaster D
Tercile Signed Errors
v(+)
v(−)
0
10
20
30
40
50
60
70
80
90
100
1
2
3
4
5
6
7
8
9
10
11
12

Figure 22



.01
.001
.0001
.00001
Vertical lines give probable range for each χ^2
$T_2(\chi^2)$ (cf (7.1))
Visual exponential fit
Exact set of triples
Exact Probability Distribution of χ^2 values and its visual Exponential Approximant for case of two degrees of freedom
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
χ^2

Figure 23

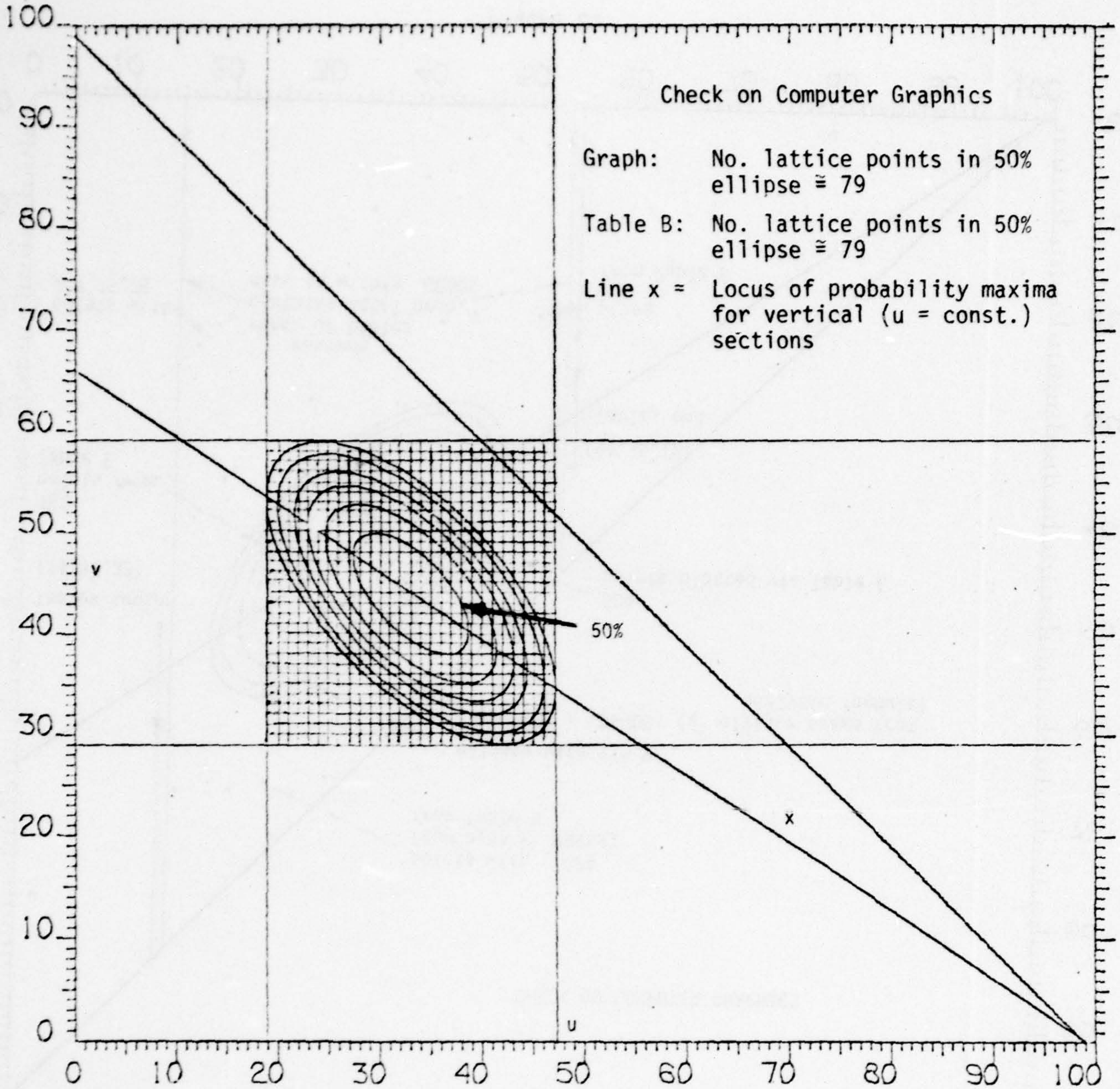

Check on Computer Graphics
Graph: No. lattice points in 50% ellipse ≅ 79
Table B: No. lattice points in 50% ellipse ≅ 79
Line x = Locus of probability maxima for vertical (u = const.) sections
50%
v
u
x
0
10
20
30
40
50
60
70
80
90
100

Figure 24

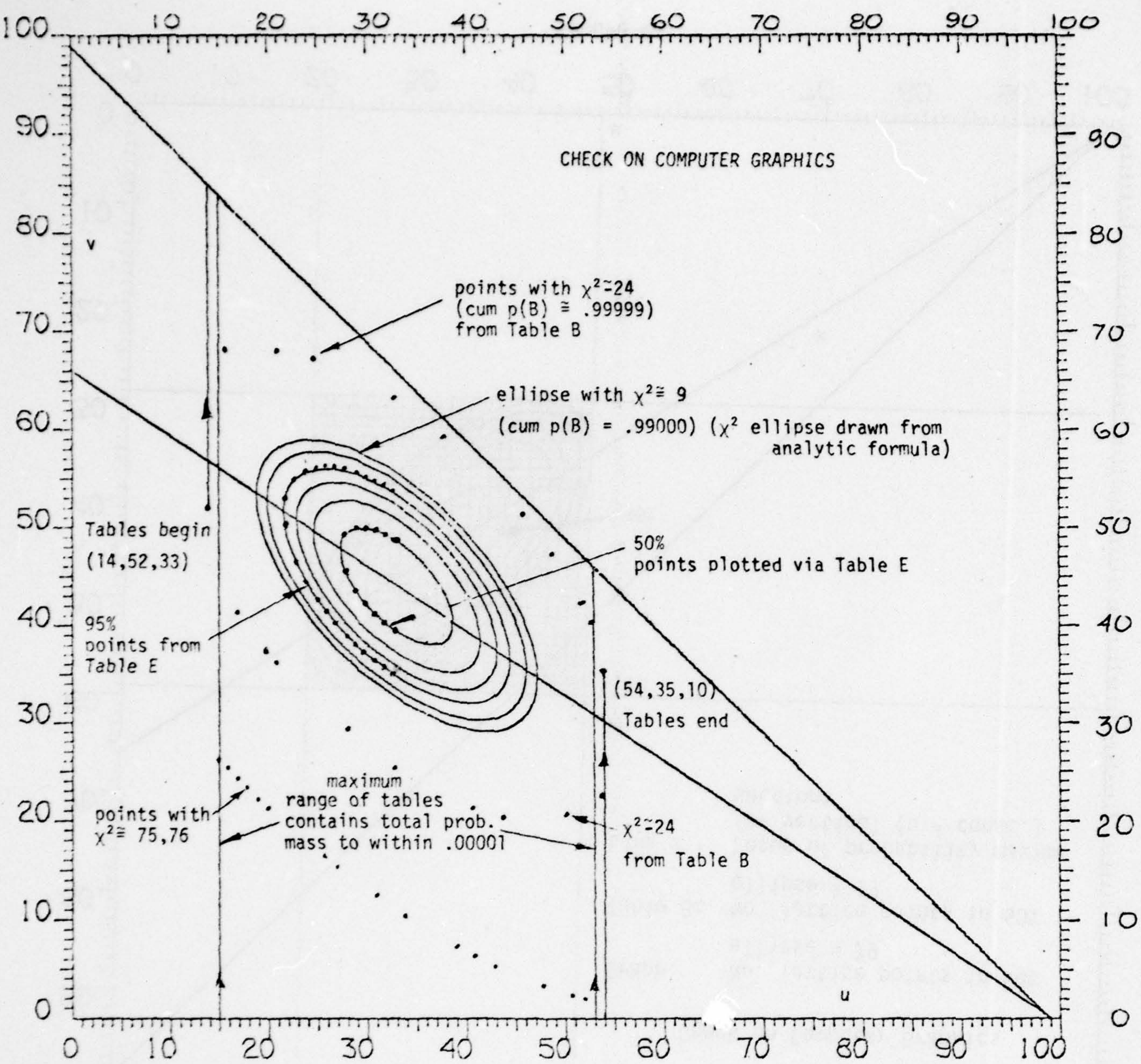

CHECK ON COMPUTER GRAPHICS
v
u
points with χ²≅24
(cum p(B) ≅ .99999)
from Table B
ellipse with χ²≅ 9
(cum p(B) = .99000) (χ² ellipse drawn from analytic formula)
50%
points plotted via Table E
Tables begin
(14,52,33)
95%
points from
Table E
(54,35,10)
Tables end
maximum
range of tables
contains total prob.
mass to within .00001
points with
χ²≅ 75,76
χ²≅24
from Table B

Figure 25

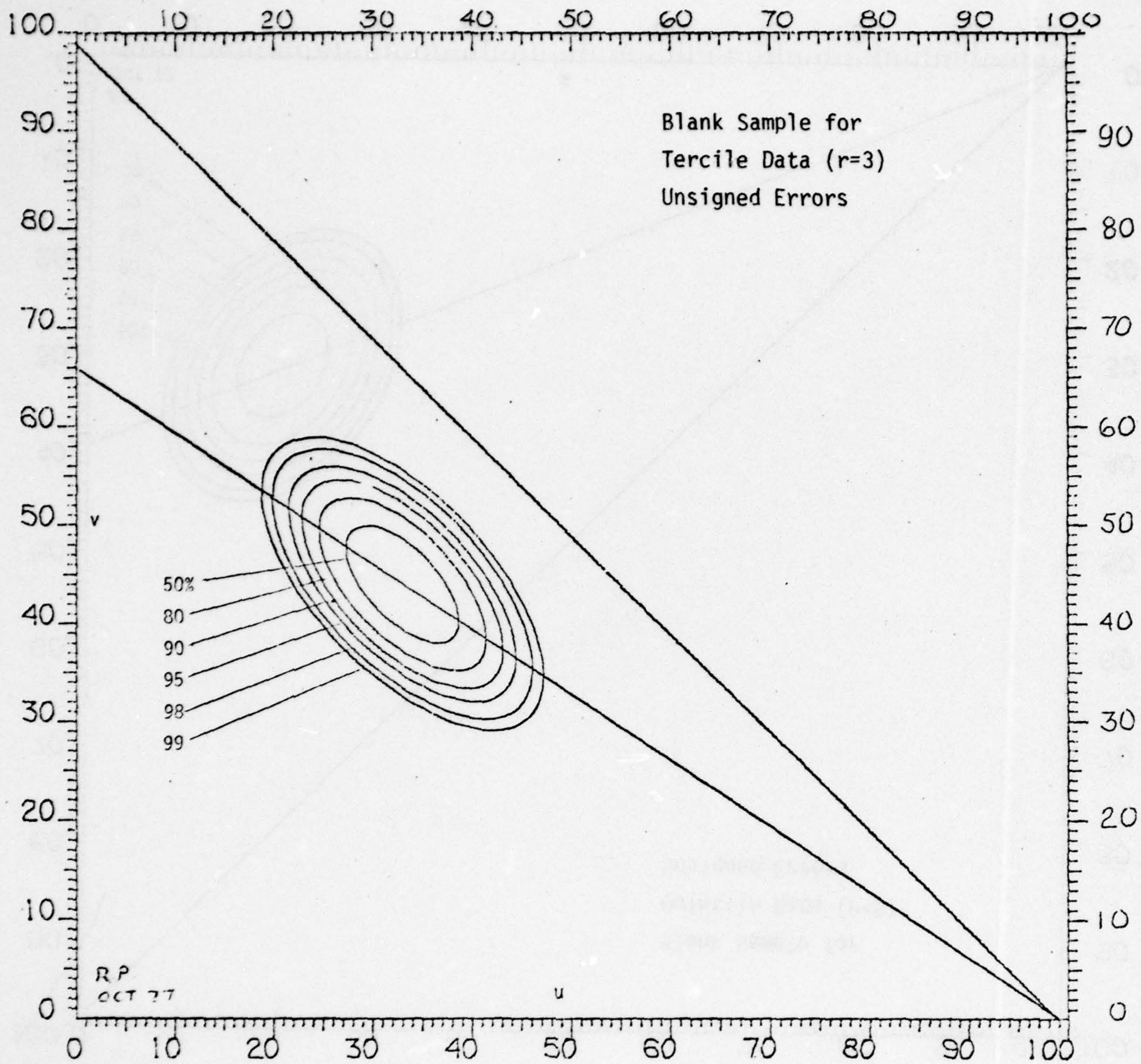

Blank Sample for
Tercile Data (r=3)
Unsigned Errors
50%
80
90
95
98
99
v
u
RP
OCT 77

Figure 26

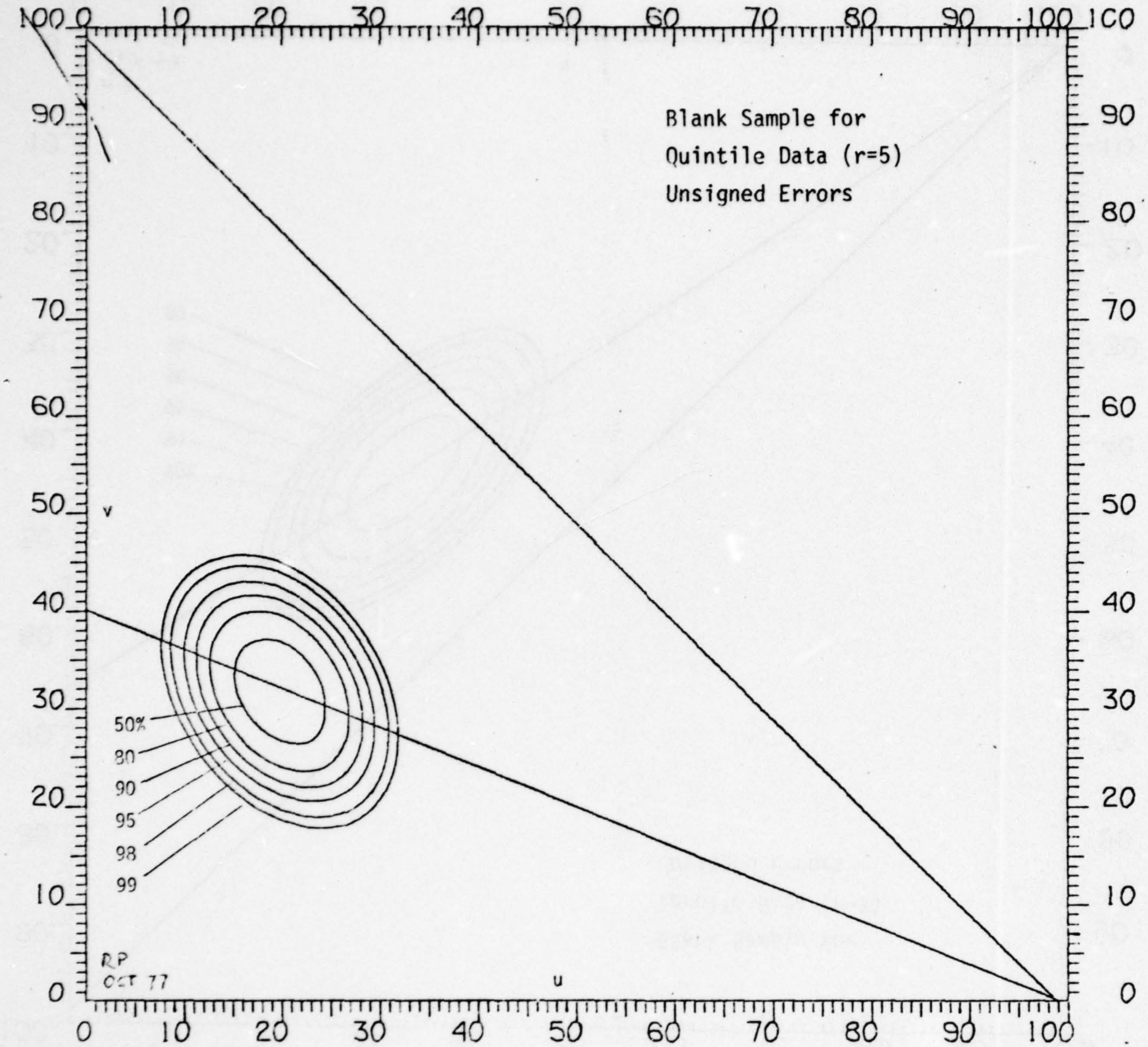

Blank Sample for
Quintile Data (r=5)
Unsigned Errors
50%
80
90
95
98
99
v
u
RP
OCT 77
0
10
20
30
40
50
60
70
80
90
100

Figure 27

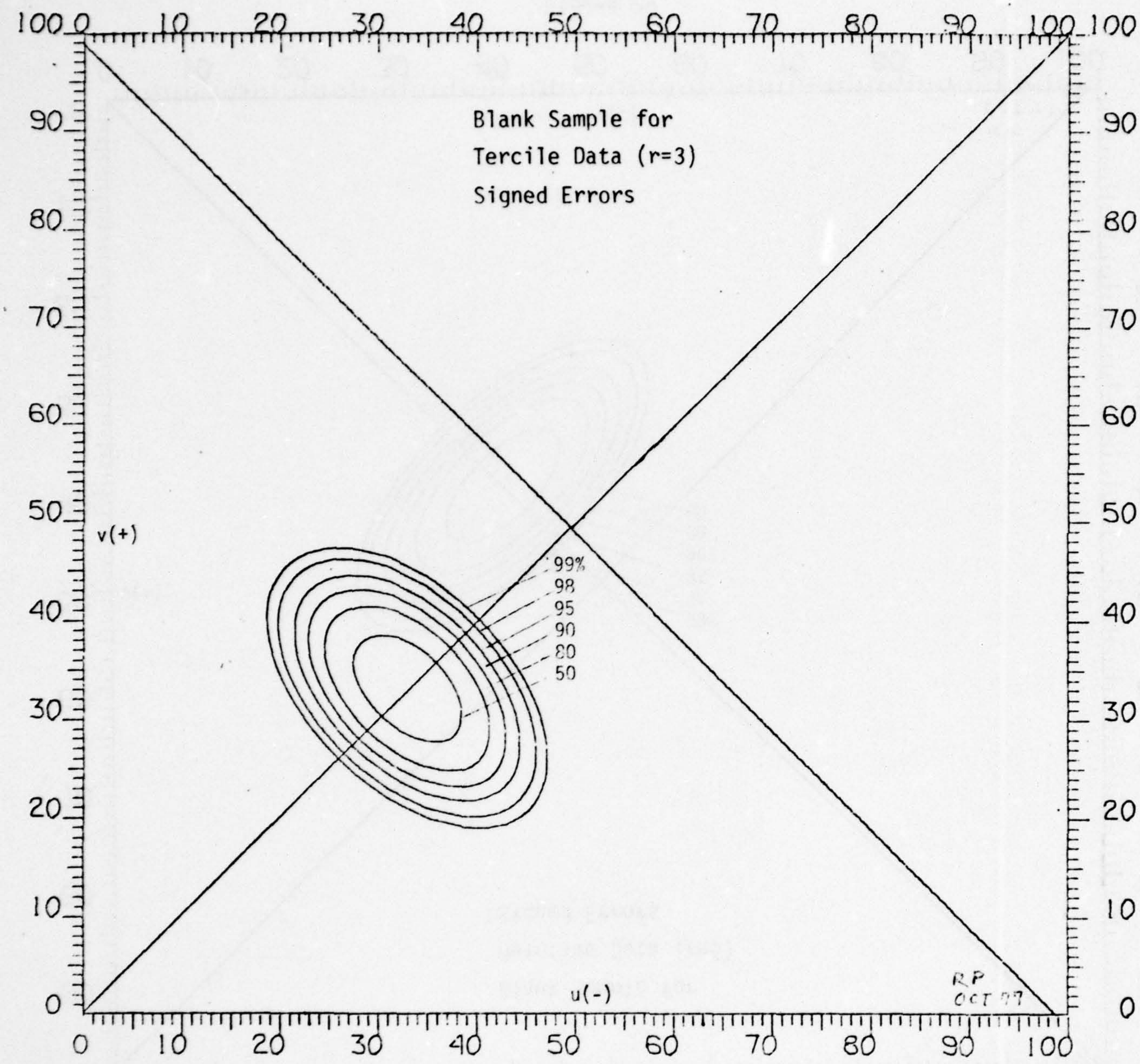

Blank Sample for
Tercile Data (r=3)
Signed Errors
v(+)
u(-)
99%
98
95
90
80
50
R.P.
OCT 77

Figure 28

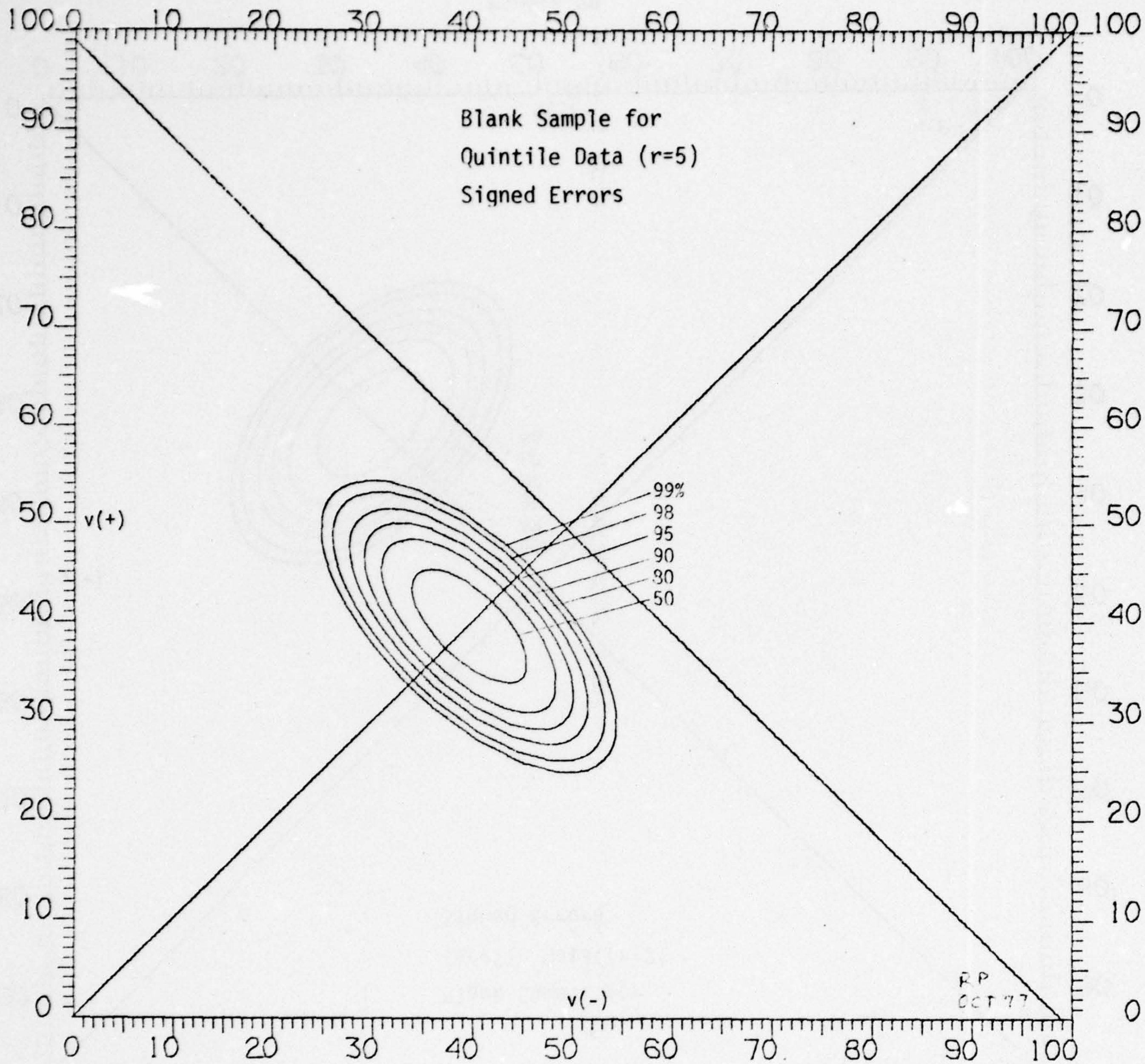

Blank Sample for
Quintile Data (r=5)
Signed Errors
99%
98
95
90
80
50
v(+)
v(-)
RP
OCT 77
0
10
20
30
40
50
60
70
80
90
100

Figure 29

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
14	52	33	17.8939	.00000	.00001	15	16	68	123.6182	.00000	.00001
14	53	32	17.3258	.00000	.00001	15	17	67	118.4318	.00000	.00001
14	54	31	16.8939	.00000	.00001	15	18	66	113.1818	.00000	.00001
14	55	30	16.5985	.00000	.00001	15	19	65	108.0682	.00000	.00001
14	56	29	16.4394	.00000	.00001	15	20	64	103.0909	.00000	.00001
14	57	28	16.4167	.00000	.00001	15	21	63	98.2500	.00000	.00001
14	58	27	16.5303	.00000	.00001	15	22	62	93.5455	.00000	.00001
14	59	26	16.7803	.00000	.00001	15	23	61	88.9773	.00000	.00001
14	60	25	17.1667	.00000	.00001	15	24	60	84.5455	.00000	.00001
14	61	24	17.6894	.00000	.00001	15	25	59	80.2500	.00000	.00001
14	62	23	18.3485	.00000	.00001	15	26	58	76.0909	.00000	.00001
14	63	22	19.1439	.00000	.00001	15	27	57	72.0682	.00000	.00001
14	64	21	20.0758	.00000	.00001	15	28	56	68.1818	.00000	.00001
14	65	20	21.1439	.00000	.00001	15	29	55	64.4318	.00000	.00001
14	66	19	22.3485	.00000	.00001	15	30	54	60.8182	.00000	.00001
14	67	18	23.6894	.00000	.00001	15	31	53	57.3409	.00000	.00001
14	68	17	25.1667	.00000	.00001	15	32	52	54.0000	.00000	.00001
14	69	16	26.7803	.00000	.00001	15	33	51	50.7955	.00000	.00001
14	70	15	28.5303	.00000	.00001	15	34	50	47.7273	.00000	.00001
14	71	14	30.4167	.00000	.00001	15	35	49	44.7955	.00000	.00001
14	72	13	32.4394	.00000	.00001	15	36	48	42.0000	.00000	.00001
14	73	12	34.5985	.00000	.00001	15	37	47	39.3409	.00000	.00001
14	74	11	36.8939	.00000	.00001	15	38	46	36.8182	.00000	.00001
14	75	10	39.3258	.00000	.00001	15	39	45	34.4318	.00000	.00001
14	76	9	41.6939	.00000	.00001	15	40	44	32.1818	.00000	.00001
14	77	8	44.5985	.00000	.00001	15	41	43	30.0682	.00000	.00001
14	78	7	47.4394	.00000	.00001	15	42	42	28.0909	.00000	.00001
14	79	6	50.4167	.00000	.00001	15	43	41	26.2500	.00000	.00001
14	80	5	53.5303	.00000	.00001	15	44	40	24.5455	.00000	.00001
14	81	4	56.7803	.00000	.00001	15	45	39	22.9773	.00000	.00001
14	82	3	60.1667	.00000	.00001	15	46	38	21.5455	.00000	.00001
14	83	2	63.6894	.00000	.00001	15	47	37	20.2500	.00000	.00001
14	84	1	67.3485	.00000	.00001	15	48	36	19.0909	.00000	.00001
14	85	0	71.1439	.00000	.00001	15	49	35	18.0682	.00000	.00001
15	0	84	225.5455	.00000	.00001	15	50	34	17.1818	.00000	.00001
15	1	83	220.9773	.00000	.00001	15	51	33	16.4318	.00001	.00002
15	2	82	213.5455	.00000	.00001	15	52	32	15.8182	.00000	.00002
15	3	81	206.2500	.00000	.00001	15	53	31	15.3409	.00000	.00002
15	4	80	199.0909	.00000	.00001	15	54	30	15.0000	.00000	.00002
15	5	79	192.0682	.00000	.00001	15	55	29	14.7955	.00000	.00002
15	6	78	185.1818	.00000	.00001	15	56	28	14.7273	.00000	.00003
15	7	77	178.4318	.00000	.00001	15	57	27	14.7955	.00000	.00003
15	8	76	171.8182	.00000	.00001	15	58	26	15.0000	.00000	.00003
15	9	75	165.3409	.00000	.00001	15	59	25	15.3409	.00000	.00003
15	10	74	159.0000	.00000	.00001	15	60	24	15.8182	.00000	.00003
15	11	73	152.7955	.00000	.00001	15	61	23	16.4318	.00000	.00003
15	12	72	146.7273	.00000	.00001	15	62	22	17.1818	.00000	.00004
15	13	71	140.7955	.00000	.00001	15	63	21	18.0682	.00000	.00004
15	14	70	135.0000	.00000	.00001	15	64	20	19.0909	.00000	.00004
15	15	69	129.3409	.00000	.00001	15	65	19	20.2500	.00000	.00004

(1)

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
15	66	18	21.5455	.00000	.00004	16	31	52	53.5076	.00000	.00004
15	67	17	22.9773	.00000	.00004	16	32	51	50.2576	.00000	.00004
15	68	16	24.5455	.00000	.00004	16	33	50	47.1439	.00000	.00004
15	69	15	26.2500	.00000	.00004	16	34	49	44.1667	.00000	.00004
15	70	14	28.0909	.00000	.00004	16	35	48	41.3258	.00000	.00004
15	71	13	30.0682	.00000	.00004	16	36	47	38.6212	.00000	.00004
15	72	12	32.1818	.00000	.00004	16	37	46	36.0530	.00000	.00004
15	73	11	34.4318	.00000	.00004	16	38	45	33.6212	.00000	.00004
15	74	10	36.8182	.00000	.00004	16	39	44	31.3258	.00000	.00004
15	75	9	39.3409	.00000	.00004	16	40	43	29.1667	.00000	.00004
15	76	8	42.0000	.00000	.00004	16	41	42	27.1439	.00000	.00004
15	77	7	44.7955	.00000	.00004	16	42	41	25.2576	.00000	.00004
15	78	6	47.7273	.00000	.00004	16	43	40	23.5076	.00000	.00004
15	79	5	50.7955	.00000	.00004	16	44	39	21.8939	.00000	.00004
15	80	4	54.0000	.00000	.00004	16	45	38	20.4167	.00000	.00004
15	81	3	57.3409	.00000	.00004	16	46	37	19.0758	.00000	.00004
15	82	2	60.8182	.00000	.00004	16	47	36	17.8712	.00000	.00004
15	83	1	64.4318	.00000	.00004	16	48	35	16.8030	.00000	.00004
15	84	0	68.1818	.00000	.00004	16	49	34	15.8712	.00000	.00004
16	0	83	221.8939	.00000	.00004	16	50	33	15.0758	.00000	.00005
16	1	82	214.4167	.00000	.00004	16	51	32	14.4167	.00000	.00005
16	2	81	207.0758	.00000	.00004	16	52	31	13.8939	.00000	.00005
16	3	80	199.8712	.00000	.00004	16	53	30	13.5076	.00000	.00006
16	4	79	192.8030	.00000	.00004	16	54	29	13.2576	.00001	.00006
16	5	78	185.8712	.00000	.00004	16	55	28	13.1439	.00001	.00007
16	6	77	179.0758	.00000	.00004	16	56	27	13.1667	.00001	.00008
16	7	76	172.4167	.00000	.00004	16	57	26	13.3258	.00001	.00008
16	8	75	165.8939	.00000	.00004	16	58	25	13.6212	.00000	.00009
16	9	74	159.5076	.00000	.00004	16	59	24	14.0530	.00000	.00009
16	10	73	153.2576	.00000	.00004	16	60	23	14.6212	.00000	.00009
16	11	72	147.1439	.00000	.00004	16	61	22	15.3258	.00000	.00010
16	12	71	141.1667	.00000	.00004	16	62	21	16.1667	.00000	.00010
16	13	70	135.3258	.00000	.00004	16	63	20	17.1439	.00000	.00010
16	14	69	129.6212	.00000	.00004	16	64	19	18.2576	.00000	.00010
16	15	68	124.0530	.00000	.00004	16	65	18	19.5076	.00000	.00010
16	16	67	118.6212	.00000	.00004	16	66	17	20.8939	.00000	.00010
16	17	66	113.3258	.00000	.00004	16	67	16	22.4167	.00000	.00010
16	18	65	108.1667	.00000	.00004	16	68	15	24.0758	.00000	.00010
16	19	64	103.1439	.00000	.00004	16	69	14	25.8712	.00000	.00010
16	20	63	98.2576	.00000	.00004	16	70	13	27.8030	.00000	.00010
16	21	62	93.5076	.00000	.00004	16	71	12	29.8712	.00000	.00010
16	22	61	88.8939	.00000	.00004	16	72	11	32.0758	.00000	.00010
16	23	60	84.4167	.00000	.00004	16	73	10	34.4167	.00000	.00010
16	24	59	80.0758	.00000	.00004	16	74	9	36.8939	.00000	.00010
16	25	58	75.8712	.00000	.00004	16	75	8	39.5076	.00000	.00010
16	26	57	71.8030	.00000	.00004	16	76	7	42.2576	.00000	.00010
16	27	56	67.8712	.00000	.00004	16	77	6	45.1439	.00000	.00010
16	28	55	64.0758	.00000	.00004	16	78	5	48.1667	.00000	.00010
16	29	54	60.4167	.00000	.00004	16	79	4	51.3258	.00000	.00010
16	30	53	56.8939	.00000	.00004	16	80	3	54.6212	.00000	.00010

(2)

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
16	81	2	58.1530	.00000	.00010	17	47	35	15.6439	.00000	.00011
16	82	1	61.6212	.00000	.00010	17	48	34	14.6667	.00000	.00011
16	83	0	65.3258	.00000	.00010	17	49	33	13.8258	.00001	.00012
17	0	82	215.3939	.00000	.00010	17	50	32	13.1212	.00001	.00013
17	1	81	208.0076	.00000	.00010	17	51	31	12.5530	.00001	.00014
17	2	80	200.7576	.00000	.00010	17	52	30	12.1212	.00001	.00015
17	3	79	193.6439	.00000	.00010	17	53	29	11.8258	.00001	.00016
17	4	78	186.6667	.00000	.00010	17	54	28	11.6667	.00001	.00017
17	5	77	179.8258	.00000	.00010	17	55	27	11.6439	.00001	.00019
17	6	76	173.1212	.00000	.00010	17	56	26	11.7576	.00001	.00020
17	7	75	166.5530	.00000	.00010	17	57	25	12.0076	.00001	.00022
17	8	74	160.1212	.00000	.00010	17	58	24	12.3939	.00001	.00023
17	9	73	153.8258	.00000	.00010	17	59	23	12.9167	.00001	.00024
17	10	72	147.6667	.00000	.00010	17	60	22	13.5758	.00001	.00024
17	11	71	141.6439	.00000	.00010	17	61	21	14.3712	.00000	.00025
17	12	70	135.7576	.00000	.00010	17	62	20	15.3030	.00000	.00025
17	13	69	130.0076	.00000	.00010	17	63	19	16.3712	.00000	.00025
17	14	68	124.3939	.00000	.00010	17	64	18	17.5758	.00000	.00025
17	15	67	118.9167	.00000	.00010	17	65	17	18.9167	.00000	.00026
17	16	66	113.5758	.00000	.00010	17	66	16	20.3939	.00000	.00026
17	17	65	108.3712	.00000	.00010	17	67	15	22.0076	.00000	.00026
17	18	64	103.3030	.00000	.00010	17	68	14	23.7576	.00000	.00026
17	19	63	98.3712	.00000	.00010	17	69	13	25.6439	.00000	.00026
17	20	62	93.5758	.00000	.00010	17	70	12	27.6667	.00000	.00026
17	21	61	88.9167	.00000	.00010	17	71	11	29.8258	.00000	.00026
17	22	60	84.3939	.00000	.00010	17	72	10	32.1212	.00000	.00026
17	23	59	80.0076	.00000	.00010	17	73	9	34.5530	.00000	.00026
17	24	58	75.7576	.00000	.00010	17	74	8	37.1212	.00000	.00026
17	25	57	71.6439	.00000	.00010	17	75	7	39.8258	.00000	.00026
17	26	56	67.6667	.00000	.00010	17	76	6	42.6667	.00000	.00026
17	27	55	63.8258	.00000	.00010	17	77	5	45.6439	.00000	.00026
17	28	54	60.1212	.00000	.00010	17	78	4	48.7576	.00000	.00026
17	29	53	56.5530	.00000	.00010	17	79	3	52.0076	.00000	.00026
17	30	52	53.1212	.00000	.00010	17	80	2	55.3939	.00000	.00026
17	31	51	49.8258	.00000	.00010	17	81	1	58.9167	.00000	.00026
17	32	50	46.6667	.00000	.00010	17	82	0	62.5758	.00000	.00026
17	33	49	43.6439	.00000	.00010	18	0	81	209.0455	.00000	.00026
17	34	48	40.7576	.00000	.00010	18	1	80	201.7500	.00000	.00026
17	35	47	38.0076	.00000	.00010	18	2	79	194.5909	.00000	.00026
17	36	46	35.3939	.00000	.00010	18	3	78	187.5682	.00000	.00026
17	37	45	32.9167	.00000	.00010	18	4	77	180.6818	.00000	.00026
17	38	44	30.5758	.00000	.00010	18	5	76	173.9318	.00000	.00026
17	39	43	28.3712	.00000	.00010	18	6	75	167.3182	.00000	.00026
17	40	42	26.3030	.00000	.00010	18	7	74	160.8409	.00000	.00026
17	41	41	24.3712	.00000	.00010	18	8	73	154.5000	.00000	.00026
17	42	40	22.5758	.00000	.00010	18	9	72	148.2955	.00000	.00026
17	43	39	20.9167	.00000	.00010	18	10	71	142.2273	.00000	.00026
17	44	38	19.3939	.00000	.00010	18	11	70	136.2955	.00000	.00026
17	45	37	18.0076	.00000	.00010	18	12	69	130.5000	.00000	.00026
17	46	36	16.7576	.00000	.00010	18	13	68	124.8409	.00000	.00026

(3)

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
18	14	67	119.3182	.00000	.00026	18	64	17	17.0455	.00000	.00061
18	15	66	113.9318	.00000	.00026	18	65	16	18.4773	.00000	.00061
18	16	65	108.6818	.00000	.00026	18	66	15	20.0455	.00000	.00061
18	17	64	103.5682	.00000	.00026	18	67	14	21.7500	.00000	.00061
18	18	63	98.5909	.00000	.00026	18	68	13	23.5909	.00000	.00061
18	19	62	93.7500	.00000	.00026	18	69	12	25.5682	.00000	.00061
18	20	61	89.0455	.00000	.00026	18	70	11	27.6818	.00000	.00061
18	21	60	84.4773	.00000	.00026	18	71	10	29.9318	.00000	.00061
18	22	59	80.0455	.00000	.00026	18	72	9	32.3182	.00000	.00061
18	23	58	75.7500	.00000	.00026	18	73	8	34.8409	.00000	.00061
18	24	57	71.5909	.00000	.00026	18	74	7	37.5000	.00000	.00061
18	25	56	67.5682	.00000	.00026	18	75	6	40.2955	.00000	.00061
18	26	55	63.6818	.00000	.00026	18	76	5	43.2273	.00000	.00061
18	27	54	59.9318	.00000	.00026	18	77	4	46.2955	.00000	.00061
18	28	53	56.3182	.00000	.00026	18	78	3	49.5000	.00000	.00061
18	29	52	52.8409	.00000	.00026	18	79	2	52.8409	.00000	.00061
18	30	51	49.5000	.00000	.00026	18	80	1	56.3182	.00000	.00061
18	31	50	46.2955	.00000	.00026	18	81	0	59.9318	.00000	.00061
18	32	49	43.2273	.00000	.00026	19	0	80	202.8485	.00000	.00061
18	33	48	40.2955	.00000	.00026	19	1	79	195.6439	.00000	.00061
18	34	47	37.5000	.00000	.00026	19	2	78	188.5758	.00000	.00061
18	35	46	34.8409	.00000	.00026	19	3	77	181.6439	.00000	.00061
18	36	45	32.3182	.00000	.00026	19	4	76	174.8485	.00000	.00061
18	37	44	29.9318	.00000	.00026	19	5	75	168.1894	.00000	.00061
18	38	43	27.6818	.00000	.00026	19	6	74	161.6667	.00000	.00061
18	39	42	25.5682	.00000	.00026	19	7	73	155.2803	.00000	.00061
18	40	41	23.5909	.00000	.00026	19	8	72	149.0303	.00000	.00061
18	41	40	21.7500	.00000	.00026	19	9	71	142.9167	.00000	.00061
18	42	39	20.0455	.00000	.00026	19	10	70	136.9394	.00000	.00061
18	43	38	18.4773	.00000	.00026	19	11	69	131.0985	.00000	.00061
18	44	37	17.0455	.00000	.00026	19	12	68	125.3939	.00000	.00061
18	45	36	15.7500	.00000	.00026	19	13	67	119.8258	.00000	.00061
18	46	35	14.5909	.00001	.00027	19	14	66	114.3939	.00000	.00061
18	47	34	13.5682	.00001	.00028	19	15	65	109.0985	.00000	.00061
18	48	33	12.6818	.00001	.00029	19	16	64	103.9394	.00000	.00061
18	49	32	11.9318	.00002	.00031	19	17	63	98.9167	.00000	.00061
18	50	31	11.3182	.00002	.00033	19	18	62	94.0303	.00000	.00061
18	51	30	10.8409	.00003	.00035	19	19	61	89.2803	.00000	.00061
18	52	29	10.5000	.00003	.00038	19	20	60	84.6667	.00000	.00061
18	53	28	10.2955	.00003	.00041	19	21	59	80.1894	.00000	.00061
18	54	27	10.2273	.00003	.00045	19	22	58	75.8485	.00000	.00061
18	55	26	10.2955	.00003	.00048	19	23	57	71.6439	.00000	.00061
18	56	25	10.5000	.00003	.00051	19	24	56	67.5758	.00000	.00061
18	57	24	10.8409	.00003	.00054	19	25	55	63.6439	.00000	.00061
18	58	23	11.3182	.00002	.00056	19	26	54	59.8485	.00000	.00061
18	59	22	11.9318	.00002	.00058	19	27	53	56.1894	.00000	.00061
18	60	21	12.6818	.00001	.00059	19	28	52	52.6667	.00000	.00061
18	61	20	13.5682	.00001	.00060	19	29	51	49.2803	.00000	.00061
18	62	19	14.5909	.00001	.00060	19	30	50	46.0303	.00000	.00061
18	63	18	15.7500	.00000	.00061	19	31	49	42.9167	.00000	.00061

(4)

AD-A056 920 SCRIPPS INSTITUTION OF OCEANOGRAPHY LA JOLLA CALIF F/G 4/2
CLIMATE FORECAST VERIFICATION VIA MULTINOMIAL STOCHASTERS,(U)
DEC 77 R W PREISENDORFER N00014-75-C-0152
UNCLASSIFIED SIO-REF-77-33 NL

2 OF 2
AD
A056 920

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9-78
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TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
19	32	48	39.9394	.00000	.00061	20	1	78	189.6894	.00000	.00136
19	33	47	37.0985	.00000	.00061	20	2	77	182.7121	.00000	.00136
19	34	46	34.3939	.00000	.00061	20	3	76	175.8712	.00000	.00136
19	35	45	31.8258	.00000	.00061	20	4	75	169.1667	.00000	.00136
19	36	44	29.3939	.00000	.00061	20	5	74	162.5985	.00000	.00136
19	37	43	27.1985	.00000	.00061	20	6	73	156.1667	.00000	.00136
19	38	42	24.9394	.00000	.00061	20	7	72	149.8712	.00000	.00136
19	39	41	22.9167	.00000	.00061	20	8	71	143.7121	.00000	.00136
19	40	40	21.0303	.00000	.00061	20	9	70	137.6894	.00000	.00136
19	41	39	19.2803	.00000	.00061	20	10	69	131.8030	.00000	.00136
19	42	38	17.6667	.00000	.00061	20	11	68	126.0530	.00000	.00136
19	43	37	16.1894	.00000	.00062	20	12	67	120.4394	.00000	.00136
19	44	36	14.8485	.00001	.00062	20	13	66	114.9621	.00000	.00136
19	45	35	13.6439	.00001	.00063	20	14	65	109.6212	.00000	.00136
19	46	34	12.5758	.00002	.00065	20	15	64	104.4167	.00000	.00136
19	47	33	11.6439	.00002	.00067	20	16	63	99.3485	.00000	.00136
19	48	32	10.8485	.00003	.00071	20	17	62	94.4167	.00000	.00136
19	49	31	10.1894	.00004	.00075	20	18	61	89.6212	.00000	.00136
19	50	30	9.6667	.00005	.00080	20	19	60	84.9621	.00000	.00136
19	51	29	9.2803	.00006	.00086	20	20	59	80.4394	.00000	.00136
19	52	28	9.0303	.00007	.00092	20	21	58	76.0530	.00000	.00136
19	53	27	8.9167	.00007	.00099	20	22	57	71.8030	.00000	.00136
19	54	26	8.9394	.00007	.00107	20	23	56	67.6894	.00000	.00136
19	55	25	9.0985	.00006	.00113	20	24	55	63.7121	.00000	.00136
19	56	24	9.3939	.00006	.00119	20	25	54	59.8712	.00000	.00136
19	57	23	9.8258	.00005	.00124	20	26	53	56.1667	.00000	.00136
19	58	22	10.3939	.00004	.00128	20	27	52	52.5985	.00000	.00136
19	59	21	11.0985	.00003	.00131	20	28	51	49.1667	.00000	.00136
19	60	20	11.9394	.00002	.00133	20	29	50	45.8712	.00000	.00136
19	61	19	12.9167	.00001	.00135	20	30	49	42.7121	.00000	.00136
19	62	18	14.0303	.00001	.00135	20	31	48	39.6894	.00000	.00136
19	63	17	15.2803	.00000	.00136	20	32	47	36.8030	.00000	.00136
19	64	16	16.6667	.00000	.00136	20	33	46	34.0530	.00000	.00136
19	65	15	18.1894	.00000	.00136	20	34	45	31.4394	.00000	.00136
19	66	14	19.8485	.00000	.00136	20	35	44	28.9621	.00000	.00136
19	67	13	21.6439	.00000	.00136	20	36	43	26.6212	.00000	.00136
19	68	12	23.5758	.00000	.00136	20	37	42	24.4167	.00000	.00136
19	69	11	25.6439	.00000	.00136	20	38	41	22.3485	.00000	.00136
19	70	10	27.8485	.00000	.00136	20	39	40	20.4167	.00000	.00137
19	71	9	30.1894	.00000	.00136	20	40	39	18.6212	.00000	.00137
19	72	8	32.6667	.00000	.00136	20	41	38	16.9621	.00000	.00137
19	73	7	35.2803	.00000	.00136	20	42	37	15.4394	.00001	.00138
19	74	6	38.0303	.00000	.00136	20	43	36	14.0530	.00001	.00139
19	75	5	40.9167	.00000	.00136	20	44	35	12.8030	.00002	.00141
19	76	4	43.9394	.00000	.00136	20	45	34	11.6894	.00003	.00143
19	77	3	47.0985	.00000	.00136	20	46	33	10.7121	.00004	.00147
19	78	2	50.3939	.00000	.00136	20	47	32	9.8712	.00006	.00153
19	79	1	53.8258	.00000	.00136	20	48	31	9.1667	.00008	.00161
19	80	0	57.3939	.00000	.00136	20	49	30	8.5985	.00010	.00170
20	0	79	195.8030	.00000	.00136	20	50	29	8.1667	.00011	.00182

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
20	51	28	7.8712	.00013	.00195	21	21	57	72.0682	.00000	.00287
20	52	27	7.7121	.00014	.00209	21	22	56	67.9091	.00000	.00287
20	53	26	7.6894	.00014	.00223	21	23	55	63.8864	.00000	.00287
20	54	25	7.8030	.00014	.00237	21	24	54	60.0000	.00000	.00287
20	55	24	8.0530	.00013	.00249	21	25	53	56.2500	.00000	.00287
20	56	23	8.4394	.00011	.00260	21	26	52	52.6364	.00000	.00287
20	57	22	8.9621	.00009	.00269	21	27	51	49.1591	.00000	.00287
20	58	21	9.6212	.00007	.00275	21	28	50	45.8182	.00000	.00287
20	59	20	10.4167	.00005	.00280	21	29	49	42.6136	.00000	.00287
20	60	19	11.3485	.00003	.00283	21	30	48	39.5455	.00000	.00287
20	61	18	12.4167	.00002	.00285	21	31	47	36.6136	.00000	.00287
20	62	17	13.6212	.00001	.00286	21	32	46	33.8182	.00000	.00287
20	63	16	14.9621	.00001	.00287	21	33	45	31.1591	.00000	.00287
20	64	15	16.4394	.00000	.00287	21	34	44	28.6364	.00000	.00287
20	65	14	18.0530	.00000	.00287	21	35	43	26.2500	.00000	.00287
20	66	13	19.8030	.00000	.00287	21	36	42	24.0000	.00000	.00287
20	67	12	21.6894	.00000	.00287	21	37	41	21.8864	.00000	.00287
20	68	11	23.7121	.00000	.00287	21	38	40	19.9091	.00000	.00287
20	69	10	25.8712	.00000	.00287	21	39	39	18.0682	.00000	.00288
20	70	9	28.1667	.00000	.00287	21	40	38	16.3636	.00001	.00288
20	71	8	30.5985	.00000	.00287	21	41	37	14.7955	.00001	.00289
20	72	7	33.1667	.00000	.00287	21	42	36	13.3636	.00002	.00291
20	73	6	35.8712	.00000	.00287	21	43	35	12.0682	.00003	.00294
20	74	5	38.7121	.00000	.00287	21	44	34	10.9091	.00004	.00298
20	75	4	41.6894	.00000	.00287	21	45	33	9.8864	.00007	.00305
20	76	3	44.8030	.00000	.00287	21	46	32	9.0000	.00010	.00314
20	77	2	48.0530	.00000	.00287	21	47	31	8.2500	.00013	.00327
20	78	1	51.4394	.00000	.00287	21	48	30	7.6364	.00017	.00344
20	79	0	54.9621	.00000	.00287	21	49	29	7.1591	.00020	.00364
21	0	78	190.9091	.00000	.00287	21	50	28	6.8182	.00024	.00388
21	1	77	183.8864	.00000	.00287	21	51	27	6.6136	.00026	.00414
21	2	76	177.0000	.00000	.00287	21	52	26	6.5455	.00027	.00441
21	3	75	170.2500	.00000	.00287	21	53	25	6.6136	.00027	.00468
21	4	74	163.6364	.00000	.00287	21	54	24	6.8182	.00025	.00492
21	5	73	157.1591	.00000	.00287	21	55	23	7.1591	.00021	.00514
21	6	72	150.8182	.00000	.00287	21	56	22	7.6364	.00018	.00532
21	7	71	144.6136	.00000	.00287	21	57	21	8.2500	.00014	.00545
21	8	70	138.5455	.00000	.00287	21	58	20	9.0000	.00010	.00555
21	9	69	132.6136	.00000	.00287	21	59	19	9.8864	.00007	.00562
21	10	68	126.8182	.00000	.00287	21	60	18	10.9091	.00004	.00566
21	11	67	121.1591	.00000	.00287	21	61	17	12.0682	.00002	.00568
21	12	66	115.6364	.00000	.00287	21	62	16	13.3636	.00001	.00570
21	13	65	110.2500	.00000	.00287	21	63	15	14.7955	.00001	.00571
21	14	64	105.0000	.00000	.00287	21	64	14	16.3636	.00000	.00571
21	15	63	99.8864	.00000	.00287	21	65	13	18.0682	.00000	.00571
21	16	62	94.9091	.00000	.00287	21	65	12	19.9091	.00000	.00571
21	17	61	90.0682	.00000	.00287	21	67	11	21.8864	.00000	.00571
21	18	60	85.3636	.00000	.00287	21	68	10	24.0000	.00000	.00571
21	19	59	80.7955	.00000	.00287	21	69	9	26.2500	.00000	.00571
21	20	58	76.3636	.00000	.00287	21	70	8	28.6364	.00000	.00571

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
21	71	7	31.1591	.00000	.00571	22	42	35	11.4394	.00004	.00580
21	72	6	33.8182	.00000	.00571	22	43	34	10.2348	.00007	.00587
21	73	5	35.6136	.00000	.00571	22	44	33	9.1667	.00010	.00597
21	74	4	39.5455	.00000	.00571	22	45	32	8.2348	.00015	.00612
21	75	3	42.6136	.00000	.00571	22	46	31	7.4394	.00021	.00632
21	76	2	45.8182	.00000	.00571	22	47	30	6.7803	.00027	.00660
21	77	1	49.1591	.00000	.00571	22	48	29	6.2576	.00034	.00694
21	78	0	52.6364	.00000	.00571	22	49	28	5.8712	.00040	.00735
22	0	77	185.1667	.00000	.00571	22	50	27	5.6212	.00045	.00780
22	1	76	178.2348	.00000	.00571	22	51	26	5.5076	.00048	.00828
22	2	75	171.4394	.00000	.00571	22	52	25	5.5303	.00048	.00876
22	3	74	164.7803	.00000	.00571	22	53	24	5.6894	.00045	.00921
22	4	73	158.2576	.00000	.00571	22	54	23	5.9848	.00040	.00962
22	5	72	151.8712	.00000	.00571	22	55	22	6.4167	.00034	.00995
22	6	71	145.6212	.00000	.00571	22	56	21	6.9848	.00026	.01022
22	7	70	139.5076	.00000	.00571	22	57	20	7.6894	.00020	.01041
22	8	69	133.5303	.00000	.00571	22	58	19	8.5303	.00013	.01055
22	9	68	127.6894	.00000	.00571	22	59	18	9.5076	.00009	.01063
22	10	67	121.9848	.00000	.00571	22	60	17	10.6212	.00005	.01069
22	11	66	116.4167	.00000	.00571	22	61	16	11.8712	.00003	.01071
22	12	65	110.9848	.00000	.00571	22	62	15	13.2576	.00001	.01073
22	13	64	105.6894	.00000	.00571	22	63	14	14.7803	.00001	.01074
22	14	63	100.5303	.00000	.00571	22	64	13	16.4394	.00000	.01074
22	15	62	95.5076	.00000	.00571	22	65	12	18.2348	.00000	.01074
22	16	61	90.6212	.00000	.00571	22	66	11	20.1667	.00000	.01074
22	17	60	85.8712	.00000	.00571	22	67	10	22.2348	.00000	.01074
22	18	59	81.2576	.00000	.00571	22	68	9	24.4394	.00000	.01074
22	19	58	76.7803	.00000	.00571	22	69	8	26.7803	.00000	.01074
22	20	57	72.4394	.00000	.00571	22	70	7	29.2576	.00000	.01074
22	21	56	68.2348	.00000	.00571	22	71	6	31.8712	.00000	.01074
22	22	55	64.1667	.00000	.00571	22	72	5	34.6212	.00000	.01074
22	23	54	60.2348	.00000	.00571	22	73	4	37.5076	.00000	.01074
22	24	53	56.4394	.00000	.00571	22	74	3	40.5303	.00000	.01074
22	25	52	52.7803	.00000	.00571	22	75	2	43.6894	.00000	.01074
22	26	51	49.2576	.00000	.00571	22	76	1	46.9848	.00000	.01074
22	27	50	45.8712	.00000	.00571	22	77	0	50.4167	.00000	.01074
22	28	49	42.6212	.00000	.00571	23	0	76	179.5758	.00000	.01074
22	29	48	39.5076	.00000	.00571	23	1	75	172.7348	.00000	.01074
22	30	47	36.5303	.00000	.00571	23	2	74	166.0303	.00000	.01074
22	31	46	33.6894	.00000	.00571	23	3	73	159.4621	.00000	.01074
22	32	45	30.9848	.00000	.00571	23	4	72	153.0303	.00000	.01074
22	33	44	28.4167	.00000	.00571	23	5	71	146.7348	.00000	.01074
22	34	43	25.9848	.00000	.00571	23	6	70	140.5758	.00000	.01074
22	35	42	23.6894	.00000	.00571	23	7	69	134.5530	.00000	.01074
22	36	41	21.5303	.00000	.00571	23	8	68	128.6667	.00000	.01074
22	37	40	19.5076	.00000	.00571	23	9	67	122.9167	.00000	.01074
22	38	39	17.6212	.00000	.00572	23	10	66	117.3030	.00000	.01074
22	39	38	15.8712	.00001	.00572	23	11	65	111.8258	.00000	.01074
22	40	37	14.2576	.00001	.00574	23	12	64	106.4848	.00000	.01074
22	41	36	12.7803	.00002	.00576	23	13	63	101.2803	.00000	.01074

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
23	14	62	96.2121	.00000	.01074	23	64	12	16.6667	.00000	.01916
23	15	61	91.2803	.00000	.01074	23	65	11	18.5530	.00000	.01916
23	16	60	86.4848	.00000	.01074	23	66	10	20.5758	.00000	.01916
23	17	59	81.8258	.00000	.01074	23	67	9	22.7348	.00000	.01916
23	18	58	77.3030	.00000	.01074	23	68	8	25.0303	.00000	.01916
23	19	57	72.9167	.00000	.01074	23	69	7	27.4621	.00000	.01916
23	20	56	68.6667	.00000	.01074	23	70	6	30.0303	.00000	.01916
23	21	55	64.5530	.00000	.01074	23	71	5	32.7348	.00000	.01916
23	22	54	60.5758	.00000	.01074	23	72	4	35.5758	.00000	.01916
23	23	53	56.7348	.00000	.01074	23	73	3	38.5530	.00000	.01916
23	24	52	53.0303	.00000	.01074	23	74	2	41.6667	.00000	.01916
23	25	51	49.4621	.00000	.01074	23	75	1	44.9167	.00000	.01916
23	26	50	46.0303	.00000	.01074	23	76	0	48.3030	.00000	.01916
23	27	49	42.7348	.00000	.01074	24	0	75	174.1364	.00000	.01916
23	28	48	39.5758	.00000	.01074	24	1	74	167.3864	.00000	.01916
23	29	47	36.5530	.00000	.01074	24	2	73	160.7727	.00000	.01916
23	30	46	33.6667	.00000	.01074	24	3	72	154.2955	.00000	.01916
23	31	45	30.9167	.00000	.01074	24	4	71	147.9545	.00000	.01916
23	32	44	28.3030	.00000	.01074	24	5	70	141.7500	.00000	.01916
23	33	43	25.8258	.00000	.01074	24	6	69	135.6818	.00000	.01916
23	34	42	23.4848	.00000	.01074	24	7	68	129.7500	.00000	.01916
23	35	41	21.2803	.00000	.01074	24	8	67	123.9545	.00000	.01916
23	36	40	19.2121	.00000	.01074	24	9	66	118.2955	.00000	.01916
23	37	39	17.2803	.00000	.01075	24	10	65	112.7727	.00000	.01916
23	38	38	15.4848	.00001	.01076	24	11	64	107.3864	.00000	.01916
23	39	37	13.8258	.00002	.01077	24	12	63	102.1364	.00000	.01916
23	40	36	12.3030	.00003	.01081	24	13	62	97.0227	.00000	.01916
23	41	35	10.9167	.00006	.01086	24	14	61	92.0455	.00000	.01916
23	42	34	9.6667	.00009	.01095	24	15	60	87.2045	.00000	.01916
23	43	33	8.5530	.00015	.01110	24	16	59	82.5000	.00000	.01916
23	44	32	7.5758	.00022	.01132	24	17	58	77.9318	.00000	.01916
23	45	31	6.7348	.00031	.01163	24	18	57	73.5000	.00000	.01916
23	46	30	6.0303	.00042	.01205	24	19	56	69.2045	.00000	.01916
23	47	29	5.4621	.00054	.01258	24	20	55	65.0455	.00000	.01916
23	48	28	5.0303	.00065	.01323	24	21	54	61.0227	.00000	.01916
23	49	27	4.7348	.00074	.01397	24	22	53	57.1364	.00000	.01916
23	50	26	4.5758	.00080	.01477	24	23	52	53.3864	.00000	.01916
23	51	25	4.5530	.00081	.01558	24	24	51	49.7727	.00000	.01916
23	52	24	4.6667	.00078	.01637	24	25	50	46.2955	.00000	.01916
23	53	23	4.9167	.00071	.01708	24	26	49	42.9545	.00000	.01916
23	54	22	5.3030	.00060	.01768	24	27	48	39.7500	.00000	.01916
23	55	21	5.8258	.00048	.01816	24	28	47	36.6818	.00000	.01916
23	56	20	6.4848	.00036	.01853	24	29	46	33.7500	.00000	.01916
23	57	19	7.2803	.00025	.01878	24	30	45	30.9545	.00000	.01916
23	58	18	8.2121	.00017	.01895	24	31	44	28.2955	.00000	.01916
23	59	17	9.2803	.00010	.01905	24	32	43	25.7727	.00000	.01916
23	60	16	10.4848	.00006	.01911	24	33	42	23.3864	.00000	.01916
23	61	15	11.8258	.00003	.01914	24	34	41	21.1364	.00000	.01916
23	62	14	13.3030	.00001	.01915	24	35	40	19.0227	.00000	.01917
23	63	13	14.9167	.00001	.01916	24	36	39	17.0455	.00000	.01917

TABLE A

CHI SQUARE - P.(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
24	37	38	13.2045	.00001	.01918	25	11	63	103.0985	.00000	.03250
24	38	37	13.5600	.00002	.01920	25	12	62	97.9394	.00000	.03250
24	39	36	11.9316	.00004	.01924	25	13	61	92.9167	.00000	.03250
24	40	35	10.5000	.00007	.01931	25	14	60	88.0303	.00000	.03250
24	41	34	9.2045	.00012	.01943	25	15	59	83.2803	.00000	.03250
24	42	33	8.0455	.00020	.01963	25	16	58	78.6667	.00000	.03250
24	43	32	7.2227	.00030	.01993	25	17	57	74.1894	.00000	.03250
24	44	31	6.1364	.00044	.02037	25	18	56	69.8485	.00000	.03250
24	45	30	5.3864	.00060	.02097	25	19	55	65.6439	.00000	.03250
24	46	29	4.7727	.00079	.02176	25	20	54	61.5758	.00000	.03250
24	47	28	4.2955	.00097	.02273	25	21	53	57.6439	.00000	.03250
24	48	27	3.9545	.00113	.02386	25	22	52	53.8485	.00000	.03250
24	49	26	3.7500	.00125	.02511	25	23	51	50.1894	.00000	.03250
24	50	25	3.6818	.00130	.02641	25	24	50	46.6667	.00000	.03250
24	51	24	3.7500	.00127	.02768	25	25	49	43.2803	.00000	.03250
24	52	23	3.9545	.00117	.02885	25	26	48	40.0303	.00000	.03250
24	53	22	4.2955	.00102	.02987	25	27	47	36.9167	.00000	.03250
24	54	21	4.7727	.00083	.03070	25	28	46	33.9394	.00000	.03250
24	55	20	5.3864	.00063	.03134	25	29	45	31.0985	.00000	.03250
24	56	19	6.1364	.00045	.03179	25	30	44	28.3939	.00000	.03251
24	57	18	7.0227	.00030	.03209	25	31	43	25.8258	.00000	.03251
24	58	17	8.0455	.00019	.03228	25	32	42	23.3939	.00000	.03251
24	59	16	9.2045	.00011	.03239	25	33	41	21.0985	.00000	.03251
24	60	15	10.5000	.00006	.03245	25	34	40	18.9394	.00000	.03251
24	61	14	11.9318	.00003	.03247	25	35	39	16.9167	.00001	.03252
24	62	13	13.5600	.00001	.03249	25	36	38	15.0303	.00001	.03252
24	63	12	15.2045	.00001	.03249	25	37	37	13.2803	.00002	.03254
24	64	11	17.0455	.00000	.03249	25	38	36	11.6667	.00005	.03259
24	65	10	19.0227	.00000	.03249	25	39	35	10.1894	.00009	.03267
24	66	9	21.1364	.00000	.03250	25	40	34	8.8485	.00015	.03282
24	67	8	23.3864	.00000	.03250	25	41	33	7.6439	.00025	.03307
24	68	7	25.7727	.00000	.03250	25	42	32	6.5758	.00039	.03345
24	69	6	28.2955	.00000	.03250	25	43	31	5.6439	.00058	.03403
24	70	5	30.9545	.00000	.03250	25	44	30	4.8485	.00081	.03485
24	71	4	33.7500	.00000	.03250	25	45	29	4.1894	.00109	.03593
24	72	3	36.6818	.00000	.03250	25	46	28	3.6667	.00137	.03730
24	73	2	39.7500	.00000	.03250	25	47	27	3.2803	.00163	.03893
24	74	1	42.9545	.00000	.03250	25	48	26	3.0303	.00183	.04077
24	75	0	46.2955	.00000	.03250	25	49	25	2.9167	.00195	.04271
25	0	74	166.8485	.00000	.03250	25	50	24	2.9394	.00195	.04466
25	1	73	160.1894	.00000	.03250	25	51	23	3.0985	.00183	.04649
25	2	72	153.6667	.00000	.03250	25	52	22	3.3939	.00162	.04811
25	3	71	149.2803	.00000	.03250	25	53	21	3.8258	.00135	.04946
25	4	70	143.0303	.00000	.03250	25	54	20	4.3939	.00105	.05050
25	5	69	135.9167	.00000	.03250	25	55	19	5.0985	.00076	.05127
25	6	68	131.9394	.00000	.03250	25	56	18	5.9394	.00052	.05178
25	7	67	125.8485	.00000	.03250	25	57	17	6.9167	.00033	.05211
25	8	66	119.3939	.00000	.03250	25	58	16	8.0303	.00019	.05230
25	9	65	113.8258	.00000	.03250	25	59	15	9.2803	.00010	.05240
25	10	64	108.3939	.00000	.03250	25	60	14	10.6667	.00005	.05246

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
25	61	13	12.1894	.00002	.05248	26	36	37	13.1667	.00003	.05254
25	62	12	13.8485	.00001	.05249	26	37	36	11.5076	.00005	.05259
25	63	11	15.6439	.00000	.05249	26	38	35	9.9848	.00010	.05269
25	64	10	17.5758	.00000	.05249	26	39	34	8.5985	.00017	.05286
25	65	9	19.6439	.00000	.05249	26	40	33	7.3485	.00029	.05315
25	66	8	21.8485	.00000	.05249	26	41	32	6.2348	.00047	.05362
25	67	7	24.1894	.00000	.05249	26	42	31	5.2576	.00072	.05434
25	68	6	26.6667	.00000	.05249	26	43	30	4.4167	.00103	.05537
25	69	5	29.2803	.00000	.05249	26	44	29	3.7121	.00141	.05678
25	70	4	32.0303	.00000	.05249	26	45	28	3.1439	.00182	.05860
25	71	3	34.9167	.00000	.05249	26	46	27	2.7121	.00221	.06081
25	72	2	37.9394	.00000	.05249	26	47	26	2.4167	.00254	.06335
25	73	1	41.0985	.00000	.05249	26	48	25	2.2576	.00275	.06610
25	74	0	44.3939	.00000	.05249	26	49	24	2.2348	.00281	.06891
26	0	73	163.7121	.00000	.05249	26	50	23	2.3485	.00270	.07160
26	1	72	157.1439	.00000	.05249	26	51	22	2.5985	.00243	.07403
26	2	71	150.7121	.00000	.05249	26	52	21	2.9848	.00206	.07609
26	3	70	144.9167	.00000	.05249	26	53	20	3.5076	.00163	.07772
26	4	69	138.2576	.00000	.05249	26	54	19	4.1667	.00121	.07893
26	5	68	132.2348	.00000	.05249	26	55	18	4.9621	.00083	.07976
26	6	67	126.3485	.00000	.05249	26	56	17	5.8939	.00054	.08030
26	7	66	120.5985	.00000	.05249	26	57	16	6.9621	.00032	.08062
26	8	65	114.9848	.00000	.05249	26	58	15	8.1667	.00018	.08080
26	9	64	109.5076	.00000	.05249	26	59	14	9.5076	.00009	.08089
26	10	63	104.1667	.00000	.05249	26	60	13	10.9848	.00004	.08093
26	11	62	98.9621	.00000	.05249	26	61	12	12.5985	.00002	.08095
26	12	61	93.8939	.00000	.05249	26	62	11	14.3485	.00001	.08095
26	13	60	88.9621	.00000	.05249	26	63	10	16.2348	.00000	.08095
26	14	59	84.1667	.00000	.05249	26	64	9	18.2576	.00000	.08096
26	15	58	79.5076	.00000	.05249	26	65	8	20.4167	.00000	.08096
26	16	57	74.9848	.00000	.05249	26	66	7	22.7121	.00000	.08096
26	17	56	70.5985	.00000	.05249	26	67	6	25.1439	.00000	.08096
26	18	55	66.3485	.00000	.05249	26	68	5	27.7121	.00000	.08096
26	19	54	62.2348	.00000	.05249	26	69	4	30.4167	.00000	.08096
26	20	53	58.2576	.00000	.05249	26	70	3	33.2576	.00000	.08096
26	21	52	54.4167	.00000	.05249	26	71	2	36.2348	.00000	.08096
26	22	51	50.7121	.00000	.05249	26	72	1	39.3485	.00000	.08096
26	23	50	47.1439	.00000	.05249	26	73	0	42.5985	.00000	.08096
26	24	49	43.7121	.00000	.05249	27	0	72	158.7273	.00000	.08096
26	25	48	40.4167	.00000	.05249	27	1	71	152.2500	.00000	.08096
26	26	47	37.2576	.00000	.05249	27	2	70	145.9091	.00000	.08096
26	27	46	34.2348	.00000	.05249	27	3	69	139.7045	.00000	.08096
26	28	45	31.3485	.00000	.05249	27	4	68	133.6364	.00000	.08096
26	29	44	28.5985	.00000	.05249	27	5	67	127.7045	.00000	.08096
26	30	43	25.9848	.00000	.05250	27	6	66	121.9091	.00000	.08096
26	31	42	23.5076	.00000	.05250	27	7	65	116.2500	.00000	.08096
26	32	41	21.1667	.00000	.05250	27	8	64	110.7273	.00000	.08096
26	33	40	18.9621	.00000	.05251	27	9	63	105.3409	.00000	.08096
26	34	39	16.8939	.00001	.05251	27	10	62	100.0909	.00000	.08096
26	35	38	14.9621	.00001	.05252	27	11	61	94.9773	.00000	.08096

TABLE A

CHI SQUARE - P.(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
27	12	60	90.0000	.00000	.08096	27	62	10	15.0000	.00000	.11943
27	13	59	85.1591	.00000	.08096	27	63	9	16.9773	.00000	.11943
27	14	58	80.4545	.00000	.08096	27	64	8	19.0909	.00000	.11943
27	15	57	75.8864	.00000	.08096	27	65	7	21.3409	.00000	.11943
27	16	56	71.4545	.00000	.08096	27	66	6	23.7273	.00000	.11943
27	17	55	67.1591	.00000	.08096	27	67	5	26.2500	.00000	.11943
27	18	54	63.0000	.00000	.08096	27	68	4	28.9091	.00000	.11943
27	19	53	58.9773	.00000	.08096	27	69	3	31.7045	.00000	.11943
27	20	52	55.0909	.00000	.08096	27	70	2	34.6364	.00000	.11943
27	21	51	51.3409	.00000	.08096	27	71	1	37.7045	.00000	.11943
27	22	50	47.7273	.00000	.08096	27	72	0	40.9091	.00000	.11943
27	23	49	44.2500	.00000	.08096	28	0	71	153.8939	.00000	.11943
27	24	48	40.9091	.00000	.08096	28	1	70	147.5076	.00000	.11943
27	25	47	37.7045	.00000	.08096	28	2	69	141.2576	.00000	.11943
27	26	46	34.6364	.00000	.08096	28	3	68	135.1439	.00000	.11943
27	27	45	31.7045	.00000	.08096	28	4	67	129.1667	.00000	.11943
27	28	44	28.9091	.00000	.08096	28	5	66	123.3258	.00000	.11943
27	29	43	26.2500	.00000	.08096	28	6	65	117.6212	.00000	.11943
27	30	42	23.7273	.00000	.08096	28	7	64	112.0530	.00000	.11943
27	31	41	21.3409	.00000	.08096	28	8	63	106.6212	.00000	.11943
27	32	40	19.0909	.00000	.08096	28	9	62	101.3258	.00000	.11943
27	33	39	16.9773	.00001	.08096	28	10	61	96.1667	.00000	.11943
27	34	38	15.0000	.00001	.08098	28	11	60	91.1439	.00000	.11943
27	35	37	13.1591	.00003	.08100	28	12	59	86.2576	.00000	.11943
27	36	36	11.4545	.00005	.08105	28	13	58	81.5076	.00000	.11943
27	37	35	9.8864	.00010	.08115	28	14	57	76.8939	.00000	.11943
27	38	34	8.4545	.00019	.08134	28	15	56	72.4167	.00000	.11943
27	39	33	7.1591	.00032	.08167	28	16	55	68.0758	.00000	.11943
27	40	32	6.0000	.00054	.08220	28	17	54	63.8712	.00000	.11943
27	41	31	4.9773	.00084	.08304	28	18	53	59.8030	.00000	.11943
27	42	30	4.0909	.00123	.08427	28	19	52	55.8712	.00000	.11943
27	43	29	3.3409	.00172	.08599	28	20	51	52.0758	.00000	.11943
27	44	28	2.7273	.00227	.08826	28	21	50	48.4167	.00000	.11943
27	45	27	2.2500	.00282	.09109	28	22	49	44.8939	.00000	.11943
27	46	26	1.9091	.00332	.09440	28	23	48	41.5076	.00000	.11943
27	47	25	1.7045	.00367	.09807	28	24	47	38.2576	.00000	.11943
27	48	24	1.6364	.00382	.10189	28	25	46	35.1439	.00000	.11943
27	49	23	1.7045	.00374	.10564	28	26	45	32.1667	.00000	.11943
27	50	22	1.9091	.00344	.10908	28	27	44	29.3258	.00000	.11943
27	51	21	2.2500	.00297	.11205	28	28	43	26.6212	.00000	.11943
27	52	20	2.7273	.00240	.11445	28	29	42	24.0530	.00000	.11943
27	53	19	3.3409	.00181	.11627	28	30	41	21.6212	.00000	.11943
27	54	18	4.0909	.00127	.11754	28	31	40	19.3258	.00000	.11943
27	55	17	4.9773	.00083	.11838	28	32	39	17.1667	.00000	.11944
27	56	16	6.0000	.00051	.11888	28	33	38	15.1439	.00001	.11945
27	57	15	7.1591	.00028	.11917	28	34	37	13.2576	.00002	.11947
27	58	14	8.4545	.00015	.11931	28	35	36	11.5076	.00005	.11952
27	59	13	9.8864	.00007	.11938	28	36	35	9.8939	.00010	.11962
27	60	12	11.4545	.00003	.11941	28	37	34	8.4167	.00019	.11981
27	61	11	13.1591	.00001	.11943	28	38	33	7.0758	.00034	.12015

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
28	39	32	5.8712	.00057	.12073	29	17	53	60.7348	.00000	.16890
28	40	31	4.8030	.00092	.12164	29	18	52	56.7576	.00000	.16890
28	41	30	3.8712	.00139	.12303	29	19	51	52.9167	.00000	.16890
28	42	29	3.0758	.00198	.12502	29	20	50	49.2121	.00000	.16890
28	43	28	2.4167	.00268	.12769	29	21	49	45.6439	.00000	.16890
28	44	27	1.8939	.00340	.13110	29	22	48	42.2121	.00000	.16890
28	45	26	1.5076	.00409	.13518	29	23	47	38.9167	.00000	.16890
28	46	25	1.2576	.00462	.13980	29	24	46	35.7576	.00000	.16890
28	47	24	1.1439	.00491	.14471	29	25	45	32.7348	.00000	.16890
28	48	23	1.1667	.00491	.14963	29	26	44	29.8485	.00000	.16890
28	49	22	1.3258	.00461	.15424	29	27	43	27.0985	.00000	.16890
28	50	21	1.6212	.00406	.15830	29	28	42	24.4848	.00000	.16890
28	51	20	2.0530	.00334	.16164	29	29	41	22.0076	.00000	.16890
28	52	19	2.6212	.00257	.16422	29	30	40	19.6667	.00000	.16890
28	53	18	3.3258	.00184	.16606	29	31	39	17.4621	.00000	.16891
28	54	17	4.1667	.00123	.16729	29	32	38	15.3939	.00001	.16891
28	55	16	5.1439	.00076	.16805	29	33	37	13.4621	.00002	.16894
28	56	15	6.2576	.00043	.16848	29	34	36	11.6667	.00005	.16898
28	57	14	7.5076	.00023	.16871	29	35	35	10.0076	.00009	.16907
28	58	13	8.8939	.00011	.16882	29	36	34	8.4848	.00018	.16925
28	59	12	10.4167	.00005	.16887	29	37	33	7.0985	.00033	.16959
28	60	11	12.0758	.00002	.16889	29	38	32	5.8485	.00058	.17017
28	61	10	13.8712	.00001	.16890	29	39	31	4.7348	.00095	.17112
28	62	9	15.8030	.00000	.16890	29	40	30	3.7576	.00147	.17259
28	63	8	17.8712	.00000	.16890	29	41	29	2.9167	.00215	.17474
28	64	7	20.0758	.00000	.16890	29	42	28	2.2121	.00298	.17772
28	65	6	22.4167	.00000	.16890	29	43	27	1.6439	.00387	.18159
28	66	5	24.8939	.00000	.16890	29	44	26	1.2121	.00476	.18635
28	67	4	27.5076	.00000	.16890	29	45	25	.9167	.00549	.19184
28	68	3	30.2576	.00000	.16890	29	46	24	.7576	.00597	.19782
28	69	2	33.1439	.00000	.16890	29	47	23	.7348	.00610	.20392
28	70	1	36.1667	.00000	.16890	29	48	22	.8485	.00585	.20976
28	71	0	39.3258	.00000	.16890	29	49	21	1.0985	.00525	.21501
29	0	70	149.2121	.00000	.16890	29	50	20	1.4848	.00441	.21942
29	1	69	142.9167	.00000	.16890	29	51	19	2.0076	.00346	.22288
29	2	68	136.7576	.00000	.16890	29	52	18	2.6667	.00253	.22541
29	3	67	130.7348	.00000	.16890	29	53	17	3.4621	.00172	.22712
29	4	66	124.8485	.00000	.16890	29	54	16	4.3939	.00108	.22820
29	5	65	119.0985	.00000	.16890	29	55	15	5.4621	.00063	.22883
29	6	64	113.4848	.00000	.16890	29	56	14	6.6667	.00034	.22917
29	7	63	108.0076	.00000	.16890	29	57	13	8.0076	.00017	.22933
29	8	62	102.6667	.00000	.16890	29	58	12	9.4848	.00007	.22941
29	9	61	97.4621	.00000	.16890	29	59	11	11.0985	.00003	.22944
29	10	60	92.3939	.00000	.16890	29	60	10	12.8485	.00001	.22945
29	11	59	87.4621	.00000	.16890	29	61	9	14.7348	.00000	.22945
29	12	58	82.6667	.00000	.16890	29	62	8	16.7576	.00000	.22945
29	13	57	78.0076	.00000	.16890	29	63	7	18.9167	.00000	.22945
29	14	56	73.4848	.00000	.16890	29	64	6	21.2121	.00000	.22945
29	15	55	69.0985	.00000	.16890	29	65	5	23.6439	.00000	.22945
29	16	54	64.8485	.00000	.16890	29	66	4	26.2121	.00000	.22945

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
29	67	3	28.9167	.00000	.22945	30	46	23	.4091	.00717	.26797
29	68	2	31.7576	.00000	.22945	30	47	22	.4773	.00701	.27498
29	69	1	34.7348	.00000	.22945	30	48	21	.6818	.00643	.28141
29	70	0	37.8485	.00000	.22945	30	49	20	1.0227	.00551	.28693
30	0	69	144.6818	.00000	.22945	30	50	19	1.5000	.00441	.29134
30	1	68	138.4773	.00000	.22945	30	51	18	2.1136	.00329	.29462
30	2	67	132.4091	.00000	.22945	30	52	17	2.8636	.00227	.29690
30	3	66	126.4773	.00000	.22945	30	53	16	3.7500	.00146	.29835
30	4	65	120.6818	.00000	.22945	30	54	15	4.7727	.00086	.29922
30	5	64	115.0227	.00000	.22945	30	55	14	5.9318	.00047	.29969
30	6	63	109.5000	.00000	.22945	30	56	13	7.2273	.00024	.29993
30	7	62	104.1136	.00000	.22945	30	57	12	8.6591	.00011	.30003
30	8	61	98.8636	.00000	.22945	30	58	11	10.2273	.00004	.30008
30	9	60	93.7500	.00000	.22945	30	59	10	11.9318	.00002	.30010
30	10	59	88.7727	.00000	.22945	30	60	9	13.7727	.00001	.30010
30	11	58	83.9318	.00000	.22945	30	61	8	15.7500	.00000	.30010
30	12	57	79.2273	.00000	.22945	30	62	7	17.8636	.00000	.30010
30	13	56	74.6591	.00000	.22945	30	63	6	20.1136	.00000	.30010
30	14	55	70.2273	.00000	.22945	30	64	5	22.5000	.00000	.30010
30	15	54	65.9318	.00000	.22945	30	65	4	25.0227	.00000	.30010
30	16	53	61.7727	.00000	.22945	30	66	3	27.6818	.00000	.30010
30	17	52	57.7500	.00000	.22945	30	67	2	30.4773	.00000	.30010
30	18	51	53.8636	.00000	.22945	30	68	1	33.4091	.00000	.30010
30	19	50	50.1136	.00000	.22945	30	69	0	36.4773	.00000	.30010
30	20	49	46.5000	.00000	.22945	31	0	68	140.3030	.00000	.30010
30	21	48	43.0227	.00000	.22945	31	1	67	134.1894	.00000	.30010
30	22	47	39.6818	.00000	.22945	31	2	66	128.2121	.00000	.30010
30	23	46	36.4773	.00000	.22945	31	3	65	122.3712	.00000	.30010
30	24	45	33.4091	.00000	.22945	31	4	64	116.6667	.00000	.30010
30	25	44	30.4773	.00000	.22945	31	5	63	111.0985	.00000	.30010
30	26	43	27.6818	.00000	.22946	31	6	62	105.6667	.00000	.30010
30	27	42	25.0227	.00000	.22946	31	7	61	100.3712	.00000	.30010
30	28	41	22.5000	.00000	.22946	31	8	60	95.2121	.00000	.30010
30	29	40	20.1136	.00000	.22946	31	9	59	90.1894	.00000	.30010
30	30	39	17.8636	.00000	.22946	31	10	58	85.3030	.00000	.30010
30	31	38	15.7500	.00001	.22947	31	11	57	80.5530	.00000	.30010
30	32	37	13.7727	.00002	.22948	31	12	56	75.9394	.00000	.30010
30	33	36	11.9318	.00004	.22952	31	13	55	71.4621	.00000	.30010
30	34	35	10.2273	.00008	.22960	31	14	54	67.1212	.00000	.30010
30	35	34	8.6591	.00016	.22977	31	15	53	62.9167	.00000	.30010
30	36	33	7.2273	.00031	.23008	31	16	52	58.8485	.00000	.30010
30	37	32	5.9318	.00055	.23063	31	17	51	54.9167	.00000	.30010
30	38	31	4.7727	.00093	.23155	31	18	50	51.1212	.00000	.30010
30	39	30	3.7500	.00147	.23302	31	19	49	47.4621	.00000	.30010
30	40	29	2.8636	.00221	.23523	31	20	48	43.9394	.00000	.30010
30	41	28	2.1136	.00312	.23836	31	21	47	40.5530	.00000	.30010
30	42	27	1.5000	.00417	.24252	31	22	46	37.3030	.00000	.30010
30	43	26	1.0227	.00523	.24775	31	23	45	34.1894	.00000	.30010
30	44	25	.6818	.00618	.25393	31	24	44	31.2121	.00000	.30010
30	45	24	.4773	.00687	.26080	31	25	43	28.3712	.00000	.30010

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
31	26	42	25.6667	.00000	.30010	32	7	60	96.7803	.00000	.37873
31	27	41	23.0985	.00000	.30010	32	8	59	91.7121	.00000	.37873
31	28	40	20.6667	.00000	.30010	32	9	58	86.7803	.00000	.37873
31	29	39	18.3712	.00000	.30011	32	10	57	81.9848	.00000	.37873
31	30	38	16.2121	.00001	.30011	32	11	56	77.3258	.00000	.37873
31	31	37	14.1894	.00001	.30013	32	12	55	72.8030	.00000	.37873
31	32	36	12.3030	.00003	.30016	32	13	54	68.4167	.00000	.37873
31	33	35	10.5530	.00007	.30022	32	14	53	64.1667	.00000	.37873
31	34	34	8.9394	.00014	.30036	32	15	52	60.0530	.00000	.37873
31	35	33	7.4621	.00027	.30063	32	16	51	56.0758	.00000	.37873
31	36	32	6.1212	.00049	.30112	32	17	50	52.2348	.00000	.37873
31	37	31	4.9167	.00085	.30197	32	18	49	48.5303	.00000	.37873
31	38	30	3.8485	.00139	.30336	32	19	48	44.9621	.00000	.37873
31	39	29	2.9167	.00214	.30550	32	20	47	41.5303	.00000	.37873
31	40	28	2.1212	.00310	.30860	32	21	46	38.2348	.00000	.37873
31	41	27	1.4621	.00423	.31283	32	22	45	35.0758	.00000	.37873
31	42	26	.9394	.00544	.31827	32	23	44	32.0530	.00000	.37873
31	43	25	.5530	.00658	.32485	32	24	43	29.1667	.00000	.37873
31	44	24	.3030	.00748	.33233	32	25	42	26.4167	.00000	.37873
31	45	23	.1894	.00798	.34031	32	26	41	23.8030	.00000	.37873
31	46	22	.2121	.00798	.34828	32	27	40	21.3258	.00000	.37873
31	47	21	.3712	.00747	.35575	32	28	39	18.9848	.00000	.37873
31	48	20	.6667	.00653	.36229	32	29	38	16.7803	.00000	.37873
31	49	19	1.0985	.00533	.36762	32	30	37	14.7121	.00001	.37874
31	50	18	1.6667	.00405	.37167	32	31	36	12.7803	.00002	.37877
31	51	17	2.3712	.00286	.37453	32	32	35	10.9848	.00005	.37882
31	52	16	3.2121	.00187	.37641	32	33	34	9.3258	.00011	.37893
31	53	15	4.1894	.00113	.37754	32	34	33	7.8030	.00022	.37915
31	54	14	5.3030	.00063	.37816	32	35	32	6.4167	.00042	.37956
31	55	13	6.5530	.00032	.37848	32	36	31	5.1667	.00074	.38030
31	56	12	7.9394	.00015	.37863	32	37	30	4.0530	.00124	.38154
31	57	11	9.4621	.00006	.37869	32	38	29	3.0758	.00195	.38349
31	58	10	11.1212	.00002	.37872	32	39	28	2.2348	.00291	.38640
31	59	9	12.9167	.00001	.37872	32	40	27	1.5303	.00407	.39047
31	60	8	14.8485	.00000	.37873	32	41	26	.9621	.00536	.39582
31	61	7	16.9167	.00000	.37873	32	42	25	.5303	.00663	.40245
31	62	6	19.1212	.00000	.37873	32	43	24	.2348	.00771	.41017
31	63	5	21.4621	.00000	.37873	32	44	23	.0758	.00841	.41858
31	64	4	23.9394	.00000	.37873	32	45	22	.0530	.00860	.42718
31	65	3	26.5530	.00000	.37873	32	46	21	.1667	.00823	.43540
31	66	2	29.3030	.00000	.37873	32	47	20	.4167	.00735	.44275
31	67	1	32.1894	.00000	.37873	32	48	19	.8030	.00613	.44888
31	68	0	35.2121	.00000	.37873	32	49	18	1.3258	.00475	.45363
32	0	67	136.0758	.00000	.37873	32	50	17	1.9848	.00342	.45705
32	1	66	130.0530	.00000	.37873	32	51	16	2.7803	.00228	.45933
32	2	65	124.1667	.00000	.37873	32	52	15	3.7121	.00140	.46073
32	3	64	118.4167	.00000	.37873	32	53	14	4.7803	.00079	.46153
32	4	63	112.8030	.00000	.37873	32	54	13	5.9848	.00041	.46194
32	5	62	107.3258	.00000	.37873	32	55	12	7.3258	.00019	.46214
32	6	61	101.9848	.00000	.37873	32	56	11	8.8030	.00008	.46222

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
32	57	10	10.4167	.00003	.46225	33	39	27	1.7045	.00370	.47252
32	58	9	12.1667	.00001	.46226	33	40	26	1.0909	.00499	.47751
32	59	8	14.0530	.00000	.46227	33	41	25	.6136	.00633	.48384
32	60	7	16.0758	.00000	.46227	33	42	24	.2727	.00754	.49138
32	61	6	18.2348	.00000	.46227	33	43	23	.0682	.00841	.49979
32	62	5	20.5303	.00000	.46227	33	44	22	0.0000	.00880	.50858
32	63	4	22.9621	.00000	.46227	33	45	21	.0682	.00860	.51718
32	64	3	25.5303	.00000	.46227	33	46	20	.2727	.00785	.52504
32	65	2	28.2348	.00000	.46227	33	47	19	.6136	.00668	.53172
32	66	1	31.0758	.00000	.46227	33	48	18	1.0909	.00529	.53701
32	67	0	34.0530	.00000	.46227	33	49	17	1.7045	.00389	.54090
33	0	66	132.0000	.00000	.46227	33	50	16	2.4545	.00264	.54354
33	1	65	126.0682	.00000	.46227	33	51	15	3.3409	.00166	.54520
33	2	64	120.2727	.00000	.46227	33	52	14	4.3636	.00096	.54615
33	3	63	114.6136	.00000	.46227	33	53	13	5.5227	.00051	.54666
33	4	62	109.0909	.00000	.46227	33	54	12	6.8182	.00024	.54690
33	5	61	103.7045	.00000	.46227	33	55	11	8.2500	.00011	.54701
33	6	60	98.4545	.00000	.46227	33	56	10	9.8182	.00004	.54705
33	7	59	93.3409	.00000	.46227	33	57	9	11.5227	.00001	.54707
33	8	58	88.3636	.00000	.46227	33	58	8	13.3636	.00000	.54707
33	9	57	83.5227	.00000	.46227	33	59	7	15.3409	.00000	.54707
33	10	56	78.8182	.00000	.46227	33	60	6	17.4545	.00000	.54707
33	11	55	74.2500	.00000	.46227	33	61	5	19.7045	.00000	.54707
33	12	54	69.8182	.00000	.46227	33	62	4	22.0909	.00000	.54707
33	13	53	65.5227	.00000	.46227	33	63	3	24.6136	.00000	.54707
33	14	52	61.3636	.00000	.46227	33	64	2	27.2727	.00000	.54707
33	15	51	57.3409	.00000	.46227	33	65	1	30.0682	.00000	.54707
33	16	50	53.4545	.00000	.46227	33	66	0	33.0000	.00000	.54707
33	17	49	49.7045	.00000	.46227	34	0	65	128.0758	.00000	.54707
33	18	48	46.0909	.00000	.46227	34	1	64	122.2348	.00000	.54707
33	19	47	42.6136	.00000	.46227	34	2	63	116.5303	.00000	.54707
33	20	46	39.2727	.00000	.46227	34	3	62	110.9621	.00000	.54707
33	21	45	36.0682	.00000	.46227	34	4	61	105.5303	.00000	.54707
33	22	44	33.0000	.00000	.46227	34	5	60	100.2348	.00000	.54707
33	23	43	30.0682	.00000	.46227	34	6	59	95.0758	.00000	.54707
33	24	42	27.2727	.00000	.46227	34	7	58	90.0530	.00000	.54707
33	25	41	24.6136	.00000	.46227	34	8	57	85.1667	.00000	.54707
33	26	40	22.0909	.00000	.46227	34	9	56	80.4167	.00000	.54707
33	27	39	19.7045	.00000	.46227	34	10	55	75.8030	.00000	.54707
33	28	38	17.4545	.00000	.46227	34	11	54	71.3258	.00000	.54707
33	29	37	15.3409	.00001	.46228	34	12	53	66.9848	.00000	.54707
33	30	36	13.3636	.00002	.46229	34	13	52	62.7803	.00000	.54707
33	31	35	11.5227	.00004	.46233	34	14	51	58.7121	.00000	.54707
33	32	34	9.8182	.00008	.46241	34	15	50	54.7803	.00000	.54707
33	33	33	8.2500	.00017	.46258	34	16	49	50.9848	.00000	.54707
33	34	32	6.8182	.00033	.46291	34	17	48	47.3258	.00000	.54707
33	35	31	5.5227	.00060	.46352	34	18	47	43.8030	.00000	.54707
33	36	30	4.3636	.00104	.46456	34	19	46	40.4167	.00000	.54707
33	37	29	3.3409	.00169	.46625	34	20	45	37.1667	.00000	.54707
33	38	28	2.4545	.00257	.46882	34	21	44	34.0530	.00000	.54707

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
34	22	43	31.0758	.00000	.54707	35	6	58	91.8485	.00000	.62938
34	23	42	28.2348	.00000	.54707	35	7	57	86.9167	.00000	.62938
34	24	41	25.5303	.00000	.54707	35	8	56	82.1212	.00000	.62938
34	25	40	22.9621	.00000	.54707	35	9	55	77.4621	.00000	.62938
34	26	39	20.5303	.00000	.54707	35	10	54	72.9394	.00000	.62938
34	27	38	18.2348	.00000	.54707	35	11	53	68.5530	.00000	.62938
34	28	37	16.0758	.00000	.54708	35	12	52	64.3030	.00000	.62938
34	29	36	14.0530	.00001	.54709	35	13	51	60.1894	.00000	.62938
34	30	35	12.1667	.00003	.54711	35	14	50	56.2121	.00000	.62938
34	31	34	10.4167	.00006	.54717	35	15	49	52.3712	.00000	.62938
34	32	33	8.8030	.00012	.54730	35	16	48	48.6667	.00000	.62938
34	33	32	7.3258	.00025	.54754	35	17	47	45.0985	.00000	.62938
34	34	31	5.9848	.00047	.54801	35	18	46	41.6667	.00000	.62938
34	35	30	4.7803	.00083	.54884	35	19	45	38.3712	.00000	.62938
34	36	29	3.7121	.00138	.55021	35	20	44	35.2121	.00000	.62938
34	37	28	2.7803	.00216	.55237	35	21	43	32.1894	.00000	.62938
34	38	27	1.9848	.00318	.55555	35	22	42	29.3030	.00000	.62938
34	39	26	1.3258	.00440	.55996	35	23	41	26.5530	.00000	.62938
34	40	25	.8030	.00573	.56568	35	24	40	23.9394	.00000	.62938
34	41	24	.4167	.00698	.57267	35	25	39	21.4621	.00000	.62938
34	42	23	.1667	.00798	.58065	35	26	38	19.1212	.00000	.62938
34	43	22	.0530	.00854	.58918	35	27	37	16.9167	.00000	.62939
34	44	21	.0758	.00854	.59772	35	28	36	14.8485	.00001	.62939
34	45	20	.2348	.00797	.60569	35	29	35	12.9167	.00002	.62941
34	46	19	.5303	.00693	.61261	35	30	34	11.1212	.00004	.62945
34	47	18	.9621	.00560	.61822	35	31	33	9.4621	.00008	.62953
34	48	17	1.5303	.00420	.62242	35	32	32	7.9394	.00018	.62971
34	49	16	2.2348	.00292	.62533	35	33	31	6.5530	.00034	.63005
34	50	15	3.0758	.00187	.62720	35	34	30	5.3030	.00062	.63067
34	51	14	4.0530	.00110	.62829	35	35	29	4.1894	.00106	.63173
34	52	13	5.1667	.00059	.62889	35	36	28	3.2121	.00171	.63344
34	53	12	6.4167	.00029	.62918	35	37	27	2.3712	.00259	.63603
34	54	11	7.8030	.00013	.62930	35	38	26	1.6667	.00368	.63971
34	55	10	9.3258	.00005	.62936	35	39	25	1.0985	.00491	.64462
34	56	9	10.9848	.00002	.62937	35	40	24	.6667	.00613	.65075
34	57	8	12.7803	.00001	.62938	35	41	23	.3712	.00718	.65794
34	58	7	14.7121	.00000	.62938	35	42	22	.2121	.00787	.66580
34	59	6	16.7803	.00000	.62938	35	43	21	.1894	.00805	.67385
34	60	5	18.9848	.00000	.62938	35	44	20	.3030	.00768	.68153
34	61	4	21.3258	.00000	.62938	35	45	19	.5530	.00683	.68836
34	62	3	23.8030	.00000	.62938	35	46	18	.9394	.00564	.69400
34	63	2	26.4167	.00000	.62938	35	47	17	1.4621	.00432	.69832
34	64	1	29.1667	.00000	.62938	35	48	16	2.1212	.00306	.70139
34	65	0	32.0530	.00000	.62938	35	49	15	2.9167	.00200	.70338
35	0	64	124.3030	.00000	.62938	35	50	14	3.8485	.00120	.70458
35	1	63	118.5530	.00000	.62938	35	51	13	4.9167	.00066	.70524
35	2	62	112.9394	.00000	.62938	35	52	12	6.1212	.00033	.70557
35	3	61	107.4621	.00000	.62938	35	53	11	7.4621	.00015	.70572
35	4	60	102.1212	.00000	.62938	35	54	10	8.9394	.00006	.70578
35	5	59	96.9167	.00000	.62938	35	55	9	10.5530	.00002	.70580

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
35	56	8	12.3030	.00001	.70581	36	41	22	.4773	.00688	.73578
35	57	7	14.1894	.00000	.70581	36	42	21	.4091	.00721	.74299
35	58	6	16.2121	.00000	.70581	36	43	20	.4773	.00704	.75003
35	59	5	18.3712	.00000	.70581	36	44	19	.6818	.00640	.75644
35	60	4	20.6667	.00000	.70581	36	45	18	1.0227	.00541	.76184
35	61	3	23.0985	.00000	.70581	36	46	17	1.5000	.00423	.76607
35	62	2	25.6667	.00000	.70581	36	47	16	2.1136	.00306	.76914
35	63	1	28.3712	.00000	.70581	36	48	15	2.8636	.00204	.77118
35	64	0	31.2121	.00000	.70581	36	49	14	3.7500	.00125	.77243
36	0	63	120.6818	.00000	.70581	36	50	13	4.7727	.00070	.77313
36	1	62	115.0227	.00000	.70581	36	51	12	5.9318	.00036	.77348
36	2	61	109.5000	.00000	.70581	36	52	11	7.2273	.00016	.77365
36	3	60	104.1136	.00000	.70581	36	53	10	8.6591	.00007	.77371
36	4	59	98.8636	.00000	.70581	36	54	9	10.2273	.00003	.77374
36	5	58	93.7500	.00000	.70581	36	55	8	11.9318	.00001	.77375
36	6	57	88.7727	.00000	.70581	36	56	7	13.7727	.00000	.77375
36	7	56	83.9318	.00000	.70581	36	57	6	15.7500	.00000	.77375
36	8	55	79.2273	.00000	.70581	36	58	5	17.8636	.00000	.77375
36	9	54	74.6591	.00000	.70581	36	59	4	20.1136	.00000	.77375
36	10	53	70.2273	.00000	.70581	36	60	3	22.5000	.00000	.77375
36	11	52	65.9318	.00000	.70581	36	61	2	25.0227	.00000	.77375
36	12	51	61.7727	.00000	.70581	36	62	1	27.6818	.00000	.77375
36	13	50	57.7500	.00000	.70581	36	63	0	30.4773	.00000	.77375
36	14	49	53.8636	.00000	.70581	37	0	62	117.2121	.00000	.77375
36	15	48	50.1136	.00000	.70581	37	1	61	111.6439	.00000	.77375
36	16	47	46.5000	.00000	.70581	37	2	60	106.2121	.00000	.77375
36	17	46	43.0227	.00000	.70581	37	3	59	100.9167	.00000	.77375
36	18	45	39.6818	.00000	.70581	37	4	58	95.7576	.00000	.77375
36	19	44	36.4773	.00000	.70581	37	5	57	90.7348	.00000	.77375
36	20	43	33.4091	.00000	.70581	37	6	56	85.8485	.00000	.77375
36	21	42	30.4773	.00000	.70581	37	7	55	81.0985	.00000	.77375
36	22	41	27.6818	.00000	.70581	37	8	54	76.4848	.00000	.77375
36	23	40	25.0227	.00000	.70581	37	9	53	72.0076	.00000	.77375
36	24	39	22.5000	.00000	.70581	37	10	52	67.6667	.00000	.77375
36	25	38	20.1136	.00000	.70581	37	11	51	63.4621	.00000	.77375
36	26	37	17.8636	.00000	.70581	37	12	50	59.3939	.00000	.77375
36	27	36	15.7500	.00000	.70582	37	13	49	55.4621	.00000	.77375
36	28	35	13.7727	.00001	.70583	37	14	48	51.6667	.00000	.77375
36	29	34	11.9318	.00002	.70585	37	15	47	48.0076	.00000	.77375
36	30	33	10.2273	.00005	.70591	37	16	46	44.4848	.00000	.77375
36	31	32	8.6591	.00012	.70602	37	17	45	41.0985	.00000	.77375
36	32	31	7.2273	.00023	.70626	37	18	44	37.8485	.00000	.77375
36	33	30	5.9318	.00044	.70670	37	19	43	34.7348	.00000	.77375
36	34	29	4.7727	.00077	.70747	37	20	42	31.7576	.00000	.77375
36	35	28	3.7500	.00128	.70876	37	21	41	28.9167	.00000	.77375
36	36	27	2.8636	.00200	.71075	37	22	40	26.2121	.00000	.77375
36	37	26	2.1136	.00291	.71367	37	23	39	23.6439	.00000	.77375
36	38	25	1.5000	.00399	.71765	37	24	38	21.2121	.00000	.77375
36	39	24	1.0227	.00511	.72277	37	25	37	18.9167	.00000	.77375
36	40	23	.6818	.00613	.72890	37	26	36	16.7576	.00000	.77375

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
37	27	35	14.7348	.00001	.77376	38	14	47	49.6212	.00000	.83159
37	28	34	12.8485	.00001	.77377	38	15	46	46.0530	.00000	.83159
37	29	33	11.0985	.00003	.77381	38	16	45	42.6212	.00000	.83159
37	30	32	9.4848	.00007	.77388	38	17	44	39.3258	.00000	.83159
37	31	31	8.0076	.00015	.77403	38	18	43	36.1667	.00000	.83159
37	32	30	6.6667	.00029	.77433	38	19	42	33.1439	.00000	.83159
37	33	29	5.4621	.00053	.77486	38	20	41	30.2576	.00000	.83159
37	34	28	4.3939	.00091	.77577	38	21	40	27.5076	.00000	.83159
37	35	27	3.4621	.00146	.77723	38	22	39	24.8939	.00000	.83159
37	36	26	2.6667	.00219	.77941	38	23	38	22.4167	.00000	.83159
37	37	25	2.0076	.00307	.78248	38	24	37	20.0758	.00000	.83159
37	38	24	1.4848	.00404	.78653	38	25	36	17.8712	.00000	.83159
37	39	23	1.0985	.00497	.79150	38	26	35	15.8030	.00000	.83160
37	40	22	.8485	.00572	.79722	38	27	34	13.8712	.00001	.83160
37	41	21	.7348	.00614	.80336	38	28	33	12.0758	.00002	.83162
37	42	20	.7576	.00614	.80950	38	29	32	10.4167	.00004	.83167
37	43	19	.9167	.00571	.81521	38	30	31	8.8939	.00009	.83176
37	44	18	1.2121	.00493	.82014	38	31	30	7.5076	.00019	.83194
37	45	17	1.6439	.00395	.82408	38	32	29	6.2576	.00035	.83229
37	46	16	2.2121	.00292	.82700	38	33	28	5.1439	.00061	.83290
37	47	15	2.9167	.00199	.82899	38	34	27	4.1667	.00101	.83391
37	48	14	3.7576	.00124	.83023	38	35	26	3.3258	.00155	.83546
37	49	13	4.7348	.00071	.83094	38	36	25	2.6212	.00224	.83771
37	50	12	5.8485	.00037	.83130	38	37	24	2.0530	.00303	.84074
37	51	11	7.0985	.00017	.83148	38	38	23	1.6212	.00383	.84456
37	52	10	8.4848	.00007	.83155	38	39	22	1.3258	.00452	.84908
37	53	9	10.0076	.00003	.83158	38	40	21	1.1667	.00497	.85405
37	54	8	11.6667	.00001	.83159	38	41	20	1.1439	.00509	.85914
37	55	7	13.4621	.00000	.83159	38	42	19	1.2576	.00485	.86398
37	56	6	15.3939	.00000	.83159	38	43	18	1.5076	.00428	.86827
37	57	5	17.4621	.00000	.83159	38	44	17	1.8939	.00350	.87177
37	58	4	19.6667	.00000	.83159	38	45	16	2.4167	.00265	.87442
37	59	3	22.0076	.00000	.83159	38	46	15	3.0758	.00184	.87626
37	60	2	24.4848	.00000	.83159	38	47	14	3.8712	.00118	.87743
37	61	1	27.0985	.00000	.83159	38	48	13	4.8030	.00069	.87812
37	62	0	29.8485	.00000	.83159	38	49	12	5.8712	.00036	.87848
38	0	61	113.8939	.00000	.83159	38	50	11	7.0758	.00017	.87866
38	1	60	108.4167	.00000	.83159	38	51	10	8.4167	.00008	.87873
38	2	59	103.0758	.00000	.83159	38	52	9	9.8939	.00003	.87876
38	3	58	97.8712	.00000	.83159	38	53	8	11.5076	.00001	.87877
38	4	57	92.8030	.00000	.83159	38	54	7	13.2576	.00000	.87878
38	5	56	87.8712	.00000	.83159	38	55	6	15.1439	.00000	.87878
38	6	55	83.0758	.00000	.83159	38	56	5	17.1667	.00000	.87878
38	7	54	78.4167	.00000	.83159	38	57	4	19.3258	.00000	.87878
38	8	53	73.8939	.00000	.83159	38	58	3	21.6212	.00000	.87878
38	9	52	69.5076	.00000	.83159	38	59	2	24.0530	.00000	.87878
38	10	51	65.2576	.00000	.83159	38	60	1	26.6212	.00000	.87878
38	11	50	61.1439	.00000	.83159	38	61	0	29.3258	.00000	.87878
38	12	49	57.1667	.00000	.83159	39	0	60	110.7273	.00000	.87878
38	13	48	53.3258	.00000	.83159	39	1	59	105.3409	.00000	.87878

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
39	2	58	100.0909	.00000	.87878	39	52	8	11.4545	.00001	.91567
39	3	57	94.9773	.00000	.87878	39	53	7	13.1591	.00000	.91568
39	4	56	90.0000	.00000	.87878	39	54	6	15.0000	.00000	.91568
39	5	55	85.1591	.00000	.87878	39	55	5	16.9773	.00000	.91568
39	6	54	80.4545	.00000	.87878	39	56	4	19.0909	.00000	.91568
39	7	53	75.8864	.00000	.87878	39	57	3	21.3409	.00000	.91568
39	8	52	71.4545	.00000	.87878	39	58	2	23.7273	.00000	.91568
39	9	51	67.1591	.00000	.87878	39	59	1	26.2500	.00000	.91568
39	10	50	63.0000	.00000	.87878	39	60	0	28.9091	.00000	.91568
39	11	49	58.9773	.00000	.87878	40	0	59	107.7121	.00000	.91568
39	12	48	55.0909	.00000	.87878	40	1	58	102.4167	.00000	.91568
39	13	47	51.3409	.00000	.87878	40	2	57	97.2576	.00000	.91568
39	14	46	47.7273	.00000	.87878	40	3	56	92.2348	.00000	.91568
39	15	45	44.2500	.00000	.87878	40	4	55	87.3485	.00000	.91568
39	16	44	40.9091	.00000	.87878	40	5	54	82.5985	.00000	.91568
39	17	43	37.7045	.00000	.87878	40	6	53	77.9848	.00000	.91568
39	18	42	34.6364	.00000	.87878	40	7	52	73.5076	.00000	.91568
39	19	41	31.7045	.00000	.87878	40	8	51	69.1667	.00000	.91568
39	20	40	28.9091	.00000	.87878	40	9	50	64.9621	.00000	.91568
39	21	39	26.2500	.00000	.87878	40	10	49	60.8939	.00000	.91568
39	22	38	23.7273	.00000	.87878	40	11	48	56.9621	.00000	.91568
39	23	37	21.3409	.00000	.87878	40	12	47	53.1667	.00000	.91568
39	24	36	19.0909	.00000	.87878	40	13	46	49.5076	.00000	.91568
39	25	35	16.9773	.00000	.87878	40	14	45	45.9848	.00000	.91568
39	26	34	15.0000	.00000	.87878	40	15	44	42.5985	.00000	.91568
39	27	33	13.1591	.00001	.87879	40	16	43	39.3485	.00000	.91568
39	28	32	11.4545	.00002	.87882	40	17	42	36.2348	.00000	.91568
39	29	31	9.8864	.00005	.87887	40	18	41	33.2576	.00000	.91568
39	30	30	8.4545	.00011	.87898	40	19	40	30.4167	.00000	.91568
39	31	29	7.1591	.00021	.87920	40	20	39	27.7121	.00000	.91568
39	32	28	6.0000	.00039	.87958	40	21	38	25.1439	.00000	.91568
39	33	27	4.9773	.00066	.88024	40	22	37	22.7121	.00000	.91568
39	34	26	4.0909	.00105	.88129	40	23	36	20.4167	.00000	.91568
39	35	25	3.3409	.00155	.88284	40	24	35	18.2576	.00000	.91568
39	36	24	2.7273	.00216	.88500	40	25	34	16.2348	.00000	.91568
39	37	23	2.2500	.00280	.88779	40	26	33	14.3485	.00001	.91569
39	38	22	1.9091	.00339	.89118	40	27	32	12.5985	.00001	.91570
39	39	21	1.7045	.00382	.89500	40	28	31	10.9848	.00003	.91573
39	40	20	1.6364	.00401	.89901	40	29	30	9.5076	.00006	.91579
39	41	19	1.7045	.00391	.90293	40	30	29	8.1667	.00012	.91591
39	42	18	1.9091	.00354	.90647	40	31	28	6.9621	.00023	.91615
39	43	17	2.2500	.00296	.90943	40	32	27	5.8939	.00041	.91655
39	44	16	2.7273	.00229	.91172	40	33	26	4.9621	.00067	.91722
39	45	15	3.3409	.00163	.91335	40	34	25	4.1667	.00102	.91824
39	46	14	4.0909	.00106	.91442	40	35	24	3.5076	.00146	.91969
39	47	13	4.9773	.00063	.91505	40	36	23	2.9848	.00194	.92164
39	48	12	6.0000	.00034	.91539	40	37	22	2.5985	.00241	.92405
39	49	11	7.1591	.00017	.91556	40	38	21	2.3485	.00279	.92684
39	50	10	8.4545	.00007	.91563	40	39	20	2.2348	.00301	.92985
39	51	9	9.8864	.00003	.91566	40	40	19	2.2576	.00301	.93286

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
40	41	18	2.4167	.00279	.93565	41	31	27	6.9167	.00024	.94385
40	42	17	2.7121	.00239	.93804	41	32	26	5.9394	.00040	.94425
40	43	16	3.1439	.00189	.93993	41	33	25	5.0985	.00063	.94489
40	44	15	3.7121	.00137	.94131	41	34	24	4.3939	.00093	.94582
40	45	14	4.4167	.00092	.94222	41	35	23	3.8258	.00128	.94710
40	46	13	5.2576	.00056	.94278	41	36	22	3.3939	.00163	.94873
40	47	12	6.2348	.00031	.94309	41	37	21	3.0985	.00194	.95067
40	48	11	7.3485	.00015	.94324	41	38	20	2.9394	.00215	.95282
40	49	10	8.5985	.00007	.94331	41	39	19	2.9167	.00220	.95502
40	50	9	9.9848	.00003	.94334	41	40	18	3.0303	.00209	.95711
40	51	8	11.5076	.00001	.94335	41	41	17	3.2803	.00184	.95895
40	52	7	13.1667	.00000	.94335	41	42	16	3.6667	.00149	.96043
40	53	6	14.9621	.00000	.94335	41	43	15	4.1894	.00111	.96154
40	54	5	16.8939	.00000	.94335	41	44	14	4.8485	.00075	.96230
40	55	4	18.9621	.00000	.94335	41	45	13	5.6439	.00047	.96277
40	56	3	21.1667	.00000	.94335	41	46	12	6.5758	.00027	.96303
40	57	2	23.5076	.00000	.94335	41	47	11	7.6439	.00014	.96317
40	58	1	25.9848	.00000	.94335	41	48	10	8.8485	.00006	.96323
40	59	0	28.5985	.00000	.94335	41	49	9	10.1894	.00003	.96325
41	0	58	104.8485	.00000	.94335	41	50	8	11.6667	.00001	.96326
41	1	57	99.6439	.00000	.94335	41	51	7	13.2803	.00000	.96327
41	2	56	94.5758	.00000	.94335	41	52	6	15.0303	.00000	.96327
41	3	55	89.6439	.00000	.94335	41	53	5	16.9167	.00000	.96327
41	4	54	84.8485	.00000	.94335	41	54	4	18.9394	.00000	.96327
41	5	53	80.1894	.00000	.94335	41	55	3	21.0985	.00000	.96327
41	6	52	75.6667	.00000	.94335	41	56	2	23.3939	.00000	.96327
41	7	51	71.2803	.00000	.94335	41	57	1	25.8258	.00000	.96327
41	8	50	67.0303	.00000	.94335	41	58	0	28.3939	.00000	.96327
41	9	49	62.9167	.00000	.94335	42	0	57	102.1364	.00000	.96327
41	10	48	58.9394	.00000	.94335	42	1	56	97.0227	.00000	.96327
41	11	47	55.0985	.00000	.94335	42	2	55	92.0455	.00000	.96327
41	12	46	51.3939	.00000	.94335	42	3	54	87.2045	.00000	.96327
41	13	45	47.8258	.00000	.94335	42	4	53	82.5000	.00000	.96327
41	14	44	44.3939	.00000	.94335	42	5	52	77.9318	.00000	.96327
41	15	43	41.0985	.00000	.94335	42	6	51	73.5000	.00000	.96327
41	16	42	37.9394	.00000	.94335	42	7	50	69.2045	.00000	.96327
41	17	41	34.9167	.00000	.94335	42	8	49	65.0455	.00000	.96327
41	18	40	32.0303	.00000	.94335	42	9	48	61.0227	.00000	.96327
41	19	39	29.2803	.00000	.94335	42	10	47	57.1364	.00000	.96327
41	20	38	26.6667	.00000	.94335	42	11	46	53.3864	.00000	.96327
41	21	37	24.1894	.00000	.94335	42	12	45	49.7727	.00000	.96327
41	22	36	21.8485	.00000	.94335	42	13	44	46.2955	.00000	.96327
41	23	35	19.6439	.00000	.94335	42	14	43	42.9545	.00000	.96327
41	24	34	17.5758	.00000	.94335	42	15	42	39.7500	.00000	.96327
41	25	33	15.6439	.00000	.94336	42	16	41	36.6818	.00000	.96327
41	26	32	13.8485	.00001	.94336	42	17	40	33.7500	.00000	.96327
41	27	31	12.1894	.00001	.94338	42	18	39	30.9545	.00000	.96327
41	28	30	10.6667	.00003	.94341	42	19	38	28.2955	.00000	.96327
41	29	29	9.2803	.00007	.94348	42	20	37	25.7727	.00000	.96327
41	30	28	8.0303	.00013	.94361	42	21	36	23.3864	.00000	.96327

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
42	22	35	21.1364	.00000	.96327	43	14	42	41.6667	.00000	.97702
42	23	34	19.0227	.00000	.96327	43	15	41	38.5530	.00000	.97702
42	24	33	17.0455	.00000	.96327	43	16	40	35.5758	.00000	.97702
42	25	32	15.2045	.00000	.96327	43	17	39	32.7348	.00000	.97702
42	26	31	13.5000	.00001	.96328	43	18	38	30.0303	.00000	.97702
42	27	30	11.9318	.00002	.96329	43	19	37	27.4621	.00000	.97702
42	28	29	10.5000	.00004	.96333	43	20	36	25.0303	.00000	.97702
42	29	28	9.2045	.00007	.96340	43	21	35	22.7348	.00000	.97702
42	30	27	8.0455	.00013	.96353	43	22	34	20.5758	.00000	.97702
42	31	26	7.0227	.00023	.96376	43	23	33	18.5530	.00000	.97702
42	32	25	6.1364	.00037	.96414	43	24	32	16.6667	.00000	.97702
42	33	24	5.3864	.00057	.96470	43	25	31	14.9167	.00000	.97702
42	34	23	4.7727	.00080	.96550	43	26	30	13.3030	.00001	.97703
42	35	22	4.2955	.00105	.96655	43	27	29	11.8258	.00002	.97705
42	36	21	3.9545	.00128	.96783	43	28	28	10.4848	.00004	.97708
42	37	20	3.7500	.00146	.96929	43	29	27	9.2803	.00007	.97715
42	38	19	3.6818	.00153	.97082	43	30	26	8.2121	.00012	.97728
42	39	18	3.7500	.00149	.97232	43	31	25	7.2803	.00021	.97748
42	40	17	3.9545	.00134	.97366	43	32	24	6.4848	.00033	.97781
42	41	16	4.2955	.00112	.97478	43	33	23	5.8258	.00047	.97828
42	42	15	4.7727	.00085	.97563	43	34	22	5.3030	.00064	.97892
42	43	14	5.3864	.00059	.97622	43	35	21	4.9167	.00081	.97973
42	44	13	6.1364	.00038	.97660	43	36	20	4.6667	.00094	.98067
42	45	12	7.0227	.00022	.97681	43	37	19	4.5530	.00102	.98169
42	46	11	8.0455	.00011	.97693	43	38	18	4.5758	.00102	.98270
42	47	10	9.2045	.00005	.97698	43	39	17	4.7348	.00094	.98364
42	48	9	10.5000	.00002	.97700	43	40	16	5.0303	.00080	.98444
42	49	8	11.9318	.00001	.97701	43	41	15	5.4621	.00062	.98506
42	50	7	13.5000	.00000	.97701	43	42	14	6.0303	.00044	.98550
42	51	6	15.2045	.00000	.97702	43	43	13	6.7348	.00029	.98579
42	52	5	17.0455	.00000	.97702	43	44	12	7.5758	.00017	.98597
42	53	4	19.0227	.00000	.97702	43	45	11	8.5530	.00009	.98606
42	54	3	21.1364	.00000	.97702	43	46	10	9.6667	.00004	.98610
42	55	2	23.3864	.00000	.97702	43	47	9	10.9167	.00002	.98612
42	56	1	25.7727	.00000	.97702	43	48	8	12.3030	.00001	.98613
42	57	0	28.2955	.00000	.97702	43	49	7	13.8258	.00000	.98613
43	0	56	99.5758	.00000	.97702	43	50	6	15.4848	.00000	.98613
43	1	55	94.5530	.00000	.97702	43	51	5	17.2803	.00000	.98613
43	2	54	89.6667	.00000	.97702	43	52	4	19.2121	.00000	.98613
43	3	53	84.9167	.00000	.97702	43	53	3	21.2803	.00000	.98613
43	4	52	80.3030	.00000	.97702	43	54	2	23.4848	.00000	.98613
43	5	51	75.8258	.00000	.97702	43	55	1	25.8258	.00000	.98613
43	6	50	71.4848	.00000	.97702	43	56	0	28.3030	.00000	.98613
43	7	49	67.2803	.00000	.97702	44	0	55	97.1667	.00000	.98613
43	8	48	63.2121	.00000	.97702	44	1	54	92.2348	.00000	.98613
43	9	47	59.2803	.00000	.97702	44	2	53	87.4394	.00000	.98613
43	10	46	55.4848	.00000	.97702	44	3	52	82.7803	.00000	.98613
43	11	45	51.8258	.00000	.97702	44	4	51	78.2576	.00000	.98613
43	12	44	48.3030	.00000	.97702	44	5	50	73.8712	.00000	.98613
43	13	43	44.9167	.00000	.97702	44	6	49	69.6212	.00000	.98613

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
44	7	48	65.5076	.00000	.98613	45	1	53	90.0682	.00000	.99193
44	8	47	61.5303	.00000	.98613	45	2	52	85.3636	.00000	.99193
44	9	46	57.6894	.00000	.98613	45	3	51	80.7955	.00000	.99193
44	10	45	53.9848	.00000	.98613	45	4	50	76.3636	.00000	.99193
44	11	44	50.4167	.00000	.98613	45	5	49	72.0682	.00000	.99193
44	12	43	46.9848	.00000	.98613	45	6	48	67.9091	.00000	.99193
44	13	42	43.6894	.00000	.98613	45	7	47	63.8864	.00000	.99193
44	14	41	40.5303	.00000	.98613	45	8	46	60.0000	.00000	.99193
44	15	40	37.5076	.00000	.98613	45	9	45	56.2500	.00000	.99193
44	16	39	34.6212	.00000	.98613	45	10	44	52.6364	.00000	.99193
44	17	38	31.8712	.00000	.98613	45	11	43	49.1591	.00000	.99193
44	18	37	29.2576	.00000	.98613	45	12	42	45.8182	.00000	.99193
44	19	36	26.7803	.00000	.98613	45	13	41	42.6136	.00000	.99193
44	20	35	24.4394	.00000	.98613	45	14	40	39.5455	.00000	.99193
44	21	34	22.2348	.00000	.98613	45	15	39	36.6136	.00000	.99193
44	22	33	20.1667	.00000	.98613	45	16	38	33.8182	.00000	.99193
44	23	32	18.2348	.00000	.98613	45	17	37	31.1591	.00000	.99193
44	24	31	16.4394	.00000	.98613	45	18	36	28.6364	.00000	.99193
44	25	30	14.7803	.00000	.98613	45	19	35	26.2500	.00000	.99193
44	26	29	13.2576	.00001	.98614	45	20	34	24.0000	.00000	.99193
44	27	28	11.8712	.00002	.98616	45	21	33	21.8864	.00000	.99193
44	28	27	10.6212	.00003	.98619	45	22	32	19.9091	.00000	.99193
44	29	26	9.5076	.00006	.98626	45	23	31	18.0682	.00000	.99193
44	30	25	8.5303	.00011	.98637	45	24	30	16.3636	.00000	.99193
44	31	24	7.6894	.00018	.98654	45	25	29	14.7955	.00000	.99193
44	32	23	6.9848	.00027	.98681	45	26	28	13.3636	.00001	.99194
44	33	22	6.4167	.00037	.98718	45	27	27	12.0682	.00002	.99196
44	34	21	5.9848	.00048	.98766	45	28	26	10.9091	.00003	.99199
44	35	20	5.6894	.00058	.98824	45	29	25	9.8864	.00006	.99204
44	36	19	5.5303	.00064	.98888	45	30	24	9.0000	.00009	.99213
44	37	18	5.5076	.00066	.98954	45	31	23	8.2500	.00014	.99228
44	38	17	5.6212	.00062	.99016	45	32	22	7.6364	.00020	.99248
44	39	16	5.8712	.00054	.99071	45	33	21	7.1591	.00027	.99275
44	40	15	6.2576	.00043	.99114	45	34	20	6.8182	.00034	.99309
44	41	14	6.7803	.00032	.99146	45	35	19	6.6136	.00038	.99347
44	42	13	7.4394	.00021	.99167	45	36	18	6.5455	.00041	.99388
44	43	12	8.2348	.00013	.99180	45	37	17	6.6136	.00039	.99428
44	44	11	9.1667	.00007	.99187	45	38	16	6.8182	.00035	.99463
44	45	10	10.2348	.00003	.99190	45	39	15	7.1591	.00029	.99492
44	46	9	11.4394	.00001	.99192	45	40	14	7.6364	.00022	.99514
44	47	8	12.7803	.00001	.99193	45	41	13	8.2500	.00015	.99529
44	48	7	14.2576	.00000	.99193	45	42	12	9.0000	.00009	.99538
44	49	6	15.8712	.00000	.99193	45	43	11	9.8864	.00005	.99543
44	50	5	17.6212	.00000	.99193	45	44	10	10.9091	.00003	.99545
44	51	4	19.5076	.00000	.99193	45	45	9	12.0682	.00001	.99547
44	52	3	21.5303	.00000	.99193	45	46	8	13.3636	.00000	.99547
44	53	2	23.6894	.00000	.99193	45	47	7	14.7955	.00000	.99547
44	54	1	25.9848	.00000	.99193	45	48	6	16.3636	.00000	.99547
44	55	0	28.4167	.00000	.99193	45	49	5	18.0682	.00000	.99547
45	0	54	94.9091	.00000	.99193	45	50	4	19.9091	.00000	.99547

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
45	51	3	21.8864	.00000	.99547	46	46	7	15.4394	.00000	.99755
45	52	2	24.0000	.00000	.99547	46	47	6	16.9621	.00000	.99755
45	53	1	26.2500	.00000	.99547	46	48	5	18.6212	.00000	.99755
45	54	0	28.6364	.00000	.99547	46	49	4	20.4167	.00000	.99755
46	0	53	92.8030	.00000	.99547	46	50	3	22.3485	.00000	.99755
46	1	52	88.0530	.00000	.99547	46	51	2	24.4167	.00000	.99755
46	2	51	83.4394	.00000	.99547	46	52	1	26.6212	.00000	.99755
46	3	50	78.9621	.00000	.99547	46	53	0	28.9621	.00000	.99755
46	4	49	74.6212	.00000	.99547	47	0	52	90.8485	.00000	.99755
46	5	48	70.4167	.00000	.99547	47	1	51	86.1894	.00000	.99755
46	6	47	66.3485	.00000	.99547	47	2	50	81.6667	.00000	.99755
46	7	46	62.4167	.00000	.99547	47	3	49	77.2803	.00000	.99755
46	8	45	58.6212	.00000	.99547	47	4	48	73.0303	.00000	.99755
46	9	44	54.9621	.00000	.99547	47	5	47	68.9167	.00000	.99755
46	10	43	51.4394	.00000	.99547	47	6	46	64.9394	.00000	.99755
46	11	42	48.0530	.00000	.99547	47	7	45	61.0985	.00000	.99755
46	12	41	44.8030	.00000	.99547	47	8	44	57.3939	.00000	.99755
46	13	40	41.6894	.00000	.99547	47	9	43	53.8258	.00000	.99755
46	14	39	38.7121	.00000	.99547	47	10	42	50.3939	.00000	.99755
46	15	38	35.8712	.00000	.99547	47	11	41	47.0985	.00000	.99755
46	16	37	33.1667	.00000	.99547	47	12	40	43.9394	.00000	.99755
46	17	36	30.5985	.00000	.99547	47	13	39	40.9167	.00000	.99755
46	18	35	28.1667	.00000	.99547	47	14	38	38.0303	.00000	.99755
46	19	34	25.8712	.00000	.99547	47	15	37	35.2803	.00000	.99755
46	20	33	23.7121	.00000	.99547	47	16	36	32.6667	.00000	.99755
46	21	32	21.6894	.00000	.99547	47	17	35	30.1894	.00000	.99755
46	22	31	19.8030	.00000	.99547	47	18	34	27.8485	.00000	.99755
46	23	30	18.0530	.00000	.99547	47	19	33	25.6439	.00000	.99755
46	24	29	16.4394	.00000	.99547	47	20	32	23.5758	.00000	.99755
46	25	28	14.9621	.00000	.99548	47	21	31	21.6439	.00000	.99755
46	26	27	13.6212	.00001	.99548	47	22	30	19.8485	.00000	.99755
46	27	26	12.4167	.00001	.99550	47	23	29	18.1894	.00000	.99755
46	28	25	11.3485	.00003	.99552	47	24	28	16.6667	.00000	.99755
46	29	24	10.4167	.00004	.99557	47	25	27	15.2803	.00000	.99756
46	30	23	9.6212	.00007	.99564	47	26	26	14.0303	.00001	.99756
46	31	22	8.9621	.00011	.99575	47	27	25	12.9167	.00001	.99757
46	32	21	8.4394	.00015	.99589	47	28	24	11.9394	.00002	.99760
46	33	20	8.0530	.00019	.99608	47	29	23	11.0985	.00003	.99763
46	34	19	7.8030	.00022	.99630	47	30	22	10.3939	.00005	.99768
46	35	18	7.6894	.00024	.99654	47	31	21	9.8258	.00007	.99776
46	36	17	7.7121	.00024	.99678	47	32	20	9.3939	.00010	.99786
46	37	16	7.8712	.00022	.99700	47	33	19	9.0985	.00012	.99797
46	38	15	8.1667	.00018	.99718	47	34	18	8.9394	.00013	.99811
46	39	14	8.5985	.00014	.99732	47	35	17	8.9167	.00014	.99824
46	40	13	9.1667	.00010	.99742	47	36	16	9.0303	.00013	.99837
46	41	12	9.8712	.00006	.99748	47	37	15	9.2803	.00011	.99849
46	42	11	10.7121	.00004	.99752	47	38	14	9.6667	.00009	.99857
46	43	10	11.6894	.00002	.99754	47	39	13	10.1894	.00006	.99864
46	44	9	12.8030	.00001	.99755	47	40	12	10.8485	.00004	.99868
46	45	8	14.0530	.00000	.99755	47	41	11	11.6439	.00002	.99870

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
47	42	10	12.5758	.00001	.99872	48	39	12	11.9318	.00003	.99933
47	43	9	13.6439	.00001	.99872	48	40	11	12.6818	.00002	.99935
47	44	8	14.8485	.00000	.99872	48	41	10	13.5682	.00001	.99935
47	45	7	16.1894	.00000	.99872	48	42	9	14.5909	.00000	.99936
47	46	6	17.6667	.00000	.99872	48	43	8	15.7500	.00000	.99936
47	47	5	19.2803	.00000	.99872	48	44	7	17.0455	.00000	.99936
47	48	4	21.0303	.00000	.99872	48	45	6	18.4773	.00000	.99936
47	49	3	22.9167	.00000	.99872	48	46	5	20.0455	.00000	.99936
47	50	2	24.9394	.00000	.99872	48	47	4	21.7500	.00000	.99936
47	51	1	27.0985	.00000	.99872	48	48	3	23.5909	.00000	.99936
47	52	0	29.3939	.00000	.99872	48	49	2	25.5682	.00000	.99936
48	0	51	89.0455	.00000	.99872	48	50	1	27.6818	.00000	.99936
48	1	50	84.4773	.00000	.99872	48	51	0	29.9318	.00000	.99936
48	2	49	80.0455	.00000	.99872	49	0	50	87.3939	.00000	.99936
48	3	48	75.7500	.00000	.99872	49	1	49	82.9167	.00000	.99936
48	4	47	71.5909	.00000	.99872	49	2	48	78.5758	.00000	.99936
48	5	46	67.5682	.00000	.99872	49	3	47	74.3712	.00000	.99936
48	6	45	63.6818	.00000	.99872	49	4	46	70.3030	.00000	.99936
48	7	44	59.9318	.00000	.99872	49	5	45	66.3712	.00000	.99936
48	8	43	56.3182	.00000	.99872	49	6	44	62.5758	.00000	.99936
48	9	42	52.8409	.00000	.99872	49	7	43	58.9167	.00000	.99936
48	10	41	49.5000	.00000	.99872	49	8	42	55.3939	.00000	.99936
48	11	40	46.2955	.00000	.99872	49	9	41	52.0076	.00000	.99936
48	12	39	43.2273	.00000	.99872	49	10	40	48.7576	.00000	.99936
48	13	38	40.2955	.00000	.99872	49	11	39	45.6439	.00000	.99936
48	14	37	37.5000	.00000	.99872	49	12	38	42.6667	.00000	.99936
48	15	36	34.8409	.00000	.99872	49	13	37	39.8258	.00000	.99936
48	16	35	32.3182	.00000	.99872	49	14	36	37.1212	.00000	.99936
48	17	34	29.9318	.00000	.99872	49	15	35	34.5530	.00000	.99936
48	18	33	27.6818	.00000	.99872	49	16	34	32.1212	.00000	.99936
48	19	32	25.5682	.00000	.99872	49	17	33	29.8258	.00000	.99936
48	20	31	23.5909	.00000	.99872	49	18	32	27.6667	.00000	.99936
48	21	30	21.7500	.00000	.99873	49	19	31	25.6439	.00000	.99936
48	22	29	20.0455	.00000	.99873	49	20	30	23.7576	.00000	.99936
48	23	28	18.4773	.00000	.99873	49	21	29	22.0076	.00000	.99936
48	24	27	17.0455	.00000	.99873	49	22	28	20.3939	.00000	.99936
48	25	26	15.7500	.00000	.99873	49	23	27	18.9167	.00000	.99936
48	26	25	14.5909	.00000	.99873	49	24	26	17.5758	.00000	.99936
48	27	24	13.5682	.00001	.99874	49	25	25	16.3712	.00000	.99936
48	28	23	12.6818	.00002	.99876	49	26	24	15.3030	.00000	.99937
48	29	22	11.9318	.00002	.99878	49	27	23	14.3712	.00001	.99937
48	30	21	11.3182	.00004	.99882	49	28	22	13.5758	.00001	.99939
48	31	20	10.8409	.00005	.99887	49	29	21	12.9167	.00001	.99940
48	32	19	10.5000	.00006	.99893	49	30	20	12.3939	.00002	.99943
48	33	18	10.2955	.00007	.99900	49	31	19	12.0076	.00003	.99946
48	34	17	10.2273	.00007	.99908	49	32	18	11.7576	.00004	.99949
48	35	16	10.2955	.00007	.99915	49	33	17	11.6439	.00004	.99953
48	36	15	10.5000	.00006	.99921	49	34	16	11.6667	.00004	.99957
48	37	14	10.8409	.00005	.99927	49	35	15	11.8258	.00004	.99960
48	38	13	11.3182	.00004	.99930	49	36	14	12.1212	.00003	.99963

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TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
49	37	13	12.5530	.00002	.99966	50	36	13	13.8939	.00001	.99984
49	38	12	13.1212	.00002	.99967	50	37	12	14.4167	.00001	.99984
49	39	11	13.8258	.00001	.99968	50	38	11	15.0758	.00001	.99985
49	40	10	14.6667	.00001	.99969	50	39	10	15.8712	.00000	.99985
49	41	9	15.6439	.00000	.99969	50	40	9	16.8030	.00000	.99986
49	42	8	16.7576	.00000	.99969	50	41	8	17.8712	.00000	.99986
49	43	7	18.0076	.00000	.99969	50	42	7	19.0758	.00000	.99986
49	44	6	19.3939	.00000	.99969	50	43	6	20.4167	.00000	.99986
49	45	5	20.9167	.00000	.99969	50	44	5	21.8939	.00000	.99986
49	46	4	22.5758	.00000	.99969	50	45	4	23.5076	.00000	.99986
49	47	3	24.3712	.00000	.99969	50	46	3	25.2576	.00000	.99986
49	48	2	26.3030	.00000	.99969	50	47	2	27.1439	.00000	.99986
49	49	1	28.3712	.00000	.99969	50	48	1	29.1667	.00000	.99986
49	50	0	30.5758	.00000	.99969	50	49	0	31.3258	.00000	.99986
50	0	49	85.6939	.00000	.99969	51	0	48	84.5455	.00000	.99986
50	1	48	81.5076	.00000	.99969	51	1	47	80.2500	.00000	.99986
50	2	47	77.2576	.00000	.99969	51	2	46	76.0909	.00000	.99986
50	3	46	73.1439	.00000	.99969	51	3	45	72.0682	.00000	.99986
50	4	45	69.1667	.00000	.99969	51	4	44	68.1818	.00000	.99986
50	5	44	65.3258	.00000	.99969	51	5	43	64.4318	.00000	.99986
50	6	43	61.6212	.00000	.99969	51	6	42	60.8182	.00000	.99986
50	7	42	58.0530	.00000	.99969	51	7	41	57.3409	.00000	.99986
50	8	41	54.6212	.00000	.99969	51	8	40	54.0000	.00000	.99986
50	9	40	51.3258	.00000	.99969	51	9	39	50.7955	.00000	.99986
50	10	39	48.1667	.00000	.99969	51	10	38	47.7273	.00000	.99986
50	11	38	45.1439	.00000	.99969	51	11	37	44.7955	.00000	.99986
50	12	37	42.2576	.00000	.99969	51	12	36	42.0000	.00000	.99986
50	13	36	39.5076	.00000	.99969	51	13	35	39.3409	.00000	.99986
50	14	35	36.8939	.00000	.99969	51	14	34	36.8182	.00000	.99986
50	15	34	34.4167	.00000	.99969	51	15	33	34.4318	.00000	.99986
50	16	33	32.0758	.00000	.99969	51	16	32	32.1818	.00000	.99986
50	17	32	29.8712	.00000	.99969	51	17	31	30.0682	.00000	.99986
50	18	31	27.8030	.00000	.99969	51	18	30	28.0909	.00000	.99986
50	19	30	25.8712	.00000	.99969	51	19	29	26.2500	.00000	.99986
50	20	29	24.0758	.00000	.99969	51	20	28	24.5455	.00000	.99986
50	21	28	22.4167	.00000	.99969	51	21	27	22.9773	.00000	.99986
50	22	27	20.8939	.00000	.99969	51	22	26	21.5455	.00000	.99986
50	23	26	19.5076	.00000	.99969	51	23	25	20.2500	.00000	.99986
50	24	25	18.2576	.00000	.99969	51	24	24	19.0909	.00000	.99986
50	25	24	17.1439	.00000	.99969	51	25	23	18.0682	.00000	.99986
50	26	23	16.1667	.00000	.99970	51	26	22	17.1818	.00000	.99986
50	27	22	15.3258	.00000	.99970	51	27	21	16.4318	.00000	.99986
50	28	21	14.6212	.00001	.99971	51	28	20	15.8182	.00000	.99987
50	29	20	14.0530	.00001	.99972	51	29	19	15.3409	.00001	.99987
50	30	19	13.6212	.00001	.99973	51	30	18	15.0000	.00001	.99988
50	31	18	13.3258	.00002	.99975	51	31	17	14.7955	.00001	.99989
50	32	17	13.1667	.00002	.99977	51	32	16	14.7273	.00001	.99990
50	33	16	13.1439	.00002	.99979	51	33	15	14.7955	.00001	.99991
50	34	15	13.2576	.00002	.99981	51	34	14	15.0000	.00001	.99992
50	35	14	13.5076	.00002	.99982	51	35	13	15.3409	.00001	.99992

TABLE A

U	V	W	X2	P(A)	CUM P(A)	U	V	W	X2	P(A)	CUM P(A)
51	36	12	15.8182	.00000	.99993	52	37	10	18.5985	.00000	.99997
51	37	11	16.4318	.00000	.99993	52	38	9	19.4394	.00000	.99997
51	38	10	17.1818	.00000	.99993	52	39	8	20.4167	.00000	.99997
51	39	9	18.0682	.00000	.99993	52	40	7	21.5303	.00000	.99997
51	40	8	19.0909	.00000	.99994	52	41	6	22.7803	.00000	.99997
51	41	7	20.2500	.00000	.99994	52	42	5	24.1667	.00000	.99997
51	42	6	21.5455	.00000	.99994	52	43	4	25.6894	.00000	.99997
51	43	5	22.9773	.00000	.99994	52	44	3	27.3485	.00000	.99997
51	44	4	24.5455	.00000	.99994	52	45	2	29.1439	.00000	.99997
51	45	3	26.2500	.00000	.99994	52	46	1	31.0758	.00000	.99997
51	46	2	28.0909	.00000	.99994	52	47	0	33.1439	.00000	.99997
51	47	1	30.0682	.00000	.99994	53	0	46	82.3030	.00000	.99997
51	48	0	32.1818	.00000	.99994	53	1	45	78.1894	.00000	.99997
52	0	47	83.5985	.00000	.99994	53	2	44	74.2121	.00000	.99997
52	1	46	79.1439	.00000	.99994	53	3	43	70.3712	.00000	.99997
52	2	45	75.0758	.00000	.99994	53	4	42	66.6667	.00000	.99997
52	3	44	71.1439	.00000	.99994	53	5	41	63.0985	.00000	.99997
52	4	43	67.3485	.00000	.99994	53	6	40	59.6667	.00000	.99997
52	5	42	63.6894	.00000	.99994	53	7	39	56.3712	.00000	.99997
52	6	41	60.1667	.00000	.99994	53	8	38	53.2121	.00000	.99997
52	7	40	56.7803	.00000	.99994	53	9	37	50.1894	.00000	.99997
52	8	39	53.5303	.00000	.99994	53	10	36	47.3030	.00000	.99997
52	9	38	50.4167	.00000	.99994	53	11	35	44.5530	.00000	.99997
52	10	37	47.4394	.00000	.99994	53	12	34	41.9394	.00000	.99997
52	11	36	44.5985	.00000	.99994	53	13	33	39.4621	.00000	.99997
52	12	35	41.8939	.00000	.99994	53	14	32	37.1212	.00000	.99997
52	13	34	39.3258	.00000	.99994	53	15	31	34.9167	.00000	.99997
52	14	33	36.8939	.00000	.99994	53	16	30	32.8485	.00000	.99997
52	15	32	34.5985	.00000	.99994	53	17	29	30.9167	.00000	.99997
52	16	31	32.4394	.00000	.99994	53	18	28	29.1212	.00000	.99997
52	17	30	30.4167	.00000	.99994	53	19	27	27.4621	.00000	.99997
52	18	29	28.5303	.00000	.99994	53	20	26	25.9394	.00000	.99997
52	19	28	26.7803	.00000	.99994	53	21	25	24.5530	.00000	.99997
52	20	27	25.1667	.00000	.99994	53	22	24	23.3030	.00000	.99997
52	21	26	23.6894	.00000	.99994	53	23	23	22.1894	.00000	.99997
52	22	25	22.3485	.00000	.99994	53	24	22	21.2121	.00000	.99997
52	23	24	21.1439	.00000	.99994	53	25	21	20.3712	.00000	.99997
52	24	23	20.0758	.00000	.99994	53	26	20	19.6667	.00000	.99997
52	25	22	19.1439	.00000	.99994	53	27	19	19.0985	.00000	.99997
52	26	21	18.3485	.00000	.99994	53	28	18	18.6667	.00000	.99998
52	27	20	17.6894	.00000	.99994	53	29	17	18.3712	.00000	.99998
52	28	19	17.1667	.00000	.99994	53	30	16	18.2121	.00000	.99998
52	29	18	16.7803	.00000	.99995	53	31	15	18.1894	.00000	.99998
52	30	17	16.5303	.00000	.99995	53	32	14	18.3030	.00000	.99998
52	31	16	16.4167	.00000	.99995	53	33	13	18.5530	.00000	.99999
52	32	15	16.4394	.00000	.99996	53	34	12	18.9394	.00000	.99999
52	33	14	16.5985	.00000	.99996	53	35	11	19.4621	.00000	.99999
52	34	13	16.8939	.00000	.99997	53	36	10	20.1212	.00000	.99999
52	35	12	17.3258	.00000	.99997	53	37	9	20.9167	.00000	.99999
52	36	11	17.8939	.00000	.99997	53	38	8	21.8485	.00000	.99999

TABLE A

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(A)
53	39	7	22.9167	.00000	.99999
53	40	6	24.1212	.00000	.99999
53	41	5	25.4621	.00000	.99999
53	42	4	26.9394	.00000	.99999
53	43	3	28.5530	.00000	.99999
53	44	2	30.3030	.00000	.99999
53	45	1	32.1894	.00000	.99999
53	46	0	34.2121	.00000	.99999
54	0	45	81.4091	.00000	.99999
54	1	44	77.3864	.00000	.99999
54	2	43	73.5000	.00000	.99999
54	3	42	69.7500	.00000	.99999
54	4	41	66.1364	.00000	.99999
54	5	40	62.6591	.00000	.99999
54	6	39	59.3182	.00000	.99999
54	7	38	56.1136	.00000	.99999
54	8	37	53.0455	.00000	.99999
54	9	36	50.1136	.00000	.99999
54	10	35	47.3182	.00000	.99999
54	11	34	44.6591	.00000	.99999
54	12	33	42.1364	.00000	.99999
54	13	32	39.7500	.00000	.99999
54	14	31	37.5000	.00000	.99999
54	15	30	35.3864	.00000	.99999
54	16	29	33.4091	.00000	.99999
54	17	28	31.5682	.00000	.99999
54	18	27	29.8636	.00000	.99999
54	19	26	28.2955	.00000	.99999
54	20	25	26.8636	.00000	.99999
54	21	24	25.5682	.00000	.99999
54	22	23	24.4091	.00000	.99999
54	23	22	23.3864	.00000	.99999
54	24	21	22.5000	.00000	.99999
54	25	20	21.7500	.00000	.99999
54	26	19	21.1364	.00000	.99999
54	27	18	20.6591	.00000	.99999
54	28	17	20.3182	.00000	.99999
54	29	16	20.1136	.00000	.99999
54	30	15	20.0455	.00000	.99999
54	31	14	20.1136	.00000	.99999
54	32	13	20.3182	.00000	.99999
54	33	12	20.6591	.00000	.99999
54	34	11	21.1364	.00000	.99999
54	35	10	21.7500	.00000	1.00000

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
33	44	22	0.0000	.00880	.00880	29	45	25	.9167	.00549	.36214
34	43	22	.0530	.00854	.01735	35	46	18	.9394	.00564	.36778
32	45	22	.0530	.00858	.02593	31	42	26	.9394	.00544	.37322
33	45	21	.0682	.00860	.03453	34	47	18	.9621	.00560	.37882
33	43	23	.0682	.00841	.04294	32	41	26	.9621	.00536	.38418
34	44	21	.0758	.00854	.05148	36	45	18	1.0227	.00541	.38958
32	44	23	.0758	.00841	.05989	36	39	24	1.0227	.00511	.39470
34	42	23	.1667	.00798	.06787	30	49	20	1.0227	.00551	.40021
32	46	21	.1667	.00823	.07610	30	43	26	1.0227	.00523	.40544
35	43	21	.1894	.00805	.08415	33	48	18	1.0909	.00529	.41073
31	45	23	.1894	.00798	.09212	33	40	26	1.0909	.00499	.41572
35	42	22	.2121	.00787	.09999	37	39	23	1.0985	.00497	.42069
31	46	22	.2121	.00798	.10797	29	49	21	1.0985	.00525	.42594
34	45	20	.2348	.00797	.11593	35	39	25	1.0985	.00491	.43085
32	43	24	.2348	.00772	.12365	31	49	19	1.0985	.00533	.43618
33	46	20	.2727	.00785	.13150	38	41	20	1.1439	.00509	.44127
33	42	24	.2727	.00754	.13903	28	47	24	1.1439	.00491	.44619
35	44	20	.3030	.00768	.14672	38	40	21	1.1667	.00497	.45115
31	44	24	.3030	.00748	.15419	28	48	23	1.1667	.00491	.45607
35	41	23	.3712	.00718	.16138	37	44	18	1.2121	.00493	.46100
31	47	21	.3712	.00747	.16884	29	44	26	1.2121	.00476	.46575
36	42	21	.4091	.00721	.17605	38	42	19	1.2576	.00485	.47060
30	46	23	.4091	.00717	.18322	28	46	25	1.2576	.00462	.47522
34	41	24	.4167	.00698	.19020	38	39	22	1.3258	.00452	.47974
32	47	20	.4167	.00735	.19755	34	39	26	1.3258	.00440	.48414
36	43	20	.4773	.00704	.20460	32	49	18	1.3258	.00475	.48889
36	41	22	.4773	.00688	.21148	28	49	22	1.3258	.00461	.49350
30	47	22	.4773	.00701	.21849	35	47	17	1.4621	.00432	.49782
30	45	24	.4773	.00687	.22536	31	41	27	1.4621	.00423	.50206
34	46	19	.5303	.00693	.23229	37	38	24	1.4848	.00404	.50610
32	42	25	.5303	.00663	.23892	29	50	20	1.4848	.00441	.51051
35	45	19	.5530	.00683	.24575	36	46	17	1.5000	.00423	.51474
31	43	25	.5530	.00658	.25233	36	38	25	1.5000	.00399	.51873
33	47	19	.6136	.00668	.25902	30	50	19	1.5000	.00441	.52313
33	41	25	.6136	.00633	.26535	30	42	27	1.5000	.00417	.52730
35	40	24	.6667	.00613	.27148	38	43	18	1.5076	.00428	.53158
31	48	20	.6667	.00653	.27801	28	45	26	1.5076	.00409	.53567
36	40	23	.6818	.00613	.28415	34	48	17	1.5303	.00420	.53987
30	48	21	.6818	.00643	.29058	32	40	27	1.5303	.00407	.54394
36	44	19	.6818	.00640	.29698	38	38	23	1.6212	.00383	.54777
30	44	25	.6818	.00618	.30316	28	50	21	1.6212	.00406	.55182
37	41	21	.7348	.00614	.30930	39	40	20	1.6364	.00401	.55584
29	47	23	.7348	.00610	.31540	27	48	24	1.6364	.00382	.55966
37	42	20	.7576	.00614	.32154	37	45	17	1.6439	.00395	.56360
29	46	24	.7576	.00597	.32751	29	43	27	1.6439	.00387	.56748
34	40	25	.8030	.00573	.33324	35	38	26	1.6667	.00368	.57116
32	48	19	.8030	.00613	.33936	31	50	18	1.6667	.00405	.57521
37	40	22	.8485	.00572	.34508	39	39	21	1.7045	.00382	.57903
29	48	22	.8485	.00585	.35093	27	49	23	1.7045	.00374	.58278
37	43	19	.9167	.00571	.35664	39	41	19	1.7045	.00391	.58669

(1)

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
33	49	17	1.7045	.00389	.59058	26	46	27	2.7121	.00221	.73722
33	39	27	1.7045	.00370	.59428	39	36	24	2.7273	.00216	.73938
27	47	25	1.7045	.00367	.59795	27	52	20	2.7273	.00240	.74178
38	44	17	1.8939	.00350	.60145	39	44	16	2.7273	.00229	.74407
28	44	27	1.8939	.00340	.60485	27	44	28	2.7273	.00227	.74634
39	42	18	1.9091	.00354	.60840	34	37	28	2.7803	.00216	.74850
39	38	22	1.9091	.00339	.61178	32	51	16	2.7803	.00228	.75078
27	50	22	1.9091	.00344	.61523	36	48	15	2.8636	.00204	.75282
27	46	26	1.9091	.00332	.61854	36	36	27	2.8636	.00200	.75482
34	38	27	1.9848	.00318	.62172	30	52	17	2.8636	.00227	.75709
32	50	17	1.9848	.00342	.62514	30	40	29	2.8636	.00221	.75930
37	37	25	2.0076	.00307	.62822	41	39	19	2.9167	.00220	.76150
29	51	19	2.0076	.00346	.63167	37	47	15	2.9167	.00199	.76349
38	37	24	2.0530	.00303	.63470	35	49	15	2.9167	.00200	.76549
28	51	20	2.0530	.00334	.63805	31	39	29	2.9167	.00214	.76762
36	47	16	2.1136	.00306	.64111	29	41	29	2.9167	.00215	.76978
36	37	26	2.1136	.00291	.64402	25	49	25	2.9167	.00195	.77172
30	51	18	2.1136	.00329	.64731	41	38	20	2.9394	.00215	.77387
30	41	28	2.1136	.00312	.65043	25	50	24	2.9394	.00195	.77582
35	48	16	2.1212	.00306	.65349	40	36	23	2.9848	.00194	.77776
31	40	28	2.1212	.00310	.65659	26	52	21	2.9848	.00206	.77982
37	46	16	2.2121	.00292	.65951	41	40	18	3.0303	.00209	.78191
29	42	28	2.2121	.00298	.66248	25	48	26	3.0303	.00183	.78374
40	39	20	2.2348	.00301	.66549	38	46	15	3.0758	.00184	.78558
26	49	24	2.2348	.00281	.66830	31	53	15	3.0758	.00187	.78745
34	49	16	2.2348	.00292	.67121	32	38	29	3.0758	.00195	.78940
32	39	28	2.2348	.00291	.67412	28	42	29	3.0758	.00198	.79139
39	37	23	2.2500	.00280	.67692	41	37	21	3.0985	.00194	.79333
27	51	21	2.2500	.00297	.67989	25	51	23	3.0985	.00183	.79516
39	43	17	2.2500	.00296	.68285	40	43	16	3.1439	.00189	.79705
27	45	27	2.2500	.00282	.68568	26	45	28	3.1439	.00182	.79887
40	40	19	2.2576	.00301	.68869	35	36	28	3.2121	.00171	.80058
26	48	25	2.2576	.00275	.69144	31	52	16	3.2121	.00187	.80245
40	38	21	2.3485	.00279	.69423	41	41	17	3.2803	.00184	.80429
26	50	23	2.3485	.00270	.69693	25	47	27	3.2803	.00163	.80592
35	37	27	2.3712	.00259	.69952	38	35	26	3.3258	.00155	.80747
31	51	17	2.3712	.00286	.70238	28	53	18	3.3258	.00184	.80931
40	41	18	2.4167	.00279	.70517	39	45	15	3.3409	.00163	.81094
38	45	16	2.4167	.00265	.70782	27	43	29	3.3409	.00172	.81266
28	43	28	2.4167	.00268	.71049	39	35	25	3.3409	.00155	.81422
26	47	26	2.4167	.00254	.71303	33	51	15	3.3409	.00166	.81588
33	50	16	2.4545	.00264	.71568	33	37	29	3.3409	.00169	.81756
33	38	28	2.4545	.00257	.71825	27	53	19	3.3409	.00181	.81937
40	37	22	2.5985	.00241	.72066	41	36	22	3.3939	.00163	.82101
26	51	22	2.5985	.00243	.72309	25	52	22	3.3939	.00162	.82263
38	36	25	2.6212	.00224	.72534	37	35	27	3.4621	.00146	.82408
28	52	19	2.6212	.00257	.72791	29	53	17	3.4621	.00172	.82580
37	36	26	2.6667	.00219	.73009	40	35	24	3.5076	.00146	.82726
29	52	18	2.6667	.00253	.73262	26	53	20	3.5076	.00163	.82889
40	42	17	2.7121	.00239	.73501	41	42	16	3.6667	.00149	.83037

(2)

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
25	46	28	3.6667	.00137	.83174	29	54	16	4.3939	.00108	.89242
42	38	19	3.6818	.00153	.83328	40	45	14	4.4167	.00092	.89333
24	50	25	3.6818	.00130	.83457	26	43	30	4.4167	.00103	.89437
40	44	15	3.7121	.00137	.83595	43	37	19	4.5530	.00102	.89538
34	36	29	3.7121	.00138	.83733	23	51	25	4.5530	.00081	.89620
32	52	15	3.7121	.00140	.83873	43	38	18	4.5758	.00102	.89721
26	44	29	3.7121	.00141	.84014	23	50	26	4.5758	.00080	.89801
42	39	18	3.7500	.00149	.84163	43	36	20	4.6667	.00094	.89895
42	37	20	3.7500	.00146	.84309	23	52	24	4.6667	.00078	.89973
36	35	28	3.7500	.00128	.84437	43	39	17	4.7348	.00094	.90067
33	53	13	3.7500	.00146	.84583	23	49	27	4.7348	.00074	.90141
24	51	24	3.7500	.00127	.84710	37	49	13	4.7348	.00071	.90212
24	49	26	3.7500	.00125	.84835	29	39	31	4.7348	.00095	.90307
36	49	14	3.7500	.00125	.84960	42	42	15	4.7727	.00085	.90392
33	36	30	3.7500	.00147	.85107	42	34	23	4.7727	.00080	.90472
37	48	14	3.7576	.00124	.85231	24	54	21	4.7727	.00083	.90555
29	40	30	3.7576	.00147	.85379	24	46	29	4.7727	.00079	.90634
41	35	23	3.8258	.00128	.85506	36	50	13	4.7727	.00070	.90704
25	53	21	3.8258	.00135	.85641	36	34	29	4.7727	.00077	.90781
35	50	14	3.8485	.00120	.85761	30	54	15	4.7727	.00086	.90868
31	38	30	3.8485	.00139	.85900	30	38	31	4.7727	.00093	.90960
38	47	14	3.8712	.00116	.86017	34	35	30	4.7803	.00083	.91043
28	41	30	3.8712	.00139	.86156	32	53	14	4.7803	.00079	.91122
42	40	17	3.9545	.00134	.86291	38	48	13	4.8030	.00069	.91191
42	36	21	3.9545	.00128	.86419	28	40	31	4.8030	.00092	.91283
24	52	23	3.9545	.00117	.86536	41	44	14	4.8485	.00075	.91358
24	48	27	3.9545	.00113	.86650	25	44	30	4.8485	.00081	.91439
34	51	14	4.0530	.00110	.86759	43	35	21	4.9167	.00081	.91520
32	37	30	4.0530	.00124	.86883	35	51	13	4.9167	.00066	.91586
39	46	14	4.0909	.00106	.86989	31	37	31	4.9167	.00085	.91671
39	34	26	4.0909	.00105	.87094	23	53	23	4.9167	.00071	.91742
27	54	18	4.0909	.00127	.87221	40	33	26	4.9621	.00067	.91809
27	42	30	4.0909	.00123	.87345	26	55	18	4.9621	.00083	.91892
40	34	25	4.1667	.00102	.87447	39	47	13	4.9773	.00063	.91955
38	34	27	4.1667	.00101	.87547	39	33	27	4.9773	.00066	.92021
28	54	17	4.1667	.00123	.87670	27	55	17	4.9773	.00083	.92105
26	54	19	4.1667	.00121	.87791	27	41	31	4.9773	.00084	.92188
41	43	15	4.1894	.00111	.87902	43	40	16	5.0303	.00080	.92268
35	35	29	4.1894	.00106	.88008	23	48	28	5.0303	.00065	.92333
31	53	15	4.1894	.00113	.88121	41	33	25	5.0985	.00063	.92396
25	45	29	4.1894	.00109	.88229	25	55	19	5.0985	.00076	.92472
42	41	16	4.2955	.00112	.88341	38	33	28	5.1439	.00061	.92533
42	35	22	4.2955	.00105	.88446	28	55	16	5.1439	.00076	.92609
24	53	22	4.2955	.00102	.88548	34	52	13	5.1667	.00059	.92668
24	47	28	4.2955	.00097	.88645	32	36	31	5.1667	.00074	.92742
33	52	14	4.3636	.00096	.88741	40	46	13	5.2576	.00056	.92798
33	36	30	4.3636	.00104	.88845	26	42	31	5.2576	.00072	.92870
41	34	24	4.3939	.00093	.88938	43	34	22	5.3030	.00064	.92934
25	54	20	4.3939	.00105	.89042	35	34	30	5.3030	.00062	.92996
37	34	28	4.3939	.00091	.89134	31	54	14	5.3030	.00063	.93058

(3)

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
23	54	22	5.3030	.00060	.93119	42	32	25	6.1364	.00037	.95587
42	33	24	5.3864	.00057	.93175	24	56	19	6.1364	.00045	.95632
24	55	20	5.3864	.00063	.93239	24	44	31	6.1364	.00044	.95676
42	43	14	5.3864	.00059	.93298	40	47	12	6.2348	.00031	.95707
24	45	30	5.3864	.00060	.93358	26	41	32	6.2348	.00047	.95754
43	41	15	5.4621	.00062	.93421	44	40	15	6.2576	.00043	.95797
37	33	29	5.4621	.00053	.93474	38	32	29	6.2576	.00035	.95832
29	55	15	5.4621	.00063	.93537	28	56	15	6.2576	.00043	.95875
23	47	29	5.4621	.00054	.93590	22	48	29	6.2576	.00034	.95910
44	37	18	5.5076	.00066	.93656	44	33	22	6.4167	.00037	.95947
22	51	26	5.5076	.00048	.93704	34	53	12	6.4167	.00029	.95976
33	53	13	5.5227	.00051	.93755	32	35	32	6.4167	.00042	.96017
33	35	31	5.5227	.00060	.93815	22	55	22	6.4167	.00034	.96051
44	36	19	5.5303	.00064	.93879	43	32	24	6.4848	.00033	.96084
22	52	25	5.5303	.00048	.93927	23	56	20	6.4848	.00036	.96120
44	38	17	5.6212	.00062	.93990	45	36	18	6.5455	.00041	.96160
22	50	27	5.6212	.00045	.94035	21	52	26	6.5455	.00027	.96188
41	45	13	5.6439	.00047	.94082	35	33	31	6.5530	.00034	.96221
25	43	31	5.6439	.00058	.94140	31	55	13	6.5530	.00032	.96253
44	35	20	5.6894	.00058	.94197	41	46	12	6.5758	.00027	.96280
22	53	24	5.6894	.00045	.94243	25	42	32	6.5758	.00039	.96319
43	33	23	5.8258	.00047	.94290	45	37	17	6.6136	.00039	.96358
23	55	21	5.8258	.00048	.94338	45	35	19	6.6136	.00038	.96397
37	50	12	5.8485	.00037	.94375	21	53	25	6.6136	.00027	.96423
29	38	32	5.8485	.00058	.94433	21	51	27	6.6136	.00026	.96449
44	39	16	5.8712	.00054	.94488	37	32	30	6.6667	.00029	.96479
38	49	12	5.8712	.00036	.94524	29	56	14	6.6667	.00034	.96512
28	39	32	5.8712	.00057	.94581	43	43	13	6.7348	.00029	.96541
22	49	28	5.8712	.00040	.94622	23	45	31	6.7348	.00031	.96573
40	32	27	5.8939	.00041	.94663	44	41	14	6.7803	.00032	.96604
26	56	17	5.8939	.00054	.94716	22	47	30	6.7803	.00027	.96632
36	51	12	5.9318	.00036	.94752	45	34	20	6.8182	.00034	.96665
36	33	30	5.9318	.00044	.94796	21	54	24	6.8182	.00025	.96690
30	55	14	5.9318	.00047	.94843	45	38	16	6.8182	.00035	.96725
30	37	32	5.9318	.00055	.94898	33	54	12	6.8182	.00024	.96750
41	32	26	5.9394	.00040	.94938	33	34	32	6.8182	.00033	.96783
25	56	18	5.9394	.00052	.94990	21	50	28	6.8182	.00024	.96806
44	34	21	5.9848	.00048	.95038	41	31	27	6.9167	.00024	.96830
34	34	31	5.9848	.00047	.95084	25	57	17	6.9167	.00033	.96863
32	54	13	5.9848	.00041	.95126	40	31	28	6.9621	.00023	.96886
22	54	23	5.9848	.00040	.95166	26	57	16	6.9621	.00032	.96918
39	48	12	6.0000	.00037	.95203	44	32	23	6.9848	.00027	.96945
39	32	28	6.0000	.00036	.95239	22	56	21	6.9848	.00026	.96971
27	56	16	6.0000	.00051	.95290	42	45	12	7.0227	.00022	.96993
27	40	32	6.0000	.00054	.95343	42	31	26	7.0227	.00023	.97016
43	42	14	6.0303	.00044	.95388	24	57	18	7.0227	.00030	.97046
23	46	30	6.0303	.00042	.95430	24	43	32	7.0227	.00030	.97076
35	52	12	6.1212	.00033	.95463	38	50	11	7.0758	.00017	.97094
31	36	32	6.1212	.00049	.95512	28	38	33	7.0758	.00034	.97128
42	44	13	6.1364	.00038	.95549	37	51	11	7.0985	.00017	.97145

(4)

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
29	37	33	7.0985	.00033	.97178	25	58	16	8.0303	.00019	.98199
45	33	21	7.1591	.00027	.97206	42	46	11	8.0455	.00011	.98211
39	49	11	7.1591	.00017	.97222	24	42	33	8.0455	.00020	.98230
27	39	33	7.1591	.00032	.97255	42	30	27	8.0455	.00013	.98243
21	55	23	7.1591	.00021	.97276	24	58	17	8.0455	.00019	.98262
45	39	15	7.1591	.00029	.97305	46	33	20	8.0530	.00019	.98281
39	31	29	7.1591	.00021	.97327	20	55	24	8.0530	.00013	.98293
27	57	15	7.1591	.00028	.97355	46	38	15	8.1667	.00018	.98312
21	49	29	7.1591	.00020	.97376	40	30	29	8.1667	.00012	.98324
36	52	11	7.2273	.00016	.97392	26	58	15	8.1667	.00018	.98342
36	32	31	7.2273	.00023	.97416	20	50	29	8.1667	.00011	.98353
30	56	13	7.2273	.00024	.97439	43	30	26	8.2121	.00012	.98366
30	36	33	7.2273	.00031	.97470	23	58	18	8.2121	.00017	.98382
43	31	25	7.2803	.00021	.97491	44	43	12	8.2348	.00013	.98395
23	57	19	7.2803	.00025	.97516	22	45	32	8.2348	.00015	.98410
34	33	32	7.3258	.00025	.97541	45	31	23	8.2500	.00014	.98424
32	55	12	7.3258	.00019	.97560	21	57	21	8.2500	.00014	.98438
40	48	11	7.3485	.00015	.97576	45	41	13	8.2500	.00015	.98453
26	40	33	7.3485	.00029	.97605	33	55	11	8.2500	.00011	.98463
44	42	13	7.4394	.00021	.97626	33	33	33	8.2500	.00017	.98480
22	46	31	7.4394	.00021	.97647	21	47	31	8.2500	.00013	.98493
35	53	11	7.4621	.00015	.97662	38	51	10	8.4167	.00008	.98501
31	35	33	7.4621	.00027	.97689	28	37	34	8.4167	.00019	.98520
38	31	30	7.5076	.00019	.97707	46	32	21	8.4394	.00015	.98535
28	57	14	7.5076	.00023	.97730	20	56	23	8.4394	.00011	.98545
43	44	12	7.5758	.00017	.97747	39	50	10	8.4545	.00007	.98553
23	44	32	7.5758	.00022	.97769	39	30	30	8.4545	.00011	.98564
45	40	14	7.6364	.00022	.97791	27	58	14	8.4545	.00015	.98578
45	32	22	7.6364	.00020	.97811	27	38	34	8.4545	.00019	.98597
21	56	22	7.6364	.00018	.97829	37	52	10	8.4848	.00007	.98604
21	48	30	7.6364	.00017	.97846	29	36	34	8.4848	.00018	.98623
41	47	11	7.6439	.00014	.97859	44	30	25	8.5303	.00011	.98634
25	41	33	7.6439	.00025	.97884	22	58	19	8.5303	.00013	.98647
46	35	18	7.6894	.00024	.97908	43	45	11	8.5530	.00009	.98656
44	31	24	7.6894	.00018	.97926	23	43	33	8.5530	.00015	.98671
22	57	20	7.6894	.00020	.97945	46	39	14	8.5985	.00014	.98685
20	53	26	7.6894	.00014	.97959	40	49	10	8.5985	.00007	.98692
46	36	17	7.7121	.00024	.97983	26	39	34	8.5985	.00017	.98709
20	52	27	7.7121	.00014	.97997	20	49	30	8.5985	.00010	.98719
46	34	19	7.8030	.00022	.98019	36	53	10	8.6591	.00007	.98725
34	54	11	7.8030	.00013	.98032	36	31	32	8.6591	.00012	.98737
32	34	33	7.8030	.00022	.98054	30	57	12	8.6591	.00011	.98748
20	54	25	7.8030	.00014	.98068	30	35	34	8.6591	.00016	.98764
46	37	16	7.8712	.00022	.98090	34	32	33	8.8030	.00012	.98777
20	51	28	7.8712	.00013	.98103	32	56	11	8.8030	.00008	.98785
33	32	34	7.9394	.00018	.98120	41	48	10	8.8485	.00006	.98791
31	56	12	7.9394	.00015	.98135	25	40	34	8.8485	.00015	.98806
37	31	31	8.0076	.00015	.98150	38	30	31	8.8939	.00009	.98815
29	57	13	8.0076	.00017	.98167	28	58	13	8.8939	.00011	.98826
41	30	28	8.0303	.00013	.98180	47	35	17	8.9167	.00014	.98840

(5)

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
19	53	27	8.9167	.00007	.98847	19	57	23	9.8258	.00005	.99262
47	34	18	8.9394	.00013	.98860	46	41	12	9.8712	.00006	.99268
19	54	26	8.9394	.00007	.98867	20	47	32	9.8712	.00006	.99274
35	54	10	8.9394	.00006	.98873	45	43	11	9.8864	.00005	.99279
31	34	34	8.9394	.00014	.98887	45	29	25	9.8864	.00006	.99284
46	31	22	8.9621	.00011	.98898	39	51	9	9.8864	.00003	.99287
20	57	22	8.9621	.00009	.98907	39	29	31	9.8864	.00005	.99293
45	30	24	9.0000	.00009	.98916	27	59	13	9.8864	.00007	.99300
21	58	20	9.0000	.00010	.98926	27	37	35	9.8864	.00010	.99310
45	42	12	9.0000	.00009	.98935	21	59	19	9.8864	.00007	.99316
21	46	32	9.0000	.00010	.98944	21	45	33	9.8864	.00007	.99323
47	36	16	9.0303	.00013	.98957	38	52	9	9.8939	.00003	.99326
19	52	28	9.0303	.00007	.98964	28	36	35	9.8939	.00010	.99336
47	33	19	9.0985	.00012	.98976	40	50	9	9.9848	.00003	.99339
19	55	25	9.0985	.00007	.98983	26	38	35	9.9848	.00010	.99348
46	40	13	9.1667	.00010	.98993	37	53	9	10.0076	.00003	.99351
20	48	31	9.1667	.00008	.99000	29	35	35	10.0076	.00009	.99360
44	44	11	9.1667	.00007	.99007	47	39	13	10.1894	.00006	.99367
22	44	33	9.1667	.00010	.99017	41	49	9	10.1894	.00003	.99369
42	47	10	9.2045	.00005	.99023	25	39	35	10.1894	.00009	.99378
42	29	28	9.2045	.00007	.99030	19	49	31	10.1894	.00004	.99382
24	59	16	9.2045	.00011	.99040	48	34	17	10.2273	.00007	.99389
24	41	34	9.2045	.00012	.99053	36	30	33	10.2273	.00005	.99395
47	37	15	9.2803	.00011	.99064	30	58	11	10.2273	.00004	.99399
43	29	27	9.2803	.00007	.99071	18	54	27	10.2273	.00003	.99403
23	59	17	9.2803	.00010	.99081	36	54	9	10.2273	.00003	.99405
19	51	29	9.2803	.00006	.99087	30	34	35	10.2273	.00008	.99413
41	29	29	9.2803	.00007	.99094	44	45	10	10.2348	.00003	.99417
25	59	15	9.2803	.00010	.99104	22	43	34	10.2348	.00007	.99423
34	55	10	9.3258	.00005	.99109	48	35	16	10.2955	.00007	.99431
32	33	34	9.3258	.00011	.99120	48	33	18	10.2955	.00007	.99438
47	32	20	9.3939	.00010	.99130	18	55	26	10.2955	.00003	.99441
19	56	24	9.3939	.00006	.99136	18	53	28	10.2955	.00003	.99444
35	31	33	9.4621	.00008	.99144	47	30	22	10.3939	.00005	.99449
31	57	11	9.4621	.00006	.99151	19	58	22	10.3939	.00004	.99453
37	30	32	9.4848	.00007	.99158	46	29	24	10.4167	.00004	.99458
29	58	12	9.4848	.00007	.99165	20	59	20	10.4167	.00005	.99463
44	29	26	9.5076	.00006	.99172	38	29	32	10.4167	.00004	.99467
40	29	30	9.5076	.00006	.99178	34	31	34	10.4167	.00006	.99473
26	59	14	9.5076	.00009	.99187	32	57	10	10.4167	.00003	.99476
22	59	18	9.5076	.00009	.99196	28	59	12	10.4167	.00005	.99481
46	30	23	9.6212	.00007	.99203	43	28	28	10.4848	.00004	.99484
20	58	21	9.6212	.00007	.99209	23	60	16	10.4848	.00006	.99490
47	38	14	9.6667	.00009	.99218	48	36	15	10.5000	.00006	.99497
43	46	10	9.6667	.00004	.99223	48	32	19	10.5000	.00006	.99503
23	42	34	9.6667	.00009	.99232	18	56	25	10.5000	.00003	.99506
19	50	30	9.6667	.00005	.99237	18	52	29	10.5000	.00003	.99509
33	56	10	9.8182	.00004	.99241	42	48	9	10.5000	.00002	.99511
33	32	34	9.8182	.00008	.99249	42	28	29	10.5000	.00004	.99514
47	31	21	9.8258	.00007	.99257	24	60	15	10.5000	.00006	.99520

(6)

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
24	40	35	10.5000	.00007	.99527	47	41	11	11.6439	.00002	.99697
35	55	9	10.5530	.00002	.99530	19	47	33	11.6439	.00002	.99699
31	33	35	10.5530	.00007	.99536	17	55	27	11.6439	.00001	.99700
44	28	27	10.6212	.00003	.99540	49	34	16	11.6667	.00004	.99704
22	60	17	10.6212	.00005	.99545	41	50	8	11.6667	.00001	.99705
41	28	30	10.6667	.00003	.99548	37	54	8	11.6667	.00001	.99706
25	60	14	10.6667	.00005	.99553	29	34	36	11.6667	.00005	.99711
46	42	11	10.7121	.00004	.99557	25	38	36	11.6667	.00005	.99715
20	46	33	10.7121	.00004	.99561	17	54	28	11.6667	.00001	.99717
48	31	20	10.8409	.00005	.99566	46	43	10	11.6894	.00002	.99718
19	57	24	10.8409	.00003	.99569	20	45	34	11.6894	.00003	.99721
48	37	14	10.8409	.00005	.99574	49	32	18	11.7576	.00004	.99725
18	51	30	10.8409	.00003	.99576	17	56	26	11.7576	.00001	.99726
47	40	12	10.8485	.00004	.99580	43	27	29	11.8258	.00002	.99728
19	48	32	10.8485	.00003	.99584	23	61	15	11.8258	.00003	.99731
45	28	26	10.9091	.00003	.99587	49	35	15	11.8258	.00004	.99734
21	60	18	10.9091	.00004	.99591	17	53	29	11.8258	.00001	.99736
45	44	10	10.9091	.00003	.99593	44	27	28	11.8712	.00002	.99738
21	44	34	10.9091	.00004	.99598	22	61	16	11.8712	.00003	.99741
43	47	9	10.9167	.00002	.99600	42	27	30	11.9318	.00002	.99742
23	41	35	10.9167	.00006	.99605	24	61	14	11.9318	.00003	.99745
40	28	31	10.9848	.00003	.99608	48	39	12	11.9318	.00003	.99747
34	56	9	10.9848	.00002	.99610	48	29	22	11.9318	.00002	.99750
32	32	35	10.9848	.00005	.99615	42	49	8	11.9318	.00001	.99751
26	60	13	10.9848	.00004	.99619	36	55	8	11.9318	.00001	.99752
47	29	23	11.0985	.00003	.99623	36	29	34	11.9318	.00002	.99754
37	29	33	11.0985	.00003	.99626	30	59	10	11.9318	.00002	.99756
29	59	11	11.0985	.00003	.99629	30	33	36	11.9318	.00004	.99760
19	59	21	11.0985	.00003	.99632	24	39	36	11.9318	.00004	.99763
33	32	34	11.1212	.00004	.99636	18	59	22	11.9318	.00002	.99765
31	58	10	11.1212	.00002	.99638	18	49	32	11.9318	.00002	.99767
48	30	21	11.3182	.00004	.99642	47	28	24	11.9394	.00002	.99769
18	58	23	11.3182	.00002	.99644	19	60	20	11.9394	.00002	.99771
48	38	13	11.3182	.00004	.99648	49	31	19	12.0076	.00003	.99774
18	50	31	11.3182	.00002	.99650	17	57	25	12.0076	.00001	.99775
46	28	25	11.3485	.00003	.99653	45	45	9	12.0682	.00001	.99776
20	60	19	11.3485	.00003	.99656	45	27	27	12.0682	.00002	.99778
44	46	9	11.4394	.00001	.99657	21	61	17	12.0682	.00002	.99780
22	42	35	11.4394	.00004	.99661	21	43	35	12.0682	.00003	.99783
39	52	8	11.4545	.00001	.99662	38	28	33	12.0758	.00002	.99785
39	28	32	11.4545	.00002	.99665	28	60	11	12.0758	.00002	.99787
27	60	12	11.4545	.00003	.99668	49	36	14	12.1212	.00003	.99790
27	36	36	11.4545	.00005	.99673	17	52	30	12.1212	.00001	.99791
40	51	8	11.5076	.00001	.99674	34	30	35	12.1667	.00003	.99794
38	53	8	11.5076	.00001	.99675	32	58	9	12.1667	.00001	.99795
28	35	36	11.5076	.00005	.99680	41	27	31	12.1894	.00001	.99796
26	37	36	11.5076	.00005	.99685	25	61	13	12.1894	.00002	.99799
33	57	9	11.5227	.00001	.99687	43	48	8	12.3030	.00001	.99799
33	31	35	11.5227	.00004	.99690	35	56	8	12.3030	.00001	.99800
49	33	17	11.6439	.00004	.99694	31	32	36	12.3030	.00003	.99803

(7)

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
23	40	36	12.3030	.00003	.99806	23	62	14	13.3030	.00001	.99874
49	30	20	12.3939	.00002	.99809	50	31	18	13.3258	.00002	.99876
17	58	24	12.3939	.00001	.99810	16	57	26	13.3258	.00001	.99876
46	27	26	12.4167	.00001	.99811	45	46	8	13.3636	.00000	.99877
20	61	18	12.4167	.00002	.99813	21	42	36	13.3636	.00002	.99878
49	37	13	12.5530	.00002	.99815	45	26	28	13.3636	.00001	.99879
17	51	31	12.5530	.00001	.99816	33	58	8	13.3636	.00000	.99880
47	42	10	12.5758	.00001	.99818	33	30	36	13.3636	.00002	.99881
19	46	34	12.5758	.00002	.99819	21	62	16	13.3636	.00001	.99883
40	27	32	12.5985	.00001	.99821	37	55	7	13.4621	.00000	.99883
26	61	12	12.5985	.00002	.99822	29	33	37	13.4621	.00002	.99885
48	40	11	12.6818	.00002	.99824	42	26	31	13.5000	.00001	.99886
48	28	23	12.6818	.00002	.99825	24	62	13	13.5000	.00001	.99887
18	60	21	12.6818	.00001	.99827	42	50	7	13.5000	.00000	.99887
18	48	33	12.6818	.00001	.99828	24	38	37	13.5000	.00002	.99889
44	47	8	12.7803	.00001	.99828	50	35	14	13.5076	.00002	.99891
34	57	8	12.7803	.00001	.99829	16	53	30	13.5076	.00000	.99891
32	31	36	12.7803	.00002	.99831	48	27	24	13.5682	.00001	.99892
22	41	36	12.7803	.00002	.99834	18	61	20	13.5682	.00001	.99893
46	44	9	12.8030	.00001	.99835	48	41	10	13.5682	.00001	.99894
20	44	35	12.8030	.00002	.99836	18	47	34	13.5682	.00001	.99895
37	28	34	12.8485	.00001	.99838	49	28	22	13.5758	.00001	.99896
29	60	10	12.8485	.00001	.99839	17	60	22	13.5758	.00001	.99897
49	29	21	12.9167	.00002	.99840	50	30	19	13.6212	.00001	.99898
47	27	25	12.9167	.00001	.99842	16	58	25	13.6212	.00000	.99898
35	29	35	12.9167	.00002	.99843	46	26	27	13.6212	.00001	.99899
31	59	9	12.9167	.00001	.99844	20	62	17	13.6212	.00001	.99900
19	61	19	12.9167	.00001	.99845	47	43	9	13.6439	.00001	.99901
17	59	23	12.9167	.00001	.99846	19	45	35	13.6439	.00001	.99902
49	38	12	13.1212	.00002	.99848	36	56	7	13.7727	.00000	.99902
17	50	32	13.1212	.00001	.99849	36	28	35	13.7727	.00001	.99903
50	33	16	13.1439	.00002	.99851	30	60	9	13.7727	.00001	.99904
16	55	28	13.1439	.00001	.99851	30	32	37	13.7727	.00002	.99905
39	53	7	13.1591	.00000	.99852	49	39	11	13.8258	.00001	.99906
39	27	33	13.1591	.00001	.99853	43	49	7	13.8258	.00000	.99907
27	61	11	13.1591	.00001	.99854	23	39	37	13.8258	.00002	.99908
27	35	37	13.1591	.00003	.99856	17	49	33	13.8258	.00001	.99909
50	32	17	13.1667	.00002	.99858	41	26	32	13.8485	.00001	.99909
40	52	7	13.1667	.00000	.99859	25	62	12	13.8485	.00001	.99910
26	36	37	13.1667	.00003	.99861	38	27	34	13.8712	.00001	.99911
16	56	27	13.1667	.00001	.99862	28	61	10	13.8712	.00001	.99912
50	34	15	13.2576	.00002	.99864	50	36	13	13.8939	.00001	.99913
16	54	29	13.2576	.00001	.99864	16	52	31	13.8939	.00000	.99914
44	26	29	13.2576	.00001	.99865	47	26	26	14.0303	.00001	.99914
38	54	7	13.2576	.00000	.99865	19	62	18	14.0303	.00001	.99915
28	34	37	13.2576	.00002	.99868	50	29	20	14.0530	.00001	.99916
22	62	15	13.2576	.00001	.99869	16	59	24	14.0530	.00000	.99917
41	51	7	13.2803	.00000	.99869	46	45	8	14.0530	.00000	.99917
25	37	37	13.2803	.00002	.99872	34	29	36	14.0530	.00001	.99918
43	26	30	13.3030	.00001	.99872	32	59	8	14.0530	.00000	.99918

(8)

TABLE 8

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
23	43	36	14.0530	.00001	.99919	15	54	30	15.0000	.00000	.99947
35	57	7	14.1894	.00000	.99920	39	54	6	15.0000	.00000	.99947
31	31	37	14.1894	.00001	.99921	27	34	36	15.0000	.00001	.99948
44	48	7	14.2576	.00000	.99921	41	52	6	15.0303	.00000	.99948
22	48	37	14.2576	.00001	.99922	25	36	36	15.0303	.00001	.99949
43	26	33	14.3485	.00001	.99923	50	38	11	15.0758	.00001	.99950
26	62	11	14.3485	.00001	.99924	16	50	33	15.0758	.00000	.99950
49	27	23	14.3712	.00001	.99924	38	55	6	15.1439	.00000	.99950
17	61	21	14.3712	.00000	.99925	26	33	36	15.1439	.00001	.99951
53	37	12	14.4167	.00001	.99926	42	51	6	15.2045	.00000	.99951
15	51	32	14.4167	.00000	.99926	42	25	32	15.2045	.00000	.99951
44	42	9	14.5909	.00000	.99926	24	63	12	15.2045	.00001	.99952
49	26	25	14.5909	.00000	.99927	24	37	36	15.2045	.00001	.99953
18	62	19	14.5909	.00001	.99927	47	25	27	15.2803	.00000	.99953
18	46	35	14.5909	.00001	.99928	14	63	17	15.2803	.00000	.99954
53	28	21	14.6212	.00001	.99929	49	26	24	15.3030	.00000	.99954
15	62	23	14.6212	.00000	.99929	17	62	20	15.3030	.00000	.99954
49	40	13	14.6667	.00001	.99930	50	27	22	15.3258	.00000	.99955
17	48	34	14.6667	.00000	.99930	16	61	22	15.3258	.00000	.99955
39	56	7	14.7121	.00000	.99930	51	35	13	15.3409	.00001	.99956
32	36	37	14.7121	.00001	.99931	51	29	19	15.3409	.00001	.99956
51	32	16	14.7273	.00001	.99932	15	59	25	15.3409	.00000	.99957
13	56	28	14.7273	.00002	.99932	15	53	31	15.3409	.00000	.99957
37	27	35	14.7348	.00001	.99933	33	59	7	15.3409	.00000	.99957
29	61	9	14.7348	.00000	.99933	33	29	37	15.3409	.00001	.99958
44	25	36	14.7803	.00000	.99934	37	56	6	15.3939	.00000	.99958
22	63	14	14.7803	.00001	.99934	29	32	38	15.3939	.00001	.99958
51	33	15	14.7955	.00001	.99935	46	46	7	15.4394	.00000	.99959
13	55	29	14.7955	.00000	.99935	27	42	37	15.4394	.00001	.99959
51	31	17	14.7955	.00001	.99936	43	50	6	15.4848	.00000	.99959
43	47	7	14.7955	.00000	.99937	23	34	38	15.4848	.00001	.99960
45	25	29	14.7955	.00000	.99937	49	41	9	15.6439	.00000	.99960
21	63	15	14.7955	.00001	.99938	41	25	33	15.6439	.00000	.99961
21	41	37	14.7955	.00001	.99939	25	63	11	15.6439	.00000	.99961
13	57	27	14.7955	.00000	.99939	17	47	35	15.6439	.00000	.99961
47	44	8	14.8485	.00000	.99939	48	42	8	15.7500	.00000	.99962
35	28	36	14.8485	.00001	.99940	48	25	26	15.7500	.00000	.99962
31	62	8	14.8485	.00000	.99940	36	27	36	15.7500	.00000	.99962
19	44	36	14.8485	.00001	.99941	30	61	8	15.7500	.00000	.99962
43	25	31	14.9167	.00000	.99941	18	63	18	15.7500	.00000	.99963
23	63	13	14.9167	.00001	.99942	18	45	36	15.7500	.00000	.99963
45	25	26	14.9621	.00000	.99942	36	57	6	15.7500	.00000	.99963
23	63	16	14.9621	.00001	.99942	32	31	36	15.7500	.00001	.99964
43	53	6	14.9621	.00000	.99943	38	26	35	15.8030	.00000	.99964
25	35	38	14.9621	.00001	.99944	28	62	9	15.8030	.00000	.99964
51	34	14	15.0000	.00001	.99945	51	36	12	15.8182	.00000	.99965
51	30	18	15.0000	.00001	.99945	51	28	20	15.8182	.00000	.99965
39	26	34	15.0000	.00000	.99946	15	60	24	15.8182	.00000	.99965
27	62	10	15.0000	.00000	.99946	15	52	32	15.8182	.00000	.99966
13	56	26	15.0000	.00000	.99946	53	35	10	15.8712	.00000	.99966

(9)

TABLE 8

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
16	49	34	15.8712	.00000	.99966	40	54	5	16.8939	.00000	.99977
44	49	6	15.8712	.00000	.99966	26	34	39	16.8939	.00001	.99978
22	39	38	15.8712	.00001	.99967	14	54	31	16.8939	.00000	.99978
34	28	37	16.0758	.00000	.99967	41	55	5	16.9167	.00000	.99978
32	60	7	16.0758	.00000	.99967	35	27	37	16.9167	.00000	.99978
50	26	23	16.1667	.00000	.99968	31	61	7	16.9167	.00000	.99978
16	62	21	16.1667	.00000	.99968	25	35	39	16.9167	.00001	.99979
47	45	7	16.1894	.00000	.99968	46	47	6	16.9621	.00000	.99979
19	43	37	16.1894	.00000	.99968	20	41	38	16.9621	.00000	.99979
35	58	6	16.2121	.00000	.99968	39	55	5	16.9773	.00000	.99979
31	30	38	16.2121	.00001	.99969	39	25	35	16.9773	.00000	.99979
40	25	34	16.2348	.00000	.99969	27	63	9	16.9773	.00000	.99979
26	63	10	16.2348	.00000	.99969	27	33	39	16.9773	.00001	.99980
45	48	6	16.3636	.00000	.99969	46	44	7	17.0455	.00000	.99980
45	24	30	16.3636	.00000	.99969	48	24	27	17.0455	.00000	.99980
21	64	14	16.3636	.00000	.99970	42	52	5	17.0455	.00000	.99980
21	40	38	16.3636	.00001	.99970	42	24	33	17.0455	.00000	.99980
49	25	25	16.3712	.00000	.99970	24	64	11	17.0455	.00000	.99980
17	63	19	16.3712	.00000	.99971	24	36	39	17.0455	.00000	.99981
52	31	16	16.4167	.00000	.99971	18	64	17	17.0455	.00000	.99981
14	57	28	16.4167	.00000	.99971	14	44	37	17.0455	.00000	.99981
51	37	11	16.4318	.00000	.99972	52	25	24	17.1439	.00000	.99981
51	27	21	16.4318	.00000	.99972	16	63	20	17.1439	.00000	.99982
15	61	23	16.4318	.00000	.99972	52	28	19	17.1667	.00000	.99982
15	51	33	16.4318	.00000	.99972	38	56	5	17.1667	.00000	.99982
52	32	15	16.4394	.00000	.99972	28	32	39	17.1667	.00000	.99982
46	24	29	16.4394	.00000	.99973	14	60	25	17.1667	.00000	.99982
44	24	31	16.4394	.00000	.99973	51	36	10	17.1818	.00000	.99983
22	64	13	16.4394	.00000	.99973	51	26	22	17.1818	.00000	.99983
20	64	15	16.4394	.00000	.99973	15	62	22	17.1818	.00000	.99983
14	56	29	16.4394	.00000	.99973	15	50	34	17.1818	.00000	.99983
52	30	17	16.5303	.00000	.99974	43	51	5	17.2803	.00000	.99983
14	58	27	16.5303	.00000	.99974	23	37	39	17.2803	.00000	.99983
52	33	14	16.5985	.00000	.99974	52	35	12	17.3258	.00000	.99984
14	55	30	16.5985	.00000	.99974	14	53	32	17.3258	.00000	.99984
47	24	28	16.6667	.00000	.99975	33	60	6	17.4545	.00000	.99984
43	24	32	16.6667	.00000	.99975	33	28	36	17.4545	.00000	.99984
23	64	12	16.6667	.00000	.99975	37	57	5	17.4621	.00000	.99984
19	64	16	16.6667	.00000	.99975	29	31	39	17.4621	.00000	.99984
49	42	8	16.7576	.00000	.99975	49	24	26	17.5758	.00000	.99984
37	26	36	16.7576	.00000	.99976	17	64	18	17.5758	.00000	.99985
29	62	8	16.7576	.00000	.99976	41	24	34	17.5758	.00000	.99985
17	46	36	16.7576	.00000	.99976	25	64	13	17.5758	.00000	.99985
52	29	18	16.7803	.00000	.99976	44	50	5	17.6212	.00000	.99985
14	59	26	16.7803	.00000	.99976	22	38	39	17.6212	.00000	.99985
34	59	6	16.7803	.00000	.99976	47	46	6	17.6667	.00000	.99985
32	29	38	16.7803	.00000	.99977	19	42	38	17.6667	.00000	.99985
50	40	9	16.8030	.00000	.99977	52	27	20	17.6894	.00000	.99986
16	48	35	16.8030	.00000	.99977	14	61	24	17.6894	.00000	.99986
52	34	13	16.8939	.00000	.99977	36	58	5	17.8636	.00000	.99986

(10)

TABLE 8

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
35	28	37	17.8636	.00000	.99986	37	25	37	18.9167	.00000	.99991
33	62	7	17.8636	.00000	.99986	29	63	7	18.9167	.00000	.99991
33	30	39	17.8636	.00000	.99986	49	23	27	18.9167	.00000	.99991
50	41	8	17.8712	.00000	.99986	17	65	17	18.9167	.00000	.99991
38	25	36	17.8712	.00000	.99986	53	34	12	18.9394	.00000	.99991
29	63	8	17.8712	.00000	.99986	41	54	4	18.9394	.00000	.99991
16	47	36	17.8712	.00000	.99986	25	34	40	18.9394	.00000	.99991
52	36	11	17.8939	.00000	.99987	40	55	4	18.9621	.00000	.99991
14	52	33	17.8939	.00000	.99987	26	33	40	18.9621	.00000	.99992
49	43	7	18.0076	.00000	.99987	34	60	5	18.9848	.00000	.99992
17	45	37	18.0076	.00000	.99987	34	26	39	18.9848	.00000	.99992
45	23	33	18.0530	.00000	.99987	42	53	4	19.0227	.00000	.99992
23	65	14	18.0530	.00000	.99987	42	23	34	19.0227	.00000	.99992
51	39	9	18.0682	.00000	.99987	24	65	10	19.0227	.00000	.99992
51	25	23	18.0682	.00000	.99987	24	35	40	19.0227	.00000	.99992
43	49	5	18.0682	.00000	.99987	50	42	7	19.0758	.00000	.99992
43	23	31	18.0682	.00000	.99987	16	46	37	19.0758	.00000	.99992
21	65	13	18.0682	.00000	.99987	51	40	8	19.0909	.00000	.99992
21	39	39	18.0682	.00000	.99988	51	24	24	19.0909	.00000	.99992
13	63	21	18.0682	.00000	.99988	15	64	20	19.0909	.00000	.99992
13	49	35	18.0682	.00000	.99988	15	48	36	19.0909	.00000	.99992
53	31	15	18.1894	.00000	.99988	39	56	4	19.0909	.00000	.99992
47	23	29	18.1894	.00000	.99988	39	24	36	19.0909	.00000	.99992
19	65	15	18.1894	.00000	.99988	27	64	8	19.0909	.00000	.99992
53	30	16	18.2121	.00000	.99988	27	32	40	19.0909	.00000	.99993
49	23	32	18.2348	.00000	.99988	53	27	19	19.0985	.00000	.99993
34	27	38	18.2348	.00000	.99989	35	26	38	19.1212	.00000	.99993
32	61	6	18.2348	.00000	.99989	31	62	6	19.1212	.00000	.99993
22	65	12	18.2348	.00000	.99989	52	25	22	19.1439	.00000	.99993
50	24	25	18.2576	.00000	.99989	14	63	22	19.1439	.00000	.99993
40	24	35	18.2576	.00000	.99989	43	52	4	19.2121	.00000	.99993
25	64	9	18.2576	.00000	.99989	23	36	40	19.2121	.00000	.99993
15	64	19	18.2576	.00000	.99989	47	47	5	19.2803	.00000	.99993
53	32	14	18.3030	.00000	.99989	19	41	39	19.2803	.00000	.99993
52	26	21	18.3485	.00000	.99989	38	57	4	19.3258	.00000	.99993
15	62	23	18.3485	.00000	.99989	28	31	40	19.3258	.00000	.99993
53	29	17	18.3712	.00000	.99989	49	44	5	19.3939	.00000	.99993
33	59	5	18.3712	.00000	.99990	17	44	38	19.3939	.00000	.99993
31	29	39	18.3712	.00000	.99990	52	38	9	19.4394	.00000	.99994
48	45	6	18.4773	.00000	.99990	53	35	11	19.4621	.00000	.99994
48	23	28	18.4773	.00000	.99990	50	23	26	19.5076	.00000	.99994
19	65	16	18.4773	.00000	.99990	16	65	18	19.5076	.00000	.99994
19	43	38	18.4773	.00000	.99990	44	51	4	19.5076	.00000	.99994
53	33	13	18.5530	.00000	.99990	22	37	40	19.5076	.00000	.99994
43	23	33	18.5530	.00000	.99990	41	23	35	19.6439	.00000	.99994
23	65	11	18.5530	.00000	.99990	25	65	9	19.6439	.00000	.99994
52	37	10	18.5985	.00000	.99990	53	26	20	19.6667	.00000	.99994
45	48	5	18.6212	.00000	.99990	37	58	4	19.6667	.00000	.99994
23	40	39	18.6212	.00000	.99991	29	30	40	19.6667	.00000	.99994
53	28	16	18.6667	.00000	.99991	33	61	5	19.7045	.00000	.99994

(11)

TABLE 8

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
33	27	39	19.7045	.00000	.99994	31	28	40	20.6667	.00000	.99996
46	22	31	19.8030	.00000	.99994	52	22	27	20.8939	.00000	.99996
20	66	13	19.8030	.00000	.99994	16	66	17	20.8939	.00000	.99996
47	22	30	19.8485	.00000	.99994	53	37	9	20.9167	.00000	.99996
19	66	14	19.8485	.00000	.99994	49	45	5	20.9167	.00000	.99996
45	50	4	19.9091	.00000	.99994	17	43	39	20.9167	.00000	.99996
45	22	32	19.9091	.00000	.99994	47	48	4	21.0303	.00000	.99996
21	66	12	19.9091	.00000	.99994	19	46	40	21.0303	.00000	.99996
21	38	40	19.9091	.00000	.99995	41	55	3	21.0985	.00000	.99996
48	22	29	20.0455	.00000	.99995	25	33	41	21.0985	.00000	.99996
18	66	15	20.0455	.00000	.99995	54	34	11	21.1364	.00000	.99997
54	30	15	20.0455	.00000	.99995	54	26	19	21.1364	.00000	.99997
48	46	5	20.0455	.00000	.99995	42	54	3	21.1364	.00000	.99997
18	42	39	20.0455	.00000	.99995	42	22	35	21.1364	.00000	.99997
52	24	23	20.0758	.00000	.99995	24	66	9	21.1364	.00000	.99997
14	64	21	20.0758	.00000	.99995	24	34	41	21.1364	.00000	.99997
38	24	37	20.0758	.00000	.99995	52	23	24	21.1439	.00000	.99997
28	64	7	20.0758	.00000	.99995	14	65	20	21.1439	.00000	.99997
54	31	14	20.1136	.00000	.99995	40	56	3	21.1667	.00000	.99997
54	29	16	20.1136	.00000	.99995	26	32	41	21.1667	.00000	.99997
36	59	4	20.1136	.00000	.99995	53	24	22	21.2121	.00000	.99997
36	25	38	20.1136	.00000	.99995	37	24	38	21.2121	.00000	.99997
30	63	6	20.1136	.00000	.99995	29	64	6	21.2121	.00000	.99997
30	29	40	20.1136	.00000	.99995	43	53	3	21.2803	.00000	.99997
53	36	10	20.1212	.00000	.99995	23	35	41	21.2803	.00000	.99997
44	22	33	20.1667	.00000	.99995	34	61	4	21.3258	.00000	.99997
22	66	11	20.1667	.00000	.99995	32	27	40	21.3258	.00000	.99997
51	41	7	20.2500	.00000	.99995	39	57	3	21.3409	.00000	.99997
51	23	25	20.2500	.00000	.99995	39	23	37	21.3409	.00000	.99997
15	65	19	20.2500	.00000	.99995	27	65	7	21.3409	.00000	.99997
15	47	37	20.2500	.00000	.99995	27	31	41	21.3409	.00000	.99997
54	32	13	20.3182	.00000	.99996	35	25	39	21.4621	.00000	.99997
54	28	17	20.3182	.00000	.99996	31	63	5	21.4621	.00000	.99997
53	25	21	20.3712	.00000	.99996	52	40	7	21.5303	.00000	.99997
49	22	28	20.3939	.00000	.99996	44	52	3	21.5303	.00000	.99997
17	66	16	20.3939	.00000	.99996	22	36	41	21.5303	.00000	.99997
52	39	8	20.4167	.00000	.99996	51	22	26	21.5455	.00000	.99997
50	43	6	20.4167	.00000	.99996	15	66	18	21.5455	.00000	.99997
46	49	4	20.4167	.00000	.99996	51	42	5	21.5455	.00000	.99997
40	23	36	20.4167	.00000	.99996	15	46	38	21.5455	.00000	.99997
26	65	8	20.4167	.00000	.99996	38	58	3	21.6212	.00000	.99997
20	39	40	20.4167	.00000	.99996	28	30	41	21.6212	.00000	.99997
16	45	38	20.4167	.00000	.99996	47	21	31	21.6439	.00000	.99997
34	26	39	20.5303	.00000	.99996	19	67	13	21.6439	.00000	.99997
32	62	5	20.5303	.00000	.99996	46	21	32	21.6894	.00000	.99997
43	22	34	20.5758	.00000	.99996	20	67	12	21.6894	.00000	.99997
23	66	10	20.5758	.00000	.99996	54	35	10	21.7500	.00000	.99997
54	27	18	20.6591	.00000	.99996	54	23	26	21.7500	.00000	.99997
54	33	12	20.6591	.00000	.99996	48	47	4	21.7500	.00000	.99997
35	60	4	20.6667	.00000	.99996	48	21	30	21.7500	.00000	.99997

(12)

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
19	67	13	21.7500	.00000	.99997	31	27	41	23.0985	.00000	.99998
18	41	40	21.7500	.00000	.99998	53	22	24	23.3030	.00000	.99998
53	46	0	21.8485	.00000	.99998	54	23	22	23.3864	.00000	.99998
41	22	36	21.8485	.00000	.99998	42	55	2	23.3864	.00000	.99998
25	66	8	21.8485	.00000	.99998	42	21	36	23.3864	.00000	.99998
45	21	33	21.8864	.00000	.99998	24	67	8	23.3864	.00000	.99998
21	67	11	21.8864	.00000	.99998	24	32	43	23.3864	.00000	.99998
45	51	3	21.8864	.00000	.99998	41	56	2	23.3939	.00000	.99998
21	37	41	21.8864	.00000	.99998	25	32	42	23.3939	.00000	.99998
50	44	5	21.8939	.00000	.99998	43	54	2	23.4848	.00000	.99998
16	44	39	21.8939	.00000	.99998	23	34	42	23.4848	.00000	.99998
49	21	29	22.0076	.00000	.99998	50	45	4	23.5076	.00000	.99998
37	59	3	22.0076	.00000	.99998	40	57	2	23.5076	.00000	.99998
29	29	41	22.0076	.00000	.99998	26	31	42	23.5076	.00000	.99998
17	67	15	22.0076	.00000	.99998	16	43	40	23.5076	.00000	.99998
33	62	4	22.0909	.00000	.99998	47	20	32	23.5758	.00000	.99998
33	26	40	22.0909	.00000	.99998	19	68	12	23.5758	.00000	.99998
53	23	23	22.1894	.00000	.99998	48	20	31	23.5909	.00000	.99998
44	21	34	22.2348	.00000	.99998	18	68	13	23.5909	.00000	.99998
22	67	10	22.2348	.00000	.99998	48	48	3	23.5909	.00000	.99998
52	22	25	22.3485	.00000	.99998	18	40	41	23.5909	.00000	.99998
14	66	19	22.3485	.00000	.99998	37	23	39	23.6439	.00000	.99998
45	51	3	22.3485	.00000	.99998	29	65	5	23.6439	.00000	.99998
20	38	41	22.3485	.00000	.99998	52	21	26	23.6894	.00000	.99998
50	21	28	22.4167	.00000	.99998	44	53	2	23.6894	.00000	.99998
16	67	16	22.4167	.00000	.99998	22	35	42	23.6894	.00000	.99998
38	23	38	22.4167	.00000	.99998	14	67	18	23.6894	.00000	.99998
28	65	6	22.4167	.00000	.99998	46	20	33	23.7121	.00000	.99998
54	24	21	22.5000	.00000	.99998	20	68	11	23.7121	.00000	.99998
35	61	3	22.5000	.00000	.99998	39	58	2	23.7273	.00000	.99998
36	24	39	22.5000	.00000	.99998	39	22	38	23.7273	.00000	.99998
33	61	5	22.5303	.00000	.99998	27	66	6	23.7273	.00000	.99998
30	28	41	22.5606	.00000	.99998	27	30	42	23.7273	.00000	.99998
49	46	4	22.5758	.00000	.99998	49	20	30	23.7576	.00000	.99998
17	42	40	22.5758	.00000	.99998	17	68	14	23.7576	.00000	.99998
40	22	37	22.7121	.00000	.99998	34	62	3	23.8030	.00000	.99998
26	66	7	22.7121	.00000	.99998	32	26	41	23.8030	.00000	.99998
43	21	35	22.7348	.00000	.99998	35	24	40	23.9394	.00000	.99998
23	67	9	22.7348	.00000	.99998	31	64	4	23.9394	.00000	.99998
52	41	6	22.7803	.00000	.99998	45	52	2	24.0000	.00000	.99998
53	39	7	22.9167	.00000	.99998	45	20	34	24.0000	.00000	.99998
47	49	3	22.9167	.00000	.99998	21	68	10	24.0303	.00000	.99999
19	39	41	22.9167	.00000	.99998	21	36	42	24.0303	.00000	.99999
34	25	40	22.9621	.00000	.99998	38	59	2	24.0530	.00000	.99999
32	63	4	22.9621	.00000	.99998	28	29	42	24.0530	.00000	.99999
51	43	5	22.9773	.00000	.99998	50	20	29	24.0758	.00000	.99999
15	45	39	22.9773	.00000	.99998	16	68	15	24.0758	.00000	.99999
51	21	27	22.9773	.00000	.99998	53	40	6	24.1212	.00000	.99999
15	67	17	22.9773	.00000	.99998	52	42	5	24.1667	.00000	.99999
35	61	3	23.0985	.00000	.99998	41	21	37	24.1894	.00000	.99999

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
25	67	7	24.1894	.00000	.99999	24	68	7	25.7727	.00000	.99999
49	47	3	24.3712	.00000	.99999	24	32	43	25.7727	.00000	.99999
17	41	41	24.3712	.00000	.99999	43	55	1	25.8258	.00000	.99999
54	22	23	24.4091	.00000	.99999	41	57	1	25.8258	.00000	.99999
46	51	2	24.4167	.00000	.99999	25	31	43	25.8258	.00000	.99999
20	37	42	24.4167	.00000	.99999	23	33	43	25.8258	.00000	.99999
44	20	35	24.4394	.00000	.99999	50	19	30	25.8712	.00000	.99999
22	68	9	24.4394	.00000	.99999	46	19	34	25.8712	.00000	.99999
37	60	2	24.4848	.00000	.99999	20	69	10	25.8712	.00000	.99999
29	28	42	24.4848	.00000	.99999	16	69	14	25.8712	.00000	.99999
51	44	4	24.5455	.00000	.99999	53	20	26	25.9394	.00000	.99999
51	20	28	24.5455	.00000	.99999	44	54	1	25.9848	.00000	.99999
15	68	16	24.5455	.00000	.99999	40	58	1	25.9848	.00000	.99999
15	44	40	24.5455	.00000	.99999	26	30	43	25.9848	.00000	.99999
53	21	25	24.5530	.00000	.99999	22	34	43	25.9848	.00000	.99999
33	63	3	24.6136	.00000	.99999	37	22	40	26.2121	.00000	.99999
33	25	41	24.6136	.00000	.99999	29	66	4	26.2121	.00000	.99999
38	22	39	24.6939	.00000	.99999	51	19	29	26.2500	.00000	.99999
28	66	5	24.6939	.00000	.99999	15	69	15	26.2500	.00000	.99999
47	50	2	24.9394	.00000	.99999	51	45	3	26.2500	.00000	.99999
19	38	42	24.9394	.00000	.99999	45	53	1	26.2500	.00000	.99999
36	61	2	25.0227	.00000	.99999	45	19	35	26.2500	.00000	.99999
36	23	40	25.0227	.00000	.99999	39	59	1	26.2500	.00000	.99999
30	65	4	25.0227	.00000	.99999	39	21	39	26.2500	.00000	.99999
30	27	42	25.0227	.00000	.99999	27	67	5	26.2500	.00000	.99999
43	20	36	25.0303	.00000	.99999	27	29	43	26.2500	.00000	.99999
23	68	8	25.0303	.00000	.99999	21	69	9	26.2500	.00000	.99999
40	21	38	25.1439	.00000	.99999	21	35	43	26.2500	.00000	.99999
26	67	6	25.1439	.00000	.99999	15	43	41	26.2500	.00000	.99999
52	20	27	25.1667	.00000	.99999	49	48	2	26.3030	.00000	.99999
16	66	17	25.1667	.00000	.99999	17	40	42	26.3030	.00000	.99999
50	46	3	25.2576	.00000	.99999	34	63	2	26.4167	.00000	.99999
16	42	41	25.2576	.00000	.99999	32	25	42	26.4167	.00000	.99999
53	41	5	25.4621	.00000	.99999	35	23	41	26.5530	.00000	.99999
24	44	31	25.5303	.00000	.99999	31	65	3	26.5530	.00000	.99999
32	64	3	25.5303	.00000	.99999	46	52	1	26.6212	.00000	.99999
54	21	24	25.5303	.00000	.99999	38	60	1	26.6212	.00000	.99999
48	49	2	25.5682	.00000	.99999	28	28	43	26.6212	.00000	.99999
48	19	32	25.5682	.00000	.99999	20	36	43	26.6212	.00000	.99999
18	69	12	25.5682	.00000	.99999	41	20	38	26.6667	.00000	.99999
18	39	42	25.5682	.00000	.99999	52	46	1	26.6667	.00000	.99999
47	19	33	25.6439	.00000	.99999	52	19	28	26.7803	.00000	.99999
19	69	11	25.6439	.00000	.99999	44	19	36	26.7803	.00000	.99999
49	19	31	25.6439	.00000	.99999	22	69	8	26.7803	.00000	.99999
17	69	13	25.6439	.00000	.99999	14	69	16	26.7803	.00000	.99999
35	62	2	25.6667	.00000	.99999	54	20	25	26.8636	.00000	.99999
31	26	42	25.6667	.00000	.99999	53	42	4	26.9394	.00000	.99999
52	43	4	25.6894	.00000	.99999	47	51	1	27.0985	.00000	.99999
42	56	1	25.7727	.00000	.99999	37	61	1	27.0985	.00000	.99999
42	20	37	25.7727	.00000	.99999	29	27	43	27.0985	.00000	.99999

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
19	37	43	27.0985	.00000	.99999	52	18	29	28.5303	.00000	.99999
50	47	2	27.1439	.00000	.99999	14	70	15	28.5303	.00000	.99999
16	42	41	27.1439	.00000	.99999	53	43	3	28.5530	.00000	.99999
33	64	2	27.2727	.00000	.99999	26	29	44	28.5985	.00000	.99999
33	24	42	27.2727	.00000	.99999	40	59	0	28.5985	.00000	.99999
52	44	3	27.3485	.00000	.99999	21	34	44	28.6364	.00000	.99999
43	19	37	27.4621	.00000	.99999	45	54	0	28.6364	.00000	.99999
23	69	7	27.4621	.00000	.99999	45	18	36	28.6364	.00000	.99999
53	19	27	27.4621	.00000	.99999	21	70	8	28.6364	.00000	.99999
34	21	44	27.5076	.00000	.99999	39	20	40	28.9091	.00000	.99999
28	67	4	27.5076	.00000	.99999	27	68	4	28.9091	.00000	.99999
49	18	32	27.6667	.00000	.99999	27	28	44	28.9091	.00000	.99999
17	70	12	27.6667	.00000	.99999	39	60	0	28.9091	.00000	.99999
48	18	33	27.6818	.00000	.99999	37	21	41	28.9167	.00000	.99999
18	70	11	27.6818	.00000	.99999	29	67	3	28.9167	.00000	.99999
48	50	1	27.6818	.00000	.99999	20	35	44	28.9621	.00000	.99999
36	62	1	27.6818	.00000	.99999	46	53	0	28.9621	.00000	.99999
36	22	41	27.6818	.00000	.99999	53	18	28	29.1212	.00000	.99999
30	66	3	27.6818	.00000	.99999	52	45	2	29.1439	.00000	.99999
30	26	43	27.6818	.00000	.99999	50	48	1	29.1667	.00000	.99999
18	38	43	27.6818	.00000	.99999	34	64	1	29.1667	.00000	.99999
40	20	39	27.7121	.00000	.99999	32	24	43	29.1667	.00000	.99999
26	68	5	27.7121	.00000	.99999	16	40	43	29.1667	.00000	.99999
50	18	31	27.8030	.00000	.99999	44	18	37	29.2576	.00000	.99999
16	70	13	27.8030	.00000	.99999	22	70	7	29.2576	.00000	.99999
47	18	34	27.8485	.00000	.99999	41	19	39	29.2803	.00000	.99999
19	70	10	27.8485	.00000	.99999	25	69	5	29.2803	.00000	.99999
51	46	2	28.0909	.00000	.99999	36	21	42	29.3030	.00000	.99999
51	18	30	28.0909	.00000	.99999	31	66	2	29.3030	.00000	.99999
15	70	14	28.0909	.00000	.99999	28	27	44	29.3258	.00000	.99999
15	42	42	28.0909	.00000	.99999	38	61	0	29.3258	.00000	.99999
46	18	35	28.1667	.00000	.99999	19	36	44	29.3939	.00000	.99999
20	70	9	28.1667	.00000	.99999	47	52	0	29.3939	.00000	.99999
34	23	42	28.2348	.00000	.99999	49	17	33	29.8258	.00000	.99999
32	65	2	28.2348	.00000	.99999	17	71	11	29.8258	.00000	.99999
54	19	26	28.2955	.00000	.99999	29	26	44	29.8485	.00000	.99999
24	31	44	28.2955	.00000	.99999	37	62	0	29.8485	.00000	.99999
42	57	0	28.2955	.00000	.99999	54	18	27	29.8636	.00000	.99999
42	19	38	28.2955	.00000	.99999	50	17	32	29.8712	.00000	.99999
24	69	6	28.2955	.00000	.99999	16	71	12	29.8712	.00000	.99999
23	32	44	28.3030	.00000	.99999	48	17	34	29.9318	.00000	.99999
43	56	0	28.3030	.00000	.99999	18	71	10	29.9318	.00000	.99999
49	49	1	28.3712	.00000	.99999	18	37	44	29.9318	.00000	.99999
35	63	1	28.3712	.00000	.99999	48	51	0	29.9318	.00000	.99999
31	25	43	28.3712	.00000	.99999	43	18	38	30.0303	.00000	.99999
17	39	43	28.3712	.00000	.99999	23	70	6	30.0303	.00000	.99999
25	30	44	28.3939	.00000	.99999	51	47	1	30.0682	.00000	.99999
41	58	0	28.3939	.00000	.99999	51	17	31	30.0682	.00000	.99999
22	33	44	28.4167	.00000	.99999	15	71	13	30.0682	.00000	.99999
44	55	0	28.4167	.00000	.99999	15	41	43	30.0682	.00000	.99999

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
33	65	1	30.0682	.00000	.99999	34	65	0	32.0530	.00000	.99999
33	23	43	30.0682	.00000	.99999	50	16	33	32.0758	.00000	.99999
47	17	35	30.1894	.00000	.99999	16	72	11	32.0758	.00000	.99999
19	71	9	30.1894	.00000	.99999	49	16	34	32.1212	.00000	.99999
38	20	41	30.2576	.00000	.99999	17	72	10	32.1212	.00000	.99999
28	68	3	30.2576	.00000	.99999	28	26	45	32.1667	.00000	.99999
53	44	2	30.3030	.00000	.99999	15	40	44	32.1818	.00000	.99999
52	17	30	30.4167	.00000	.99999	51	48	0	32.1818	.00000	.99999
40	19	40	30.4167	.00000	.99999	51	16	32	32.1818	.00000	.99999
26	69	4	30.4167	.00000	.99999	15	72	12	32.1818	.00000	.99999
14	71	14	30.4167	.00000	.99999	53	45	1	32.1894	.00000	.99999
30	25	44	30.4773	.00000	.99999	35	21	43	32.1894	.00000	.99999
36	63	0	30.4773	.00000	.99999	31	67	1	32.1894	.00000	.99999
36	21	42	30.4773	.00000	.99999	48	16	35	32.3182	.00000	.99999
30	67	2	30.4773	.00000	.99999	18	72	9	32.3182	.00000	.99999
17	38	44	30.5758	.00000	.99999	18	36	45	32.3182	.00000	.99999
49	50	0	30.5758	.00000	.99999	52	16	31	32.4394	.00000	.99999
46	17	36	30.5985	.00000	.99999	14	72	13	32.4394	.00000	.99999
20	71	8	30.5985	.00000	.99999	47	16	36	32.6667	.00000	.99999
53	17	29	30.9167	.00000	.99999	19	72	8	32.6667	.00000	.99999
23	31	45	30.9167	.00000	.99999	43	17	39	32.7348	.00000	.99999
42	18	39	30.9545	.00000	.99999	29	25	45	32.7348	.00000	.99999
24	70	5	30.9545	.00000	.99999	23	71	5	32.7348	.00000	.99999
24	30	45	30.9545	.00000	.99999	53	16	30	32.8485	.00000	.99999
22	32	45	30.9848	.00000	.99999	17	37	45	32.9167	.00000	.99999
52	46	1	31.0758	.00000	.99999	33	66	0	33.0303	.00000	.99999
34	22	43	31.0758	.00000	.99999	33	22	44	33.0303	.00000	.99999
32	66	1	31.0758	.00000	.99999	52	47	0	33.1439	.00000	.99999
25	29	45	31.0985	.00000	.99999	38	19	42	33.1439	.00000	.99999
45	17	37	31.1591	.00000	.99999	28	69	2	33.1439	.00000	.99999
21	71	7	31.1591	.00000	.99999	46	16	37	33.1667	.00000	.99999
21	33	45	31.1591	.00000	.99999	20	72	7	33.1667	.00000	.99999
31	24	44	31.2121	.00000	.99999	40	18	41	33.2576	.00000	.99999
35	64	0	31.2121	.00000	.99999	26	70	3	33.2576	.00000	.99999
16	39	44	31.3258	.00000	.99999	54	16	29	33.4091	.00000	.99999
50	49	0	31.3258	.00000	.99999	36	20	43	33.4091	.00000	.99999
26	28	45	31.3485	.00000	.99999	30	68	1	33.4091	.00000	.99999
20	34	45	31.4394	.00000	.99999	30	24	45	33.4091	.00000	.99999
54	17	28	31.5682	.00000	.99999	16	38	45	33.6212	.00000	.99999
27	27	45	31.7045	.00000	.99999	23	30	46	33.6667	.00000	.99999
39	19	41	31.7045	.00000	.99999	22	31	46	33.6894	.00000	.99999
27	69	3	31.7045	.00000	.99999	42	17	40	33.7500	.00000	.99999
37	20	42	31.7576	.00000	.99999	24	71	4	33.7500	.00000	.99999
29	68	2	31.7576	.00000	.99999	24	29	46	33.7500	.00000	.99999
19	35	45	31.8258	.00000	.99999	45	16	38	33.8182	.00000	.99999
44	17	38	31.8712	.00000	.99999	21	72	6	33.8182	.00000	.99999
22	71	6	31.8712	.00000	.99999	21	32	46	33.8182	.00000	.99999
41	18	40	32.0303	.00000	.99999	25	28	46	33.9394	.00000	.99999
25	70	4	32.0303	.00000	.99999	34	21	44	34.0530	.00000	.99999
32	23	44	32.0530	.00000	.99999	20	33	46	34.0530	.00000	.99999

TABLE 8

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
32	67	0	34.0530	.00000	.99999	23	29	47	36.5530	.00000	.99999
31	23	45	34.1894	.00000	.99999	45	15	39	36.6136	.00000	.99999
53	46	0	34.2121	.00000	.99999	21	73	5	36.6136	.00000	.99999
26	27	46	34.2348	.00000	.99999	21	31	47	36.6136	.00000	.99999
19	34	46	34.3939	.00000	.99999	42	16	41	36.6818	.00000	.99999
50	15	34	34.4167	.00000	.99999	24	72	3	36.6818	.00000	.99999
16	73	10	34.4167	.00000	.99999	24	28	47	36.6818	.00000	.99999
51	15	33	34.4318	.00000	.99999	20	32	47	36.8030	.00000	.99999
15	73	11	34.4318	.00000	.99999	51	14	34	36.8182	.00000	.99999
15	39	45	34.4318	.00000	.99999	15	74	10	36.8182	.00000	.99999
49	15	35	34.5530	.00000	.99999	15	38	46	36.8182	.00000	.99999
17	73	9	34.5530	.00000	.99999	52	14	33	36.8939	.00000	.99999
52	15	32	34.5985	.00000	.99999	50	14	35	36.8939	.00000	.99999
14	73	12	34.5985	.00000	.99999	16	74	9	36.8939	.00000	.99999
44	16	39	34.6212	.00000	.99999	14	74	11	36.8939	.00000	.99999
22	72	5	34.6212	.00000	.99999	25	27	47	36.9167	.00000	.99999
39	18	42	34.6364	.00000	.99999	19	33	47	37.0985	.00000	.99999
27	70	2	34.6364	.00000	.99999	53	14	32	37.1212	.00000	.99999
27	26	46	34.6364	.00000	.99999	49	14	36	37.1212	.00000	.99999
37	19	43	34.7348	.00000	.99999	17	74	8	37.1212	.00000	.99999
29	69	1	34.7348	.00000	.99999	34	20	45	37.1667	.00000	.99999
48	15	36	34.8409	.00000	.99999	26	26	47	37.2576	.00000	.99999
18	73	8	34.8409	.00000	.99999	31	22	46	37.3030	.00000	.99999
18	35	46	34.8409	.00000	.99999	54	14	31	37.5000	.00000	.99999
53	15	31	34.9167	.00000	.99999	48	14	37	37.5000	.00000	.99999
41	17	41	34.9167	.00000	.99999	18	74	7	37.5000	.00000	.99999
25	71	3	34.9167	.00000	.99999	18	34	47	37.5000	.00000	.99999
32	22	45	35.0758	.00000	.99999	44	15	40	37.5076	.00000	.99999
28	25	46	35.1439	.00000	.99999	22	73	4	37.5076	.00000	.99999
33	22	44	35.2121	.00000	.99999	39	17	43	37.7045	.00000	.99999
31	68	0	35.2121	.00000	.99999	27	71	1	37.7045	.00000	.99999
47	15	37	35.2803	.00000	.99999	27	25	47	37.7045	.00000	.99999
19	73	7	35.2803	.00000	.99999	37	18	44	37.8485	.00000	.99999
54	15	30	35.3864	.00000	.99999	29	70	0	37.8485	.00000	.99999
17	36	46	35.3939	.00000	.99999	41	16	42	37.9394	.00000	.99999
43	16	40	35.5758	.00000	.99999	25	72	2	37.9394	.00000	.99999
23	72	4	35.5758	.00000	.99999	17	35	47	38.0076	.00000	.99999
29	24	46	35.7576	.00000	.99999	47	14	38	38.0303	.00000	.99999
46	15	38	35.8712	.00000	.99999	19	74	6	38.0303	.00000	.99999
20	73	6	35.8712	.00000	.99999	32	21	46	38.2348	.00000	.99999
16	37	46	36.0530	.00000	.99999	28	24	47	38.2576	.00000	.99999
33	21	45	36.0682	.00000	.99999	35	19	45	38.3712	.00000	.99999
38	18	43	36.1667	.00000	.99999	43	15	41	38.5530	.00000	.99999
28	70	1	36.1667	.00000	.99999	23	73	3	38.5530	.00000	.99999
40	17	42	36.2348	.00000	.99999	16	36	47	38.6212	.00000	.99999
26	71	2	36.2348	.00000	.99999	46	14	39	38.7121	.00000	.99999
36	19	44	36.4773	.00000	.99999	20	74	5	38.7121	.00000	.99999
30	69	0	36.4773	.00000	.99999	29	23	47	38.9167	.00000	.99999
30	23	46	36.4773	.00000	.99999	33	20	46	39.2727	.00000	.99999
22	30	47	36.5303	.00000	.99999	52	13	34	39.3258	.00000	.99999

TABLE 8

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
38	17	44	39.3258	.00000	.99999	46	13	40	41.6894	.00000	.99999
14	75	10	39.3258	.00000	.99999	20	75	4	41.6894	.00000	.99999
28	71	0	39.3258	.00000	.99999	52	12	35	41.8939	.00000	.99999
51	13	35	39.3409	.00000	.99999	14	76	9	41.8939	.00000	.99999
15	75	9	39.3409	.00000	.99999	53	12	34	41.9394	.00000	.99999
15	37	47	39.3409	.00000	.99999	51	12	36	42.0000	.00000	.99999
40	16	43	39.3485	.00000	.99999	15	76	8	42.0000	.00000	.99999
26	72	1	39.3485	.00000	.99999	15	36	48	42.0000	.00000	.99999
53	13	33	39.4621	.00000	.99999	54	12	33	42.1364	.00000	.99999
50	13	36	39.5076	.00000	.99999	29	22	48	42.2121	.00000	.99999
22	29	48	39.5076	.00000	.99999	50	12	37	42.2576	.00000	.99999
16	75	8	39.5076	.00000	.99999	16	76	7	42.2576	.00000	.99999
45	14	40	39.5455	.00000	.99999	40	15	44	42.5985	.00000	.99999
21	74	4	39.5455	.00000	.99999	26	73	0	42.5985	.00000	.99999
21	30	48	39.5455	.00000	.99999	45	13	41	42.6136	.00000	.99999
23	28	48	39.5758	.00000	.99999	21	75	3	42.6136	.00000	.99999
36	18	45	39.6818	.00000	.99999	21	29	49	42.6136	.00000	.99999
30	22	47	39.6818	.00000	.99999	33	19	47	42.6136	.00000	.99999
20	31	48	39.6894	.00000	.99999	22	28	49	42.6212	.00000	.99999
54	13	32	39.7500	.00000	.99999	38	16	45	42.6212	.00000	.99999
42	15	42	39.7500	.00000	.99999	49	12	38	42.6667	.00000	.99999
24	73	2	39.7500	.00000	.99999	17	76	6	42.6667	.00000	.99999
24	27	48	39.7500	.00000	.99999	20	30	49	42.7121	.00000	.99999
49	13	37	39.8258	.00000	.99999	23	27	49	42.7348	.00000	.99999
17	75	7	39.8258	.00000	.99999	19	31	49	42.9167	.00000	.99999
19	32	48	39.9394	.00000	.99999	42	14	43	42.9545	.00000	.99999
25	26	48	40.0303	.00000	.99999	24	74	1	42.9545	.00000	.99999
48	13	38	40.2955	.00000	.99999	24	26	49	42.9545	.00000	.99999
18	75	6	40.2955	.00000	.99999	36	17	46	43.0227	.00000	.99999
18	33	48	40.2955	.00000	.99999	30	21	48	43.0227	.00000	.99999
34	19	46	40.4167	.00000	.99999	48	12	39	43.2273	.00000	.99999
26	25	48	40.4167	.00000	.99999	18	76	5	43.2273	.00000	.99999
44	14	41	40.5303	.00000	.99999	18	32	49	43.2273	.00000	.99999
22	74	3	40.5303	.00000	.99999	25	25	49	43.2803	.00000	.99999
31	21	47	40.5530	.00000	.99999	17	33	49	43.6439	.00000	.99999
17	34	48	40.7576	.00000	.99999	44	13	42	43.6894	.00000	.99999
39	16	44	40.9091	.00000	.99999	22	75	2	43.6894	.00000	.99999
27	72	0	40.9091	.00000	.99999	26	24	49	43.7121	.00000	.99999
27	24	48	40.9091	.00000	.99999	34	18	47	43.8030	.00000	.99999
47	13	39	40.9167	.00000	.99999	47	12	40	43.9394	.00000	.99999
19	75	5	40.9167	.00000	.99999	31	20	48	43.9394	.00000	.99999
41	15	43	41.0985	.00000	.99999	19	76	4	43.9394	.00000	.99999
37	17	45	41.0985	.00000	.99999	16	34	49	44.1667	.00000	.99999
25	73	1	41.0985	.00000	.99999	39	15	45	44.2500	.00000	.99999
16	35	48	41.3258	.00000	.99999	27	23	49	44.2500	.00000	.99999
28	23	48	41.5076	.00000	.99999	41	14	44	44.3939	.00000	.99999
32	20	47	41.5303	.00000	.99999	25	74	0	44.3939	.00000	.99999
43	14	42	41.6667	.00000	.99999	37	16	46	44.4848	.00000	.99999
35	18	46	41.6667	.00000	.99999	53	11	35	44.5530	.00000	.99999
23	74	2	41.6667	.00000	.99999	52	11	36	44.5985	.00000	.99999

TABLE 8

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
14	77	8	44.5985	.00000	.99999	15	78	6	47.7273	.00000	.99999
54	11	34	44.6591	.00000	.99999	39	14	46	47.7273	.00000	.99999
51	11	37	44.7955	.00000	.99999	27	22	50	47.7273	.00000	.99999
15	77	7	44.7955	.00000	.99999	15	34	50	47.7273	.00000	.99999
15	35	49	44.7955	.00000	.99999	41	13	45	47.8258	.00000	.99999
46	12	41	44.8030	.00000	.99999	37	15	47	48.0076	.00000	.99999
20	76	3	44.8030	.00000	.99999	46	11	42	48.0530	.00000	.99999
28	22	49	44.8939	.00000	.99999	20	77	2	48.0530	.00000	.99999
43	13	43	44.9167	.00000	.99999	50	10	39	48.1667	.00000	.99999
23	75	1	44.9167	.00000	.99999	16	78	5	48.1667	.00000	.99999
32	19	48	44.9621	.00000	.99999	43	12	44	48.3030	.00000	.99999
35	17	47	45.0985	.00000	.99999	23	76	0	48.3030	.00000	.99999
50	11	38	45.1439	.00000	.99999	28	21	50	48.4167	.00000	.99999
16	77	6	45.1439	.00000	.99999	32	18	49	48.5303	.00000	.99999
49	11	39	45.6439	.00000	.99999	35	16	48	48.6667	.00000	.99999
29	21	49	45.6439	.00000	.99999	49	10	40	48.7576	.00000	.99999
17	77	5	45.6439	.00000	.99999	17	78	4	48.7576	.00000	.99999
45	12	42	45.8182	.00000	.99999	45	11	43	49.1591	.00000	.99999
21	76	2	45.8182	.00000	.99999	21	77	1	49.1591	.00000	.99999
21	28	50	45.8182	.00000	.99999	21	27	51	49.1591	.00000	.99999
22	27	50	45.8712	.00000	.99999	20	28	51	49.1667	.00000	.99999
20	29	50	45.8712	.00000	.99999	29	20	50	49.2121	.00000	.99999
40	14	45	45.9848	.00000	.99999	22	26	51	49.2576	.00000	.99999
23	26	50	46.0303	.00000	.99999	19	29	51	49.2803	.00000	.99999
19	30	50	46.0303	.00000	.99999	23	25	51	49.4621	.00000	.99999
38	15	46	46.0530	.00000	.99999	48	10	41	49.5000	.00000	.99999
33	18	48	46.0909	.00000	.99999	18	78	3	49.5000	.00000	.99999
48	11	40	46.2955	.00000	.99999	18	30	51	49.5000	.00000	.99999
42	13	44	46.2955	.00000	.99999	40	13	46	49.5076	.00000	.99999
24	75	0	46.2955	.00000	.99999	38	14	47	49.6212	.00000	.99999
24	25	50	46.2955	.00000	.99999	33	17	49	49.7045	.00000	.99999
18	77	4	46.2955	.00000	.99999	42	12	45	49.7727	.00000	.99999
18	31	50	46.2955	.00000	.99999	24	24	51	49.7727	.00000	.99999
36	16	47	46.5000	.00000	.99999	17	31	51	49.8258	.00000	.99999
30	20	49	46.5000	.00000	.99999	54	9	36	50.1136	.00000	.99999
25	24	50	46.6667	.00000	.99999	36	15	48	50.1136	.00000	.99999
17	32	50	46.6667	.00000	.99999	30	19	50	50.1136	.00000	.99999
44	12	43	46.9848	.00000	.99999	53	9	37	50.1894	.00000	.99999
22	76	1	46.9848	.00000	.99999	25	23	51	50.1894	.00000	.99999
47	11	41	47.0985	.00000	.99999	16	32	51	50.2576	.00000	.99999
19	77	3	47.0985	.00000	.99999	47	10	42	50.3939	.00000	.99999
26	23	50	47.1439	.00000	.99999	19	78	2	50.3939	.00000	.99999
16	33	50	47.1439	.00000	.99999	52	9	38	50.4167	.00000	.99999
53	10	36	47.3030	.00000	.99999	44	11	44	50.4167	.00000	.99999
54	10	35	47.3182	.00000	.99999	14	79	6	50.4167	.00000	.99999
34	17	48	47.3258	.00000	.99999	22	77	0	50.4167	.00000	.99999
52	10	37	47.4394	.00000	.99999	26	22	51	50.7121	.00000	.99999
14	78	7	47.4394	.00000	.99999	15	33	51	50.7955	.00000	.99999
31	19	49	47.4621	.00000	.99999	51	9	39	50.7955	.00000	.99999
51	10	38	47.7273	.00000	.99999	15	79	5	50.7955	.00000	.99999

TABLE 8

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
34	16	49	50.9848	.00000	.99999	34	15	50	54.7803	.00000	.99999
31	18	50	51.1212	.00000	.99999	31	17	51	54.9167	.00000	.99999
50	9	40	51.3258	.00000	.99999	46	9	44	54.9621	.00000	.99999
16	79	4	51.3258	.00000	.99999	20	79	0	54.9621	.00000	.99999
39	13	47	51.3409	.00000	.99999	39	12	48	55.0909	.00000	.99999
27	21	51	51.3409	.00000	.99999	27	20	52	55.0909	.00000	.99999
41	12	46	51.3939	.00000	.99999	41	11	47	55.0985	.00000	.99999
46	10	43	51.4394	.00000	.99999	49	8	42	55.3939	.00000	.99999
20	78	1	51.4394	.00000	.99999	17	80	2	55.3939	.00000	.99999
37	14	48	51.6667	.00000	.99999	37	13	49	55.4621	.00000	.99999
43	11	45	51.8258	.00000	.99999	43	10	46	55.4848	.00000	.99999
49	9	41	52.0076	.00000	.99999	28	19	52	55.8712	.00000	.99999
17	79	3	52.0076	.00000	.99999	32	16	51	56.0758	.00000	.99999
28	20	51	52.0758	.00000	.99999	54	7	38	56.1136	.00000	.99999
32	17	50	52.2348	.00000	.99999	20	26	53	56.1667	.00000	.99999
35	15	49	52.3712	.00000	.99999	19	27	53	56.1894	.00000	.99999
20	27	52	52.5985	.00000	.99999	35	14	50	56.2121	.00000	.99999
45	10	44	52.6364	.00000	.99999	45	9	45	56.2500	.00000	.99999
21	78	0	52.6364	.00000	.99999	21	25	53	56.2500	.00000	.99999
21	26	52	52.6364	.00000	.99999	48	8	43	56.3182	.00000	.99999
19	28	52	52.6667	.00000	.99999	18	80	1	56.3182	.00000	.99999
22	25	52	52.7803	.00000	.99999	18	28	53	56.3182	.00000	.99999
48	9	42	52.8409	.00000	.99999	53	7	39	56.3712	.00000	.99999
18	79	2	52.8409	.00000	.99999	22	24	53	56.4394	.00000	.99999
18	29	52	52.8409	.00000	.99999	17	29	53	56.5530	.00000	.99999
29	19	51	52.9167	.00000	.99999	23	23	53	56.7348	.00000	.99999
23	24	52	53.0303	.00000	.99999	29	18	52	56.7576	.00000	.99999
54	8	37	53.0455	.00000	.99999	52	7	40	56.7803	.00000	.99999
17	30	52	53.1212	.00000	.99999	14	81	4	56.7803	.00000	.99999
40	12	47	53.1667	.00000	.99999	16	30	53	56.8939	.00000	.99999
53	8	38	53.2121	.00000	.99999	40	11	48	56.9621	.00000	.99999
38	13	48	53.3258	.00000	.99999	42	10	47	57.1364	.00000	.99999
42	11	46	53.3864	.00000	.99999	24	22	53	57.1364	.00000	.99999
24	23	52	53.3864	.00000	.99999	38	12	49	57.1667	.00000	.99999
33	16	50	53.4545	.00000	.99999	51	7	41	57.3409	.00000	.99999
16	31	52	53.5076	.00000	.99999	33	15	51	57.3409	.00000	.99999
52	8	39	53.5303	.00000	.99999	15	81	3	57.3409	.00000	.99999
14	80	5	53.5303	.00000	.99999	15	31	53	57.3409	.00000	.99999
47	9	43	53.8258	.00000	.99999	47	8	44	57.3939	.00000	.99999
19	79	1	53.8258	.00000	.99999	19	80	0	57.3939	.00000	.99999
25	22	52	53.8485	.00000	.99999	25	21	53	57.6439	.00000	.99999
36	14	49	53.8636	.00000	.99999	44	9	46	57.6894	.00000	.99999
30	18	51	53.8636	.00000	.99999	36	13	50	57.7500	.00000	.99999
44	10	45	53.9848	.00000	.99999	30	17	52	57.7500	.00000	.99999
51	8	40	54.0000	.00000	.99999	50	7	42	58.0530	.00000	.99999
15	80	4	54.0000	.00000	.99999	16	81	2	58.0530	.00000	.99999
15	32	52	54.0000	.00000	.99999	26	20	53	58.2576	.00000	.99999
26	21	52	54.4167	.00000	.99999	46	8	45	58.6212	.00000	.99999
50	8	41	54.6212	.00000	.99999	34	14	51	58.7121	.00000	.99999
16	80	3	54.6212	.00000	.99999	31	16	52	58.8485	.00000	.99999

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
44	7	43	58.9167	.00000	.99999	27	18	54	63.0000	.00000	.99999
17	81	1	58.9167	.00000	.99999	53	5	41	63.0985	.00000	.99999
41	10	46	58.9394	.00000	.99999	43	8	48	63.2121	.00000	.99999
38	11	49	58.9773	.00000	.99999	37	11	51	63.4621	.00000	.99999
27	19	53	58.9773	.00000	.99999	19	25	55	63.6439	.00000	.99999
43	9	47	59.2803	.00000	.99999	18	26	55	63.6818	.00000	.99999
54	6	39	59.3182	.00000	.99999	48	6	45	63.6818	.00000	.99999
37	12	50	59.3939	.00000	.99999	52	5	42	63.6894	.00000	.99999
53	6	40	59.6667	.00000	.99999	14	83	2	63.6894	.00000	.99999
24	18	53	59.8030	.00000	.99999	20	24	55	63.7121	.00000	.99999
19	26	54	59.8485	.00000	.99999	17	27	55	63.8258	.00000	.99999
23	23	54	59.8712	.00000	.99999	26	17	54	63.8712	.00000	.99999
48	7	44	59.9318	.00000	.99999	45	7	47	63.8864	.00000	.99999
15	81	3	59.9318	.00000	.99999	21	23	55	63.8864	.00000	.99999
14	27	54	59.9318	.00000	.99999	16	28	55	64.0758	.00000	.99999
45	8	46	60.0000	.00000	.99999	32	14	53	64.1667	.00000	.99999
21	24	54	[illegible]	.00000	.99999	22	22	55	64.1667	.00000	.99999
32	15	52	60.0530	.00000	.99999	35	12	52	64.3030	.00000	.99999
17	25	54	60.1212	.00000	.99999	15	29	55	[illegible]	.00000	.99999
52	6	41	60.1667	.00000	.99999	51	5	43	64.4318	.00000	.99999
19	82	3	60.1667	.00000	.99999	15	83	1	64.4318	.00000	.99999
33	13	51	60.1894	.00000	.99999	23	21	55	64.5530	.00000	.99999
22	23	54	60.2348	.00000	.99999	29	16	54	64.8485	.00000	.99999
16	24	54	60.4167	.00000	.99999	47	6	46	64.9394	.00000	.99999
25	22	54	60.5758	.00000	.99999	40	9	50	64.9621	.00000	.99999
28	17	53	60.7348	.00000	.99999	42	8	49	65.0455	.00000	.99999
51	6	42	60.8182	.00000	.99999	24	20	55	65.0455	.00000	.99999
13	82	4	60.8182	.00000	.99999	38	10	51	65.2576	.00000	.99999
13	26	54	60.8182	.00000	.99999	50	5	44	65.3258	.00000	.99999
40	10	47	60.8939	.00000	.99999	16	83	0	65.3258	.00000	.99999
42	9	46	61.0227	.00000	.99999	44	7	48	65.5076	.00000	.99999
24	21	54	61.0227	.00000	.99999	33	13	53	65.5227	.00000	.99999
47	7	45	61.0985	.00000	.99999	25	19	55	65.6439	.00000	.99999
34	11	50	61.1439	.00000	.99999	36	11	52	65.9318	.00000	.99999
33	14	52	61.3636	.00000	.99999	30	15	54	65.9318	.00000	.99999
44	8	47	61.5303	.00000	.99999	56	4	41	66.1364	.00000	.99999
25	20	54	61.5758	.00000	.99999	46	6	47	66.3485	.00000	.99999
53	6	43	61.6212	.00000	.99999	26	18	55	66.3485	.00000	.99999
15	82	1	61.6212	.00000	.99999	49	5	45	66.3712	.00000	.99999
38	12	51	61.7727	.00000	.99999	53	4	42	66.6667	.00000	.99999
30	16	53	61.7727	.00000	.99999	34	12	53	66.9848	.00000	.99999
26	19	54	62.2348	.00000	.99999	41	8	51	67.0303	.00000	.99999
45	7	46	62.4167	.00000	.99999	31	14	54	67.1212	.00000	.99999
49	6	44	62.5758	.00000	.99999	39	9	51	67.1591	.00000	.99999
17	82	3	62.5758	.00000	.99999	27	17	55	67.1591	.00000	.99999
58	5	40	62.6591	.00000	.99999	43	7	49	67.2803	.00000	.99999
34	13	54	62.7803	.00000	.99999	52	4	43	67.3485	.00000	.99999
41	7	45	62.9167	.00000	.99999	14	84	1	67.3485	.00000	.99999
31	18	53	62.9167	.00000	.99999	18	25	56	67.5682	.00000	.99999
39	[illegible]	[illegible]	[illegible]	.00000	.99999	48	5	46	67.5682	.00000	.99999

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
19	24	56	67.5758	.00000	.99999	15	27	57	72.0682	.00000	.99999
37	10	52	67.6667	.00000	.99999	26	15	56	72.4167	.00000	.99999
17	26	56	67.6667	.00000	.99999	22	20	57	72.4394	.00000	.99999
20	23	56	67.6894	.00000	.99999	32	12	55	72.8030	.00000	.99999
16	27	56	67.8712	.00000	.99999	23	19	57	72.9167	.00000	.99999
45	6	48	67.9091	.00000	.99999	35	10	54	72.9394	.00000	.99999
21	22	56	67.9091	.00000	.99999	47	4	48	73.0303	.00000	.99999
28	16	55	68.0758	.00000	.99999	50	3	45	73.1439	.00000	.99999
51	4	44	68.1818	.00000	.99999	29	14	56	73.4848	.00000	.99999
15	28	56	68.1818	.00000	.99999	54	2	43	73.5606	.00000	.99999
15	84	0	68.1818	.00000	.99999	42	6	51	73.5606	.00000	.99999
31	21	56	68.2348	.00000	.99999	24	18	57	73.5606	.00000	.99999
32	11	56	68.4167	.00000	.99999	40	7	52	73.5076	.00000	.99999
36	11	53	68.5530	.00000	.99999	44	5	50	73.6712	.00000	.99999
23	20	56	68.6667	.00000	.99999	38	8	53	73.6939	.00000	.99999
47	5	47	68.9167	.00000	.99999	25	17	57	74.1894	.00000	.99999
29	15	55	69.0985	.00000	.99999	53	2	44	74.2121	.00000	.99999
50	4	45	69.1667	.00000	.99999	33	11	55	74.2500	.00000	.99999
41	8	51	69.1667	.00000	.99999	49	3	47	74.3712	.00000	.99999
42	7	50	69.2045	.00000	.99999	46	4	49	74.6212	.00000	.99999
[illegible]	19	56	[illegible]	.00000	.99999	36	9	54	74.6591	.00000	.99999
39	9	52	69.5076	.00000	.99999	34	13	56	74.6591	.00000	.99999
44	6	49	69.6212	.00000	.99999	26	16	57	74.9848	.00000	.99999
54	3	42	69.7500	.00000	.99999	52	2	45	75.0758	.00000	.99999
33	12	54	69.8182	.00000	.99999	41	6	52	75.6667	.00000	.99999
25	18	56	69.8485	.00000	.99999	46	3	48	75.7500	.00000	.99999
30	10	53	70.2273	.00000	.99999	16	23	58	75.7500	.00000	.99999
30	14	55	70.2273	.00000	.99999	17	24	58	75.7576	.00000	.99999
49	4	46	70.3030	.00000	.99999	34	10	55	75.8030	.00000	.99999
53	3	43	70.3712	.00000	.99999	43	5	51	75.8258	.00000	.99999
46	5	48	70.4167	.00000	.99999	19	22	58	75.8485	.00000	.99999
26	17	56	70.5985	.00000	.99999	18	25	58	75.8712	.00000	.99999
52	3	44	71.1439	.00000	.99999	39	7	53	75.8864	.00000	.99999
14	85	0	71.1439	.00000	.99999	27	15	57	75.8864	.00000	.99999
41	7	51	71.2803	.00000	.99999	31	12	56	75.9394	.00000	.99999
34	11	54	71.3258	.00000	.99999	20	21	58	76.0530	.00000	.99999
38	8	52	71.4545	.00000	.99999	51	2	46	76.0909	.00000	.99999
27	16	56	71.4545	.00000	.99999	15	26	58	76.0909	.00000	.99999
31	13	55	71.4621	.00000	.99999	45	4	50	76.3636	.00000	.99999
42	6	50	71.4848	.00000	.99999	21	20	58	76.3636	.00000	.99999
44	4	47	71.5909	.00000	.99999	37	8	54	76.4848	.00000	.99999
18	24	57	[illegible]	.00000	.99999	22	19	58	76.7803	.00000	.99999
[illegible]	[illegible]	[illegible]	71.6439	.00000	.99999	28	14	57	76.8939	.00000	.99999
17	25	57	71.6439	.00000	.99999	50	2	47	77.2576	.00000	.99999
25	22	57	71.8030	.00000	.99999	47	3	49	77.2803	.00000	.99999
16	26	57	[illegible]	.00000	.99999	23	18	58	77.3030	.00000	.99999
27	9	53	[illegible]	.00000	.99999	32	11	56	77.3258	.00000	.99999
51	3	45	72.0682	.00000	.99999	54	1	44	77.3864	.00000	.99999
42	5	49	72.0682	.00000	.99999	35	9	55	77.4621	.00000	.99999
21	21	57	72.0682	.00000	.99999	42	5	52	77.5016	.00000	.99999

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
34	17	58	77.9318	.00000	.99999	33	9	57	83.5227	.00000	.99999
42	8	53	77.9848	.00000	.99999	36	7	56	83.9318	.00000	.99999
29	13	57	78.0076	.00000	.99999	30	11	58	83.9318	.00000	.99999
55	1	45	78.1894	.00000	.99999	26	14	59	84.1667	.00000	.99999
44	4	51	78.2576	.00000	.99999	17	22	60	84.3939	.00000	.99999
39	7	54	78.4167	.00000	.99999	16	23	60	84.4167	.00000	.99999
44	2	48	78.5758	.00000	.99999	48	1	50	84.4773	.00000	.99999
25	16	58	78.6667	.00000	.99999	18	21	60	84.4773	.00000	.99999
35	12	56	78.8182	.00000	.99999	51	0	48	84.5455	.00000	.99999
41	3	52	78.9621	.00000	.99999	15	24	60	84.5455	.00000	.99999
52	1	46	79.1439	.00000	.99999	19	20	60	84.6667	.00000	.99999
36	8	55	79.2273	.00000	.99999	41	4	54	84.8485	.00000	.99999
30	12	57	79.2273	.00000	.99999	43	3	53	84.9167	.00000	.99999
26	15	58	79.5076	.00000	.99999	20	19	60	84.9621	.00000	.99999
17	23	59	80.0076	.00000	.99999	39	5	55	85.1591	.00000	.99999
48	2	49	80.0455	.00000	.99999	27	13	59	85.1591	.00000	.99999
18	22	59	80.0455	.00000	.99999	34	8	57	85.1667	.00000	.99999
15	24	59	80.0758	.00000	.99999	31	10	58	85.3030	.00000	.99999
41	5	53	80.1894	.00000	.99999	45	2	52	85.3636	.00000	.99999
19	21	59	80.1894	.00000	.99999	21	18	60	85.3636	.00000	.99999
51	2	47	80.2500	.00000	.99999	37	6	56	85.6485	.00000	.99999
13	25	59	80.2803	.00000	.99999	22	17	60	85.8712	.00000	.99999
43	4	52	80.3030	.00000	.99999	53	0	49	85.8939	.00000	.99999
34	9	56	80.4167	.00000	.99999	47	1	51	86.1894	.00000	.99999
23	20	59	80.4394	.00000	.99999	28	12	59	86.2576	.00000	.99999
38	6	54	80.4545	.00000	.99999	23	16	60	86.4848	.00000	.99999
27	14	58	80.4545	.00000	.99999	32	9	58	86.7803	.00000	.99999
31	11	57	80.5530	.00000	.99999	35	7	57	86.9167	.00000	.99999
45	3	51	80.7955	.00000	.99999	42	3	54	87.2045	.00000	.99999
21	19	59	80.7955	.00000	.99999	24	15	60	87.2045	.00000	.99999
37	7	55	81.0985	.00000	.99999	40	4	55	87.3485	.00000	.99999
22	18	59	81.2576	.00000	.99999	49	2	50	87.3939	.00000	.99999
54	2	45	81.4091	.00000	.99999	44	2	53	87.4394	.00000	.99999
50	1	48	81.5076	.00000	.99999	29	11	59	87.4621	.00000	.99999
28	13	58	81.5076	.00000	.99999	38	5	56	87.6712	.00000	.99999
47	2	52	81.6667	.00000	.99999	25	14	60	88.0303	.00000	.99999
23	17	59	81.8258	.00000	.99999	46	1	52	88.0530	.00000	.99999
32	10	57	81.9848	.00000	.99999	33	8	58	88.3636	.00000	.99999
35	8	56	82.1212	.00000	.99999	30	10	59	88.7727	.00000	.99999
53	[illegible]	46	82.3030	.00000	.99999	36	6	57	88.7727	.00000	.99999
42	4	53	82.5000	.00000	.99999	16	22	61	88.8939	.00000	.99999
29	16	59	[illegible]	.00000	.99999	17	21	61	88.9167	.00000	.99999
40	5	54	82.5909	.00000	.99999	26	13	60	88.9621	.00000	.99999
29	14	58	82.6667	.00000	.99999	15	23	61	88.9773	.00000	.99999
44	3	52	82.7803	.00000	.99999	48	0	51	89.0455	.00000	.99999
47	2	49	82.9167	.00000	.99999	18	20	61	89.0455	.00000	.99999
38	6	55	83.0758	.00000	.99999	19	19	61	89.2803	.00000	.99999
23	15	59	83.2803	.00000	.99999	20	18	61	89.6212	.00000	.99999
52	0	47	83.3485	.00000	.99999	41	3	55	89.6439	.00000	.99999
45	2	51	83.4394	.00000	.99999	43	2	54	89.6667	.00000	.99999

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
39	4	56	90.0303	.00000	.99999	38	3	58	97.6712	.00000	.99999
27	12	60	[illegible]	.00000	.99999	25	12	62	97.9394	.00000	.99999
34	7	58	90.0530	.00000	.99999	15	21	63	98.2500	.00000	.99999
45	1	53	90.0682	.00000	.99999	16	20	63	98.2576	.00000	.99999
21	17	61	90.0682	.00000	.99999	17	19	63	98.3712	.00000	.99999
31	9	59	90.1894	.00000	.99999	33	6	60	98.4545	.00000	.99999
22	16	61	90.6212	.00000	.99999	18	18	63	98.5909	.00000	.99999
37	5	57	90.7348	.00000	.99999	36	4	59	98.6636	.00000	.99999
47	0	52	90.8485	.00000	.99999	30	8	61	98.6636	.00000	.99999
28	11	60	91.1439	.00000	.99999	19	17	63	98.9167	.00000	.99999
23	15	61	91.2803	.00000	.99999	26	11	62	98.9621	.00000	.99999
32	8	59	91.7121	.00000	.99999	20	16	63	99.3485	.00000	.99999
35	6	58	91.8485	.00000	.99999	43	3	56	99.5758	.00000	.99999
42	2	55	92.0455	.00000	.99999	41	1	57	99.6439	.00000	.99999
24	14	61	92.0455	.00000	.99999	21	15	63	99.8864	.00000	.99999
40	3	56	92.2348	.00000	.99999	39	2	58	100.2909	.00000	.99999
44	1	54	92.2348	.00000	.99999	27	10	62	[illegible]	.00000	.99999
29	10	60	92.3939	.00000	.99999	34	5	60	100.2348	.00000	.99999
46	0	53	92.8030	.00000	.99999	31	7	61	100.3712	.00000	.99999
38	4	57	92.8030	.00000	.99999	22	14	63	100.5303	.00000	.99999
25	13	61	92.9167	.00000	.99999	37	3	59	100.9167	.00000	.99999
33	7	59	93.3409	.00000	.99999	23	13	63	101.2803	.00000	.99999
16	21	62	93.5076	.00000	.99999	28	9	62	101.3258	.00000	.99999
15	22	62	93.5455	.00000	.99999	32	6	61	101.9848	.00000	.99999
17	20	62	93.5758	.00000	.99999	35	4	60	102.1212	.00000	.99999
36	5	58	93.7500	.00000	.99999	40	0	57	102.1364	.00000	.99999
30	9	60	93.7500	.00000	.99999	24	12	63	102.1364	.00000	.99999
18	19	62	93.7500	.00000	.99999	43	1	58	102.4167	.00000	.99999
26	12	61	93.8939	.00000	.99999	29	8	62	102.6667	.00000	.99999
19	18	62	94.0303	.00000	.99999	38	2	59	103.0758	.00000	.99999
20	17	62	94.4167	.00000	.99999	15	20	64	103.3939	.00000	.99999
43	1	55	94.5530	.00000	.99999	25	11	63	[illegible]	.00000	.99999
41	2	56	94.5758	.00000	.99999	16	19	64	103.1439	.00000	.99999
45	0	54	94.9091	.00000	.99999	17	18	64	103.3030	.00000	.99999
21	16	62	94.9091	.00000	.99999	18	17	64	103.5682	.00000	.99999
39	3	57	94.9773	.00000	.99999	33	5	61	103.7045	.00000	.99999
27	11	61	94.9773	.00000	.99999	19	16	64	103.9394	.00000	.99999
34	6	59	95.0758	.00000	.99999	36	3	60	104.1136	.00000	.99999
31	8	60	95.2121	.00000	.99999	30	7	62	104.1136	.00000	.99999
22	15	62	95.5076	.00000	.99999	26	10	63	104.1667	.00000	.99999
37	4	58	95.7576	.00000	.99999	20	15	64	104.4167	.00000	.99999
28	10	61	96.1667	.00000	.99999	41	0	58	104.8485	.00000	.99999
23	14	62	96.2121	.00000	.99999	21	14	64	105.0000	.00000	.99999
32	7	60	96.7803	.00000	.99999	39	1	59	105.3409	.00000	.99999
35	5	59	96.9167	.00000	.99999	27	9	63	105.3409	.00000	.99999
42	1	56	97.0227	.00000	.99999	34	4	61	105.5303	.00000	.99999
24	13	62	97.0227	.00000	.99999	31	6	62	105.6667	.00000	.99999
44	0	55	97.1667	.00000	.99999	22	13	64	105.6894	.00000	.99999
40	2	57	97.2576	.00000	.99999	37	2	60	106.2121	.00000	.99999
29	9	61	97.4621	.00000	.99999	23	12	64	106.4848	.00000	.99999

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
28	8	63	106.6212	.00000	.99999	28	6	65	117.6212	.00000	.99999
32	5	62	107.3258	.00000	.99999	24	9	66	118.2955	.00000	.99999
24	11	64	107.3864	.00000	.99999	32	3	64	118.4167	.00000	.99999
35	3	61	107.4621	.00000	.99999	15	17	67	118.4318	.00000	.99999
40	0	59	107.7121	.00000	.99999	35	1	63	118.5530	.00000	.99999
29	7	63	108.0076	.00000	.99999	16	16	67	118.6212	.00000	.99999
15	19	65	108.0682	.00000	.99999	17	15	67	118.9167	.00000	.99999
16	18	65	108.1667	.00000	.99999	29	5	65	119.0985	.00000	.99999
17	17	65	108.3712	.00000	.99999	18	14	67	119.3182	.00000	.99999
23	12	64	108.3939	.00000	.99999	25	8	66	119.3939	.00000	.99999
38	1	60	108.4167	.00000	.99999	19	13	67	119.8258	.00000	.99999
18	16	65	108.6818	.00000	.99999	33	2	64	120.2727	.00000	.99999
33	4	62	109.0909	.00000	.99999	20	12	67	120.4394	.00000	.99999
19	15	65	109.4985	.00000	.99999	26	7	66	120.5985	.00000	.99999
36	2	61	109.5000	.00000	.99999	36	0	63	120.6818	.00000	.99999
30	6	63	109.5000	.00000	.99999	30	4	65	120.6818	.00000	.99999
26	9	64	109.5076	.00000	.99999	21	11	67	121.1591	.00000	.99999
20	14	65	109.6212	.00000	.99999	27	6	66	121.9091	.00000	.99999
21	13	65	110.2500	.00000	.99999	22	10	67	121.9848	.00000	.99999
27	8	64	110.7273	.00000	.99999	34	1	64	122.2348	.00000	.99999
39	0	60	110.7273	.00000	.99999	31	3	65	122.3712	.00000	.99999
34	3	62	110.9621	.00000	.99999	23	9	67	122.9167	.00000	.99999
22	12	65	110.9848	.00000	.99999	28	5	66	123.3258	.00000	.99999
31	5	63	111.0985	.00000	.99999	15	16	68	123.8182	.00000	.99999
37	1	61	111.6439	.00000	.99999	24	8	67	123.9545	.00000	.99999
23	11	65	111.8258	.00000	.99999	16	15	68	124.0530	.00000	.99999
28	7	64	112.0530	.00000	.99999	32	2	65	124.1667	.00000	.99999
24	10	65	112.7727	.00000	.99999	35	0	64	124.3030	.00000	.99999
32	4	63	112.8030	.00000	.99999	17	14	68	124.3939	.00000	.99999
35	2	62	112.9394	.00000	.99999	18	13	68	124.8409	.00000	.99999
15	18	66	113.1818	.00000	.99999	29	4	66	124.8485	.00000	.99999
16	17	66	113.3258	.00000	.99999	25	7	67	125.0985	.00000	.99999
29	6	64	113.4848	.00000	.99999	19	12	68	125.3939	.00000	.99999
17	16	66	113.5758	.00000	.99999	20	11	68	126.0530	.00000	.99999
25	9	65	113.8258	.00000	.99999	33	1	65	126.0682	.00000	.99999
38	0	61	113.8939	.00000	.99999	26	6	67	126.3485	.00000	.99999
18	15	66	113.9318	.00000	.99999	30	3	66	126.4773	.00000	.99999
19	14	66	114.3939	.00000	.99999	21	10	68	126.8182	.00000	.99999
33	3	63	114.6136	.00000	.99999	22	9	68	127.6894	.00000	.99999
20	13	66	114.9621	.00000	.99999	27	5	67	127.7045	.00000	.99999
26	8	65	114.9848	.00000	.99999	34	0	65	128.0758	.00000	.99999
36	1	62	115.0227	.00000	.99999	31	2	66	128.2121	.00000	.99999
30	5	64	115.3227	.00000	.99999	23	8	68	128.6667	.00000	.99999
21	12	66	115.6364	.00000	.99999	28	4	67	129.1667	.00000	.99999
27	7	65	116.2500	.00000	.99999	15	15	69	129.3409	.00000	.99999
22	11	66	116.4167	.00000	.99999	16	14	69	129.6212	.00000	.99999
34	2	63	116.5303	.00000	.99999	24	7	68	129.7500	.00000	.99999
31	4	64	116.6667	.00000	.99999	17	13	69	130.0076	.00000	.99999
37	0	62	117.2121	.00000	.99999	32	1	66	130.0530	.00000	.99999
23	10	66	117.3030	.00000	.99999	18	12	69	130.5000	.00000	.99999

TABLE B

U	V	W	X2	P(A)	CUM P(B)	U	V	W	X2	P(A)	CUM P(B)
29	3	67	130.7348	.00000	.99999	24	4	71	147.9545	.00000	.99999
25	6	68	130.9394	.00000	.99999	18	9	72	148.2955	.00000	.99999
19	11	69	131.0985	.00000	.99999	19	8	72	149.0303	.00000	.99999
20	10	69	131.8030	.00000	.99999	29	0	70	149.2121	.00000	.99999
33	0	66	132.0000	.00000	.99999	25	3	71	149.2803	.00000	.99999
26	5	68	132.2348	.00000	.99999	20	7	72	149.8712	.00000	.99999
30	2	67	132.4091	.00000	.99999	26	2	71	150.7121	.00000	.99999
21	9	69	132.6136	.00000	.99999	21	6	72	150.8182	.00000	.99999
22	8	69	133.5303	.00000	.99999	22	5	72	151.8712	.00000	.99999
27	4	68	133.6364	.00000	.99999	27	1	71	152.2500	.00000	.99999
31	1	67	134.1894	.00000	.99999	15	11	73	152.7955	.00000	.99999
23	7	69	134.5530	.00000	.99999	23	4	72	153.0303	.00000	.99999
15	14	70	135.0000	.00000	.99999	16	10	73	153.2576	.00000	.99999
28	3	68	135.1439	.00000	.99999	17	9	73	153.8258	.00000	.99999
16	13	70	135.3258	.00000	.99999	28	0	71	153.8939	.00000	.99999
24	6	69	135.6818	.00000	.99999	24	3	72	154.2955	.00000	.99999
17	12	70	135.7576	.00000	.99999	18	8	73	154.5000	.00000	.99999
32	0	67	136.0758	.00000	.99999	19	7	73	155.2803	.00000	.99999
18	11	70	136.2955	.00000	.99999	25	2	72	155.6667	.00000	.99999
29	2	68	136.7576	.00000	.99999	20	6	73	156.1667	.00000	.99999
25	5	69	136.9167	.00000	.99999	26	1	72	157.1439	.00000	.99999
19	10	70	136.9394	.00000	.99999	21	5	73	157.1591	.00000	.99999
20	9	70	137.6894	.00000	.99999	22	4	73	158.2576	.00000	.99999
26	4	69	138.2576	.00000	.99999	27	0	72	158.7273	.00000	.99999
30	1	68	138.4773	.00000	.99999	15	10	74	159.0000	.00000	.99999
21	8	70	138.5455	.00000	.99999	23	3	73	159.4621	.00000	.99999
22	7	70	139.5076	.00000	.99999	16	9	74	159.5076	.00000	.99999
27	3	69	139.7045	.00000	.99999	17	8	74	160.1212	.00000	.99999
31	0	68	140.3030	.00000	.99999	24	2	73	160.7727	.00000	.99999
23	6	70	140.5758	.00000	.99999	18	7	74	160.8409	.00000	.99999
15	13	71	140.7955	.00000	.99999	19	6	74	161.6667	.00000	.99999
16	12	71	141.1667	.00000	.99999	25	1	73	162.1894	.00000	.99999
28	2	69	141.2576	.00000	.99999	20	5	74	162.5985	.00000	.99999
17	11	71	141.6439	.00000	.99999	21	4	74	163.6364	.00000	.99999
24	5	70	141.7500	.00000	.99999	26	0	73	163.7121	.00000	.99999
18	10	71	142.2273	.00000	.99999	22	3	74	164.7803	.00000	.99999
29	1	69	142.9167	.00000	.99999	15	9	75	165.3409	.00000	.99999
19	9	71	142.9167	.00000	.99999	16	8	75	165.8939	.00000	.99999
25	4	70	143.0303	.00000	.99999	23	2	74	166.0303	.00000	.99999
20	8	71	143.7121	.00000	.99999	17	7	75	166.5530	.00000	.99999
26	3	70	144.4167	.00000	.99999	18	6	75	167.3182	.00000	.99999
21	7	71	144.6136	.00000	.99999	24	1	74	167.3864	.00000	.99999
30	0	69	144.6818	.00000	.99999	19	5	75	168.1894	.00000	.99999
22	6	71	145.6212	.00000	.99999	25	0	74	168.8485	.00000	.99999
27	2	70	145.9091	.00000	.99999	20	4	75	169.1667	.00000	.99999
15	12	72	146.7273	.00000	.99999	21	3	75	170.2500	.00000	.99999
23	5	71	146.7348	.00000	.99999	22	2	75	171.4394	.00000	.99999
16	11	72	147.1439	.00000	.99999	15	8	76	171.8182	.00000	.99999
28	1	70	147.5076	.00000	.99999	16	7	76	172.4167	.00000	.99999
17	10	72	147.6667	.00000	.99999	23	1	75	172.7348	.00000	.99999

TABLE B

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(B)
17	6	76	173.1212	.00000	.99999
18	5	76	173.9318	.00000	.99999
24	0	75	174.1364	.00000	.99999
19	4	76	174.8485	.00000	.99999
20	3	76	175.6712	.00000	.99999
21	2	76	177.0000	.00000	.99999
22	1	76	178.2348	.00000	.99999
15	7	77	178.4318	.00000	.99999
16	6	77	179.0758	.00000	.99999
23	0	76	179.5758	.00000	.99999
17	5	77	179.8258	.00000	.99999
18	4	77	180.6818	.00000	.99999
19	3	77	181.6439	.00000	.99999
20	2	77	182.7121	.00000	.99999
21	1	77	183.8864	.00000	.99999
22	0	77	185.1667	.00000	.99999
15	6	78	185.1818	.00000	.99999
16	5	78	185.8712	.00000	.99999
17	4	78	186.6667	.00000	.99999
18	3	78	187.5682	.00000	.99999
19	2	78	188.5758	.00000	.99999
20	1	78	189.6894	.00000	.99999
21	0	78	190.9091	.00000	.99999
15	5	79	192.0682	.00000	.99999
16	4	79	192.8030	.00000	.99999
17	3	79	193.6439	.00000	.99999
18	2	79	194.5909	.00000	.99999
19	1	79	195.6439	.00000	.99999
20	0	79	196.8030	.00000	.99999
15	4	80	199.0909	.00000	.99999
16	3	80	199.8712	.00000	.99999
17	2	80	200.7576	.00000	.99999
18	1	80	201.7500	.00000	.99999
19	0	80	202.8485	.00000	.99999
15	3	81	206.2500	.00000	.99999
16	2	81	207.0758	.00000	.99999
17	1	81	208.0076	.00000	.99999
18	0	81	209.0455	.00000	.99999
15	2	82	213.5455	.00000	.99999
16	1	82	214.4167	.00000	.99999
17	0	82	215.3939	.00000	.99999
15	1	83	220.9773	.00000	.99999
16	0	83	221.8939	.00000	.99999
15	0	84	228.5455	.00000	.99999

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TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)
14	52	33	17.6939	.00000	.99967
14	53	32	17.3258	.00000	.99969
14	54	31	16.8939	.00000	.99970
14	55	30	16.5985	.00000	.99974
14	56	29	16.4394	.00000	.99973
14	57	28	16.4167	.00000	.99971
14	58	27	16.5303	.00000	.99974
14	59	26	16.7803	.00000	.99976
14	60	25	17.1667	.00000	.99982
14	61	24	17.6894	.00000	.99986
14	62	23	18.3485	.00000	.99989
14	63	22	19.1439	.00000	.99993
14	64	21	20.0758	.00000	.99995
14	65	20	21.1439	.00000	.99997
14	66	19	22.3485	.00000	.99998
14	67	18	23.6894	.00000	.99998
14	68	17	25.1667	.00000	.99999
14	69	16	26.7803	.00000	.99999
14	70	15	28.5303	.00000	.99999
14	71	14	30.4167	.00000	.99999
14	72	13	32.4394	.00000	.99999
14	73	12	34.5985	.00000	.99999
14	74	11	36.8939	.00000	.99999
14	75	10	39.3258	.00000	.99999
14	76	9	41.8939	.00000	.99999
14	77	8	44.5985	.00000	.99999
14	78	7	47.4394	.00000	.99999
14	79	6	50.4167	.00000	.99999
14	80	5	53.5303	.00000	.99999
14	81	4	56.7803	.00000	.99999
14	82	3	60.1667	.00000	.99999
14	83	2	63.6894	.00000	.99999
14	84	1	67.3485	.00000	.99999
14	85	0	71.1439	.00000	.99999
15	0	84	228.5455	.00000	.99999
15	1	83	220.9773	.00000	.99999
15	2	82	213.5455	.00000	.99999
15	3	81	206.2500	.00000	.99999
15	4	80	199.0909	.00000	.99999
15	5	79	192.0682	.00000	.99999
15	6	78	185.1818	.00000	.99999
15	7	77	178.4318	.00000	.99999
15	8	76	171.8182	.00000	.99999
15	9	75	165.3409	.00000	.99999
15	10	74	159.0000	.00000	.99999
15	11	73	152.7955	.00000	.99999
15	12	72	146.7273	.00000	.99999
15	13	71	140.7955	.00000	.99999
15	14	70	135.0000	.00000	.99999
15	15	69	129.3409	.00000	.99999
15	16	68	123.8182	.00000	.99999
15	17	67	118.4318	.00000	.99999
15	18	66	113.1818	.00000	.99999
15	19	65	108.0682	.00000	.99999
15	20	64	103.0909	.00000	.99999
15	21	63	98.2500	.00000	.99999
15	22	62	93.5455	.00000	.99999
15	23	61	88.9773	.00000	.99999
15	24	60	84.5455	.00000	.99999
15	25	59	80.2500	.00000	.99999
15	26	58	76.0909	.00000	.99999
15	27	57	72.0682	.00000	.99999
15	28	56	68.1818	.00000	.99999
15	29	55	64.4318	.00000	.99999
15	30	54	60.8182	.00000	.99999
15	31	53	57.3409	.00000	.99999
15	32	52	54.0000	.00000	.99999
15	33	51	50.7955	.00000	.99999
15	34	50	47.7273	.00000	.99999
15	35	49	44.7955	.00000	.99999
15	36	48	42.0000	.00000	.99999
15	37	47	39.3409	.00000	.99999
15	38	46	36.8182	.00000	.99999
15	39	45	34.4318	.00000	.99999
15	40	44	32.1818	.00000	.99999
15	41	43	30.0682	.00000	.99999
15	42	42	28.0909	.00000	.99999
15	43	41	26.2500	.00000	.99999
15	44	40	24.5455	.00000	.99999
15	45	39	22.9773	.00000	.99998
15	46	38	21.5455	.00000	.99997
15	47	37	20.2500	.00000	.99995
15	48	36	19.0909	.00000	.99992
15	49	35	18.0682	.00000	.99988
15	50	34	17.1818	.00000	.99983
15	51	33	16.4318	.00000	.99972
15	52	32	15.8182	.00000	.99966
15	53	31	15.3409	.00000	.99957
15	54	30	15.0000	.00000	.99947
15	55	29	14.7955	.00000	.99935
15	56	28	14.7273	.00000	.99932
15	57	27	14.7955	.00000	.99939
15	58	26	15.0000	.00000	.99946
15	59	25	15.3409	.00000	.99957
15	60	24	15.8182	.00000	.99965
15	61	23	16.4318	.00000	.99972
15	62	22	17.1818	.00000	.99983
15	63	21	18.0682	.00000	.99988
15	64	20	19.0909	.00000	.99992
15	65	19	20.2500	.00000	.99995

(1)

TABLE C

U	V	W	X2	P(A)	CUM P(C)
15	66	18	21.5455	.00000	.99997
15	67	17	22.9773	.00000	.99998
15	68	16	24.5455	.00000	.99999
15	69	15	26.2500	.00000	.99999
15	70	14	28.0909	.00000	.99999
15	71	13	30.0682	.00000	.99999
15	72	12	32.1818	.00000	.99999
15	73	11	34.4318	.00000	.99999
15	74	10	36.8182	.00000	.99999
15	75	9	39.3409	.00000	.99999
15	76	8	42.0000	.00000	.99999
15	77	7	44.7955	.00000	.99999
15	78	6	47.7273	.00000	.99999
15	79	5	50.7955	.00000	.99999
15	80	4	54.0000	.00000	.99999
15	81	3	57.3409	.00000	.99999
15	82	2	60.8182	.00000	.99999
15	83	1	64.4318	.00000	.99999
15	84	0	68.1818	.00000	.99999
16	0	83	221.8939	.00000	.99999
16	1	82	214.4167	.00000	.99999
16	2	81	207.0758	.00000	.99999
16	3	80	199.8712	.00000	.99999
16	4	79	192.8030	.00000	.99999
16	5	78	185.8712	.00000	.99999
16	6	77	179.0758	.00000	.99999
16	7	76	172.4167	.00000	.99999
16	8	75	165.8939	.00000	.99999
16	9	74	159.5076	.00000	.99999
16	10	73	153.2576	.00000	.99999
16	11	72	147.1439	.00000	.99999
16	12	71	141.1667	.00000	.99999
16	13	70	135.3258	.00000	.99999
16	14	69	129.6212	.00000	.99999
16	15	68	124.0530	.00000	.99999
16	16	67	118.6212	.00000	.99999
16	17	66	113.3258	.00000	.99999
16	18	65	108.1667	.00000	.99999
16	19	64	103.1439	.00000	.99999
16	20	63	98.2576	.00000	.99999
16	21	62	93.5076	.00000	.99999
16	22	61	88.8939	.00000	.99999
16	23	60	84.4167	.00000	.99999
16	24	59	80.0758	.00000	.99999
16	25	58	75.8712	.00000	.99999
16	26	57	71.8030	.00000	.99999
16	27	56	67.8712	.00000	.99999
16	28	55	64.0758	.00000	.99999
16	29	54	60.4167	.00000	.99999
16	30	53	56.8939	.00000	.99999
16	31	52	53.5076	.00000	.99999
16	32	51	50.2576	.00000	.99999
16	33	50	47.1439	.00000	.99999
16	34	49	44.1667	.00000	.99999
16	35	48	41.3258	.00000	.99999
16	36	47	38.6212	.00000	.99999
16	37	46	36.0530	.00000	.99999
16	38	45	33.6212	.00000	.99999
16	39	44	31.3258	.00000	.99999
16	40	43	29.1667	.00000	.99999
16	41	42	27.1439	.00000	.99999
16	42	41	25.2576	.00000	.99999
16	43	40	23.5076	.00000	.99998
16	44	39	21.8939	.00000	.99998
16	45	38	20.4167	.00000	.99996
16	46	37	19.0758	.00000	.99992
16	47	36	17.8712	.00000	.99986
16	48	35	16.8030	.00000	.99977
16	49	34	15.8712	.00000	.99966
16	50	33	15.0758	.00000	.99950
16	51	32	14.4167	.00000	.99926
16	52	31	13.8939	.00000	.99914
16	53	30	13.5076	.00000	.99891
16	54	29	13.2576	.00001	.99869
16	55	28	13.1439	.00001	.99851
16	56	27	13.1667	.00001	.99862
16	57	26	13.3258	.00001	.99876
16	58	25	13.6212	.00000	.99896
16	59	24	14.0530	.00000	.99917
16	60	23	14.6212	.00000	.99929
16	61	22	15.3258	.00000	.99955
16	62	21	16.1667	.00000	.99968
16	63	20	17.1439	.00000	.99982
16	64	19	18.2576	.00000	.99989
16	65	18	19.5076	.00000	.99994
16	66	17	20.8939	.00000	.99996
16	67	16	22.4167	.00000	.99998
16	68	15	24.0758	.00000	.99999
16	69	14	25.8712	.00000	.99999
16	70	13	27.8030	.00000	.99999
16	71	12	29.8712	.00000	.99999
16	72	11	32.0758	.00000	.99999
16	73	10	34.4167	.00000	.99999
16	74	9	36.8939	.00000	.99999
16	75	8	39.5076	.00000	.99999
16	76	7	42.2576	.00000	.99999
16	77	6	45.1439	.00000	.99999
16	78	5	48.1667	.00000	.99999
16	79	4	51.3258	.00000	.99999
16	80	3	54.6212	.00000	.99999

(2)

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)
16	81	2	58.0530	.00000	.99999
16	82	1	61.6212	.00000	.99999
16	83	0	65.3258	.00000	.99999
17	0	82	215.3939	.00000	.99999
17	1	81	208.0076	.00000	.99999
17	2	80	200.7576	.00000	.99999
17	3	79	193.6439	.00000	.99999
17	4	78	186.6667	.00000	.99999
17	5	77	179.8258	.00000	.99999
17	6	76	173.1212	.00000	.99999
17	7	75	166.5530	.00000	.99999
17	8	74	160.1212	.00000	.99999
17	9	73	153.8258	.00000	.99999
17	10	72	147.6667	.00000	.99999
17	11	71	141.6439	.00000	.99999
17	12	70	135.7576	.00000	.99999
17	13	69	130.0076	.00000	.99999
17	14	68	124.3939	.00000	.99999
17	15	67	118.9167	.00000	.99999
17	16	66	113.5758	.00000	.99999
17	17	65	108.3712	.00000	.99999
17	18	64	103.3030	.00000	.99999
17	19	63	98.3712	.00000	.99999
17	20	62	93.5758	.00000	.99999
17	21	61	88.9167	.00000	.99999
17	22	60	84.3939	.00000	.99999
17	23	59	80.0076	.00000	.99999
17	24	58	75.7576	.00000	.99999
17	25	57	71.6439	.00000	.99999
17	26	56	67.6667	.00000	.99999
17	27	55	63.8258	.00000	.99999
17	28	54	60.1212	.00000	.99999
17	29	53	56.5530	.00000	.99999
17	30	52	53.1212	.00000	.99999
17	31	51	49.8258	.00000	.99999
17	32	50	46.6667	.00000	.99999
17	33	49	43.6439	.00000	.99999
17	34	48	40.7576	.00000	.99999
17	35	47	38.0076	.00000	.99999
17	36	46	35.3939	.00000	.99999
17	37	45	32.9167	.00000	.99999
17	38	44	30.5758	.00000	.99999
17	39	43	28.3712	.00000	.99999
17	40	42	26.3030	.00000	.99999
17	41	41	24.3712	.00000	.99999
17	42	40	22.5758	.00000	.99998
17	43	39	20.9167	.00000	.99996
17	44	38	19.3939	.00000	.99993
17	45	37	18.0076	.00000	.99987
17	46	36	16.7576	.00000	.99976
17	47	35	15.6439	.00000	.99961
17	48	34	14.6667	.00000	.99930
17	49	33	13.8258	.00001	.99909
17	50	32	13.1212	.00001	.99849
17	51	31	12.5530	.00001	.99816
17	52	30	12.1212	.00001	.99791
17	53	29	11.8258	.00001	.99736
17	54	28	11.6667	.00001	.99717
17	55	27	11.6439	.00001	.99700
17	56	26	11.7576	.00001	.99726
17	57	25	12.0076	.00001	.99775
17	58	24	12.3939	.00001	.99816
17	59	23	12.9167	.00001	.99846
17	60	22	13.5758	.00001	.99897
17	61	21	14.3712	.00000	.99925
17	62	20	15.3030	.00000	.99954
17	63	19	16.3712	.00000	.99971
17	64	18	17.5758	.00000	.99985
17	65	17	18.9167	.00000	.99991
17	66	16	20.3939	.00000	.99996
17	67	15	22.0076	.00000	.99998
17	68	14	23.7576	.00000	.99998
17	69	13	25.6439	.00000	.99999
17	70	12	27.6667	.00000	.99999
17	71	11	29.8258	.00000	.99999
17	72	10	32.1212	.00000	.99999
17	73	9	34.5530	.00000	.99999
17	74	8	37.1212	.00000	.99999
17	75	7	39.8258	.00000	.99999
17	76	6	42.6667	.00000	.99999
17	77	5	45.6439	.00000	.99999
17	78	4	48.7576	.00000	.99999
17	79	3	52.0076	.00000	.99999
17	80	2	55.3939	.00000	.99999
17	81	1	58.9167	.00000	.99999
17	82	0	62.5758	.00000	.99999
18	0	81	209.0455	.00000	.99999
18	1	80	201.7500	.00000	.99999
18	2	79	194.5909	.00000	.99999
18	3	78	187.5682	.00000	.99999
18	4	77	180.6818	.00000	.99999
18	5	76	173.9318	.00000	.99999
18	6	75	167.3182	.00000	.99999
18	7	74	160.8409	.00000	.99999
18	8	73	154.5000	.00000	.99999
18	9	72	148.2955	.00000	.99999
18	10	71	142.2273	.00000	.99999
18	11	70	136.2955	.00000	.99999
18	12	69	130.5000	.00000	.99999
18	13	68	124.8409	.00000	.99999

(3)

TABLE C

U	V	W	X2	P(A)	CUM P(C)
18	14	67	119.3182	.00000	.99999
18	15	66	113.9318	.00000	.99999
18	16	65	108.6818	.00000	.99999
18	17	64	103.5682	.00000	.99999
18	18	63	98.5909	.00000	.99999
18	19	62	93.7500	.00000	.99999
18	20	61	89.0455	.00000	.99999
18	21	60	84.4773	.00000	.99999
18	22	59	80.0455	.00000	.99999
18	23	58	75.7500	.00000	.99999
18	24	57	71.5909	.00000	.99999
18	25	56	67.5682	.00000	.99999
18	26	55	63.6818	.00000	.99999
18	27	54	59.9318	.00000	.99999
18	28	53	56.3182	.00000	.99999
18	29	52	52.8409	.00000	.99999
18	30	51	49.5000	.00000	.99999
18	31	50	46.2955	.00000	.99999
18	32	49	43.2273	.00000	.99999
18	33	48	40.2955	.00000	.99999
18	34	47	37.5000	.00000	.99999
18	35	46	34.8409	.00000	.99999
18	36	45	32.3182	.00000	.99999
18	37	44	29.9318	.00000	.99999
18	38	43	27.6818	.00000	.99999
18	39	42	25.5682	.00000	.99999
18	40	41	23.5909	.00000	.99998
18	41	40	21.7500	.00000	.99998
18	42	39	20.0455	.00000	.99995
18	43	38	18.4773	.00000	.99990
18	44	37	17.0455	.00000	.99981
18	45	36	15.7500	.00000	.99963
18	46	35	14.5909	.00001	.99928
18	47	34	13.5682	.00001	.99895
18	48	33	12.6818	.00001	.99828
18	49	32	11.9318	.00002	.99767
18	50	31	11.3182	.00002	.99650
18	51	30	10.8409	.00003	.99576
18	52	29	10.5000	.00003	.99509
18	53	28	10.2955	.00003	.99444
18	54	27	10.2273	.00003	.99403
18	55	26	10.2955	.00003	.99441
18	56	25	10.5000	.00003	.99506
18	57	24	10.8409	.00003	.99569
18	58	23	11.3182	.00002	.99644
18	59	22	11.9318	.00002	.99765
18	60	21	12.6818	.00001	.99827
18	61	20	13.5682	.00001	.99893
18	62	19	14.5909	.00001	.99927
18	63	18	15.7500	.00000	.99963
18	64	17	17.0455	.00000	.99981
18	65	16	18.4773	.00000	.99990
18	66	15	20.0455	.00000	.99995
18	67	14	21.7500	.00000	.99997
18	68	13	23.5909	.00000	.99998
18	69	12	25.5682	.00000	.99999
18	70	11	27.6818	.00000	.99999
18	71	10	29.9318	.00000	.99999
18	72	9	32.3182	.00000	.99999
18	73	8	34.8409	.00000	.99999
18	74	7	37.5000	.00000	.99999
18	75	6	40.2955	.00000	.99999
18	76	5	43.2273	.00000	.99999
18	77	4	46.2955	.00000	.99999
18	78	3	49.5000	.00000	.99999
18	79	2	52.8409	.00000	.99999
18	80	1	56.3182	.00000	.99999
18	81	0	59.9318	.00000	.99999
19	0	80	202.8485	.00000	.99999
19	1	79	195.6439	.00000	.99999
19	2	78	188.5758	.00000	.99999
19	3	77	181.6439	.00000	.99999
19	4	76	174.8485	.00000	.99999
19	5	75	168.1894	.00000	.99999
19	6	74	161.6667	.00000	.99999
19	7	73	155.2803	.00000	.99999
19	8	72	149.0303	.00000	.99999
19	9	71	142.9167	.00000	.99999
19	10	70	136.9394	.00000	.99999
19	11	69	131.0985	.00000	.99999
19	12	68	125.3939	.00000	.99999
19	13	67	119.8258	.00000	.99999
19	14	66	114.3939	.00000	.99999
19	15	65	109.0985	.00000	.99999
19	16	64	103.9394	.00000	.99999
19	17	63	98.9167	.00000	.99999
19	18	62	94.0303	.00000	.99999
19	19	61	89.2803	.00000	.99999
19	20	60	84.6667	.00000	.99999
19	21	59	80.1894	.00000	.99999
19	22	58	75.8485	.00000	.99999
19	23	57	71.6439	.00000	.99999
19	24	56	67.5758	.00000	.99999
19	25	55	63.6439	.00000	.99999
19	26	54	59.8485	.00000	.99999
19	27	53	56.1894	.00000	.99999
19	28	52	52.6667	.00000	.99999
19	29	51	49.2803	.00000	.99999
19	30	50	46.0303	.00000	.99999
19	31	49	42.9167	.00000	.99999

(4)

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
19	32	48	39.9394	.00000	.99999	20	1	78	189.6894	.00000	.99999
19	33	47	37.6985	.00000	.99999	20	2	77	182.7121	.00000	.99999
19	34	46	34.3939	.00000	.99999	20	3	76	175.8712	.00000	.99999
19	35	45	31.8258	.00000	.99999	20	4	75	169.1667	.00000	.99999
19	36	44	29.3939	.00000	.99999	20	5	74	162.5985	.00000	.99999
19	37	43	27.0985	.00000	.99999	20	6	73	156.1667	.00000	.99999
19	38	42	24.9394	.00000	.99999	20	7	72	149.8712	.00000	.99999
19	39	41	22.9167	.00000	.99998	20	8	71	143.7121	.00000	.99999
19	40	40	21.0303	.00000	.99996	20	9	70	137.6894	.00000	.99999
19	41	39	19.2803	.00000	.99993	20	10	69	131.8030	.00000	.99999
19	42	38	17.6667	.00000	.99985	20	11	68	126.0530	.00000	.99999
19	43	37	16.1894	.00000	.99968	20	12	67	120.4394	.00000	.99999
19	44	36	14.8485	.00001	.99941	20	13	66	114.9621	.00000	.99999
19	45	35	13.6439	.00001	.99902	20	14	65	109.6212	.00000	.99999
19	46	34	12.5758	.00002	.99819	20	15	64	104.4167	.00000	.99999
19	47	33	11.6439	.00002	.99699	20	16	63	99.3485	.00000	.99999
19	48	32	10.8485	.00003	.99584	20	17	62	94.4167	.00000	.99999
19	49	31	10.1894	.00004	.99382	20	18	61	89.6212	.00000	.99999
19	50	30	9.6667	.00005	.99237	20	19	60	84.9621	.00000	.99999
19	51	29	9.2803	.00006	.99087	20	20	59	80.4394	.00000	.99999
19	52	28	9.0303	.00007	.98964	20	21	58	76.0530	.00000	.99999
19	53	27	8.9167	.00007	.98847	20	22	57	71.8030	.00000	.99999
19	54	26	8.9394	.00007	.98867	20	23	56	67.6894	.00000	.99999
19	55	25	9.0985	.00007	.98983	20	24	55	63.7121	.00000	.99999
19	56	24	9.3939	.00006	.99136	20	25	54	59.8712	.00000	.99999
19	57	23	9.8258	.00005	.99262	20	26	53	56.1667	.00000	.99999
19	58	22	10.3939	.00004	.99453	20	27	52	52.5985	.00000	.99999
19	59	21	11.0985	.00003	.99632	20	28	51	49.1667	.00000	.99999
19	60	20	11.9394	.00002	.99771	20	29	50	45.8712	.00000	.99999
19	61	19	12.9167	.00001	.99845	20	30	49	42.7121	.00000	.99999
19	62	18	14.0303	.00001	.99915	20	31	48	39.6894	.00000	.99999
19	63	17	15.2803	.00000	.99954	20	32	47	36.8030	.00000	.99999
19	64	16	16.6667	.00000	.99975	20	33	46	34.0530	.00000	.99999
19	65	15	18.1894	.00000	.99988	20	34	45	31.4394	.00000	.99999
19	66	14	19.8485	.00000	.99994	20	35	44	28.9621	.00000	.99999
19	67	13	21.6439	.00000	.99997	20	36	43	26.6212	.00000	.99999
19	68	12	23.5758	.00000	.99998	20	37	42	24.4167	.00000	.99999
19	69	11	25.6439	.00000	.99999	20	38	41	22.3485	.00000	.99998
19	70	10	27.8485	.00000	.99999	20	39	40	20.4167	.00000	.99996
19	71	9	30.1894	.00000	.99999	20	40	39	18.6212	.00000	.99991
19	72	8	32.6667	.00000	.99999	20	41	38	16.9621	.00000	.99979
19	73	7	35.2803	.00000	.99999	20	42	37	15.4394	.00001	.99959
19	74	6	38.0303	.00000	.99999	20	43	36	14.0530	.00001	.99919
19	75	5	40.9167	.00000	.99999	20	44	35	12.8030	.00002	.99836
19	76	4	43.9394	.00000	.99999	20	45	34	11.6894	.00003	.99721
19	77	3	47.0985	.00000	.99999	20	46	33	10.7121	.00004	.99561
19	78	2	50.3939	.00000	.99999	20	47	32	9.8712	.00006	.99274
19	79	1	53.8258	.00000	.99999	20	48	31	9.1667	.00008	.99000
19	80	0	57.3939	.00000	.99999	20	49	30	8.5985	.00010	.98719
20	0	79	195.8030	.00000	.99999	20	50	29	8.1667	.00011	.98353

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
20	51	28	7.8712	.00013	.98103	21	21	57	72.0682	.00000	.99999
20	52	27	7.7121	.00014	.97997	21	22	56	67.9091	.00000	.99999
20	53	26	7.6894	.00014	.97959	21	23	55	63.8864	.00000	.99999
20	54	25	7.8030	.00014	.98068	21	24	54	60.0000	.00000	.99999
20	55	24	8.0530	.00013	.98293	21	25	53	56.2500	.00000	.99999
20	56	23	8.4394	.00011	.98545	21	26	52	52.6364	.00000	.99999
20	57	22	8.9621	.00009	.98907	21	27	51	49.1591	.00000	.99999
20	58	21	9.6212	.00007	.99209	21	28	50	45.8182	.00000	.99999
20	59	20	10.4167	.00005	.99463	21	29	49	42.6136	.00000	.99999
20	60	19	11.3485	.00003	.99656	21	30	48	39.5455	.00000	.99999
20	61	18	12.4167	.00002	.99813	21	31	47	36.6136	.00000	.99999
20	62	17	13.6212	.00001	.99903	21	32	46	33.8182	.00000	.99999
20	63	16	14.9621	.00001	.99942	21	33	45	31.1591	.00000	.99999
20	64	15	16.4394	.00000	.99973	21	34	44	28.6364	.00000	.99999
20	65	14	18.0530	.00000	.99987	21	35	43	26.2500	.00000	.99999
20	66	13	19.8030	.00000	.99994	21	36	42	24.0000	.00000	.99999
20	67	12	21.6894	.00000	.99997	21	37	41	21.8864	.00000	.99998
20	68	11	23.7121	.00000	.99998	21	38	40	19.9091	.00000	.99995
20	69	10	25.8712	.00000	.99999	21	39	39	18.0682	.00000	.99988
20	70	9	28.1667	.00000	.99999	21	40	38	16.3636	.00001	.99970
20	71	8	30.5985	.00000	.99999	21	41	37	14.7955	.00001	.99939
20	72	7	33.1667	.00000	.99999	21	42	36	13.3636	.00002	.99876
20	73	6	35.8712	.00000	.99999	21	43	35	12.0682	.00003	.99763
20	74	5	38.7121	.00000	.99999	21	44	34	10.9091	.00004	.99598
20	75	4	41.6894	.00000	.99999	21	45	33	9.8864	.00007	.99323
20	76	3	44.8030	.00000	.99999	21	46	32	9.0000	.00010	.98944
20	77	2	48.0530	.00000	.99999	21	47	31	8.2500	.00013	.98493
20	78	1	51.4394	.00000	.99999	21	48	30	7.6364	.00017	.97846
20	79	0	54.9621	.00000	.99999	21	49	29	7.1591	.00020	.97376
21	0	78	190.9091	.00000	.99999	21	50	28	6.8182	.00024	.96836
21	1	77	183.8864	.00000	.99999	21	51	27	6.6136	.00026	.96449
21	2	76	177.0000	.00000	.99999	21	52	26	6.5455	.00027	.96188
21	3	75	170.2500	.00000	.99999	21	53	25	6.6136	.00027	.96423
21	4	74	163.6364	.00000	.99999	21	54	24	6.8182	.00025	.96690
21	5	73	157.1591	.00000	.99999	21	55	23	7.1591	.00021	.97276
21	6	72	150.8182	.00000	.99999	21	56	22	7.6364	.00018	.97829
21	7	71	144.6136	.00000	.99999	21	57	21	8.2500	.00014	.98438
21	8	70	138.5455	.00000	.99999	21	58	20	9.0000	.00010	.98926
21	9	69	132.6136	.00000	.99999	21	59	19	9.8864	.00007	.99316
21	10	68	126.8182	.00000	.99999	21	60	18	10.9091	.00004	.99591
21	11	67	121.1591	.00000	.99999	21	61	17	12.0682	.00002	.99780
21	12	66	115.6364	.00000	.99999	21	62	16	13.3636	.00001	.99883
21	13	65	110.2500	.00000	.99999	21	63	15	14.7955	.00001	.99938
21	14	64	105.0000	.00000	.99999	21	64	14	16.3636	.00000	.99970
21	15	63	99.8864	.00000	.99999	21	65	13	18.0682	.00000	.99987
21	16	62	94.9091	.00000	.99999	21	66	12	19.9091	.00000	.99994
21	17	61	90.0682	.00000	.99999	21	67	11	21.8864	.00000	.99998
21	18	60	85.3636	.00000	.99999	21	68	10	24.0000	.00000	.99999
21	19	59	80.7955	.00000	.99999	21	69	9	26.2500	.00000	.99999
21	20	58	76.3636	.00000	.99999	21	70	8	28.6364	.00000	.99999

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
21	71	7	31.1591	.00000	.99999	22	42	35	11.4394	.00004	.99661
21	72	6	33.8182	.00000	.99999	22	43	34	10.2348	.00007	.99423
21	73	5	36.6136	.00000	.99999	22	44	33	9.1667	.00011	.99017
21	74	4	39.5455	.00000	.99999	22	45	32	8.2348	.00015	.98410
21	75	3	42.6136	.00000	.99999	22	46	31	7.4394	.00021	.97647
21	76	2	45.8182	.00000	.99999	22	47	30	6.7803	.00027	.96632
21	77	1	49.1591	.00000	.99999	22	48	29	6.2576	.00034	.95510
21	78	0	52.6364	.00000	.99999	22	49	28	5.8712	.00040	.94622
22	0	77	183.1667	.00000	.99999	22	50	27	5.6212	.00045	.94035
22	1	76	178.2348	.00000	.99999	22	51	26	5.5076	.00048	.93704
22	2	75	171.4394	.00000	.99999	22	52	25	5.5303	.00048	.93927
22	3	74	164.7803	.00000	.99999	22	53	24	5.6894	.00045	.94263
22	4	73	158.2576	.00000	.99999	22	54	23	5.9848	.00040	.95166
22	5	72	151.8712	.00000	.99999	22	55	22	6.4167	.00034	.96051
22	6	71	145.6212	.00000	.99999	22	56	21	6.9848	.00026	.96971
22	7	70	139.5076	.00000	.99999	22	57	20	7.6894	.00020	.97945
22	8	69	133.5303	.00000	.99999	22	58	19	8.5303	.00013	.98647
22	9	68	127.6894	.00000	.99999	22	59	18	9.5076	.00009	.99196
22	10	67	121.9848	.00000	.99999	22	60	17	10.6212	.00005	.99545
22	11	66	116.4167	.00000	.99999	22	61	16	11.8712	.00003	.99740
22	12	65	110.9848	.00000	.99999	22	62	15	13.2576	.00001	.99869
22	13	64	105.6894	.00000	.99999	22	63	14	14.7803	.00001	.99934
22	14	63	100.5303	.00000	.99999	22	64	13	16.4394	.00000	.99973
22	15	62	95.5076	.00000	.99999	22	65	12	18.2348	.00000	.99989
22	16	61	90.6212	.00000	.99999	22	66	11	20.1667	.00000	.99995
22	17	60	85.8712	.00000	.99999	22	67	10	22.2348	.00000	.99998
22	18	59	81.2576	.00000	.99999	22	68	9	24.4394	.00000	.99999
22	19	58	76.7803	.00000	.99999	22	69	8	26.7803	.00000	.99999
22	20	57	72.4394	.00000	.99999	22	70	7	29.2576	.00000	.99999
22	21	56	68.2348	.00000	.99999	22	71	6	31.8712	.00000	.99999
22	22	55	64.1667	.00000	.99999	22	72	5	34.6212	.00000	.99999
22	23	54	60.2348	.00000	.99999	22	73	4	37.5076	.00000	.99999
22	24	53	56.4394	.00000	.99999	22	74	3	40.5303	.00000	.99999
22	25	52	52.7803	.00000	.99999	22	75	2	43.6894	.00000	.99999
22	26	51	49.2576	.00000	.99999	22	76	1	46.9848	.00000	.99999
22	27	50	45.8712	.00000	.99999	22	77	0	50.4167	.00000	.99999
22	28	49	42.6212	.00000	.99999	23	0	76	179.5758	.00000	.99999
22	29	48	39.5076	.00000	.99999	23	1	75	172.7348	.00000	.99999
22	30	47	36.5303	.00000	.99999	23	2	74	166.0303	.00000	.99999
22	31	46	33.6894	.00000	.99999	23	3	73	159.4621	.00000	.99999
22	32	45	30.9848	.00000	.99999	23	4	72	153.0303	.00000	.99999
22	33	44	28.4167	.00000	.99999	23	5	71	146.7348	.00000	.99999
22	34	43	25.9848	.00000	.99999	23	6	70	140.5758	.00000	.99999
22	35	42	23.6894	.00000	.99998	23	7	69	134.5530	.00000	.99999
22	36	41	21.5303	.00000	.99997	23	8	68	128.6667	.00000	.99999
22	37	40	19.5076	.00000	.99994	23	9	67	122.9167	.00000	.99999
22	38	39	17.6212	.00000	.99985	23	10	66	117.3030	.00000	.99999
22	39	38	15.8712	.00001	.99967	23	11	65	111.8258	.00000	.99999
22	40	37	14.2576	.00001	.99922	23	12	64	106.4848	.00000	.99999
22	41	36	12.7803	.00002	.99834	23	13	63	101.2803	.00000	.99999

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
23	14	62	96.2121	.00000	.99999	23	64	12	16.6667	.00000	.99975
23	15	61	91.2803	.00000	.99999	23	65	11	18.5530	.00000	.99990
23	16	60	86.4848	.00000	.99999	23	66	10	20.5758	.00000	.99996
23	17	59	81.8258	.00000	.99999	23	67	9	22.7348	.00000	.99998
23	18	58	77.3030	.00000	.99999	23	68	8	25.0303	.00000	.99999
23	19	57	72.9167	.00000	.99999	23	69	7	27.4621	.00000	.99999
23	20	56	68.6667	.00000	.99999	23	70	6	30.0303	.00000	.99999
23	21	55	64.5530	.00000	.99999	23	71	5	32.7348	.00000	.99999
23	22	54	60.5758	.00000	.99999	23	72	4	35.5758	.00000	.99999
23	23	53	56.7348	.00000	.99999	23	73	3	38.5530	.00000	.99999
23	24	52	53.0303	.00000	.99999	23	74	2	41.6667	.00000	.99999
23	25	51	49.4621	.00000	.99999	23	75	1	44.9167	.00000	.99999
23	26	50	46.0303	.00000	.99999	23	76	0	48.3030	.00000	.99999
23	27	49	42.7348	.00000	.99999	24	0	75	174.1364	.00000	.99999
23	28	48	39.5758	.00000	.99999	24	1	74	167.3864	.00000	.99999
23	29	47	36.5530	.00000	.99999	24	2	73	160.7727	.00000	.99999
23	30	46	33.6667	.00000	.99999	24	3	72	154.2955	.00000	.99999
23	31	45	30.9167	.00000	.99999	24	4	71	147.9545	.00000	.99999
23	32	44	28.3030	.00000	.99999	24	5	70	141.7500	.00000	.99999
23	33	43	25.8258	.00000	.99999	24	6	69	135.6818	.00000	.99999
23	34	42	23.4848	.00000	.99998	24	7	68	129.7500	.00000	.99999
23	35	41	21.2803	.00000	.99997	24	8	67	123.9545	.00000	.99999
23	36	40	19.2121	.00000	.99993	24	9	66	118.2955	.00000	.99999
23	37	39	17.2803	.00000	.99983	24	10	65	112.7727	.00000	.99999
23	38	38	15.4848	.00001	.99963	24	11	64	107.3864	.00000	.99999
23	39	37	13.8258	.00002	.99908	24	12	63	102.1364	.00000	.99999
23	40	36	12.3030	.00003	.99806	24	13	62	97.0227	.00000	.99999
23	41	35	10.9167	.00006	.99605	24	14	61	92.0455	.00000	.99999
23	42	34	9.6667	.00009	.99232	24	15	60	87.2045	.00000	.99999
23	43	33	8.5530	.00015	.98671	24	16	59	82.5000	.00000	.99999
23	44	32	7.5758	.00022	.97769	24	17	58	77.9318	.00000	.99999
23	45	31	6.7348	.00031	.96573	24	18	57	73.5000	.00000	.99999
23	46	30	6.0303	.00042	.95430	24	19	56	69.2045	.00000	.99999
23	47	29	5.4621	.00054	.93590	24	20	55	65.0455	.00000	.99999
23	48	28	5.0303	.00065	.92333	24	21	54	61.0227	.00000	.99999
23	49	27	4.7348	.00074	.90141	24	22	53	57.1364	.00000	.99999
23	50	26	4.5758	.00080	.89861	24	23	52	53.3864	.00000	.99999
23	51	25	4.5530	.00081	.89620	24	24	51	49.7727	.00000	.99999
23	52	24	4.6667	.00078	.89473	24	25	50	46.2955	.00000	.99999
23	53	23	4.9167	.00071	.91742	24	26	49	42.9545	.00000	.99999
23	54	22	5.3030	.00060	.93119	24	27	48	39.7500	.00000	.99999
23	55	21	5.8258	.00048	.94358	24	28	47	36.6818	.00000	.99999
23	56	20	6.4848	.00036	.96120	24	29	46	33.7500	.00000	.99999
23	57	19	7.2803	.00025	.97516	24	30	45	30.9545	.00000	.99999
23	58	18	8.2121	.00017	.98382	24	31	44	28.2955	.00000	.99999
23	59	17	9.2803	.00010	.99081	24	32	43	25.7727	.00000	.99999
23	60	16	10.4848	.00006	.99490	24	33	42	23.3864	.00000	.99998
23	61	15	11.8258	.00003	.99731	24	34	41	21.1364	.00000	.99997
23	62	14	13.3030	.00001	.99874	24	35	40	19.0227	.00000	.99992
23	63	13	14.9167	.00001	.99942	24	36	39	17.0455	.00000	.99981

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
24	37	38	15.2045	.00001	.99953	25	11	63	103.0985	.00000	.99999
24	38	37	13.5000	.00002	.99869	25	12	62	97.9394	.00000	.99999
24	39	36	11.9318	.00004	.99763	25	13	61	92.9167	.00000	.99999
24	40	35	10.5000	.00007	.99527	25	14	60	88.0303	.00000	.99999
24	41	34	9.2045	.00014	.99053	25	15	59	83.2803	.00000	.99999
24	42	33	8.0455	.0002[illegible]	.98230	25	16	58	78.6667	.00000	.99999
24	43	32	7.0227	.0003[illegible]	.97176	25	17	57	74.1894	.00000	.99999
24	44	31	6.1364	.00044	.95676	25	18	56	69.8485	.00000	.99999
24	45	30	5.3864	.00060	.93358	25	19	55	65.6439	.00000	.99999
24	46	29	4.7727	.00079	.90634	25	20	54	61.5758	.00000	.99999
24	47	28	4.2955	.00097	.88645	25	21	53	57.6439	.00000	.99999
24	48	27	3.9545	.00113	.86650	25	22	52	53.8485	.00000	.99999
24	49	26	3.7500	.00125	.84835	25	23	51	50.1894	.00000	.99999
24	50	25	3.6818	.00130	.83457	25	24	50	46.6667	.00000	.99999
24	51	24	3.7500	.00127	.84710	25	25	49	43.2803	.00000	.99999
24	52	23	3.9545	.00117	.86536	25	26	48	40.0303	.00000	.99999
24	53	22	4.2955	.00102	.88548	25	27	47	36.9167	.00000	.99999
24	54	21	4.7727	.00083	.90555	25	28	46	33.9394	.00000	.99999
24	55	20	5.3864	.00063	.93239	25	29	45	31.0985	.00000	.99999
24	56	19	6.1364	.00045	.95632	25	30	44	28.3939	.00000	.99999
24	57	18	7.0227	.00030	.97046	25	31	43	25.8258	.00000	.99999
24	58	17	8.0455	.00019	.98262	25	32	42	23.3939	.00000	.99998
24	59	16	9.2045	.00011	.99040	25	33	41	21.0985	.00000	.99996
24	60	15	10.5000	.00006	.99520	25	34	40	18.9394	.00000	.99991
24	61	14	11.9318	.00003	.99745	25	35	39	16.9167	.00001	.99979
24	62	13	13.5000	.00001	.99887	25	36	38	15.0303	.00001	.99949
24	63	12	15.2045	.00001	.99952	25	37	37	13.2803	.00002	.99872
24	64	11	17.0455	.00000	.99980	25	38	36	11.6667	.00005	.99715
24	65	10	19.0227	.00000	.99992	25	39	35	10.1894	.00009	.99378
24	66	9	21.1364	.00000	.99997	25	40	34	8.8485	.00015	.98806
24	67	8	23.3864	.00000	.99998	25	41	33	7.6439	.00025	.97884
24	68	7	25.7727	.00000	.99999	25	42	32	6.5758	.00039	.96319
24	69	6	28.2955	.00000	.99999	25	43	31	5.6439	.00058	.94140
24	70	5	30.9545	.00000	.99999	25	44	30	4.8485	.00081	.91439
24	71	4	33.7500	.00000	.99999	25	45	29	4.1894	.00109	.88229
24	72	3	36.6818	.00000	.99999	25	46	28	3.6667	.00137	.83174
24	73	2	39.7500	.00000	.99999	25	47	27	3.2803	.00163	.80592
24	74	1	42.9545	.00000	.99999	25	48	26	3.0303	.00183	.78374
24	75	0	46.2955	.00000	.99999	25	49	25	2.9167	.00195	.77172
25	0	74	168.8485	.00000	.99999	25	50	24	2.9394	.00195	.77582
25	1	73	162.1894	.00000	.99999	25	51	23	3.0985	.00183	.79516
25	2	72	155.6667	.00000	.99999	25	52	22	3.3939	.00162	.82263
25	3	71	149.2803	.00000	.99999	25	53	21	3.8258	.00135	.85641
25	4	70	143.0303	.00000	.99999	25	54	20	4.3939	.00105	.89042
25	5	69	136.9167	.00000	.99999	25	55	19	5.0985	.00076	.92472
25	6	68	130.9394	.00000	.99999	25	56	18	5.9394	.00052	.94990
25	7	67	125.0985	.00000	.99999	25	57	17	6.9167	.00033	.96863
25	8	66	119.3939	.00000	.99999	25	58	16	8.0303	.00019	.98199
25	9	65	113.8258	.00000	.99999	25	59	15	9.2803	.00010	.99109
25	10	64	108.3939	.00000	.99999	25	60	14	10.6667	.00005	.99553

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
25	61	13	12.1894	.00002	.99799	26	36	37	13.1667	.00003	.99861
25	62	12	13.8485	.00001	.99910	26	37	36	11.5076	.00005	.99685
25	63	11	15.6439	.00000	.99961	26	38	35	9.9848	.00010	.99348
25	64	10	17.5758	.00000	.99985	26	39	34	8.5985	.00017	.98709
25	65	9	19.6439	.00000	.99994	26	40	33	7.3485	.00029	.97605
25	66	8	21.8485	.00000	.99998	26	41	32	6.2348	.00047	.95754
25	67	7	24.1894	.00000	.99999	26	42	31	5.2576	.00072	.92870
25	68	6	26.6667	.00000	.99999	26	43	30	4.4167	.00103	.89437
25	69	5	29.2803	.00000	.99999	26	44	29	3.7121	.00141	.84014
25	70	4	32.0303	.00000	.99999	26	45	28	3.1439	.00182	.79887
25	71	3	34.9167	.00000	.99999	26	46	27	2.7121	.00221	.73722
25	72	2	37.9394	.00000	.99999	26	47	26	2.4167	.00254	.71303
25	73	1	41.0985	.00000	.99999	26	48	25	2.2576	.00275	.69144
25	74	0	44.3939	.00000	.99999	26	49	24	2.2348	.00281	.66830
26	0	73	163.7121	.00000	.99999	26	50	23	2.3485	.00270	.69693
26	1	72	157.1439	.00000	.99999	26	51	22	2.5985	.00243	.72309
26	2	71	150.7121	.00000	.99999	26	52	21	2.9848	.00206	.77982
26	3	70	144.4167	.00000	.99999	26	53	20	3.5076	.00163	.82889
26	4	69	138.2576	.00000	.99999	26	54	19	4.1667	.00121	.87791
26	5	68	132.2348	.00000	.99999	26	55	18	4.9621	.00083	.91892
26	6	67	126.3485	.00000	.99999	26	56	17	5.8939	.00054	.94716
26	7	66	120.5985	.00000	.99999	26	57	16	6.9621	.00032	.96918
26	8	65	114.9848	.00000	.99999	26	58	15	8.1667	.00018	.98342
26	9	64	109.5076	.00000	.99999	26	59	14	9.5076	.00009	.99187
26	10	63	104.1667	.00000	.99999	26	60	13	10.9848	.00004	.99619
26	11	62	98.9621	.00000	.99999	26	61	12	12.5985	.00002	.99822
26	12	61	93.8939	.00000	.99999	26	62	11	14.3485	.00001	.99924
26	13	60	88.9621	.00000	.99999	26	63	10	16.2348	.00000	.99969
26	14	59	84.1667	.00000	.99999	26	64	9	18.2576	.00000	.99989
26	15	58	79.5076	.00000	.99999	26	65	8	20.4167	.00000	.99996
26	16	57	74.9848	.00000	.99999	26	66	7	22.7121	.00000	.99998
26	17	56	70.5985	.00000	.99999	26	67	6	25.1439	.00000	.99999
26	18	55	66.3485	.00000	.99999	26	68	5	27.7121	.00000	.99999
26	19	54	62.2348	.00000	.99999	26	69	4	30.4167	.00000	.99999
26	20	53	58.2576	.00000	.99999	26	70	3	33.2576	.00000	.99999
26	21	52	54.4167	.00000	.99999	26	71	2	36.2348	.00000	.99999
26	22	51	50.7121	.00000	.99999	26	72	1	39.3485	.00000	.99999
26	23	50	47.1439	.00000	.99999	26	73	0	42.5985	.00000	.99999
26	24	49	43.7121	.00000	.99999	27	0	72	158.7273	.00000	.99999
26	25	48	40.4167	.00000	.99999	27	1	71	152.2500	.00000	.99999
26	26	47	37.2576	.00000	.99999	27	2	70	145.9091	.00000	.99999
26	27	46	34.2348	.00000	.99999	27	3	69	139.7045	.00000	.99999
26	28	45	31.3485	.00000	.99999	27	4	68	133.6364	.00000	.99999
26	29	44	28.5985	.00000	.99999	27	5	67	127.7045	.00000	.99999
26	30	43	25.9848	.00000	.99999	27	6	66	121.9091	.00000	.99999
26	31	42	23.5076	.00000	.99998	27	7	65	116.2500	.00000	.99999
26	32	41	21.1667	.00000	.99997	27	8	64	110.7273	.00000	.99999
26	33	40	18.9621	.00000	.99992	27	9	63	105.3409	.00000	.99999
26	34	39	16.8939	.00001	.99978	27	10	62	100.0909	.00000	.99999
26	35	38	14.9621	.00001	.99944	27	11	61	94.9773	.00000	.99999

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
27	12	60	90.0000	.00000	.99999	27	62	10	15.0000	.00000	.99946
27	13	59	85.1591	.00000	.99999	27	63	9	16.9773	.00000	.99979
27	14	58	80.4545	.00000	.99999	27	64	8	19.0909	.00000	.99992
27	15	57	75.8864	.00000	.99999	27	65	7	21.3409	.00000	.99997
27	16	56	71.4545	.00000	.99999	27	66	6	23.7273	.00000	.99998
27	17	55	67.1591	.00000	.99999	27	67	5	26.2500	.00000	.99999
27	18	54	63.0000	.00000	.99999	27	68	4	28.9091	.00000	.99999
27	19	53	58.9773	.00000	.99999	27	69	3	31.7045	.00000	.99999
27	20	52	55.0909	.00000	.99999	27	70	2	34.6364	.00000	.99999
27	21	51	51.3409	.00000	.99999	27	71	1	37.7045	.00000	.99999
27	22	50	47.7273	.00000	.99999	27	72	0	40.9091	.00000	.99999
27	23	49	44.2500	.00000	.99999	28	0	71	153.8939	.00000	.99999
27	24	48	40.9091	.00000	.99999	28	1	70	147.5076	.00000	.99999
27	25	47	37.7045	.00000	.99999	28	2	69	141.2576	.00000	.99999
27	26	46	34.6364	.00000	.99999	28	3	68	135.1439	.00000	.99999
27	27	45	31.7045	.00000	.99999	28	4	67	129.1667	.00000	.99999
27	28	44	28.9091	.00000	.99999	28	5	66	123.3258	.00000	.99999
27	29	43	26.2500	.00000	.99999	28	6	65	117.6212	.00000	.99999
27	30	42	23.7273	.00000	.99998	28	7	64	112.0530	.00000	.99999
27	31	41	21.3409	.00000	.99997	28	8	63	106.6212	.00000	.99999
27	32	40	19.0909	.00000	.99993	28	9	62	101.3258	.00000	.99999
27	33	39	16.9773	.00001	.99980	28	10	61	96.1667	.00000	.99999
27	34	38	15.0000	.00001	.99948	28	11	60	91.1439	.00000	.99999
27	35	37	13.1591	.00003	.99856	28	12	59	86.2576	.00000	.99999
27	36	36	11.4545	.00005	.99673	28	13	58	81.5076	.00000	.99999
27	37	35	9.8864	.00010	.99310	28	14	57	76.8939	.00000	.99999
27	38	34	8.4545	.00019	.98597	28	15	56	72.4167	.00000	.99999
27	39	33	7.1591	.00032	.97255	28	16	55	68.0758	.00000	.99999
27	40	32	6.0000	.00054	.95343	28	17	54	63.8712	.00000	.99999
27	41	31	4.9773	.00084	.92188	28	18	53	59.8030	.00000	.99999
27	42	30	4.0909	.00123	.87345	28	19	52	55.8712	.00000	.99999
27	43	29	3.3409	.00172	.81266	28	20	51	52.0758	.00000	.99999
27	44	28	2.7273	.00227	.74634	28	21	50	48.4167	.00000	.99999
27	45	27	2.2500	.00282	.68568	28	22	49	44.8939	.00000	.99999
27	46	26	1.9091	.00332	.61854	28	23	48	41.5076	.00000	.99999
27	47	25	1.7045	.00367	.59795	28	24	47	38.2576	.00000	.99999
27	48	24	1.6364	.00382	.55966	28	25	46	35.1439	.00000	.99999
27	49	23	1.7045	.00374	.58278	28	26	45	32.1667	.00000	.99999
27	50	22	1.9091	.00344	.61523	28	27	44	29.3258	.00000	.99999
27	51	21	2.2500	.00297	.67989	28	28	43	26.6212	.00000	.99999
27	52	20	2.7273	.00240	.74178	28	29	42	24.0530	.00000	.99999
27	53	19	3.3409	.00181	.81937	28	30	41	21.6212	.00000	.99997
27	54	18	4.0909	.00127	.87221	28	31	40	19.3258	.00000	.99993
27	55	17	4.9773	.00083	.92105	28	32	39	17.1667	.00000	.99982
27	56	16	6.0000	.00051	.95290	28	33	38	15.1439	.00001	.99951
27	57	15	7.1591	.00028	.97355	28	34	37	13.2576	.00002	.99868
27	58	14	8.4545	.00015	.98578	28	35	36	11.5076	.00005	.99680
27	59	13	9.8864	.00007	.99300	28	36	35	9.8939	.00010	.99336
27	60	12	11.4545	.00003	.99668	28	37	34	8.4167	.00018	.98528
27	61	11	13.1591	.00001	.99854	28	38	33	7.0758	.00034	.97128

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
28	39	32	5.8712	.00057	.94581	29	17	53	60.7348	.00000	.99999
28	40	31	4.8030	.00092	.91283	29	18	52	56.7576	.00000	.99999
28	41	30	3.8712	.00139	.86156	29	19	51	52.9167	.00000	.99999
28	42	29	3.0758	.00198	.79139	29	20	50	49.2121	.00000	.99999
28	43	28	2.4167	.00268	.71049	29	21	49	45.6439	.00000	.99999
28	44	27	1.8939	.00340	.60485	29	22	48	42.2121	.00000	.99999
28	45	26	1.5076	.00409	.53567	29	23	47	38.9167	.00000	.99999
28	46	25	1.2576	.00462	.47522	29	24	46	35.7576	.00000	.99999
28	47	24	1.1439	.00491	.44619	29	25	45	32.7348	.00000	.99999
28	48	23	1.1667	.00491	.45607	29	26	44	29.8485	.00000	.99999
28	49	22	1.3258	.00461	.49350	29	27	43	27.0985	.00000	.99999
28	50	21	1.6212	.00406	.55182	29	28	42	24.4848	.00000	.99999
28	51	20	2.0530	.00334	.63605	29	29	41	22.0076	.00000	.99998
28	52	19	2.6212	.00257	.72791	29	30	40	19.6667	.00000	.99994
28	53	18	3.3258	.00184	.80931	29	31	39	17.4621	.00000	.99984
28	54	17	4.1667	.00123	.87670	29	32	38	15.3939	.00001	.99958
28	55	16	5.1439	.00076	.92609	29	33	37	13.4621	.00002	.99885
28	56	15	6.2576	.00043	.95875	29	34	36	11.6667	.00005	.99711
28	57	14	7.5076	.00023	.97730	29	35	35	10.0076	.00009	.99360
28	58	13	8.8939	.00011	.98826	29	36	34	8.4848	.00018	.98623
28	59	12	10.4167	.00005	.99481	29	37	33	7.0985	.00033	.97178
28	60	11	12.0758	.00002	.99787	29	38	32	5.8485	.00058	.94433
28	61	10	13.8712	.00001	.99912	29	39	31	4.7348	.00095	.90307
28	62	9	15.8030	.00000	.99964	29	40	30	3.7576	.00147	.85379
28	63	8	17.8712	.00000	.99986	29	41	29	2.9167	.00215	.76978
28	64	7	20.0758	.00000	.99995	29	42	28	2.2121	.00298	.66248
28	65	6	22.4167	.00000	.99998	29	43	27	1.6439	.00387	.56748
28	66	5	24.8939	.00000	.99999	29	44	26	1.2121	.00476	.46575
28	67	4	27.5076	.00000	.99999	29	45	25	.9167	.00549	.36214
28	68	3	30.2576	.00000	.99999	29	46	24	.7576	.00597	.32751
28	69	2	33.1439	.00000	.99999	29	47	23	.7348	.00616	.31540
28	70	1	36.1667	.00000	.99999	29	48	22	.8485	.00585	.35093
28	71	0	39.3258	.00000	.99999	29	49	21	1.0985	.00525	.42594
29	0	70	149.2121	.00000	.99999	29	50	20	1.4848	.00441	.51051
29	1	69	142.9167	.00000	.99999	29	51	19	2.0076	.00346	.63167
29	2	68	136.7576	.00000	.99999	29	52	18	2.6667	.00253	.73262
29	3	67	130.7348	.00000	.99999	29	53	17	3.4621	.00172	.82580
29	4	66	124.8485	.00000	.99999	29	54	16	4.3939	.00108	.89242
29	5	65	119.0985	.00000	.99999	29	55	15	5.4621	.00063	.93537
29	6	64	113.4848	.00000	.99999	29	56	14	6.6667	.00034	.96512
29	7	63	108.0076	.00000	.99999	29	57	13	8.0076	.00017	.98167
29	8	62	102.6667	.00000	.99999	29	58	12	9.4848	.00007	.99165
29	9	61	97.4621	.00000	.99999	29	59	11	11.0985	.00003	.99629
29	10	60	92.3939	.00000	.99999	29	60	10	12.8485	.00001	.99839
29	11	59	87.4621	.00000	.99999	29	61	9	14.7348	.00000	.99933
29	12	58	82.6667	.00000	.99999	29	62	8	16.7576	.00000	.99976
29	13	57	78.0076	.00000	.99999	29	63	7	18.9167	.00000	.99991
29	14	56	73.4848	.00000	.99999	29	64	6	21.2121	.00000	.99997
29	15	55	69.0985	.00000	.99999	29	65	5	23.6439	.00000	.99998
29	16	54	64.8485	.00000	.99999	29	66	4	26.2121	.00000	.99999

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
29	67	3	28.9167	.00000	.99999	30	46	23	.4091	.00717	.18322
29	68	2	31.7576	.00000	.99999	30	47	22	.4773	.00701	.21849
29	69	1	34.7348	.00000	.99999	30	48	21	.6818	.00643	.29058
29	70	0	37.8485	.00000	.99999	30	49	20	1.0227	.00551	.40021
30	0	69	144.6818	.00000	.99999	30	50	19	1.5000	.00441	.52313
30	1	68	138.4773	.00000	.99999	30	51	18	2.1136	.00329	.64731
30	2	67	132.4091	.00000	.99999	30	52	17	2.8636	.00227	.75709
30	3	66	126.4773	.00000	.99999	30	53	16	3.7500	.00146	.84583
30	4	65	120.6818	.00000	.99999	30	54	15	4.7727	.00086	.90668
30	5	64	115.0227	.00000	.99999	30	55	14	5.9318	.00047	.94843
30	6	63	109.5000	.00000	.99999	30	56	13	7.2273	.00024	.97439
30	7	62	104.1136	.00000	.99999	30	57	12	8.6591	.00011	.98798
30	8	61	98.8636	.00000	.99999	30	58	11	10.2273	.00004	.99399
30	9	60	93.7500	.00000	.99999	30	59	10	11.9318	.00002	.99756
30	10	59	88.7727	.00000	.99999	30	60	9	13.7727	.00001	.99904
30	11	58	83.9318	.00000	.99999	30	61	8	15.7500	.00000	.99962
30	12	57	79.2273	.00000	.99999	30	62	7	17.8636	.00000	.99986
30	13	56	74.6591	.00000	.99999	30	63	6	20.1136	.00000	.99995
30	14	55	70.2273	.00000	.99999	30	64	5	22.5000	.00000	.99998
30	15	54	65.9318	.00000	.99999	30	65	4	25.0227	.00000	.99999
30	16	53	61.7727	.00000	.99999	30	66	3	27.6818	.00000	.99999
30	17	52	57.7500	.00000	.99999	30	67	2	30.4773	.00000	.99999
30	18	51	53.8636	.00000	.99999	30	68	1	33.4091	.00000	.99999
30	19	50	50.1136	.00000	.99999	30	69	0	36.4773	.00000	.99999
30	20	49	46.5000	.00000	.99999	31	0	68	140.3030	.00000	.99999
30	21	48	43.0227	.00000	.99999	31	1	67	134.1894	.00000	.99999
30	22	47	39.6818	.00000	.99999	31	2	66	128.2121	.00000	.99999
30	23	46	36.4773	.00000	.99999	31	3	65	122.3712	.00000	.99999
30	24	45	33.4091	.00000	.99999	31	4	64	116.6667	.00000	.99999
30	25	44	30.4773	.00000	.99999	31	5	63	111.0985	.00000	.99999
30	26	43	27.6818	.00000	.99999	31	6	62	105.6667	.00000	.99999
30	27	42	25.0227	.00000	.99999	31	7	61	100.3712	.00000	.99999
30	28	41	22.5000	.00000	.99998	31	8	60	95.2121	.00000	.99999
30	29	40	20.1136	.00000	.99995	31	9	59	90.1894	.00000	.99999
30	30	39	17.8636	.00000	.99986	31	10	58	85.3030	.00000	.99999
30	31	38	15.7500	.00001	.99964	31	11	57	80.5530	.00000	.99999
30	32	37	13.7727	.00002	.99905	31	12	56	75.9394	.00000	.99999
30	33	36	11.9318	.00004	.99760	31	13	55	71.4621	.00000	.99999
30	34	35	10.2273	.00008	.99413	31	14	54	67.1212	.00000	.99999
30	35	34	8.6591	.00016	.98764	31	15	53	62.9167	.00000	.99999
30	36	33	7.2273	.00031	.97470	31	16	52	58.8485	.00000	.99999
30	37	32	5.9318	.00055	.94898	31	17	51	54.9167	.00000	.99999
30	38	31	4.7727	.00093	.90960	31	18	50	51.1212	.00000	.99999
30	39	30	3.7500	.00147	.85167	31	19	49	47.4621	.00000	.99999
30	40	29	2.8636	.00221	.75930	31	20	48	43.9394	.00000	.99999
30	41	28	2.1136	.00312	.65043	31	21	47	40.5530	.00000	.99999
30	42	27	1.5000	.00417	.52730	31	22	46	37.3030	.00000	.99999
30	43	26	1.0227	.00523	.40544	31	23	45	34.1894	.00000	.99999
30	44	25	.6818	.00618	.30316	31	24	44	31.2121	.00000	.99999
30	45	24	.4773	.00687	.22536	31	25	43	28.3712	.00000	.99999

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
31	26	42	25.6667	.00000	.99999	32	7	60	96.7803	.00000	.99999
31	27	41	23.0985	.00000	.99998	32	8	59	91.7121	.00000	.99999
31	28	40	20.6667	.00000	.99996	32	9	58	86.7803	.00000	.99999
31	29	39	18.3712	.00000	.99990	32	10	57	81.9848	.00000	.99999
31	30	38	16.2121	.00001	.99969	32	11	56	77.3258	.00000	.99999
31	31	37	14.1894	.00001	.99921	32	12	55	72.8030	.00000	.99999
31	32	36	12.3030	.00003	.99803	32	13	54	68.4167	.00000	.99999
31	33	35	10.5530	.00007	.99536	32	14	53	64.1667	.00000	.99999
31	34	34	8.9394	.00014	.98887	32	15	52	60.0530	.00000	.99999
31	35	33	7.4621	.00027	.97689	32	16	51	56.0758	.00000	.99999
31	36	32	6.1212	.00049	.95512	32	17	50	52.2348	.00000	.99999
31	37	31	4.9167	.00085	.91671	32	18	49	48.5303	.00000	.99999
31	38	30	3.8485	.00139	.85900	32	19	48	44.9621	.00000	.99999
31	39	29	2.9167	.00214	.76762	32	20	47	41.5303	.00000	.99999
31	40	28	2.1212	.00310	.65659	32	21	46	38.2348	.00000	.99999
31	41	27	1.4621	.00423	.50266	32	22	45	35.0758	.00000	.99999
31	42	26	.9394	.00544	.37322	32	23	44	32.0530	.00000	.99999
31	43	25	.5530	.00658	.25233	32	24	43	29.1667	.00000	.99999
31	44	24	.3030	.00748	.15419	32	25	42	26.4167	.00000	.99999
31	45	23	.1894	.00798	.09212	32	26	41	23.8030	.00000	.99998
31	46	22	.2121	.00798	.10797	32	27	40	21.3258	.00000	.99997
31	47	21	.3712	.00747	.16884	32	28	39	18.9848	.00000	.99992
31	48	20	.6667	.00653	.27801	32	29	38	16.7803	.00000	.99977
31	49	19	1.0985	.00533	.43618	32	30	37	14.7121	.00001	.99931
31	50	18	1.6667	.00405	.57521	32	31	36	12.7803	.00002	.99831
31	51	17	2.3712	.00286	.70238	32	32	35	10.9848	.00005	.99615
31	52	16	3.2121	.00187	.80245	32	33	34	9.3258	.00011	.99120
31	53	15	4.1894	.00113	.88121	32	34	33	7.8030	.00022	.98054
31	54	14	5.3030	.00063	.93058	32	35	32	6.4167	.00042	.96017
31	55	13	6.5530	.00032	.96253	32	36	31	5.1667	.00074	.92742
31	56	12	7.9394	.00015	.98135	32	37	30	4.0530	.00124	.86883
31	57	11	9.4621	.00006	.99151	32	38	29	3.0758	.00195	.78940
31	58	10	11.1212	.00002	.99638	32	39	28	2.2348	.00291	.67412
31	59	9	12.9167	.00001	.99844	32	40	27	1.5303	.00407	.54394
31	60	8	14.8485	.00000	.99940	32	41	26	.9621	.00536	.38418
31	61	7	16.9167	.00000	.99978	32	42	25	.5303	.00663	.23892
31	62	6	19.1212	.00000	.99993	32	43	24	.2348	.00771	.12365
31	63	5	21.4621	.00000	.99997	32	44	23	.0758	.00841	.05989
31	64	4	23.9394	.00000	.99998	32	45	22	.0530	.00860	.02593
31	65	3	26.5530	.00000	.99999	32	46	21	.1667	.00823	.07610
31	66	2	29.3030	.00000	.99999	32	47	20	.4167	.00735	.19755
31	67	1	32.1894	.00000	.99999	32	48	19	.8030	.00613	.33936
31	68	0	35.2121	.00000	.99999	32	49	18	1.3258	.00475	.48889
32	0	67	136.0758	.00000	.99999	32	50	17	1.9848	.00342	.62514
32	1	66	130.0530	.00000	.99999	32	51	16	2.7803	.00228	.75078
32	2	65	124.1667	.00000	.99999	32	52	15	3.7121	.00140	.83873
32	3	64	118.4167	.00000	.99999	32	53	14	4.7803	.00079	.91122
32	4	63	112.8030	.00000	.99999	32	54	13	5.9848	.00041	.95126
32	5	62	107.3258	.00000	.99999	32	55	12	7.3258	.00019	.97560
32	6	61	101.9848	.00000	.99999	32	56	11	8.8030	.00008	.98785

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
32	57	10	10.4167	.00003	.99476	33	39	27	1.7045	.00370	.59428
32	58	9	12.1667	.00001	.99795	33	40	26	1.0909	.00499	.41572
32	59	8	14.0530	.00000	.99918	33	41	25	.6136	.00635	.26535
32	60	7	16.0758	.00000	.99967	33	42	24	.2727	.00754	.13903
32	61	6	18.2348	.00000	.99989	33	43	23	.0682	.00841	.04294
32	62	5	20.5303	.00000	.99996	33	44	22	0.0000	.00880	0.00000
32	63	4	22.9621	.00000	.99998	33	45	21	.0682	.00860	.03453
32	64	3	25.5303	.00000	.99999	33	46	20	.2727	.00785	.13150
32	65	2	28.2348	.00000	.99999	33	47	19	.6136	.00668	.25902
32	66	1	31.0758	.00000	.99999	33	48	18	1.0909	.00529	.41073
32	67	0	34.0530	.00000	.99999	33	49	17	1.7045	.00389	.59058
33	0	66	132.0000	.00000	.99999	33	50	16	2.4545	.00264	.71568
33	1	65	126.0682	.00000	.99999	33	51	15	3.3409	.00166	.81588
33	2	64	120.2727	.00000	.99999	33	52	14	4.3636	.00096	.88741
33	3	63	114.6136	.00000	.99999	33	53	13	5.5227	.00051	.93755
33	4	62	109.0909	.00000	.99999	33	54	12	6.8182	.00024	.96750
33	5	61	103.7045	.00000	.99999	33	55	11	8.2500	.00011	.98463
33	6	60	98.4545	.00000	.99999	33	56	10	9.8182	.00004	.99241
33	7	59	93.3409	.00000	.99999	33	57	9	11.5227	.00001	.99687
33	8	58	88.3636	.00000	.99999	33	58	8	13.3636	.00000	.99880
33	9	57	83.5227	.00000	.99999	33	59	7	15.3409	.00000	.99957
33	10	56	78.8182	.00000	.99999	33	60	6	17.4545	.00000	.99984
33	11	55	74.2500	.00000	.99999	33	61	5	19.7045	.00000	.99994
33	12	54	69.8182	.00000	.99999	33	62	4	22.0909	.00000	.99998
33	13	53	65.5227	.00000	.99999	33	63	3	24.6136	.00000	.99999
33	14	52	61.3636	.00000	.99999	33	64	2	27.2727	.00000	.99999
33	15	51	57.3409	.00000	.99999	33	65	1	30.0682	.00000	.99999
33	16	50	53.4545	.00000	.99999	33	66	0	33.0000	.00000	.99999
33	17	49	49.7045	.00000	.99999	34	0	65	128.0758	.00000	.99999
33	18	48	46.0909	.00000	.99999	34	1	64	122.2348	.00000	.99999
33	19	47	42.6136	.00000	.99999	34	2	63	116.5303	.00000	.99999
33	20	46	39.2727	.00000	.99999	34	3	62	110.9621	.00000	.99999
33	21	45	36.0682	.00000	.99999	34	4	61	105.5303	.00000	.99999
33	22	44	33.0000	.00000	.99999	34	5	60	100.2348	.00000	.99999
33	23	43	30.0682	.00000	.99999	34	6	59	95.0758	.00000	.99999
33	24	42	27.2727	.00000	.99999	34	7	58	90.0530	.00000	.99999
33	25	41	24.6136	.00000	.99999	34	8	57	85.1667	.00000	.99999
33	26	40	22.0909	.00000	.99998	34	9	56	80.4167	.00000	.99999
33	27	39	19.7045	.00000	.99994	34	10	55	75.8030	.00000	.99999
33	28	38	17.4545	.00000	.99984	34	11	54	71.3258	.00000	.99999
33	29	37	15.3409	.00001	.99958	34	12	53	66.9848	.00000	.99999
33	30	36	13.3636	.00002	.99881	34	13	52	62.7803	.00000	.99999
33	31	35	11.5227	.00004	.99690	34	14	51	58.7121	.00000	.99999
33	32	34	9.8182	.00008	.99249	34	15	50	54.7803	.00000	.99999
33	33	33	8.2500	.00017	.98480	34	16	49	50.9848	.00000	.99999
33	34	32	6.8182	.00033	.96783	34	17	48	47.3258	.00000	.99999
33	35	31	5.5227	.00060	.93815	34	18	47	43.8030	.00000	.99999
33	36	30	4.3636	.00104	.88845	34	19	46	40.4167	.00000	.99999
33	37	29	3.3409	.00169	.81756	34	20	45	37.1667	.00000	.99999
33	38	28	2.4545	.00257	.71825	34	21	44	34.0530	.00000	.99999

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
34	22	43	31.0758	.00000	.99999	35	6	58	91.8485	.00000	.99999
34	23	42	28.2348	.00000	.99999	35	7	57	86.9167	.00000	.99999
34	24	41	25.5303	.00000	.99999	35	8	56	82.1212	.00000	.99999
34	25	40	22.9621	.00000	.99998	35	9	55	77.4621	.00000	.99999
34	26	39	20.5303	.00000	.99996	35	10	54	72.9394	.00000	.99999
34	27	38	18.2348	.00000	.99989	35	11	53	68.5530	.00000	.99999
34	28	37	16.0758	.00000	.99967	35	12	52	64.3030	.00000	.99999
34	29	36	14.0530	.00001	.99918	35	13	51	60.1894	.00000	.99999
34	30	35	12.1667	.00003	.99794	35	14	50	56.2121	.00000	.99999
34	31	34	10.4167	.00006	.99473	35	15	49	52.3712	.00000	.99999
34	32	33	8.8030	.00012	.98777	35	16	48	48.6667	.00000	.99999
34	33	32	7.3258	.00025	.97541	35	17	47	45.0985	.00000	.99999
34	34	31	5.9848	.00047	.95084	35	18	46	41.6667	.00000	.99999
34	35	30	4.7803	.00083	.91043	35	19	45	38.3712	.00000	.99999
34	36	29	3.7121	.00138	.83733	35	20	44	35.2121	.00000	.99999
34	37	28	2.7803	.00216	.74850	35	21	43	32.1894	.00000	.99999
34	38	27	1.9848	.00318	.62172	35	22	42	29.3030	.00000	.99999
34	39	26	1.3258	.00440	.48419	35	23	41	26.5530	.00000	.99999
34	40	25	.8030	.00573	.33324	35	24	40	23.9394	.00000	.99998
34	41	24	.4167	.00698	.19020	35	25	39	21.4621	.00000	.99997
34	42	23	.1667	.00798	.06787	35	26	38	19.1212	.00000	.99993
34	43	22	.0530	.00854	.01733	35	27	37	16.9167	.00000	.99978
34	44	21	.0758	.00854	.05148	35	28	36	14.8485	.00001	.99940
34	45	20	.2348	.00797	.11593	35	29	35	12.9167	.00002	.99843
34	46	19	.5303	.00693	.23229	35	30	34	11.1212	.00004	.99636
34	47	18	.9621	.00560	.37882	35	31	33	9.4621	.00008	.99144
34	48	17	1.5303	.00420	.53987	35	32	32	7.9394	.00018	.98120
34	49	16	2.2348	.00292	.67121	35	33	31	6.5530	.00034	.96221
34	50	15	3.0758	.00187	.78745	35	34	30	5.3030	.00062	.92996
34	51	14	4.0530	.00110	.86759	35	35	29	4.1894	.00106	.88008
34	52	13	5.1667	.00059	.92668	35	36	28	3.2121	.00171	.80058
34	53	12	6.4167	.00029	.95976	35	37	27	2.3712	.00259	.69952
34	54	11	7.8030	.00013	.98032	35	38	26	1.6667	.00368	.57116
34	55	10	9.3258	.00005	.99169	35	39	25	1.0985	.00491	.43085
34	56	9	10.9848	.00002	.99610	35	40	24	.6667	.00613	.27148
34	57	8	12.7803	.00001	.99829	35	41	23	.3712	.00718	.16138
34	58	7	14.7121	.00000	.99930	35	42	22	.2121	.00787	.09999
34	59	6	16.7803	.00000	.99976	35	43	21	.1894	.00805	.08415
34	60	5	18.9848	.00000	.99992	35	44	20	.3030	.00766	.14672
34	61	4	21.3258	.00000	.99997	35	45	19	.5530	.00683	.24575
34	62	3	23.8030	.00000	.99998	35	46	18	.9394	.00564	.36778
34	63	2	26.4167	.00000	.99999	35	47	17	1.4621	.00432	.49782
34	64	1	29.1667	.00000	.99999	35	48	16	2.1212	.00306	.65349
34	65	0	32.0530	.00000	.99999	35	49	15	2.9167	.00200	.76549
35	0	64	124.3030	.00000	.99999	35	50	14	3.8485	.00120	.85761
35	1	63	118.5530	.00000	.99999	35	51	13	4.9167	.00066	.91586
35	2	62	112.9394	.00000	.99999	35	52	12	6.1212	.00033	.95463
35	3	61	107.4621	.00000	.99999	35	53	11	7.4621	.00015	.97662
35	4	60	102.1212	.00000	.99999	35	54	10	8.9394	.00006	.98873
35	5	59	96.9167	.00000	.99999	35	55	9	10.5530	.00002	.99530

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
35	56	8	12.3030	.00001	.99803	36	41	22	.4773	.00688	.21148
35	57	7	14.1894	.00002	.99920	36	42	21	.4091	.00721	.17605
35	58	6	16.2121	.00000	.99968	36	43	20	.4773	.00704	.20460
35	59	5	18.3712	.00000	.99990	36	44	19	.6818	.00643	.29698
35	60	4	20.6667	.00000	.99996	36	45	18	1.0227	.00541	.38958
35	61	3	23.0985	.00000	.99998	36	46	17	1.5000	.00423	.51474
35	62	2	25.6667	.00000	.99999	36	47	16	2.1136	.00306	.64111
35	63	1	28.3712	.00000	.99999	36	48	15	2.8636	.00204	.75282
35	64	0	31.2121	.00000	.99999	36	49	14	3.7500	.00125	.84960
36	0	63	120.6818	.00000	.99999	36	50	13	4.7727	.00070	.90704
36	1	62	115.0227	.00000	.99999	36	51	12	5.9318	.00036	.94752
36	2	61	109.5500	.00000	.99999	36	52	11	7.2273	.00016	.97392
36	3	60	104.1136	.00000	.99999	36	53	10	8.6591	.00007	.98725
36	4	59	98.8636	.00000	.99999	36	54	9	10.2273	.00003	.99405
36	5	58	93.7500	.00000	.99999	36	55	8	11.9318	.00001	.99752
36	6	57	88.7727	.00000	.99999	36	56	7	13.7727	.00000	.99902
36	7	56	83.9318	.00000	.99999	36	57	6	15.7500	.00000	.99963
36	8	55	79.2273	.00000	.99999	36	58	5	17.8636	.00000	.99986
36	9	54	74.6591	.00000	.99999	36	59	4	20.1136	.00000	.99995
36	10	53	70.2273	.00000	.99999	36	60	3	22.5000	.00000	.99998
36	11	52	65.9318	.00000	.99999	36	61	2	25.0227	.00000	.99999
36	12	51	61.7727	.00000	.99999	36	62	1	27.6818	.00000	.99999
36	13	50	57.7500	.00000	.99999	36	63	0	30.4773	.00000	.99999
36	14	49	53.8636	.00000	.99999	37	0	62	117.2121	.00000	.99999
36	15	48	50.1136	.00000	.99999	37	1	61	111.6439	.00000	.99999
36	16	47	46.5000	.00000	.99999	37	2	60	106.2121	.00000	.99999
36	17	46	43.0227	.00000	.99999	37	3	59	100.9167	.00000	.99999
36	18	45	39.6818	.00000	.99999	37	4	58	95.7576	.00000	.99999
36	19	44	36.4773	.00000	.99999	37	5	57	90.7348	.00000	.99999
36	20	43	33.4091	.00000	.99999	37	6	56	85.8485	.00000	.99999
36	21	42	30.4773	.00000	.99999	37	7	55	81.0985	.00000	.99999
36	22	41	27.6818	.00000	.99999	37	8	54	76.4848	.00000	.99999
36	23	40	25.0227	.00000	.99999	37	9	53	72.0076	.00000	.99999
36	24	39	22.5000	.00000	.99998	37	10	52	67.6667	.00000	.99999
36	25	38	20.1136	.00000	.99995	37	11	51	63.4621	.00000	.99999
36	26	37	17.8636	.00000	.99986	37	12	50	59.3939	.00000	.99999
36	27	36	15.7500	.00000	.99962	37	13	49	55.4621	.00000	.99999
36	28	35	13.7727	.00001	.99903	37	14	48	51.6667	.00000	.99999
36	29	34	11.9318	.00002	.99754	37	15	47	48.0076	.00000	.99999
36	30	33	10.2273	.00005	.99395	37	16	46	44.4848	.00000	.99999
36	31	32	8.6591	.00012	.98737	37	17	45	41.0985	.00000	.99999
36	32	31	7.2273	.00023	.97416	37	18	44	37.8485	.00000	.99999
36	33	30	5.9318	.00044	.94796	37	19	43	34.7348	.00000	.99999
36	34	29	4.7727	.00077	.90761	37	20	42	31.7576	.00000	.99999
36	35	28	3.7500	.00128	.84437	37	21	41	28.9167	.00000	.99999
36	36	27	2.8636	.00224	.75482	37	22	40	26.2121	.00000	.99999
36	37	26	2.1136	.00291	.64402	37	23	39	23.6439	.00000	.99998
36	38	25	1.5000	.00359	.51873	37	24	38	21.2121	.00000	.99997
36	39	24	1.0227	.00511	.39475	37	25	37	18.9167	.00000	.99991
36	40	23	.6818	.00613	.28415	37	26	36	16.7576	.00000	.99976

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
37	27	35	14.7348	.00001	.99933	38	14	47	49.6212	.00000	.99999
37	28	34	12.8485	.00001	.99838	38	15	46	46.0530	.00000	.99999
37	29	33	11.0985	.00003	.99626	38	16	45	42.6212	.00000	.99999
37	30	32	9.4848	.00007	.99158	38	17	44	39.3258	.00000	.99999
37	31	31	8.0076	.00015	.98150	38	18	43	36.1667	.00000	.99999
37	32	30	6.6667	.00029	.96479	38	19	42	33.1439	.00000	.99999
37	33	29	5.4621	.00053	.93474	38	20	41	30.2576	.00000	.99999
37	34	28	4.3939	.00091	.89134	38	21	40	27.5076	.00000	.99999
37	35	27	3.4621	.00146	.82408	38	22	39	24.8939	.00000	.99999
37	36	26	2.6667	.00219	.73009	38	23	38	22.4167	.00000	.99998
37	37	25	2.0076	.00307	.62822	38	24	37	20.0758	.00000	.99995
37	38	24	1.4848	.00404	.50613	38	25	36	17.8712	.00000	.99986
37	39	23	1.0985	.00497	.42069	38	26	35	15.8030	.00000	.99964
37	40	22	.8485	.00572	.34508	38	27	34	13.8712	.00001	.99911
37	41	21	.7348	.00614	.30930	38	28	33	12.0758	.00002	.99785
37	42	20	.7576	.00614	.32154	38	29	32	10.4167	.00004	.99467
37	43	19	.9167	.00571	.35664	38	30	31	8.8939	.00009	.98815
37	44	18	1.2121	.00493	.46105	38	31	30	7.5076	.00019	.97707
37	45	17	1.6439	.00395	.56360	38	32	29	6.2576	.00035	.95832
37	46	16	2.2121	.00292	.65951	38	33	28	5.1439	.00061	.92533
37	47	15	2.9167	.00199	.76349	38	34	27	4.1667	.00101	.87547
37	48	14	3.7576	.00124	.85231	38	35	26	3.3258	.00155	.80747
37	49	13	4.7348	.00071	.90212	38	36	25	2.6212	.00224	.72534
37	50	12	5.8485	.00037	.94375	38	37	24	2.0530	.00303	.63470
37	51	11	7.0985	.00017	.97145	38	38	23	1.6212	.00383	.54777
37	52	10	8.4848	.00007	.98604	38	39	22	1.3258	.00452	.47974
37	53	9	10.0076	.00003	.99351	38	40	21	1.1667	.00497	.45115
37	54	8	11.6667	.00001	.99706	38	41	20	1.1439	.00509	.44127
37	55	7	13.4621	.00000	.99883	38	42	19	1.2576	.00485	.47060
37	56	6	15.3939	.00000	.99958	38	43	18	1.5076	.00428	.53158
37	57	5	17.4621	.00000	.99984	38	44	17	1.8939	.00350	.60145
37	58	4	19.6667	.00000	.99994	38	45	16	2.4167	.00265	.70782
37	59	3	22.0076	.00000	.99998	38	46	15	3.0758	.00184	.78558
37	60	2	24.4848	.00000	.99999	38	47	14	3.8712	.00118	.86017
37	61	1	27.0985	.00000	.99999	38	48	13	4.8030	.00069	.91191
37	62	0	29.8485	.00000	.99999	38	49	12	5.8712	.00036	.94524
38	0	61	113.8939	.00000	.99999	38	50	11	7.0758	.00017	.97094
38	1	60	108.4167	.00000	.99999	38	51	10	8.4167	.00008	.98501
38	2	59	103.0758	.00000	.99999	38	52	9	9.8939	.00003	.99326
38	3	58	97.8712	.00000	.99999	38	53	8	11.5076	.00001	.99675
38	4	57	92.8030	.00000	.99999	38	54	7	13.2576	.00000	.99865
38	5	56	87.8712	.00000	.99999	38	55	6	15.1439	.00000	.99950
38	6	55	83.0758	.00000	.99999	38	56	5	17.1667	.00000	.99982
38	7	54	78.4167	.00000	.99999	38	57	4	19.3258	.00000	.99993
38	8	53	73.8939	.00000	.99999	38	58	3	21.6212	.00000	.99997
38	9	52	69.5076	.00000	.99999	38	59	2	24.0530	.00000	.99999
38	10	51	65.2576	.00000	.99999	38	60	1	26.6212	.00000	.99999
38	11	50	61.1439	.00000	.99999	38	61	0	29.3258	.00000	.99999
38	12	49	57.1667	.00000	.99999	39	0	60	110.7273	.00000	.99999
38	13	48	53.3258	.00000	.99999	39	1	59	105.3409	.00000	.99999

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
39	2	58	100.0909	.00000	.99999	39	52	8	11.4545	.00001	.99662
39	3	57	94.9773	.00000	.99999	39	53	7	13.1591	.00000	.99852
39	4	56	90.0000	.00000	.99999	39	54	6	15.0000	.00000	.99947
39	5	55	85.1591	.00000	.99999	39	55	5	16.9773	.00000	.99979
39	6	54	80.4545	.00000	.99999	39	56	4	19.0909	.00000	.99992
39	7	53	75.8864	.00000	.99999	39	57	3	21.3409	.00000	.99997
39	8	52	71.4545	.00000	.99999	39	58	2	23.7273	.00000	.99998
39	9	51	67.1591	.00000	.99999	39	59	1	26.2500	.00000	.99999
39	10	50	63.0000	.00000	.99999	39	60	0	28.9091	.00000	.99999
39	11	49	58.9773	.00000	.99999	40	0	59	107.7121	.00000	.99999
39	12	48	55.0909	.00000	.99999	40	1	58	102.4167	.00000	.99999
39	13	47	51.3409	.00000	.99999	40	2	57	97.2576	.00000	.99999
39	14	46	47.7273	.00000	.99999	40	3	56	92.2348	.00000	.99999
39	15	45	44.2500	.00000	.99999	40	4	55	87.3485	.00000	.99999
39	16	44	40.9091	.00000	.99999	40	5	54	82.5985	.00000	.99999
39	17	43	37.7045	.00000	.99999	40	6	53	77.9848	.00000	.99999
39	18	42	34.6364	.00000	.99999	40	7	52	73.5076	.00000	.99999
39	19	41	31.7045	.00000	.99999	40	8	51	69.1667	.00000	.99999
39	20	40	28.9091	.00000	.99999	40	9	50	64.9621	.00000	.99999
39	21	39	26.2500	.00000	.99999	40	10	49	60.8939	.00000	.99999
39	22	38	23.7273	.00000	.99998	40	11	48	56.9621	.00000	.99999
39	23	37	21.3409	.00000	.99997	40	12	47	53.1667	.00000	.99999
39	24	36	19.0909	.00000	.99992	40	13	46	49.5076	.00000	.99999
39	25	35	16.9773	.00000	.99979	40	14	45	45.9848	.00000	.99999
39	26	34	15.0000	.00000	.99946	40	15	44	42.5985	.00000	.99999
39	27	33	13.1591	.00001	.99853	40	16	43	39.3485	.00000	.99999
39	28	32	11.4545	.00002	.99665	40	17	42	36.2348	.00000	.99999
39	29	31	9.8864	.00005	.99293	40	18	41	33.2576	.00000	.99999
39	30	30	8.4545	.00011	.98564	40	19	40	30.4167	.00000	.99999
39	31	29	7.1591	.00021	.97327	40	20	39	27.7121	.00000	.99999
39	32	28	6.0000	.00039	.95239	40	21	38	25.1439	.00000	.99999
39	33	27	4.9773	.00066	.92121	40	22	37	22.7121	.00000	.99998
39	34	26	4.0909	.00108	.87094	40	23	36	20.4167	.00000	.99996
39	35	25	3.3409	.00155	.81422	40	24	35	18.2576	.00000	.99989
39	36	24	2.7273	.00216	.73938	40	25	34	16.2348	.00000	.99969
39	37	23	2.2500	.00286	.67692	40	26	33	14.3485	.00001	.99923
39	38	22	1.9091	.00339	.61178	40	27	32	12.5985	.00001	.99821
39	39	21	1.7045	.00382	.57903	40	28	31	10.9848	.00003	.99608
39	40	20	1.6364	.00401	.55584	40	29	30	9.5076	.00006	.99178
39	41	19	1.7045	.00391	.58669	40	30	29	8.1667	.00012	.98324
39	42	18	1.9091	.00354	.60846	40	31	28	6.9621	.00023	.96886
39	43	17	2.2500	.00296	.68285	40	32	27	5.8939	.00041	.94663
39	44	16	2.7273	.00224	.74407	40	33	26	4.9621	.00067	.91809
39	45	15	3.3409	.00163	.81094	40	34	25	4.1667	.00102	.87447
39	46	14	4.0909	.00106	.86489	40	35	24	3.5076	.00146	.82726
39	47	13	4.9773	.00063	.91955	40	36	23	2.9848	.00194	.77776
39	48	12	6.0000	.00034	.95200	40	37	22	2.5985	.00241	.72066
39	49	11	7.1591	.00017	.97222	40	38	21	2.3485	.00279	.69423
39	50	10	8.4545	.00007	.98553	40	39	20	2.2348	.00301	.66549
39	51	9	9.8864	.00003	.99287	40	40	19	2.2576	.00301	.68869

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
40	41	18	2.4167	.00279	.70517	41	31	27	6.9167	.00024	.96830
40	42	17	2.7121	.00239	.73561	41	32	26	5.9394	.00040	.94938
40	43	16	3.1439	.00189	.79705	41	33	25	5.0985	.00063	.92396
40	44	15	3.7121	.00137	.83595	41	34	24	4.3939	.00093	.88938
40	45	14	4.4167	.00092	.89333	41	35	23	3.8258	.00128	.85536
40	46	13	5.2576	.00056	.92796	41	36	22	3.3939	.00163	.82101
40	47	12	6.2348	.00031	.95707	41	37	21	3.0985	.00194	.79333
40	48	11	7.3485	.00015	.97576	41	38	20	2.9394	.00215	.77387
40	49	10	8.5985	.00007	.98692	41	39	19	2.9167	.00220	.76150
40	50	9	9.9848	.00003	.99339	41	40	18	3.0303	.00209	.78191
40	51	8	11.5076	.00001	.99674	41	41	17	3.2803	.00184	.80429
40	52	7	13.1667	.00000	.99859	41	42	16	3.6667	.00149	.83037
40	53	6	14.9621	.00000	.99943	41	43	15	4.1894	.00111	.87902
40	54	5	16.8939	.00000	.99977	41	44	14	4.8485	.00075	.91358
40	55	4	18.9621	.00000	.99991	41	45	13	5.6439	.00047	.94362
40	56	3	21.1667	.00000	.99997	41	46	12	6.5758	.00027	.96280
40	57	2	23.5076	.00000	.99998	41	47	11	7.6439	.00014	.97659
40	58	1	25.9848	.00000	.99999	41	48	10	8.8485	.00006	.98791
40	59	0	28.5985	.00000	.99999	41	49	9	10.1894	.00003	.99369
41	0	58	104.8485	.00000	.99999	41	50	8	11.6667	.00001	.99705
41	1	57	99.6439	.00000	.99999	41	51	7	13.2803	.00000	.99869
41	2	56	94.5758	.00000	.99999	41	52	6	15.0303	.00000	.99946
41	3	55	89.6439	.00000	.99999	41	53	5	16.9167	.00000	.99978
41	4	54	84.8485	.00000	.99999	41	54	4	18.9394	.00000	.99991
41	5	53	80.1894	.00000	.99999	41	55	3	21.0985	.00000	.99996
41	6	52	75.6667	.00000	.99999	41	56	2	23.3939	.00000	.99998
41	7	51	71.2803	.00000	.99999	41	57	1	25.8258	.00000	.99999
41	8	50	67.0303	.00000	.99999	41	58	0	28.3939	.00000	.99999
41	9	49	62.9167	.00000	.99999	42	0	57	102.1364	.00000	.99999
41	10	48	58.9394	.00000	.99999	42	1	56	97.1227	.00000	.99999
41	11	47	55.0985	.00000	.99999	42	2	55	92.0455	.00000	.99999
41	12	46	51.3939	.00000	.99999	42	3	54	87.2045	.00000	.99999
41	13	45	47.8258	.00000	.99999	42	4	53	82.5000	.00000	.99999
41	14	44	44.3939	.00000	.99999	42	5	52	77.9318	.00000	.99999
41	15	43	41.0985	.00000	.99999	42	6	51	73.5000	.00000	.99999
41	16	42	37.9394	.00000	.99999	42	7	50	69.2045	.00000	.99999
41	17	41	34.9167	.00000	.99999	42	8	49	65.0455	.00000	.99999
41	18	40	32.0303	.00000	.99999	42	9	48	61.0227	.00000	.99999
41	19	39	29.2803	.00000	.99999	42	10	47	57.1364	.00000	.99999
41	20	38	26.6667	.00000	.99999	42	11	46	53.3864	.00000	.99999
41	21	37	24.1894	.00000	.99999	42	12	45	49.7727	.00000	.99999
41	22	36	21.8485	.00000	.99998	42	13	44	46.2955	.00000	.99999
41	23	35	19.6439	.00000	.99994	42	14	43	42.9545	.00000	.99999
41	24	34	17.5758	.00000	.99985	42	15	42	39.7500	.00000	.99999
41	25	33	15.6439	.00000	.99961	42	16	41	36.6818	.00000	.99999
41	26	32	13.8485	.00001	.99909	42	17	40	33.7500	.00000	.99999
41	27	31	12.1894	.00001	.99796	42	18	39	30.9545	.00000	.99999
41	28	30	10.6667	.00003	.99548	42	19	38	28.2955	.00000	.99999
41	29	29	9.2803	.00007	.99094	42	20	37	25.7727	.00000	.99999
41	30	28	8.0303	.00013	.98180	42	21	36	23.3864	.00000	.99998

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
42	22	35	21.1364	.00000	.99997	43	14	42	41.6667	.00000	.99999
42	23	34	19.0227	.00000	.99992	43	15	41	38.5530	.00000	.99999
42	24	33	17.0455	.00000	.99980	43	16	40	35.5758	.00000	.99999
42	25	32	15.2045	.00000	.99951	43	17	39	32.7348	.00000	.99999
42	26	31	13.5000	.00001	.99886	43	18	38	30.0303	.00000	.99999
42	27	30	11.9318	.00002	.99742	43	19	37	27.4621	.00000	.99999
42	28	29	10.5000	.00004	.99514	43	20	36	25.0303	.00000	.99999
42	29	28	9.2045	.00007	.99036	43	21	35	22.7348	.00000	.99998
42	30	27	8.0455	.00013	.98243	43	22	34	20.5758	.00000	.99996
42	31	26	7.0227	.00023	.97016	43	23	33	18.5530	.00000	.99990
42	32	25	6.1364	.00037	.95587	43	24	32	16.6667	.00000	.99975
42	33	24	5.3864	.00057	.93175	43	25	31	14.9167	.00000	.99941
42	34	23	4.7727	.00083	.90472	43	26	30	13.3030	.00001	.99872
42	35	22	4.2955	.00105	.88446	43	27	29	11.8258	.00002	.99728
42	36	21	3.9545	.00128	.86419	43	28	28	10.4848	.00004	.99484
42	37	20	3.7500	.00146	.84309	43	29	27	9.2803	.00007	.99071
42	38	19	3.6818	.00153	.83328	43	30	26	8.2121	.00012	.98366
42	39	18	3.7500	.00149	.84163	43	31	25	7.2803	.00021	.97491
42	40	17	3.9545	.00134	.86291	43	32	24	6.4848	.00033	.96984
42	41	16	4.2955	.00112	.88341	43	33	23	5.8258	.00047	.94290
42	42	15	4.7727	.00083	.91792	43	34	22	5.3030	.00064	.92934
42	43	14	5.3864	.00055	.93298	43	35	21	4.9167	.00081	.91520
42	44	13	6.1364	.00036	.95599	43	36	20	4.6667	.00094	.89895
42	45	12	7.0227	.00022	.96993	43	37	19	4.5530	.00102	.89538
42	46	11	8.0455	.00011	.98211	43	38	18	4.5758	.00102	.89721
42	47	10	9.2045	.00005	.99023	43	39	17	4.7348	.00094	.90067
42	48	9	10.5000	.00002	.99511	43	40	16	5.0303	.00080	.92268
42	49	8	11.9318	.00001	.99751	43	41	15	5.4621	.00062	.93421
42	50	7	13.5000	.00000	.99887	43	42	14	6.0303	.00044	.95388
42	51	6	15.2045	.00000	.99951	43	43	13	6.7348	.00029	.96541
42	52	5	17.0455	.00000	.99982	43	44	12	7.5758	.00017	.97747
42	53	4	19.0227	.00000	.99992	43	45	11	8.5530	.00009	.98656
42	54	3	21.1364	.00000	.99997	43	46	10	9.6667	.00004	.99223
42	55	2	23.3864	.00000	.99998	43	47	9	10.9167	.00002	.99600
42	56	1	25.7727	.00000	.99999	43	48	8	12.3030	.00001	.99799
42	57	0	28.2955	.00000	.99999	43	49	7	13.8258	.00000	.99907
43	0	56	99.5758	.00000	.99999	43	50	6	15.4848	.00000	.99959
43	1	55	94.5530	.00000	.99999	43	51	5	17.2803	.00000	.99983
43	2	54	89.6667	.00000	.99999	43	52	4	19.2121	.00000	.99993
43	3	53	84.9167	.00000	.99999	43	53	3	21.2803	.00000	.99997
43	4	52	80.3030	.00000	.99999	43	54	2	23.4848	.00000	.99998
43	5	51	75.8258	.00000	.99999	43	55	1	25.8258	.00000	.99999
43	6	50	71.4848	.00000	.99999	43	56	0	28.3030	.00000	.99999
43	7	49	67.2803	.00000	.99999	44	0	55	97.1667	.00000	.99999
43	8	48	63.2121	.00000	.99999	44	1	54	92.2348	.00000	.99999
43	9	47	59.2803	.00000	.99999	44	2	53	87.4394	.00000	.99999
43	10	46	55.4848	.00000	.99999	44	3	52	82.7803	.00000	.99999
43	11	45	51.8258	.00000	.99999	44	4	51	78.2576	.00000	.99999
43	12	44	48.3030	.00000	.99999	44	5	50	73.8712	.00000	.99999
43	13	43	44.9167	.00000	.99999	44	6	49	69.6212	.00000	.99999

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
44	7	48	65.5076	.00000	.99999	45	1	53	90.0682	.00000	.99999
44	8	47	61.5303	.00000	.99999	45	2	52	85.3636	.00000	.99999
44	9	46	57.6894	.00000	.99999	45	3	51	80.7955	.00000	.99999
44	10	45	53.9848	.00000	.99999	45	4	50	76.3636	.00000	.99999
44	11	44	50.4167	.00000	.99999	45	5	49	72.0682	.00000	.99999
44	12	43	46.9848	.00000	.99999	45	6	48	67.9091	.00000	.99999
44	13	42	43.6894	.00000	.99999	45	7	47	63.8864	.00000	.99999
44	14	41	40.5303	.00000	.99999	45	8	46	60.0000	.00000	.99999
44	15	40	37.5076	.00000	.99999	45	9	45	56.2500	.00000	.99999
44	16	39	34.6212	.00000	.99999	45	10	44	52.6364	.00000	.99999
44	17	38	31.8712	.00000	.99999	45	11	43	49.1591	.00000	.99999
44	18	37	29.2576	.00000	.99999	45	12	42	45.8182	.00000	.99999
44	19	36	26.7803	.00000	.99999	45	13	41	42.6136	.00000	.99999
44	20	35	24.4394	.00000	.99999	45	14	40	39.5455	.00000	.99999
44	21	34	22.2348	.00000	.99998	45	15	39	36.6136	.00000	.99999
44	22	33	20.1667	.00000	.99995	45	16	38	33.8182	.00000	.99999
44	23	32	18.2348	.00000	.99988	45	17	37	31.1591	.00000	.99999
44	24	31	16.4394	.00000	.99973	45	18	36	28.6364	.00000	.99999
44	25	30	14.7803	.00000	.99934	45	19	35	26.2500	.00000	.99999
44	26	29	13.2576	.00001	.99865	45	20	34	24.0000	.00000	.99998
44	27	28	11.8712	.00002	.99738	45	21	33	21.8864	.00000	.99998
44	28	27	10.6212	.00003	.99541	45	22	32	19.9091	.00000	.99994
44	29	26	9.5076	.00006	.99172	45	23	31	18.0682	.00000	.99987
44	30	25	8.5303	.00011	.98634	45	24	30	16.3636	.00000	.99969
44	31	24	7.6894	.00018	.97926	45	25	29	14.7955	.00000	.99937
44	32	23	6.9848	.00027	.96945	45	26	28	13.3636	.00001	.99879
44	33	22	6.4167	.00037	.95947	45	27	27	12.0682	.00002	.99778
44	34	21	5.9848	.00048	.95038	45	28	26	10.9091	.00003	.99587
44	35	20	5.6894	.00056	.94197	45	29	25	9.8864	.00006	.99284
44	36	19	5.5303	.00064	.93679	45	30	24	9.0000	.00009	.98916
44	37	18	5.5076	.00066	.93656	45	31	23	8.2500	.00014	.98424
44	38	17	5.6212	.00062	.93993	45	32	22	7.6364	.00020	.97811
44	39	16	5.8712	.00054	.94488	45	33	21	7.1591	.00027	.97276
44	40	15	6.2576	.00043	.95797	45	34	20	6.8182	.00034	.96665
44	41	14	6.7803	.00032	.96604	45	35	19	6.6136	.00038	.96397
44	42	13	7.4394	.00021	.97626	45	36	18	6.5455	.00041	.96160
44	43	12	8.2348	.00013	.98395	45	37	17	6.6136	.00039	.96358
44	44	11	9.1667	.00007	.99037	45	38	16	6.8182	.00035	.96725
44	45	10	10.2348	.00003	.99417	45	39	15	7.1591	.00029	.97365
44	46	9	11.4394	.00001	.99657	45	40	14	7.6364	.00022	.97791
44	47	8	12.7803	.00001	.99828	45	41	13	8.2500	.00015	.98453
44	48	7	14.2576	.00000	.99921	45	42	12	9.0000	.00009	.98935
44	49	6	15.8712	.00000	.99966	45	43	11	9.8864	.00005	.99279
44	50	5	17.6212	.00000	.99985	45	44	10	10.9091	.00003	.99593
44	51	4	19.5076	.00000	.99994	45	45	9	12.0682	.00001	.99776
44	52	3	21.5303	.00000	.99997	45	46	8	13.3636	.00000	.99877
44	53	2	23.6894	.00000	.99998	45	47	7	14.7955	.00000	.99937
44	54	1	25.9848	.00000	.99999	45	48	6	16.3636	.00000	.99969
44	55	0	28.4167	.00000	.99999	45	49	5	18.0682	.00000	.99987
45	0	54	94.9091	.00000	.99999	45	50	4	19.9091	.00000	.99994

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
45	51	3	21.6864	.00000	.99998	46	46	7	15.4394	.00000	.99959
45	52	2	24.0000	.00000	.99998	46	47	6	16.9621	.00000	.99979
45	53	1	26.2500	.00000	.99999	46	48	5	18.6212	.00000	.99990
45	54	0	28.6364	.00000	.99999	46	49	4	20.4167	.00000	.99996
46	0	53	92.8030	.00000	.99999	46	50	3	22.3485	.00000	.99998
46	1	52	88.0530	.00000	.99999	46	51	2	24.4167	.00000	.99999
46	2	51	83.4394	.00000	.99999	46	52	1	26.6212	.00000	.99999
46	3	50	78.9621	.00000	.99999	46	53	0	28.9621	.00000	.99999
46	4	49	74.6212	.00000	.99999	47	0	52	90.8485	.00000	.99999
46	5	48	70.4167	.00000	.99999	47	1	51	86.1894	.00000	.99999
46	6	47	66.3485	.00000	.99999	47	2	50	81.6667	.00000	.99999
46	7	46	62.4167	.00000	.99999	47	3	49	77.2803	.00000	.99999
46	8	45	58.6212	.00000	.99999	47	4	48	73.0303	.00000	.99999
46	9	44	54.9621	.00000	.99999	47	5	47	68.9167	.00000	.99999
46	10	43	51.4394	.00000	.99999	47	6	46	64.9394	.00000	.99999
46	11	42	48.0530	.00000	.99999	47	7	45	61.0985	.00000	.99999
46	12	41	44.8030	.00000	.99999	47	8	44	57.3939	.00000	.99999
46	13	40	41.6894	.00000	.99999	47	9	43	53.8258	.00000	.99999
46	14	39	38.7121	.00000	.99999	47	10	42	50.3939	.00000	.99999
46	15	38	35.8712	.00000	.99999	47	11	41	47.0985	.00000	.99999
46	16	37	33.1667	.00000	.99999	47	12	40	43.9394	.00000	.99999
46	17	36	30.5985	.00000	.99999	47	13	39	40.9167	.00000	.99999
46	18	35	28.1667	.00000	.99999	47	14	38	38.0303	.00000	.99999
46	19	34	25.8712	.00000	.99999	47	15	37	35.2803	.00000	.99999
46	20	33	23.7121	.00000	.99998	47	16	36	32.6667	.00000	.99999
46	21	32	21.6894	.00000	.99997	47	17	35	30.1894	.00000	.99999
46	22	31	19.8030	.00000	.99994	47	18	34	27.8485	.00000	.99999
46	23	30	18.0530	.00000	.99987	47	19	33	25.6439	.00000	.99999
46	24	29	16.4394	.00000	.99973	47	20	32	23.5758	.00000	.99998
46	25	28	14.9621	.00000	.99942	47	21	31	21.6439	.00000	.99997
46	26	27	13.6212	.00001	.99899	47	22	30	19.8485	.00000	.99994
46	27	26	12.4167	.00001	.99811	47	23	29	18.1894	.00000	.99988
46	28	25	11.3485	.00003	.99653	47	24	28	16.6667	.00000	.99975
46	29	24	10.4167	.00004	.99458	47	25	27	15.2803	.00000	.99953
46	30	23	9.6212	.00007	.99203	47	26	26	14.0303	.00001	.99914
46	31	22	8.9621	.00011	.98898	47	27	25	12.9167	.00001	.99842
46	32	21	8.4394	.00015	.98535	47	28	24	11.9394	.00002	.99769
46	33	20	8.0530	.00019	.98281	47	29	23	11.0985	.00003	.99623
46	34	19	7.8030	.00022	.98019	47	30	22	10.3939	.00005	.99449
46	35	18	7.6894	.00024	.97938	47	31	21	9.8258	.00007	.99257
46	36	17	7.7121	.00024	.97983	47	32	20	9.3939	.00010	.99130
46	37	16	7.8712	.00022	.98090	47	33	19	9.0985	.00012	.98976
46	38	15	8.1667	.00018	.98312	47	34	18	8.9394	.00013	.98860
46	39	14	8.5985	.00014	.98685	47	35	17	8.9167	.00014	.98840
46	40	13	9.1667	.00010	.98993	47	36	16	9.0303	.00013	.98957
46	41	12	9.8712	.00006	.99268	47	37	15	9.2803	.00011	.99064
46	42	11	10.7121	.00004	.99557	47	38	14	9.6667	.00009	.99218
46	43	10	11.6894	.00002	.99718	47	39	13	10.1894	.00006	.99367
46	44	9	12.8030	.00001	.99835	47	40	12	10.8485	.00004	.99580
46	45	8	14.0530	.00000	.99917	47	41	11	11.6439	.00002	.99697

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
47	42	10	12.5758	.00001	.99818	48	39	12	11.9318	.00003	.99747
47	43	9	13.6439	.00001	.99901	48	40	11	12.6818	.00002	.99824
47	44	8	14.8485	.00000	.99939	48	41	10	13.5682	.00001	.99894
47	45	7	16.1894	.00000	.99968	48	42	9	14.5909	.00000	.99926
47	46	6	17.6667	.00000	.99985	48	43	8	15.7500	.00000	.99962
47	47	5	19.2803	.00000	.99993	48	44	7	17.0455	.00000	.99980
47	48	4	21.0303	.00000	.99996	48	45	6	18.4773	.00000	.99990
47	49	3	22.9167	.00000	.99998	48	46	5	20.0455	.00000	.99995
47	50	2	24.9394	.00000	.99999	48	47	4	21.7500	.00000	.99997
47	51	1	27.0985	.00000	.99999	48	48	3	23.5909	.00000	.99998
47	52	0	29.3939	.00000	.99999	48	49	2	25.5682	.00000	.99999
48	0	51	89.0455	.00000	.99999	48	50	1	27.6818	.00000	.99999
48	1	50	84.4773	.00000	.99999	48	51	0	29.9318	.00000	.99999
48	2	49	80.0455	.00000	.99999	49	0	50	87.3939	.00000	.99999
48	3	48	75.7500	.00000	.99999	49	1	49	82.9167	.00000	.99999
48	4	47	71.5909	.00000	.99999	49	2	48	78.5758	.00000	.99999
48	5	46	67.5682	.00000	.99999	49	3	47	74.3712	.00000	.99999
48	6	45	63.6818	.00000	.99999	49	4	46	70.3030	.00000	.99999
48	7	44	59.9318	.00000	.99999	49	5	45	66.3712	.00000	.99999
48	8	43	56.3182	.00000	.99999	49	6	44	62.5758	.00000	.99999
48	9	42	52.8409	.00000	.99999	49	7	43	58.9167	.00000	.99999
48	10	41	49.5000	.00000	.99999	49	8	42	55.3939	.00000	.99999
48	11	40	46.2955	.00000	.99999	49	9	41	52.0076	.00000	.99999
48	12	39	43.2273	.00000	.99999	49	10	40	48.7576	.00000	.99999
48	13	38	40.2955	.00000	.99999	49	11	39	45.6439	.00000	.99999
48	14	37	37.5000	.00000	.99999	49	12	38	42.6667	.00000	.99999
48	15	36	34.8409	.00000	.99999	49	13	37	39.8258	.00000	.99999
48	16	35	32.3182	.00000	.99999	49	14	36	37.1212	.00000	.99999
48	17	34	29.9318	.00000	.99999	49	15	35	34.5530	.00000	.99999
48	18	33	27.6818	.00000	.99999	49	16	34	32.1212	.00000	.99999
48	19	32	25.5682	.00000	.99999	49	17	33	29.8258	.00000	.99999
48	20	31	23.5909	.00000	.99998	49	18	32	27.6667	.00000	.99999
48	21	30	21.7500	.00000	.99997	49	19	31	25.6439	.00000	.99999
48	22	29	20.0455	.00000	.99995	49	20	30	23.7576	.00000	.99998
48	23	28	18.4773	.00000	.99990	49	21	29	22.0076	.00000	.99998
48	24	27	17.0455	.00000	.99980	49	22	28	20.3939	.00000	.99996
48	25	26	15.7500	.00000	.99962	49	23	27	18.9167	.00000	.99991
48	26	25	14.5909	.00000	.99927	49	24	26	17.5758	.00000	.99984
48	27	24	13.5682	.00001	.99892	49	25	25	16.3712	.00000	.99970
48	28	23	12.6818	.00002	.99825	49	26	24	15.3030	.00000	.99954
48	29	22	11.9318	.00002	.99753	49	27	23	14.3712	.00001	.99924
48	30	21	11.3182	.00004	.99642	49	28	22	13.5758	.00001	.99876
48	31	20	10.8409	.00005	.99566	49	29	21	12.9167	.00002	.99846
48	32	19	10.5000	.00006	.99503	49	30	20	12.3939	.00002	.99809
48	33	18	10.2955	.00007	.99438	49	31	19	12.0076	.00003	.99774
48	34	17	10.2273	.00007	.99389	49	32	18	11.7576	.00004	.99725
48	35	16	10.2955	.00007	.99431	49	33	17	11.6439	.00004	.99694
48	36	15	10.5000	.00006	.99497	49	34	16	11.6667	.00004	.99704
48	37	14	10.8409	.00005	.99574	49	35	15	11.8258	.00004	.99734
48	38	13	11.3182	.00004	.99648	49	36	14	12.1212	.00003	.99790

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TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9)   N=99

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
49	37	13	12.5530	.00002	.99815	50	36	13	13.8939	.00001	.99913
49	38	12	13.1212	.00002	.99848	50	37	12	14.4167	.00001	.99926
49	39	11	13.8258	.00001	.99906	50	38	11	15.0758	.00001	.99950
49	40	10	14.6667	.00001	.99930	50	39	10	15.8712	.00000	.99966
49	41	9	15.6439	.00000	.99960	50	40	9	16.8030	.00000	.99977
49	42	8	16.7576	.00000	.99975	50	41	8	17.8712	.00000	.99986
49	43	7	18.0076	.00000	.99987	50	42	7	19.0758	.00000	.99992
49	44	6	19.3939	.00000	.99993	50	43	6	20.4167	.00000	.99996
49	45	5	20.9167	.00000	.99996	50	44	5	21.8939	.00000	.99998
49	46	4	22.5758	.00000	.99998	50	45	4	23.5076	.00000	.99998
49	47	3	24.3712	.00000	.99999	50	46	3	25.2576	.00000	.99999
49	48	2	26.3030	.00000	.99999	50	47	2	27.1439	.00000	.99999
49	49	1	28.3712	.00000	.99999	50	48	1	29.1667	.00000	.99999
49	50	0	30.5758	.00000	.99999	50	49	0	31.3258	.00000	.99999
50	0	49	85.8939	.00000	.99999	51	0	48	84.5455	.00000	.99999
50	1	48	81.5076	.00000	.99999	51	1	47	80.2500	.00000	.99999
50	2	47	77.2576	.00000	.99999	51	2	46	76.0909	.00000	.99999
50	3	46	73.1439	.00000	.99999	51	3	45	72.0682	.00000	.99999
50	4	45	69.1667	.00000	.99999	51	4	44	68.1818	.00000	.99999
50	5	44	65.3258	.00000	.99999	51	5	43	64.4318	.00000	.99999
50	6	43	61.6212	.00000	.99999	51	6	42	60.8182	.00000	.99999
50	7	42	58.0530	.00000	.99999	51	7	41	57.3409	.00000	.99999
50	8	41	54.6212	.00000	.99999	51	8	40	54.0000	.00000	.99999
50	9	40	51.3258	.00000	.99999	51	9	39	50.7955	.00000	.99999
50	10	39	48.1667	.00000	.99999	51	10	38	47.7273	.00000	.99999
50	11	38	45.1439	.00000	.99999	51	11	37	44.7955	.00000	.99999
50	12	37	42.2576	.00000	.99999	51	12	36	42.0000	.00000	.99999
50	13	36	39.5076	.00000	.99999	51	13	35	39.3409	.00000	.99999
50	14	35	36.8939	.00000	.99999	51	14	34	36.8182	.00000	.99999
50	15	34	34.4167	.00000	.99999	51	15	33	34.4318	.00000	.99999
50	16	33	32.0758	.00000	.99999	51	16	32	32.1818	.00000	.99999
50	17	32	29.8712	.00000	.99999	51	17	31	30.0682	.00000	.99999
50	18	31	27.8030	.00000	.99999	51	18	30	28.0909	.00000	.99999
50	19	30	25.8712	.00000	.99999	51	19	29	26.2500	.00000	.99999
50	20	29	24.0758	.00000	.99999	51	20	28	24.5455	.00000	.99999
50	21	28	22.4167	.00000	.99998	51	21	27	22.9773	.00000	.99998
50	22	27	20.8939	.00000	.99996	51	22	26	21.5455	.00000	.99997
50	23	26	19.5076	.00000	.99994	51	23	25	20.2500	.00000	.99995
50	24	25	18.2576	.00000	.99989	51	24	24	19.0909	.00000	.99992
50	25	24	17.1439	.00000	.99981	51	25	23	18.0682	.00000	.99987
50	26	23	16.1667	.00000	.99968	51	26	22	17.1818	.00000	.99983
50	27	22	15.3258	.00000	.99955	51	27	21	16.4318	.00000	.99972
50	28	21	14.6212	.00001	.99929	51	28	20	15.8182	.00000	.99965
50	29	20	14.0530	.00001	.99916	51	29	19	15.3409	.00001	.99956
50	30	19	13.6212	.00001	.99898	51	30	18	15.0000	.00001	.99945
50	31	18	13.3258	.00002	.99876	51	31	17	14.7955	.00001	.99936
50	32	17	13.1667	.00002	.99858	51	32	16	14.7273	.00001	.99932
50	33	16	13.1439	.00002	.99851	51	33	15	14.7955	.00001	.99935
50	34	15	13.2576	.00002	.99864	51	34	14	15.0000	.00001	.99945
50	35	14	13.5076	.00002	.99891	51	35	13	15.3409	.00001	.99956

TABLE C

U	V	W	X2	P(A)	CUM P(C)	U	V	W	X2	P(A)	CUM P(C)
51	36	12	15.8182	.00000	.99965	52	37	10	18.5985	.00000	.99990
51	37	11	16.4318	.00000	.99972	52	38	9	19.4394	.00000	.99994
51	38	10	17.1818	.00000	.99983	52	39	8	20.4167	.00000	.99996
51	39	9	18.0682	.00000	.99987	52	40	7	21.5303	.00000	.99997
51	40	8	19.0909	.00000	.99992	52	41	6	22.7803	.00000	.99998
51	41	7	20.2500	.00000	.99995	52	42	5	24.1667	.00000	.99999
51	42	6	21.5455	.00000	.99997	52	43	4	25.6894	.00000	.99999
51	43	5	22.9773	.00000	.99998	52	44	3	27.3485	.00000	.99999
51	44	4	24.5455	.00000	.99999	52	45	2	29.1439	.00000	.99999
51	45	3	26.2500	.00000	.99999	52	46	1	31.0758	.00000	.99999
51	46	2	28.0909	.00000	.99999	52	47	0	33.1439	.00000	.99999
51	47	1	30.0682	.00000	.99999	53	0	46	82.3030	.00000	.99999
51	48	0	32.1818	.00000	.99999	53	1	45	78.1894	.00000	.99999
52	0	47	83.3485	.00000	.99999	53	2	44	74.2121	.00000	.99999
52	1	46	79.1439	.00000	.99999	53	3	43	70.3712	.00000	.99999
52	2	45	75.0758	.00000	.99999	53	4	42	66.6667	.00000	.99999
52	3	44	71.1439	.00000	.99999	53	5	41	63.0985	.00000	.99999
52	4	43	67.3485	.00000	.99999	53	6	40	59.6667	.00000	.99999
52	5	42	63.6894	.00000	.99999	53	7	39	56.3712	.00000	.99999
52	6	41	60.1667	.00000	.99999	53	8	38	53.2121	.00000	.99999
52	7	40	56.7803	.00000	.99999	53	9	37	50.1894	.00000	.99999
52	8	39	53.5303	.00000	.99999	53	10	36	47.3030	.00000	.99999
52	9	38	50.4167	.00000	.99999	53	11	35	44.5530	.00000	.99999
52	10	37	47.4394	.00000	.99999	53	12	34	41.9394	.00000	.99999
52	11	36	44.5985	.00000	.99999	53	13	33	39.4621	.00000	.99999
52	12	35	41.8939	.00000	.99999	53	14	32	37.1212	.00000	.99999
52	13	34	39.3258	.00000	.99999	53	15	31	34.9167	.00000	.99999
52	14	33	36.8939	.00000	.99999	53	16	30	32.8485	.00000	.99999
52	15	32	34.5985	.00000	.99999	53	17	29	30.9167	.00000	.99999
52	16	31	32.4394	.00000	.99999	53	18	28	29.1212	.00000	.99999
52	17	30	30.4167	.00000	.99999	53	19	27	27.4621	.00000	.99999
52	18	29	28.5303	.00000	.99999	53	20	26	25.9394	.00000	.99999
52	19	28	26.7803	.00000	.99999	53	21	25	24.5530	.00000	.99999
52	20	27	25.1667	.00000	.99999	53	22	24	23.3030	.00000	.99998
52	21	26	23.6894	.00000	.99998	53	23	23	22.1894	.00000	.99998
52	22	25	22.3485	.00000	.99998	53	24	22	21.2121	.00000	.99997
52	23	24	21.1439	.00000	.99997	53	25	21	20.3712	.00000	.99996
52	24	23	20.0758	.00000	.99995	53	26	20	19.6667	.00000	.99994
52	25	22	19.1439	.00000	.99993	53	27	19	19.0985	.00000	.99993
52	26	21	18.3485	.00000	.99989	53	28	18	18.6667	.00000	.99991
52	27	20	17.6894	.00000	.99986	53	29	17	18.3712	.00000	.99989
52	28	19	17.1667	.00000	.99982	53	30	16	18.2121	.00000	.99988
52	29	18	16.7803	.00000	.99976	53	31	15	18.1894	.00000	.99988
52	30	17	16.5303	.00000	.99974	53	32	14	18.3030	.00000	.99989
52	31	16	16.4167	.00000	.99971	53	33	13	18.5530	.00000	.99990
52	32	15	16.4394	.00000	.99972	53	34	12	18.9394	.00000	.99991
52	33	14	16.5985	.00000	.99974	53	35	11	19.4621	.00000	.99994
52	34	13	16.8939	.00000	.99977	53	36	10	20.1212	.00000	.99995
52	35	12	17.3258	.00000	.99984	53	37	9	20.9167	.00000	.99996
52	36	11	17.8939	.00000	.99987	53	38	8	21.8485	.00000	.99998

TABLE C

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9)   N=99

U	V	W	X2	P(A)	CUM P(C)
53	39	7	22.9167	.00000	.99998
53	40	6	24.1212	.00000	.99999
53	41	5	25.4621	.00000	.99999
53	42	4	26.9394	.00000	.99999
53	43	3	28.5530	.00000	.99999
53	44	2	30.3030	.00000	.99999
53	45	1	32.1894	.00000	.99999
53	46	0	34.2121	.00000	.99999
54	0	45	81.4091	.00000	.99999
54	1	44	77.3864	.00000	.99999
54	2	43	73.5000	.00000	.99999
54	3	42	69.7500	.00000	.99999
54	4	41	66.1364	.00000	.99999
54	5	40	62.6591	.00000	.99999
54	6	39	59.3182	.00000	.99999
54	7	38	56.1136	.00000	.99999
54	8	37	53.0455	.00000	.99999
54	9	36	50.1136	.00000	.99999
54	10	35	47.3182	.00000	.99999
54	11	34	44.6591	.00000	.99999
54	12	33	42.1364	.00000	.99999
54	13	32	39.7500	.00000	.99999
54	14	31	37.5000	.00000	.99999
54	15	30	35.3864	.00000	.99999
54	16	29	33.4091	.00000	.99999
54	17	28	31.5682	.00000	.99999
54	18	27	29.8636	.00000	.99999
54	19	26	28.2955	.00000	.99999
54	20	25	26.8636	.00000	.99999
54	21	24	25.5682	.00000	.99999
54	22	23	24.4091	.00000	.99999
54	23	22	23.3864	.00000	.99998
54	24	21	22.5000	.00000	.99998
54	25	20	21.7500	.00000	.99997
54	26	19	21.1364	.00000	.99997
54	27	18	20.6591	.00000	.99996
54	28	17	20.3182	.00000	.99996
54	29	16	20.1136	.00000	.99995
54	30	15	20.0455	.00000	.99995
54	31	14	20.1136	.00000	.99995
54	32	13	20.3182	.00000	.99996
54	33	12	20.6591	.00000	.99996
54	34	11	21.1364	.00000	.99997
54	35	10	21.7500	.00000	.99997

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
33	44	22	0.0000	.00880	.00880	35	46	18	.9394	.00564	.36228
32	45	22	.0530	.00860	.01739	34	47	18	.9621	.00560	.36788
33	45	21	.0682	.00860	.02599	30	49	20	1.0227	.00551	.37340
34	43	22	.0530	.00854	.03453	29	45	25	.9167	.00549	.37889
34	44	21	.0758	.00854	.04307	31	42	26	.9394	.00544	.38433
32	44	23	.0758	.00841	.05148	36	45	18	1.0227	.00541	.38974
33	43	23	.0682	.00841	.05989	32	41	26	.9621	.00536	.39509
32	46	21	.1667	.00823	.06812	31	49	19	1.0985	.00533	.40043
35	43	21	.1894	.00805	.07617	33	48	18	1.0909	.00529	.40572
34	42	23	.1667	.00798	.08415	29	49	21	1.0985	.00525	.41097
31	45	23	.1894	.00798	.09212	30	43	26	1.0227	.00523	.41620
31	46	22	.2121	.00798	.10010	36	39	24	1.0227	.00511	.42131
34	45	20	.2348	.00797	.10807	38	41	20	1.1439	.00509	.42640
35	42	22	.2121	.00787	.11593	33	40	26	1.0909	.00499	.43139
33	46	20	.2727	.00785	.12379	37	39	23	1.0985	.00497	.43636
32	43	24	.2348	.00771	.13150	38	40	21	1.1667	.00497	.44133
35	44	20	.3030	.00768	.13918	37	44	18	1.2121	.00493	.44626
33	42	24	.2727	.00754	.14672	28	48	23	1.1667	.00491	.45118
31	44	24	.3030	.00748	.15419	28	47	24	1.1439	.00491	.45609
31	47	21	.3712	.00747	.16166	35	39	25	1.0985	.00491	.46100
32	47	20	.4167	.00735	.16901	38	42	19	1.2576	.00485	.46585
36	42	21	.4091	.00721	.17622	29	44	26	1.2121	.00476	.47060
35	41	23	.3712	.00718	.18340	32	49	18	1.3258	.00475	.47535
30	46	23	.4091	.00717	.19057	28	46	25	1.2576	.00462	.47997
36	43	20	.4773	.00704	.19761	28	49	22	1.3258	.00461	.48458
30	47	22	.4773	.00701	.20463	38	39	22	1.3258	.00452	.48910
34	41	24	.4167	.00698	.21161	30	50	19	1.5000	.00441	.49351
34	46	19	.5303	.00693	.21854	29	50	20	1.4848	.00441	.49792
36	41	22	.4773	.00688	.22542	34	39	26	1.3258	.00440	.50232
30	45	24	.4773	.00687	.23229	35	47	17	1.4621	.00432	.50664
35	45	19	.5530	.00683	.23912	38	43	18	1.5076	.00428	.51093
33	47	19	.6136	.00668	.24580	31	41	27	1.4621	.00423	.51516
32	42	25	.5303	.00663	.25244	36	46	17	1.5000	.00423	.51939
31	43	25	.5530	.00658	.25902	34	48	17	1.5303	.00420	.52359
31	48	20	.6667	.00653	.26555	30	42	27	1.5000	.00417	.52776
30	48	21	.6818	.00643	.27198	28	45	26	1.5076	.00409	.53184
36	44	19	.6818	.00640	.27838	32	40	27	1.5303	.00407	.53591
33	41	25	.6136	.00633	.28471	28	50	21	1.6212	.00406	.53997
30	44	25	.6818	.00618	.29089	31	50	18	1.6667	.00405	.54402
37	42	20	.7576	.00614	.29703	37	38	24	1.4848	.00404	.54806
37	41	21	.7348	.00614	.30317	39	40	20	1.6364	.00401	.55207
36	40	23	.6818	.00613	.30931	36	38	25	1.5000	.00399	.55606
35	40	24	.6667	.00613	.31544	37	45	17	1.6439	.00395	.56001
32	48	19	.8030	.00613	.32157	39	41	19	1.7045	.00391	.56392
29	47	23	.7348	.00610	.32767	33	49	17	1.7045	.00389	.56781
29	46	24	.7576	.00597	.33364	29	43	27	1.6439	.00387	.57168
29	48	22	.8485	.00585	.33948	38	38	23	1.6212	.00383	.57551
34	40	25	.8030	.00573	.34521	27	48	24	1.6364	.00382	.57933
37	40	22	.8485	.00572	.35093	39	39	21	1.7045	.00382	.58315
37	43	19	.9167	.00571	.35664	27	49	23	1.7045	.00374	.58690

(1)

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
33	39	27	1.7045	.00370	.59060	32	51	16	2.7803	.00228	.73756
35	38	26	1.6667	.00368	.59428	30	52	17	2.8636	.00227	.73983
27	47	25	1.7045	.00367	.59795	27	44	28	2.7273	.00227	.74210
39	42	18	1.9091	.00354	.60149	38	36	25	2.6212	.00224	.74434
38	44	17	1.8939	.00350	.60499	26	46	27	2.7121	.00221	.74655
29	51	19	2.0076	.00346	.60845	30	40	29	2.8636	.00221	.74876
27	50	22	1.9091	.00344	.61189	41	39	19	2.9167	.00220	.75096
32	50	17	1.9848	.00342	.61531	37	36	26	2.6667	.00219	.75315
28	44	27	1.8939	.00340	.61872	34	37	28	2.7803	.00216	.75531
39	38	22	1.9091	.00339	.62211	39	36	24	2.7273	.00216	.75746
28	51	20	2.0530	.00334	.62545	29	41	29	2.9167	.00215	.75962
27	46	26	1.9091	.00332	.62876	41	38	20	2.9394	.00215	.76177
30	51	18	2.1136	.00329	.63205	31	39	29	2.9167	.00214	.76390
34	38	27	1.9848	.00318	.63523	41	40	18	3.0303	.00209	.76599
30	41	28	2.1136	.00312	.63835	26	52	21	2.9848	.00206	.76805
31	40	28	2.1212	.00310	.64145	36	48	15	2.8636	.00204	.77009
37	37	25	2.0076	.00307	.64452	35	49	15	2.9167	.00200	.77209
35	48	16	2.1212	.00306	.64759	36	36	27	2.8636	.00200	.77409
36	47	16	2.1136	.00306	.65065	37	47	15	2.9167	.00199	.77607
38	37	24	2.0530	.00303	.65368	28	42	29	3.0758	.00198	.77806
40	39	20	2.2348	.00301	.65669	32	38	29	3.0758	.00195	.78001
40	40	19	2.2576	.00301	.65970	25	49	25	2.9167	.00195	.78196
29	42	28	2.2121	.00298	.66267	25	50	24	2.9394	.00195	.78390
27	51	21	2.2500	.00297	.66564	41	37	21	3.0985	.00194	.78585
39	43	17	2.2500	.00296	.66861	40	36	23	2.9848	.00194	.78779
37	46	16	2.2121	.00292	.67152	40	43	16	3.1439	.00189	.78968
34	49	16	2.2348	.00292	.67444	31	52	16	3.2121	.00187	.79155
36	37	26	2.1136	.00291	.67735	34	50	15	3.0758	.00187	.79341
32	39	28	2.2348	.00291	.68026	28	53	18	3.3258	.00184	.79526
31	51	17	2.3712	.00286	.68312	38	46	15	3.0758	.00184	.79710
27	45	27	2.2500	.00282	.68594	41	41	17	3.2803	.00184	.79894
26	49	24	2.2348	.00281	.68875	25	48	26	3.0303	.00183	.80077
39	37	23	2.2500	.00280	.69155	25	51	23	3.0985	.00183	.80260
40	38	21	2.3485	.00279	.69434	26	45	28	3.1439	.00182	.80442
40	41	18	2.4167	.00279	.69713	27	53	19	3.3409	.00181	.80623
26	48	25	2.2576	.00275	.69988	27	43	29	3.3409	.00172	.80795
26	50	23	2.3485	.00270	.70258	29	53	17	3.4621	.00172	.80967
28	43	28	2.4167	.00268	.70525	35	36	28	3.2121	.00171	.81138
38	45	16	2.4167	.00265	.70790	33	37	29	3.3409	.00169	.81307
33	50	16	2.4545	.00264	.71055	33	51	15	3.3409	.00166	.81472
35	37	27	2.3712	.00259	.71314	41	36	22	3.3939	.00163	.81636
33	38	28	2.4545	.00257	.71571	25	47	27	3.2803	.00163	.81799
28	52	19	2.6212	.00257	.71828	26	53	20	3.5076	.00163	.81962
26	47	26	2.4167	.00254	.72082	39	45	15	3.3409	.00163	.82125
29	52	18	2.6667	.00253	.72335	25	52	22	3.3939	.00162	.82287
26	51	22	2.5985	.00243	.72578	39	35	25	3.3409	.00155	.82442
40	37	22	2.5985	.00241	.72819	38	35	26	3.3258	.00155	.82597
27	52	20	2.7273	.00240	.73059	42	38	19	3.6818	.00153	.82751
40	42	17	2.7121	.00239	.73298	42	39	18	3.7500	.00149	.82900
39	44	16	2.7273	.00229	.73528	41	42	16	3.6667	.00149	.83049

(2)

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
30	39	30	3.7500	.00147	.83196	24	47	28	4.2955	.00097	.89268
29	40	30	3.7576	.00147	.83343	33	52	14	4.3636	.00096	.89364
30	53	16	3.7500	.00146	.83489	29	39	31	4.7348	.00095	.89459
37	35	27	3.4621	.00146	.83635	43	36	20	4.6667	.00094	.89553
42	37	20	3.7500	.00146	.83781	43	39	17	4.7348	.00094	.89647
40	35	24	3.5076	.00146	.83926	41	34	24	4.3939	.00093	.89740
26	44	29	3.7121	.00141	.84067	30	38	31	4.7727	.00093	.89833
32	52	15	3.7121	.00140	.84207	28	40	31	4.8030	.00092	.89924
31	38	30	3.8485	.00139	.84346	40	45	14	4.4167	.00092	.90016
28	41	30	3.8712	.00139	.84485	37	34	28	4.3939	.00091	.90107
34	36	29	3.7121	.00138	.84623	30	54	15	4.7727	.00086	.90194
40	44	15	3.7121	.00137	.84760	31	37	31	4.9167	.00085	.90279
25	46	28	3.6667	.00137	.84897	42	42	15	4.7727	.00085	.90364
25	53	21	3.8258	.00135	.85032	27	41	31	4.9773	.00084	.90447
42	40	17	3.9545	.00134	.85166	27	55	17	4.9773	.00083	.90531
24	50	25	3.6818	.00130	.85296	26	55	18	4.9621	.00083	.90614
36	35	28	3.7500	.00128	.85424	24	54	21	4.7727	.00083	.90697
42	36	21	3.9545	.00128	.85553	34	35	30	4.7803	.00083	.90780
41	35	23	3.8258	.00128	.85680	23	51	25	4.5530	.00081	.90861
27	54	18	4.0909	.00127	.85808	25	44	30	4.8485	.00081	.90943
24	51	24	3.7500	.00127	.85935	43	35	21	4.9167	.00081	.91023
36	49	14	3.7500	.00125	.86060	42	34	23	4.7727	.00080	.91103
24	49	26	3.7500	.00125	.86185	23	50	26	4.5758	.00080	.91183
37	48	14	3.7576	.00124	.86309	43	40	16	5.0303	.00080	.91263
32	37	30	4.0530	.00124	.86433	32	53	14	4.7803	.00079	.91342
27	42	30	4.0909	.00123	.86556	24	46	29	4.7727	.00079	.91421
28	54	17	4.1667	.00123	.86679	23	52	24	4.6667	.00078	.91499
26	54	19	4.1667	.00121	.86800	36	34	29	4.7727	.00077	.91577
35	50	14	3.8485	.00120	.86920	25	55	19	5.0985	.00076	.91653
38	47	14	3.8712	.00118	.87037	28	55	16	5.1439	.00076	.91729
24	52	23	3.9545	.00117	.87155	41	44	14	4.8485	.00075	.91804
24	48	27	3.9545	.00113	.87268	23	49	27	4.7348	.00074	.91878
31	53	15	4.1894	.00113	.87381	32	36	31	5.1667	.00074	.91952
42	41	16	4.2955	.00112	.87492	26	42	31	5.2576	.00072	.92024
41	43	15	4.1894	.00111	.87603	23	53	23	4.9167	.00071	.92094
34	51	14	4.0530	.00110	.87713	37	49	13	4.7348	.00071	.92165
25	45	29	4.1894	.00109	.87821	36	50	13	4.7727	.00070	.92235
29	54	16	4.3939	.00108	.87929	38	48	13	4.8030	.00069	.92304
39	46	14	4.0909	.00106	.88036	40	33	26	4.9621	.00067	.92370
35	35	29	4.1894	.00106	.88142	35	51	13	4.9167	.00066	.92436
42	35	22	4.2955	.00105	.88247	44	37	18	5.5076	.00066	.92502
25	54	20	4.3939	.00105	.88352	39	33	27	4.9773	.00066	.92568
39	34	26	4.0909	.00105	.88456	23	48	28	5.0303	.00065	.92633
33	36	30	4.3636	.00104	.88560	44	36	19	5.5303	.00064	.92697
26	43	30	4.4167	.00103	.88663	43	34	22	5.3030	.00064	.92761
24	53	22	4.2955	.00102	.88765	24	55	20	5.3864	.00063	.92824
40	34	25	4.1667	.00102	.88867	41	33	25	5.0985	.00063	.92888
43	37	19	4.5530	.00102	.88969	39	47	13	4.9773	.00063	.92951
43	38	18	4.5758	.00102	.89071	29	55	15	5.4621	.00063	.93014
38	34	27	4.1667	.00101	.89171	31	54	14	5.3030	.00063	.93077

(3)

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
44	38	17	5.6212	.00062	.93139	45	37	17	6.6136	.00039	.95641
43	41	15	5.4621	.00062	.93201	25	42	32	6.5758	.00039	.95680
35	34	30	5.3030	.00062	.93263	39	32	28	6.0000	.00039	.95719
38	33	28	5.1439	.00061	.93324	45	35	19	6.6136	.00038	.95758
23	54	22	5.3030	.00060	.93385	42	44	13	6.1364	.00038	.95795
33	35	31	5.5227	.00060	.93445	42	32	25	6.1364	.00037	.95833
24	45	30	5.3864	.00060	.93505	44	33	22	6.4167	.00037	.95870
42	43	14	5.3864	.00059	.93565	37	50	12	5.8485	.00037	.95907
34	52	13	5.1667	.00059	.93624	38	49	12	5.8712	.00036	.95943
29	38	32	5.8485	.00058	.93682	23	56	20	6.4848	.00036	.95979
25	43	31	5.6439	.00058	.93739	36	51	12	5.9318	.00036	.96015
44	35	20	5.6894	.00058	.93797	45	38	16	6.8182	.00035	.96050
28	39	32	5.8712	.00057	.93854	38	32	29	6.2576	.00035	.96085
42	33	24	5.3864	.00057	.93911	39	48	12	6.0000	.00034	.96119
40	46	13	5.2576	.00056	.93967	22	48	29	6.2576	.00034	.96154
30	37	32	5.9318	.00055	.94022	35	33	31	6.5530	.00034	.96187
44	39	16	5.8712	.00054	.94076	28	38	33	7.0758	.00034	.96221
26	56	17	5.8939	.00054	.94130	29	56	14	6.6667	.00034	.96255
27	40	32	6.0000	.00054	.94183	22	55	22	6.4167	.00034	.96289
23	47	29	5.4621	.00054	.94237	45	34	20	6.8182	.00034	.96322
37	33	29	5.4621	.00053	.94290	29	37	33	7.0985	.00033	.96356
25	56	18	5.9394	.00052	.94342	33	34	32	6.8182	.00033	.96389
27	56	16	6.0000	.00051	.94393	35	52	12	6.1212	.00033	.96422
33	53	13	5.5227	.00051	.94443	25	57	17	6.9167	.00033	.96454
31	36	32	6.1212	.00049	.94492	43	32	24	6.4848	.00033	.96487
23	55	21	5.8258	.00048	.94541	27	39	33	7.1591	.00032	.96519
44	34	21	5.9848	.00048	.94589	26	57	16	6.9621	.00032	.96551
22	51	26	5.5076	.00048	.94637	31	55	13	6.5530	.00032	.96583
22	52	25	5.5303	.00048	.94685	44	41	14	6.7803	.00032	.96615
43	33	23	5.8258	.00047	.94732	23	45	31	6.7348	.00031	.96646
30	55	14	5.9318	.00047	.94779	40	47	12	6.2348	.00031	.96677
26	41	32	6.2348	.00047	.94826	30	36	33	7.2273	.00031	.96708
41	45	13	5.6439	.00047	.94873	24	57	18	7.0227	.00030	.96738
34	34	31	5.9848	.00047	.94920	24	43	32	7.0227	.00030	.96768
22	50	27	5.6212	.00045	.94965	37	32	30	6.6667	.00029	.96798
22	53	24	5.6894	.00045	.95011	26	40	33	7.3485	.00029	.96827
24	56	19	6.1364	.00045	.95056	45	39	15	7.1591	.00029	.96856
43	42	14	6.0303	.00044	.95100	34	53	12	6.4167	.00029	.96885
36	33	30	5.9318	.00044	.95144	43	43	13	6.7348	.00029	.96914
24	44	31	6.1364	.00044	.95188	27	57	15	7.1591	.00028	.96942
44	40	15	6.2576	.00043	.95232	22	47	30	6.7803	.00027	.96970
28	56	15	6.2576	.00043	.95275	45	33	21	7.1591	.00027	.96997
23	46	30	6.0303	.00042	.95317	21	52	26	6.5455	.00027	.97024
32	35	32	6.4167	.00042	.95358	31	35	33	7.4621	.00027	.97051
32	54	13	5.9848	.00041	.95400	44	32	23	6.9848	.00027	.97077
40	32	27	5.8939	.00041	.95440	21	53	25	6.6136	.00027	.97104
45	36	18	6.5455	.00041	.95481	41	46	12	6.5758	.00027	.97130
22	49	28	5.8712	.00040	.95521	22	56	21	6.9848	.00026	.97157
22	54	23	5.9848	.00040	.95562	21	51	27	6.6136	.00026	.97183
41	32	26	5.9394	.00040	.95602	23	57	19	7.2803	.00025	.97208

(4)

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
34	33	32	7.3258	.00025	.97233	36	52	11	7.2273	.00016	.98244
25	41	33	7.6439	.00025	.97258	30	35	34	8.6591	.00016	.98260
21	54	24	6.8182	.00025	.97283	40	48	11	7.3485	.00015	.98275
33	54	12	6.8182	.00024	.97307	37	31	31	8.0076	.00015	.98291
41	31	27	6.9167	.00024	.97331	22	45	32	8.2348	.00015	.98306
46	35	18	7.6894	.00024	.97355	35	53	11	7.4621	.00015	.98320
46	36	17	7.7121	.00024	.97378	25	40	34	8.8485	.00015	.98335
21	50	28	6.8182	.00024	.97402	45	41	13	8.2500	.00015	.98350
30	56	13	7.2273	.00024	.97426	31	56	12	7.9394	.00015	.98365
36	32	31	7.2273	.00023	.97449	27	58	14	8.4545	.00015	.98380
40	31	28	6.9621	.00023	.97472	46	32	21	8.4394	.00015	.98394
42	31	26	7.0227	.00023	.97495	23	43	33	8.5530	.00015	.98409
28	57	14	7.5076	.00023	.97518	20	53	26	7.6894	.00014	.98423
32	34	33	7.8030	.00022	.97540	45	31	23	8.2530	.00014	.98438
46	34	19	7.8030	.00022	.97562	46	39	14	8.5985	.00014	.98452
46	37	16	7.8712	.00022	.97584	20	52	27	7.7121	.00014	.98466
23	44	32	7.5758	.00022	.97606	31	34	34	8.9394	.00014	.98480
42	45	12	7.0227	.00022	.97628	20	54	25	7.8030	.00014	.98493
45	40	14	7.6364	.00022	.97649	47	35	17	8.9167	.00014	.98507
21	55	23	7.1591	.00021	.97671	21	57	21	8.2500	.00014	.98521
39	31	29	7.1591	.00021	.97692	41	47	11	7.6439	.00014	.98534
44	42	13	7.4394	.00021	.97714	22	58	19	8.5303	.00013	.98548
43	31	25	7.2803	.00021	.97734	47	34	18	8.9394	.00013	.98561
22	46	31	7.4394	.00021	.97755	42	30	27	8.0455	.00013	.98574
21	49	29	7.1591	.00020	.97776	41	30	28	8.0303	.00013	.98587
45	32	22	7.6364	.00020	.97796	20	51	28	7.8712	.00013	.98600
24	42	33	8.0455	.00020	.97816	21	47	31	8.2500	.00013	.98613
22	57	20	7.6894	.00020	.97835	47	36	16	9.0303	.00013	.98626
32	55	12	7.3258	.00019	.97855	34	54	11	7.8030	.00013	.98639
25	58	16	8.0303	.00019	.97874	44	43	12	8.2348	.00013	.98652
28	37	34	8.4167	.00019	.97893	20	55	24	8.0530	.00013	.98665
24	58	17	8.0455	.00019	.97911	40	30	29	8.1667	.00012	.98677
46	33	20	8.0530	.00019	.97930	43	30	26	8.2121	.00012	.98689
27	38	34	8.4545	.00019	.97949	34	32	33	8.8258	.00012	.98702
38	31	30	7.5076	.00019	.97967	24	41	34	9.2045	.00012	.98714
46	38	15	8.1667	.00018	.97986	47	33	19	9.0985	.00012	.98726
29	36	34	8.4848	.00018	.98004	36	31	32	8.6591	.00012	.98737
44	31	24	7.6894	.00018	.98022	20	50	29	8.1667	.00011	.98749
26	58	15	8.1667	.00018	.98039	42	46	11	8.0455	.00011	.98760
21	56	22	7.6364	.00018	.98057	47	37	15	9.2803	.00011	.98771
35	32	32	7.9394	.00018	.98074	39	30	30	8.4545	.00011	.98783
38	50	11	7.0758	.00017	.98092	28	58	13	8.8939	.00011	.98794
37	51	11	7.0985	.00017	.98109	44	30	25	8.5303	.00011	.98805
26	39	34	8.5985	.00017	.98126	32	33	34	9.3258	.00011	.98816
43	44	12	7.5758	.00017	.98144	24	59	16	9.2045	.00011	.98826
33	33	33	8.2500	.00017	.98161	30	57	12	8.6591	.00011	.98837
39	49	11	7.1591	.00017	.98177	20	56	23	8.4394	.00011	.98848
21	48	30	7.6364	.00017	.98194	46	31	22	8.9621	.00011	.98859
23	58	18	8.2121	.00017	.98211	33	55	11	8.2500	.00011	.98869
29	57	13	8.0076	.00017	.98227	25	59	15	9.2803	.00010	.98880

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
23	59	17	9.2803	.00010	.98890	21	45	33	9.8864	.00007	.99295
22	44	33	9.1667	.00010	.98900	22	43	34	10.2348	.00007	.99301
27	37	35	9.8864	.00010	.98910	20	58	21	9.6212	.00007	.99308
28	36	35	9.8939	.00010	.98920	48	36	15	10.5000	.00006	.99314
46	40	13	9.1667	.00010	.98930	44	29	26	9.5076	.00006	.99321
21	58	20	9.0000	.00010	.98940	47	39	13	10.1894	.00006	.99327
47	32	20	9.3939	.00010	.98950	46	41	12	9.8712	.00006	.99333
26	38	35	9.9848	.00010	.98959	31	57	11	9.4621	.00006	.99340
20	49	30	8.5985	.00010	.98969	40	29	30	9.5076	.00006	.99346
21	46	32	9.0000	.00010	.98978	41	48	10	8.8485	.00006	.99352
29	35	35	10.0076	.00009	.98988	48	32	19	10.5000	.00006	.99358
38	30	31	8.8939	.00009	.98997	35	54	10	8.9394	.00006	.99364
23	42	34	9.6667	.00009	.99006	19	51	29	9.2803	.00006	.99370
45	42	12	9.0000	.00009	.99015	19	56	24	9.3939	.00006	.99376
45	30	24	9.0000	.00009	.99024	34	31	34	10.4167	.00006	.99382
43	45	11	8.5530	.00009	.99034	24	60	15	10.5000	.00006	.99388
26	59	14	9.5076	.00009	.99043	23	60	16	10.4848	.00006	.99394
47	38	14	9.6667	.00009	.99051	20	47	32	9.6712	.00006	.99399
20	57	22	8.9621	.00009	.99060	23	41	35	10.9167	.00006	.99405
22	59	18	9.5076	.00009	.99069	45	29	25	9.8864	.00006	.99410
25	39	35	10.1894	.00009	.99077	36	30	33	10.2273	.00005	.99416
35	31	33	9.4621	.00008	.99086	39	29	31	9.8864	.00005	.99421
32	56	11	8.8030	.00008	.99094	42	47	10	9.2045	.00005	.99426
33	32	34	9.8182	.00008	.99102	47	30	22	10.3939	.00005	.99432
30	34	35	10.2273	.00008	.99110	48	37	14	10.8409	.00005	.99437
20	48	31	9.1667	.00008	.99118	22	60	17	10.6212	.00005	.99442
38	51	10	8.4167	.00008	.99126	27	36	36	11.4545	.00005	.99447
48	34	17	10.2273	.00007	.99133	32	32	35	10.9848	.00005	.99452
47	31	21	9.8258	.00007	.99141	25	60	14	10.6667	.00005	.99458
29	58	12	9.4848	.00007	.99148	34	55	10	9.3258	.00005	.99463
39	50	10	8.4545	.00007	.99155	45	43	11	9.8864	.00005	.99468
37	52	10	8.4848	.00007	.99163	19	50	30	9.6667	.00005	.99473
37	30	32	9.4848	.00007	.99170	26	37	36	11.5076	.00005	.99478
48	35	16	10.2955	.00007	.99177	19	57	23	9.8258	.00005	.99483
46	30	23	9.6212	.00007	.99184	28	35	36	11.5076	.00005	.99488
24	40	35	10.5000	.00007	.99192	48	31	20	10.8409	.00005	.99493
48	33	18	10.2955	.00007	.99199	28	59	12	10.4167	.00005	.99498
42	29	28	9.2045	.00007	.99206	20	59	20	10.4167	.00005	.99503
19	53	27	8.9167	.00007	.99213	25	38	36	11.6667	.00005	.99507
19	54	26	8.9394	.00007	.99220	29	34	36	11.6667	.00005	.99512
44	44	11	9.1667	.00007	.99227	46	29	24	10.4167	.00004	.99516
27	59	13	9.8864	.00007	.99234	30	58	11	10.2273	.00004	.99521
40	49	10	8.5985	.00007	.99241	21	44	34	10.9091	.00004	.99525
43	29	27	9.2803	.00007	.99248	43	46	10	9.6667	.00004	.99529
36	53	10	8.6591	.00007	.99254	38	29	32	10.4167	.00004	.99534
41	29	29	9.2803	.00007	.99261	21	60	18	10.9391	.00004	.99538
31	33	35	10.5530	.00007	.99268	26	60	13	10.9848	.00004	.99542
19	52	28	9.0303	.00007	.99275	33	56	10	9.8182	.00004	.99546
21	59	19	9.8864	.00007	.99281	47	40	12	10.8485	.00004	.99550
19	55	25	9.0985	.00007	.99288	19	49	31	10.1894	.00004	.99555

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
22	42	35	11.4394	.00004	.99559	48	39	12	11.9318	.00003	.99720
20	46	33	10.7121	.00004	.99563	45	44	10	10.9091	.00003	.99723
21	56	22	10.3939	.00004	.99567	41	49	9	10.1894	.00003	.99726
24	39	36	11.9318	.00004	.99571	18	51	30	10.8409	.00003	.99728
49	34	16	11.6667	.00004	.99574	36	54	9	10.2273	.00003	.99731
49	33	17	11.6439	.00004	.99578	27	35	37	13.1591	.00003	.99733
35	30	34	11.1212	.00004	.99582	26	36	37	13.1667	.00003	.99736
48	38	13	11.3182	.00004	.99586	21	61	17	12.0682	.00002	.99738
30	33	36	11.9318	.00004	.99590	48	29	22	11.9318	.00002	.99741
33	31	35	11.5227	.00004	.99594	39	28	32	11.4545	.00002	.99743
48	30	21	11.3182	.00004	.99597	36	29	34	11.9318	.00002	.99746
46	42	11	10.7121	.00004	.99601	47	41	11	11.6439	.00002	.99748
43	28	28	10.9848	.00004	.99605	25	61	13	12.1894	.00002	.99750
49	32	18	11.7576	.00004	.99608	31	58	10	11.1212	.00002	.99753
49	35	15	11.8258	.00004	.99612	28	34	37	13.2576	.00002	.99755
42	28	29	10.5000	.00004	.99615	25	37	37	13.2803	.00002	.99757
47	29	23	11.0985	.00003	.99619	22	41	36	12.7803	.00002	.99760
44	45	10	10.2348	.00003	.99622	49	30	20	12.3939	.00002	.99762
44	28	27	10.6212	.00003	.99625	32	31	36	12.7803	.00002	.99764
37	29	33	11.0985	.00003	.99629	19	47	33	11.6439	.00002	.99767
18	54	27	10.2273	.00003	.99632	49	37	13	12.5530	.00002	.99769
41	28	30	10.6667	.00003	.99635	42	48	9	10.5000	.00002	.99771
18	55	26	10.2955	.00003	.99639	35	55	9	10.5530	.00002	.99773
32	57	10	10.4167	.00003	.99642	18	58	23	11.3182	.00002	.99776
18	53	28	10.2955	.00003	.99645	18	50	31	11.3182	.00002	.99778
20	43	36	12.3030	.00003	.99648	29	33	37	13.4621	.00002	.99780
19	48	32	10.8485	.00003	.99651	19	60	20	11.9394	.00002	.99782
20	60	19	11.3485	.00003	.99655	47	28	24	11.9394	.00002	.99784
31	32	36	12.3030	.00003	.99658	24	38	37	13.5000	.00002	.99786
45	28	26	10.9091	.00003	.99661	50	33	16	13.1439	.00002	.99788
27	60	12	11.4545	.00003	.99664	28	60	11	12.0758	.00002	.99790
18	56	25	10.5000	.00003	.99667	20	61	18	12.4167	.00002	.99792
23	61	15	11.8258	.00003	.99670	50	32	17	13.1667	.00002	.99794
29	59	11	11.0985	.00003	.99673	38	28	33	12.0758	.00002	.99796
49	31	19	12.0076	.00003	.99676	50	34	15	13.2576	.00002	.99798
19	59	21	11.0985	.00003	.99679	43	47	9	10.9167	.00002	.99799
49	36	14	12.1212	.00003	.99682	46	43	10	11.6894	.00002	.99801
18	52	29	10.5000	.00003	.99685	34	56	9	10.9848	.00002	.99803
40	28	31	10.9848	.00003	.99688	26	61	12	12.5985	.00002	.99805
39	51	9	9.8864	.00003	.99690	20	44	35	12.8030	.00002	.99807
38	52	9	9.8939	.00003	.99693	43	27	29	11.8258	.00002	.99808
22	61	16	11.8712	.00003	.99696	30	32	37	13.7727	.00002	.99810
24	61	14	11.9318	.00003	.99699	50	31	18	13.3258	.00002	.99812
40	50	9	9.9848	.00003	.99702	18	59	22	11.9318	.00002	.99814
37	53	9	10.0076	.00003	.99705	44	27	28	11.8712	.00002	.99815
21	43	35	12.0682	.00003	.99707	23	39	37	13.8258	.00002	.99817
20	45	34	11.6894	.00003	.99710	49	29	21	12.9167	.00002	.99819
18	57	24	10.8409	.00003	.99713	30	59	10	11.9318	.00002	.99820
46	28	25	11.3485	.00003	.99715	35	29	35	12.9167	.00002	.99822
34	30	35	12.1667	.00003	.99718	42	27	30	11.9318	.00002	.99824

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
21	42	36	13.3636	.00002	.99825	39	27	33	13.1591	.00001	.99890
18	49	32	11.9318	.00002	.99827	39	52	8	11.4545	.00001	.99891
33	30	36	13.3636	.00002	.99828	36	28	35	13.7727	.00001	.99892
50	35	14	13.5076	.00002	.99830	25	62	12	13.8485	.00001	.99893
45	27	27	12.0682	.00002	.99832	38	53	8	11.5076	.00001	.99894
19	46	34	12.5758	.00002	.99833	17	51	31	12.5530	.00001	.99895
48	28	23	12.6818	.00002	.99835	40	51	8	11.5076	.00001	.99896
48	40	11	12.6818	.00002	.99836	32	30	37	14.7121	.00001	.99897
49	38	12	13.1212	.00002	.99838	51	32	16	14.7273	.00001	.99898
22	62	15	13.2576	.00001	.99839	49	39	11	13.8258	.00001	.99899
41	27	31	12.1894	.00001	.99841	51	33	15	14.7955	.00001	.99900
44	46	9	11.4394	.00001	.99842	21	41	37	14.7955	.00001	.99901
33	57	9	11.5227	.00001	.99844	37	54	8	11.6667	.00001	.99902
23	62	14	13.3030	.00001	.99845	41	50	8	11.6667	.00001	.99903
17	55	27	11.6439	.00001	.99847	48	27	24	13.5682	.00001	.99904
37	28	34	12.8485	.00001	.99848	51	31	17	14.7955	.00001	.99905
17	54	28	11.6667	.00001	.99850	29	32	38	15.3939	.00001	.99906
46	27	26	12.4167	.00001	.99851	17	59	23	12.9167	.00001	.99906
50	30	19	13.6212	.00001	.99852	50	37	12	14.4167	.00001	.99907
17	56	26	11.7576	.00001	.99854	23	38	38	15.4848	.00001	.99908
21	62	16	13.3636	.00001	.99855	18	61	20	13.5682	.00001	.99909
19	61	19	12.9167	.00001	.99856	18	47	34	13.5682	.00001	.99910
31	31	37	14.1894	.00001	.99858	46	44	9	12.8030	.00001	.99911
17	53	29	11.8258	.00001	.99859	19	62	18	14.0303	.00001	.99912
22	40	37	14.2576	.00001	.99860	48	41	10	13.5682	.00001	.99912
24	62	13	13.5000	.00001	.99862	36	55	8	11.9318	.00001	.99913
17	57	25	12.0076	.00001	.99863	51	34	14	15.3030	.00001	.99914
40	27	32	12.5985	.00001	.99864	42	49	8	11.9318	.00001	.99915
47	42	10	12.5758	.00001	.99866	31	59	9	12.9167	.00001	.99916
18	60	21	12.6818	.00001	.99867	44	26	29	13.2576	.00001	.99916
50	36	13	13.8939	.00001	.99868	38	27	34	13.8712	.00001	.99917
18	48	33	12.6818	.00001	.99869	51	30	18	15.0000	.00001	.99918
26	35	38	14.9621	.00001	.99870	17	50	32	13.1212	.00001	.99919
27	61	11	13.1591	.00001	.99872	43	26	30	13.3030	.00001	.99920
17	52	30	12.1212	.00001	.99873	45	26	28	13.3636	.00001	.99920
27	34	38	15.0000	.00001	.99874	50	28	21	14.6212	.00001	.99921
47	27	25	12.9167	.00001	.99875	30	31	38	15.7530	.00001	.99922
25	36	38	15.0303	.00001	.99876	42	26	31	13.5000	.00001	.99923
45	45	9	12.0682	.00001	.99877	22	63	14	14.7803	.00001	.99923
20	62	17	13.6212	.00001	.99879	35	56	8	12.3030	.00001	.99924
32	58	9	12.1667	.00001	.99880	28	61	10	13.8712	.00001	.99925
29	60	10	12.8485	.00001	.99881	46	26	27	13.6212	.00001	.99925
17	58	24	12.3939	.00001	.99882	43	48	8	12.3030	.00001	.99926
49	28	22	13.5758	.00001	.99883	21	63	15	14.7955	.00001	.99927
34	29	36	14.0530	.00001	.99884	26	62	11	14.3485	.00001	.99927
20	43	36	14.0530	.00001	.99885	22	39	38	15.8712	.00001	.99928
28	33	38	15.1439	.00001	.99886	17	60	22	13.5758	.00001	.99929
50	29	20	14.0530	.00001	.99887	35	28	36	14.8485	.00001	.99930
19	45	35	13.6439	.00001	.99888	49	27	23	14.3712	.00001	.99930
24	37	38	15.2045	.00001	.99889	51	35	13	15.3409	.00001	.99931

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
33	24	37	15.3409	.00001	.99931	52	30	17	16.5303	.00000	.99957
23	63	13	14.9167	.00001	.99932	52	33	14	16.5985	.00000	.99958
19	44	36	14.8485	.00001	.99933	48	42	9	14.5909	.00000	.99958
41	26	32	13.8485	.00001	.99933	36	27	36	15.7500	.00000	.99959
23	42	37	15.4394	.00001	.99934	19	43	37	16.1894	.00000	.99959
51	29	19	13.3409	.00001	.99935	32	29	38	16.7803	.00000	.99959
43	63	16	14.9621	.00001	.99935	25	63	11	15.6439	.00000	.99960
47	26	26	14.0303	.00001	.99936	49	26	24	15.3030	.00000	.99960
17	49	33	13.8258	.00001	.99936	29	31	39	17.4621	.00000	.99961
47	43	9	13.6439	.00002	.99937	18	45	36	15.7500	.00000	.99961
15	56	27	13.1667	.00001	.99938	29	61	9	14.7348	.00000	.99961
15	55	28	13.1439	.00001	.99938	16	51	32	14.4167	.00000	.99962
34	57	8	12.7803	.00001	.99939	20	41	38	16.9621	.00000	.99962
15	46	35	14.5909	.00001	.99939	44	25	30	14.7803	.00000	.99962
44	47	8	12.7803	.00001	.99940	45	25	29	14.7955	.00000	.99963
37	27	35	14.7348	.00001	.99941	22	38	39	17.6212	.00000	.99963
18	62	19	14.5909	.00001	.99941	32	59	8	14.0530	.00000	.99963
15	54	29	13.2576	.00001	.99942	52	29	18	16.7803	.00000	.99964
15	57	26	13.3258	.00001	.99942	16	60	23	14.6212	.00000	.99964
53	38	11	13.0758	.00001	.99943	18	63	18	15.7500	.00000	.99964
33	60	9	13.7727	.00001	.99943	46	45	8	14.0530	.00000	.99965
31	30	38	16.2121	.00001	.99944	17	62	20	15.3030	.00000	.99965
26	34	39	15.8939	.00001	.99944	52	34	13	16.8939	.00000	.99965
23	35	39	16.9167	.00001	.99945	21	64	14	16.3636	.00000	.99966
24	63	12	13.2045	.00001	.99945	43	25	31	14.9167	.00000	.99966
43	26	33	14.3485	.00001	.99946	46	25	28	14.9621	.00000	.99966
40	40	16	14.6667	.00001	.99946	50	39	10	15.8712	.00000	.99967
27	33	39	15.9773	.00001	.99947	22	64	13	16.4394	.00000	.99967
21	40	38	16.3636	.00001	.99947	51	37	11	16.4318	.00000	.99967
16	53	30	13.5076	.00000	.99948	20	64	15	16.4394	.00000	.99968
15	58	25	13.6212	.00000	.99948	38	26	35	15.8030	.00000	.99968
17	61	21	14.3712	.00000	.99949	39	53	7	13.1591	.00000	.99968
24	36	39	17.0455	.00000	.99949	40	52	7	13.1667	.00000	.99968
49	26	25	14.5909	.00000	.99950	51	27	21	16.4318	.00000	.99969
19	63	17	15.2803	.00000	.99950	17	47	35	15.6439	.00000	.99969
51	36	12	15.8182	.00000	.99951	42	25	32	15.2045	.00000	.99969
50	27	22	15.3258	.00000	.99951	38	54	7	13.2576	.00000	.99970
35	56	8	13.3636	.00000	.99952	47	25	27	15.2803	.00000	.99970
28	32	39	17.1667	.00000	.99952	30	30	39	17.8636	.00000	.99970
51	26	20	15.8182	.00000	.99953	41	51	7	13.2803	.00000	.99970
43	46	8	13.3636	.00000	.99953	50	26	23	16.1667	.00000	.99971
52	32	15	16.4394	.00000	.99954	37	55	7	13.4621	.00000	.99971
52	31	16	16.4167	.00000	.99954	16	50	33	15.0758	.00000	.99971
15	52	31	13.8939	.00000	.99954	23	64	12	16.6667	.00000	.99972
17	48	34	14.6667	.00000	.99955	42	50	7	13.5000	.00000	.99972
23	37	39	17.2803	.00000	.99955	21	39	39	18.0682	.00000	.99972
27	62	10	15.0000	.00000	.99956	52	28	19	17.1667	.00000	.99972
34	28	37	16.0758	.00000	.99956	16	61	22	15.3258	.00000	.99973
15	59	24	14.0530	.00000	.99957	19	64	16	16.6667	.00000	.99973
39	26	34	[illegible]	.00000	.99957	44	41	9	15.6439	.00000	.99973

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
35	27	37	16.9167	.00000	.99973	34	58	7	14.7121	.00000	.99984
33	28	38	17.4545	.00000	.99974	53	33	13	16.5530	.00000	.99984
41	25	33	15.6439	.00000	.99974	50	40	9	16.8030	.00000	.99984
52	35	12	17.3258	.00000	.99974	34	27	38	16.2348	.00000	.99984
48	25	26	15.7500	.00000	.99974	45	47	7	14.7955	.00000	.99984
26	63	10	16.2348	.00000	.99975	39	25	35	16.4773	.00000	.99984
31	60	8	14.8485	.00000	.99975	15	60	24	15.8182	.00000	.99984
47	44	8	14.8485	.00000	.99975	50	25	24	17.1439	.00000	.99985
36	56	7	13.7727	.00000	.99976	29	30	41	19.6667	.00000	.99985
25	38	40	18.9394	.00000	.99976	45	24	30	16.3636	.00000	.99985
26	33	40	18.9621	.00000	.99976	15	52	32	16.8182	.00000	.99985
43	48	7	13.8258	.00000	.99976	36	26	37	17.8636	.00000	.99985
20	62	9	15.8030	.00000	.99976	34	28	39	18.9848	.00000	.99985
15	56	28	14.7273	.00000	.99976	26	63	14	18.0530	.00000	.99985
18	44	37	17.0455	.00000	.99977	21	65	13	18.2682	.00000	.99986
24	38	40	19.0227	.00000	.99977	44	24	31	16.4394	.00000	.99986
15	57	27	14.7955	.00000	.99977	46	24	29	16.4394	.00000	.99986
19	62	30	17.6667	.00000	.99977	53	26	18	18.6667	.00000	.99986
15	55	29	14.7955	.00000	.99978	18	65	15	16.8030	.00000	.99986
37	26	36	16.7576	.00000	.99978	27	63	9	16.9773	.00000	.99986
17	63	18	16.3712	.00000	.99978	25	64	18	17.5758	.00000	.99986
27	32	40	19.0909	.00000	.99978	47	24	28	16.6667	.00000	.99987
31	29	39	18.3712	.00000	.99978	14	63	34	16.4773	.00000	.99987
15	58	26	15.0000	.00000	.99979	43	24	32	16.6667	.00000	.99987
53	31	15	18.1894	.00000	.99979	15	64	20	17.5758	.00000	.99987
35	57	7	14.1894	.00000	.99979	21	38	40	19.9091	.00000	.99987
40	25	30	16.2348	.00000	.99979	48	25	30	16.1894	.00000	.99987
26	64	11	17.0455	.00000	.99979	22	65	12	16.2348	.00000	.99987
15	54	30	15.0000	.00000	.99980	33	59	7	15.3409	.00000	.99987
16	49	36	15.8712	.00000	.99980	53	34	12	15.4394	.00000	.99987
23	36	40	19.2121	.00000	.99980	16	63	20	17.1439	.00000	.99988
49	25	28	16.3712	.00000	.99980	17	45	37	16.4076	.00000	.99988
53	30	16	18.2121	.00000	.99980	15	61	23	16.4318	.00000	.99988
17	46	36	16.7576	.00000	.99980	19	41	39	19.2803	.00000	.99988
44	48	7	14.2576	.00000	.99981	44	46	7	15.4394	.00000	.99988
19	64	17	17.0455	.00000	.99981	52	26	21	18.3485	.00000	.99988
53	32	14	18.3030	.00000	.99981	46	26	27	17.0455	.00000	.99988
51	28	22	17.1818	.00000	.99981	15	51	33	16.4318	.00000	.99988
20	60	30	18.6212	.00000	.99981	42	24	33	17.0455	.00000	.99988
52	27	20	17.6894	.00000	.99982	38	25	36	17.4712	.00000	.99989
16	62	21	16.1667	.00000	.99982	49	42	8	16.7576	.00000	.99989
15	59	25	15.3409	.00000	.99982	30	29	40	20.1136	.00000	.99989
20	31	40	19.3258	.00000	.99982	50	62	8	16.7576	.00000	.99989
51	36	10	17.1818	.00000	.99982	51	25	23	18.3682	.00000	.99989
53	29	17	20.3712	.00000	.99982	53	27	19	19.2985	.00000	.99989
15	53	31	15.3409	.00000	.99983	18	65	16	16.4773	.00000	.99989
48	53	6	15.7500	.00000	.99983	52	37	10	19.5985	.00000	.99990
52	36	11	17.8939	.00000	.99983	23	65	11	19.5530	.00000	.99990
22	37	40	19.5076	.00000	.99983	25	33	41	21.0985	.00000	.99990
30	61	8	15.7500	.00000	.99983	24	34	41	21.1364	.00000	.99990

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
49	24	26	17.5758	.00000	.99990	15	63	21	18.0682	.00000	.99994
15	47	36	17.8712	.00000	.99990	19	40	40	21.0303	.00000	.99994
25	32	41	21.1667	.00000	.99990	15	49	35	18.0682	.00000	.99994
51	39	9	18.0682	.00000	.99990	48	44	7	17.0455	.00000	.99994
41	24	34	17.5758	.00000	.99990	14	60	25	17.1667	.00000	.99994
23	39	42	24.9167	.00000	.99990	29	64	13	19.8030	.00000	.99994
32	60	7	16.0758	.00000	.99990	16	46	37	19.0758	.00000	.99994
33	27	39	19.7045	.00000	.99990	21	37	41	21.8864	.00000	.99994
35	26	38	19.1212	.00000	.99991	36	57	6	15.7500	.00000	.99994
15	62	22	17.1818	.00000	.99991	54	33	12	20.6591	.00000	.99994
54	[illegible]	15	20.0455	.00000	.99991	19	66	14	19.8485	.00000	.99994
23	35	41	21.2803	.00000	.99991	46	23	30	18.0530	.00000	.99994
47	45	7	16.1894	.00000	.99991	45	23	31	18.0682	.00000	.99994
13	50	34	17.1818	.00000	.99991	21	66	12	19.9091	.00000	.99994
53	35	11	19.9621	.00000	.99991	44	49	6	15.8712	.00000	.99994
54	31	14	20.1136	.00000	.99991	54	27	14	20.6591	.00000	.99995
27	31	41	21.3409	.00000	.99991	51	24	24	19.0909	.00000	.99995
51	29	16	20.1136	.00000	.99991	34	26	39	20.5303	.00000	.99995
43	53	6	14.9621	.00000	.99991	14	53	32	17.3258	.00000	.99995
39	54	6	15.0000	.00000	.99991	47	23	29	18.1894	.00000	.99995
14	57	28	16.9167	.00000	.99992	39	24	36	19.0909	.00000	.99995
41	52	6	15.0303	.00000	.99992	29	29	41	22.7576	.00000	.99995
14	56	29	16.4394	.00000	.99992	44	23	32	18.2348	.00000	.99995
31	28	40	20.6667	.00000	.99992	32	38	9	19.4394	.00000	.99995
14	58	27	16.5303	.00000	.99992	53	36	10	20.1212	.00000	.99995
24	64	9	18.2576	.00000	.99992	32	27	40	21.3258	.00000	.99995
15	64	19	18.2576	.00000	.99992	14	61	24	17.6894	.00000	.99995
37	25	37	18.9167	.00000	.99992	40	23	28	18.4773	.00000	.99995
38	55	6	15.1439	.00000	.99992	36	25	38	20.1136	.00000	.99995
22	36	41	21.5303	.00000	.99992	35	58	6	16.2121	.00000	.99995
54	32	13	20.3182	.00000	.99992	18	66	17	20.0455	.00000	.99995
50	24	25	18.2576	.00000	.99992	43	23	33	18.5530	.00000	.99995
19	55	30	16.5985	.00000	.99992	22	66	11	20.1667	.00000	.99995
42	51	6	15.2045	.00000	.99993	45	48	6	16.3636	.00000	.99995
40	24	35	18.2576	.00000	.99993	16	65	18	19.5076	.00000	.99995
18	42	39	20.0455	.00000	.99993	14	52	33	17.8939	.00000	.99996
17	44	38	19.3939	.00000	.99993	20	38	41	22.3485	.00000	.99996
17	65	17	18.9167	.00000	.99993	53	25	21	20.3712	.00000	.99996
54	28	17	20.3182	.00000	.99993	30	62	7	17.8636	.00000	.99996
19	59	26	16.7803	.00000	.99993	49	23	27	18.9167	.00000	.99996
53	26	20	19.6667	.00000	.99993	51	40	8	19.0909	.00000	.99996
52	25	22	19.1439	.00000	.99993	15	48	36	19.0909	.00000	.99996
50	41	8	17.8712	.00000	.99993	54	34	11	21.1364	.00000	.99996
20	30	41	21.8212	.00000	.99993	49	43	7	18.8076	.00000	.99996
37	56	6	15.3939	.00000	.99993	25	65	9	19.6439	.00000	.99996
24	65	10	19.0227	.00000	.99993	15	64	20	19.0909	.00000	.99996
28	63	8	17.8712	.00000	.99993	17	43	39	20.9167	.00000	.99996
19	56	31	16.8939	.00000	.99993	42	23	34	19.0227	.00000	.99996
45	50	6	15.9848	.00000	.99994	54	26	19	21.1364	.00000	.99996
31	61	7	16.9167	.00000	.99994	24	33	42	23.3864	.00000	.99996

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
30	24	41	22.5000	.00000	.99996	45	22	32	19.9091	.00000	.99998
34	59	6	16.7803	.00000	.99996	21	67	11	21.8864	.00000	.99998
14	62	23	18.3485	.00000	.99996	20	37	42	24.9167	.00000	.99998
25	32	42	23.3939	.00000	.99996	48	22	29	20.0455	.00000	.99998
27	64	8	19.0909	.00000	.99996	14	64	21	20.0758	.00000	.99998
52	24	23	20.0758	.00000	.99996	48	45	6	18.4773	.00000	.99998
18	41	40	21.7500	.00000	.99996	52	23	24	21.1439	.00000	.99998
38	24	37	20.0758	.00000	.99996	18	40	41	23.5909	.00000	.99998
23	34	42	23.9848	.00000	.99996	29	28	42	24.4848	.00000	.99998
17	66	16	20.3939	.00000	.99996	44	22	33	20.1667	.00000	.99998
16	45	38	20.4167	.00000	.99996	40	54	5	16.8939	.00000	.99998
26	31	42	23.5076	.00000	.99997	34	25	40	22.9621	.00000	.99998
46	47	6	16.9621	.00000	.99997	41	53	5	16.9167	.00000	.99998
50	23	26	19.5076	.00000	.99997	17	67	15	22.0076	.00000	.99998
23	66	10	20.5758	.00000	.99997	49	22	28	20.3939	.00000	.99998
22	35	42	23.6894	.00000	.99997	39	55	5	16.9773	.00000	.99998
41	23	35	19.6439	.00000	.99997	39	23	37	21.3409	.00000	.99998
33	26	40	22.0909	.00000	.99997	42	52	5	17.0455	.00000	.99998
27	33	42	23.7273	.00000	.99997	15	46	38	21.5455	.00000	.99998
35	25	39	21.4621	.00000	.99997	32	26	41	23.8030	.00000	.99998
19	39	41	22.9167	.00000	.99997	28	64	7	20.0758	.00000	.99998
33	60	6	17.4545	.00000	.99997	51	41	7	20.2500	.00000	.99998
14	63	22	19.1439	.00000	.99997	38	56	5	17.1667	.00000	.99998
53	37	9	20.9167	.00000	.99997	43	22	30	20.5758	.00000	.99998
29	63	7	18.9167	.00000	.99997	36	24	39	22.5000	.00000	.99998
15	47	37	20.2500	.00000	.99997	43	51	5	17.2803	.00000	.99998
50	42	7	19.0758	.00000	.99997	22	67	10	22.2348	.00000	.99998
47	46	6	17.6667	.00000	.99997	54	24	21	22.5000	.00000	.99998
51	23	25	20.2500	.00000	.99997	24	32	43	25.7727	.00000	.99998
31	27	41	23.0985	.00000	.99997	50	22	27	20.8939	.00000	.99998
21	36	42	24.0000	.00000	.99997	31	62	6	19.1212	.00000	.99998
54	35	10	21.7500	.00000	.99997	23	33	43	25.8258	.00000	.99998
50	25	20	21.7500	.00000	.99997	15	66	18	21.5455	.00000	.99998
15	65	19	20.2500	.00000	.99997	37	57	5	17.4621	.00000	.99998
37	24	38	21.2121	.00000	.99997	25	31	43	25.8258	.00000	.99998
53	24	22	21.2121	.00000	.99997	19	38	42	24.4394	.00000	.99998
20	29	42	24.0530	.00000	.99997	53	38	8	21.8485	.00000	.99998
16	66	17	20.8939	.00000	.99997	44	50	5	17.6212	.00000	.99998
52	39	8	20.9167	.00000	.99997	49	44	6	19.3939	.00000	.99998
19	67	13	21.6439	.00000	.99997	22	34	43	25.9848	.00000	.99998
40	23	36	20.9167	.00000	.99997	42	22	35	21.1364	.00000	.99998
20	67	12	21.6894	.00000	.99997	30	27	42	25.0227	.00000	.99998
18	67	14	21.7500	.00000	.99997	53	23	23	22.1894	.00000	.99998
17	42	40	22.5758	.00000	.99997	26	30	43	25.9848	.00000	.99998
26	65	8	20.4167	.00000	.99997	14	65	20	21.1439	.00000	.99998
46	22	31	19.8030	.00000	.99997	16	67	16	22.4167	.00000	.99998
32	61	6	18.2348	.00000	.99997	36	58	5	17.8636	.00000	.99998
47	22	30	19.0985	.00000	.99997	38	23	38	22.4167	.00000	.99998
16	44	39	21.8939	.00000	.99997	51	22	26	21.5455	.00000	.99998
24	66	9	21.1364	.00000	.99997	16	43	40	23.5076	.00000	.99998

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
25	66	8	21.8485	.00000	.99998	51	42	6	21.5455	.00000	.99999
17	41	41	24.3712	.00000	.99998	23	32	44	28.3030	.00000	.99999
45	49	5	18.0682	.00000	.99998	24	31	44	28.2955	.00000	.99999
21	35	43	26.2500	.00000	.99998	34	24	41	25.5303	.00000	.99999
27	29	43	26.2500	.00000	.99998	17	40	42	26.3030	.00000	.99999
41	22	36	21.8485	.00000	.99998	39	22	38	23.7273	.00000	.99999
35	59	5	18.3712	.00000	.99998	26	66	7	22.7121	.00000	.99999
23	67	9	22.7348	.00000	.99998	32	25	42	26.4167	.00000	.99999
15	45	39	22.9773	.00000	.99998	25	30	44	28.3939	.00000	.99999
33	25	41	24.6136	.00000	.99998	22	33	44	28.4167	.00000	.99999
52	40	7	21.5303	.00000	.99998	43	21	35	22.7348	.00000	.99999
30	63	6	20.1136	.00000	.99998	48	46	5	20.8455	.00000	.99999
35	24	40	23.9394	.00000	.99998	36	23	40	25.0227	.00000	.99999
27	65	7	21.3409	.00000	.99998	51	21	27	22.9773	.00000	.99999
19	68	12	23.5758	.00000	.99998	22	68	9	24.4394	.00000	.99999
18	39	42	25.5682	.00000	.99998	26	29	44	28.5985	.00000	.99999
18	68	13	23.5909	.00000	.99998	21	34	44	28.6364	.00000	.99999
46	48	5	18.6212	.00000	.99998	14	67	18	23.6894	.00000	.99999
52	22	25	22.3485	.00000	.99998	54	22	23	24.4091	.00000	.99999
50	43	6	20.4167	.00000	.99998	18	38	43	27.6818	.00000	.99999
20	36	43	26.6212	.00000	.99998	32	62	5	20.5303	.00000	.99999
31	26	42	25.6667	.00000	.99998	30	26	43	27.6818	.00000	.99999
20	68	11	23.7121	.00000	.99998	42	21	36	23.3864	.00000	.99999
28	28	43	25.6212	.00000	.99998	15	68	16	24.5455	.00000	.99999
54	23	22	23.3864	.00000	.99999	52	21	26	23.6894	.00000	.99999
15	67	17	22.9773	.00000	.99999	28	65	6	22.4167	.00000	.99999
28	66	5	18.9848	.00000	.99999	27	28	44	28.9091	.00000	.99999
37	23	39	23.6439	.00000	.99999	38	22	39	24.8939	.00000	.99999
17	68	14	23.7576	.00000	.99999	49	45	5	20.9167	.00000	.99999
14	66	19	22.3485	.00000	.99999	20	35	44	28.9621	.00000	.99999
40	22	37	22.7121	.00000	.99999	18	69	12	25.5682	.00000	.99999
47	21	31	21.6439	.00000	.99999	52	41	6	22.7803	.00000	.99999
46	21	32	21.6894	.00000	.99999	41	54	4	18.9394	.00000	.99999
48	21	30	21.7500	.00000	.99999	40	55	4	18.9621	.00000	.99999
45	21	33	21.8864	.00000	.99999	19	69	11	25.6439	.00000	.99999
47	47	5	19.2803	.00000	.99999	42	53	4	19.0227	.00000	.99999
49	21	29	22.0076	.00000	.99999	17	69	13	25.6439	.00000	.99999
21	68	10	24.0000	.00000	.99999	39	56	4	19.0909	.00000	.99999
53	22	24	23.3030	.00000	.99999	41	21	37	24.1894	.00000	.99999
19	37	43	27.0985	.00000	.99999	16	41	42	27.1439	.00000	.99999
29	27	43	27.0985	.00000	.99999	15	43	41	26.2500	.00000	.99999
16	42	41	25.2576	.00000	.99999	43	52	4	19.2121	.00000	.99999
44	21	34	22.2348	.00000	.99999	33	24	42	27.2727	.00000	.99999
29	64	6	21.2121	.00000	.99999	38	57	4	19.3258	.00000	.99999
16	68	15	24.0758	.00000	.99999	35	23	41	26.5530	.00000	.99999
50	21	28	22.4167	.00000	.99999	31	63	5	21.4621	.00000	.99999
33	61	5	19.7045	.00000	.99999	53	21	25	24.5530	.00000	.99999
24	67	8	23.3864	.00000	.99999	25	67	7	24.1894	.00000	.99999
15	44	40	24.5455	.00000	.99999	20	69	10	25.8712	.00000	.99999
53	39	7	22.9167	.00000	.99999	28	27	44	29.3258	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
23	68	8	25.0303	.00000	.99999	30	25	44	30.4773	.00000	.99999
44	51	4	19.5076	.00000	.99999	18	70	11	27.6818	.00000	.99999
19	36	44	29.3939	.00000	.99999	17	70	12	27.6667	.00000	.99999
31	25	43	28.3712	.00000	.99999	22	69	8	26.7803	.00000	.99999
16	69	14	25.8712	.00000	.99999	42	20	37	25.7727	.00000	.99999
17	39	43	28.3712	.00000	.99999	14	69	16	26.7803	.00000	.99999
37	58	4	19.6667	.00000	.99999	17	38	44	30.5758	.00000	.99999
48	20	31	23.5909	.00000	.99999	29	65	5	23.6439	.00000	.99999
47	20	32	23.5758	.00000	.99999	53	20	26	25.9394	.00000	.99999
50	44	5	21.8939	.00000	.99999	27	27	45	31.7045	.00000	.99999
46	20	33	23.7121	.00000	.99999	26	67	6	25.1439	.00000	.99999
49	20	30	23.7576	.00000	.99999	48	47	4	21.7500	.00000	.99999
14	68	17	25.1667	.00000	.99999	19	35	45	31.8258	.00000	.99999
37	22	40	26.2121	.00000	.99999	16	70	13	27.8030	.00000	.99999
45	50	4	19.9091	.00000	.99999	19	70	10	27.8485	.00000	.99999
40	21	38	25.1439	.00000	.99999	38	21	40	27.5076	.00000	.99999
45	20	34	24.0000	.00000	.99999	52	42	5	24.1667	.00000	.99999
50	20	29	24.0758	.00000	.99999	33	62	4	22.0909	.00000	.99999
36	59	4	20.1136	.00000	.99999	41	20	38	26.6667	.00000	.99999
27	66	6	23.7273	.00000	.99999	33	23	43	30.0682	.00000	.99999
23	31	45	30.9167	.00000	.99999	28	26	45	32.1667	.00000	.99999
53	40	6	24.1212	.00000	.99999	54	20	25	26.8636	.00000	.99999
21	69	9	26.2500	.00000	.99999	15	70	14	28.0909	.00000	.99999
54	21	24	25.5682	.00000	.99999	35	22	42	29.3030	.00000	.99999
24	30	45	30.9545	.00000	.99999	48	19	32	25.5682	.00000	.99999
22	32	45	30.9848	.00000	.99999	49	46	4	22.5758	.00000	.99999
29	26	44	29.8485	.00000	.99999	20	70	9	28.1667	.00000	.99999
15	69	15	26.2500	.00000	.99999	49	19	31	25.6439	.00000	.99999
46	49	4	20.4167	.00000	.99999	15	41	43	30.0682	.00000	.99999
44	20	35	24.4394	.00000	.99999	47	19	33	25.6439	.00000	.99999
30	64	5	22.5000	.00000	.99999	18	36	45	32.3182	.00000	.99999
51	20	28	24.5455	.00000	.99999	31	24	44	31.2121	.00000	.99999
18	37	44	29.9318	.00000	.99999	50	19	30	25.8712	.00000	.99999
25	29	45	31.0985	.00000	.99999	46	19	34	25.8712	.00000	.99999
35	60	4	20.6667	.00000	.99999	23	30	46	33.6667	.00000	.99999
21	33	45	31.1591	.00000	.99999	16	39	44	31.3258	.00000	.99999
34	23	42	28.2348	.00000	.99999	32	63	4	22.9621	.00000	.99999
51	43	5	22.9773	.00000	.99999	22	31	46	33.6894	.00000	.99999
15	42	42	28.0909	.00000	.99999	28	66	5	24.8939	.00000	.99999
32	24	43	29.1667	.00000	.99999	51	19	29	26.2500	.00000	.99999
39	21	39	26.2500	.00000	.99999	24	29	46	33.7500	.00000	.99999
43	20	36	25.0303	.00000	.99999	23	69	7	27.4621	.00000	.99999
52	20	27	25.1667	.00000	.99999	45	19	35	26.2500	.00000	.99999
16	40	43	29.1667	.00000	.99999	37	21	41	28.9167	.00000	.99999
26	28	45	31.3485	.00000	.99999	21	32	46	33.8182	.00000	.99999
47	48	4	21.0303	.00000	.99999	40	20	39	27.7121	.00000	.99999
20	34	45	31.4394	.00000	.99999	53	41	5	25.4621	.00000	.99999
36	22	41	27.6818	.00000	.99999	25	68	6	26.6667	.00000	.99999
24	68	7	25.7727	.00000	.99999	29	25	45	32.7348	.00000	.99999
34	61	4	21.3258	.00000	.99999	25	28	46	33.9394	.00000	.99999

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
50	45	4	23.5076	.00000	.99999	35	61	3	23.0985	.00000	.99999
14	70	15	28.5303	.00000	.99999	14	71	14	30.4167	.00000	.99999
52	19	28	26.7803	.00000	.99999	41	19	39	29.2803	.00000	.99999
20	33	46	34.0530	.00000	.99999	33	22	44	33.0000	.00000	.99999
44	19	36	25.7803	.00000	.99999	50	18	31	27.8030	.00000	.99999
21	70	8	28.6364	.00000	.99999	22	30	47	36.5303	.00000	.99999
41	55	3	21.0985	.00000	.99999	23	29	47	36.5530	.00000	.99999
17	37	45	32.9167	.00000	.99999	47	18	34	27.8485	.00000	.99999
42	54	3	21.1364	.00000	.99999	21	31	47	36.6136	.00000	.99999
40	56	3	21.1667	.00000	.99999	35	21	43	32.1894	.00000	.99999
43	53	3	21.2803	.00000	.99999	51	18	30	28.0909	.00000	.99999
39	57	3	21.3409	.00000	.99999	31	23	45	34.1894	.00000	.99999
31	64	4	23.9394	.00000	.99999	20	71	8	30.5985	.00000	.99999
26	27	46	34.2348	.00000	.99999	26	68	5	27.7121	.00000	.99999
34	22	43	31.6758	.00000	.99999	17	36	46	35.3939	.00000	.99999
32	23	44	32.0530	.00000	.99999	24	28	47	36.6818	.00000	.99999
53	19	27	27.4621	.00000	.99999	46	18	35	28.1667	.00000	.99999
44	52	3	21.5303	.00000	.99999	48	48	3	23.5909	.00000	.99999
43	19	37	27.4621	.00000	.99999	20	32	47	36.8030	.00000	.99999
19	34	46	34.3939	.00000	.99999	52	18	29	28.5303	.00000	.99999
17	71	11	29.8258	.00000	.99999	29	66	4	26.2121	.00000	.99999
38	58	3	21.6212	.00000	.99999	34	62	3	23.8030	.00000	.99999
39	20	40	28.9091	.00000	.99999	25	27	47	36.9167	.00000	.99999
16	71	12	29.8712	.00000	.99999	45	18	36	28.6364	.00000	.99999
18	71	10	29.9318	.00000	.99999	15	39	45	34.4318	.00000	.99999
27	67	5	26.2500	.00000	.99999	37	20	42	31.7576	.00000	.99999
36	21	42	30.4773	.00000	.99999	40	19	40	30.4167	.00000	.99999
51	44	4	24.5455	.00000	.99999	29	24	46	35.7576	.00000	.99999
45	51	3	21.8864	.00000	.99999	19	33	47	37.0985	.00000	.99999
15	40	44	32.1818	.00000	.99999	53	18	28	29.1212	.00000	.99999
37	59	3	22.0076	.00000	.99999	53	42	4	26.9394	.00000	.99999
30	24	45	33.4091	.00000	.99999	49	47	3	24.3712	.00000	.99999
27	26	46	34.6364	.00000	.99999	44	18	37	29.2576	.00000	.99999
54	19	26	28.2955	.00000	.99999	16	72	11	32.0758	.00000	.99999
15	71	13	30.0682	.00000	.99999	26	26	47	37.2576	.00000	.99999
42	19	38	28.2955	.00000	.99999	23	70	6	30.0303	.00000	.99999
46	50	3	22.3485	.00000	.99999	17	72	10	32.1212	.00000	.99999
18	35	46	34.8409	.00000	.99999	33	63	3	24.6136	.00000	.99999
19	71	9	30.1894	.00000	.99999	16	37	46	36.0530	.00000	.99999
16	38	45	33.6212	.00000	.99999	15	72	12	32.1818	.00000	.99999
36	60	3	22.5000	.00000	.99999	21	71	7	31.1591	.00000	.99999
30	65	4	23.0227	.00000	.99999	54	18	27	29.8636	.00000	.99999
22	70	7	29.2576	.00000	.99999	18	34	47	37.5000	.00000	.99999
24	69	6	28.2955	.00000	.99999	32	22	45	35.0758	.00000	.99999
38	20	41	30.2576	.00000	.99999	34	21	44	34.0530	.00000	.99999
47	49	3	22.9167	.00000	.99999	18	72	9	32.3182	.00000	.99999
28	25	46	33.1439	.00000	.99999	43	18	38	30.0303	.00000	.99999
49	18	32	27.6667	.00000	.99999	28	67	4	27.5076	.00000	.99999
52	43	4	25.6894	.00000	.99999	25	69	5	29.2803	.00000	.99999
48	18	33	27.6818	.00000	.99999	39	19	41	31.7045	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
50	46	3	25.2576	.00000	.99999	29	23	47	38.9167	.00000	.99999
27	25	47	37.7045	.00000	.99999	15	73	11	34.4318	.00000	.99999
30	23	46	36.4773	.00000	.99999	37	19	43	34.7348	.00000	.99999
36	20	43	33.4091	.00000	.99999	54	17	28	31.5682	.00000	.99999
14	72	13	32.4394	.00000	.99999	46	51	2	24.4167	.00000	.99999
32	64	3	25.5303	.00000	.99999	40	18	41	33.2576	.00000	.99999
17	35	47	38.0076	.00000	.99999	37	60	2	24.4848	.00000	.99999
42	18	39	30.9545	.00000	.99999	26	25	48	40.4167	.00000	.99999
19	72	8	32.6667	.00000	.99999	30	66	3	27.6818	.00000	.99999
22	29	48	39.5076	.00000	.99999	17	73	9	34.5530	.00000	.99999
15	38	46	36.8182	.00000	.99999	44	17	38	31.8712	.00000	.99999
21	30	48	39.5455	.00000	.99999	14	73	12	34.5985	.00000	.99999
23	28	48	39.5758	.00000	.99999	47	50	2	24.9394	.00000	.99999
51	45	3	26.2500	.00000	.99999	26	69	4	30.4167	.00000	.99999
49	17	33	29.8258	.00000	.99999	36	61	2	25.0227	.00000	.99999
50	17	32	29.8712	.00000	.99999	17	34	48	40.7576	.00000	.99999
28	24	47	38.2576	.00000	.99999	15	37	47	39.3409	.00000	.99999
38	19	42	33.1439	.00000	.99999	32	21	46	38.2348	.00000	.99999
20	31	48	39.6894	.00000	.99999	53	43	3	28.5530	.00000	.99999
48	17	34	29.9318	.00000	.99999	18	73	8	34.8409	.00000	.99999
51	17	31	30.0682	.00000	.99999	34	20	45	37.1667	.00000	.99999
24	27	48	39.7500	.00000	.99999	27	24	48	40.9091	.00000	.99999
31	65	3	26.5530	.00000	.99999	43	17	39	32.7348	.00000	.99999
47	17	35	30.1894	.00000	.99999	48	49	2	25.5682	.00000	.99999
27	68	4	28.9091	.00000	.99999	39	18	42	34.6364	.00000	.99999
22	71	6	31.8712	.00000	.99999	21	72	6	33.8182	.00000	.99999
33	21	45	36.0682	.00000	.99999	30	22	47	39.6818	.00000	.99999
41	56	2	23.3939	.00000	.99999	35	62	2	25.6667	.00000	.99999
42	55	2	23.3864	.00000	.99999	23	71	5	32.7348	.00000	.99999
41	18	40	32.0303	.00000	.99999	29	67	3	28.9167	.00000	.99999
52	17	30	30.4167	.00000	.99999	21	29	49	42.6136	.00000	.99999
43	54	2	23.4848	.00000	.99999	22	28	49	42.6212	.00000	.99999
40	57	2	23.5076	.00000	.99999	36	19	44	36.4773	.00000	.99999
19	32	48	39.9394	.00000	.99999	20	30	49	42.7121	.00000	.99999
31	22	46	37.3030	.00000	.99999	23	27	49	42.7348	.00000	.99999
35	20	44	35.2121	.00000	.99999	16	35	48	41.3258	.00000	.99999
46	17	36	30.5985	.00000	.99999	42	17	40	33.7500	.00000	.99999
16	36	47	38.6212	.00000	.99999	49	48	2	26.3030	.00000	.99999
24	70	5	30.9545	.00000	.99999	19	31	49	42.9167	.00000	.99999
44	53	2	23.6894	.00000	.99999	34	63	2	26.4167	.00000	.99999
39	58	2	23.7273	.00000	.99999	19	73	7	35.2803	.00000	.99999
25	26	48	40.0303	.00000	.99999	50	16	33	32.0758	.00000	.99999
53	17	29	30.9167	.00000	.99999	24	26	49	42.9545	.00000	.99999
20	72	7	33.1667	.00000	.99999	49	16	34	32.1212	.00000	.99999
52	44	3	27.3485	.00000	.99999	51	16	32	32.1818	.00000	.99999
45	52	2	24.0000	.00000	.99999	28	23	48	41.5076	.00000	.99999
38	59	2	24.0530	.00000	.99999	48	16	35	32.3182	.00000	.99999
45	17	37	31.1591	.00000	.99999	52	16	31	32.4394	.00000	.99999
18	33	48	40.2955	.00000	.99999	25	70	4	32.0303	.00000	.99999
16	73	10	34.4167	.00000	.99999	38	18	43	36.1667	.00000	.99999

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
18	32	49	43.2273	.00000	.99999	42	56	1	25.7727	.00000	.99999
47	16	36	32.6667	.00000	.99999	51	15	33	34.4318	.00000	.99999
53	16	30	32.8485	.00000	.99999	50	15	34	34.4167	.00000	.99999
33	20	46	39.2727	.00000	.99999	41	57	1	25.8258	.00000	.99999
25	25	49	43.2803	.00000	.99999	43	55	1	25.8258	.00000	.99999
50	47	2	27.1439	.00000	.99999	21	73	5	36.6136	.00000	.99999
31	21	47	40.5530	.00000	.99999	28	22	49	44.8939	.00000	.99999
28	68	3	32.2576	.00000	.99999	49	15	35	34.5530	.00000	.99999
41	17	41	34.9167	.00000	.99999	52	15	32	34.5985	.00000	.99999
33	64	2	27.2727	.00000	.99999	53	44	2	30.3030	.00000	.99999
15	74	10	36.8182	.00000	.99999	40	58	1	25.9848	.00000	.99999
46	16	37	33.1667	.00000	.99999	42	16	41	36.6818	.00000	.99999
35	19	45	38.3712	.00000	.99999	44	54	1	25.9848	.00000	.99999
15	36	48	42.0000	.00000	.99999	26	70	3	33.2576	.00000	.99999
54	16	29	33.4091	.00000	.99999	48	15	36	34.8409	.00000	.99999
16	74	9	35.8939	.00000	.99999	53	15	31	34.9167	.00000	.99999
14	74	11	35.8939	.00000	.99999	39	59	1	26.2500	.00000	.99999
17	33	49	43.6439	.00000	.99999	17	32	50	46.6667	.00000	.99999
29	22	48	42.2121	.00000	.99999	45	53	1	26.2500	.00000	.99999
22	72	5	34.6212	.00000	.99999	30	67	2	30.4773	.00000	.99999
45	16	38	33.8182	.00000	.99999	25	24	50	46.6667	.00000	.99999
26	24	49	43.7121	.00000	.99999	19	74	6	38.0303	.00000	.99999
20	73	6	35.8712	.00000	.99999	15	75	9	39.3409	.00000	.99999
51	46	2	28.0909	.00000	.99999	14	75	10	39.3258	.00000	.99999
17	74	8	37.1212	.00000	.99999	23	72	4	35.5758	.00000	.99999
32	65	2	28.2348	.00000	.99999	47	15	37	35.2803	.00000	.99999
37	18	44	37.8485	.00000	.99999	54	15	30	35.3864	.00000	.99999
40	17	42	36.2348	.00000	.99999	38	17	44	39.3258	.00000	.99999
44	16	39	34.6212	.00000	.99999	38	60	1	26.6212	.00000	.99999
24	71	4	33.7500	.00000	.99999	46	52	1	26.6212	.00000	.99999
16	34	49	44.1667	.00000	.99999	33	19	47	42.6136	.00000	.99999
27	69	3	31.7045	.00000	.99999	31	20	48	43.9394	.00000	.99999
21	28	50	45.8182	.00000	.99999	16	75	8	39.5076	.00000	.99999
27	23	49	44.2500	.00000	.99999	41	16	42	37.9394	.00000	.99999
32	20	47	41.5303	.00000	.99999	46	15	38	35.8712	.00000	.99999
20	29	50	45.8712	.00000	.99999	37	61	1	27.0985	.00000	.99999
22	27	50	45.8712	.00000	.99999	47	51	1	27.0985	.00000	.99999
52	45	2	29.1439	.00000	.99999	35	18	46	41.6667	.00000	.99999
18	74	7	37.5000	.00000	.99999	16	33	50	47.1439	.00000	.99999
34	19	46	40.4167	.00000	.99999	26	23	50	47.1439	.00000	.99999
19	30	50	46.0303	.00000	.99999	29	21	49	45.6439	.00000	.99999
32	21	46	43.0227	.00000	.99999	45	15	39	36.6136	.00000	.99999
23	26	50	46.0303	.00000	.99999	36	62	1	27.6818	.00000	.99999
43	16	40	35.5758	.00000	.99999	29	68	2	31.7576	.00000	.99999
31	66	2	29.3030	.00000	.99999	48	50	1	27.6818	.00000	.99999
39	17	43	37.7045	.00000	.99999	17	75	7	39.8258	.00000	.99999
36	18	45	39.6818	.00000	.99999	20	28	51	49.1667	.00000	.99999
18	31	50	46.2955	.00000	.99999	21	27	51	49.1591	.00000	.99999
24	25	50	46.2955	.00000	.99999	25	71	3	34.9167	.00000	.99999
15	35	49	44.7955	.00000	.99999	37	17	45	41.0985	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
22	26	51	49.2576	.00000	.99999	32	66	1	31.0758	.00000	.99999
19	29	51	49.2803	.00000	.99999	15	33	51	50.7955	.00000	.99999
40	16	43	39.3485	.00000	.99999	46	14	39	38.7121	.00000	.99999
35	63	1	28.3712	.00000	.99999	20	27	52	52.5985	.00000	.99999
20	74	5	38.7121	.00000	.99999	41	15	43	41.0985	.00000	.99999
49	49	1	28.3712	.00000	.99999	29	20	50	49.2121	.00000	.99999
44	15	40	37.5076	.00000	.99999	21	26	52	52.6364	.00000	.99999
15	34	50	47.7273	.00000	.99999	35	17	47	45.0985	.00000	.99999
27	22	50	47.7273	.00000	.99999	19	28	52	52.6667	.00000	.99999
23	25	51	49.4621	.00000	.99999	22	25	52	52.7803	.00000	.99999
18	30	51	49.5000	.00000	.99999	18	29	52	52.8409	.00000	.99999
22	73	4	37.5076	.00000	.99999	45	14	40	39.5455	.00000	.99999
32	19	48	44.9621	.00000	.99999	17	76	6	42.6667	.00000	.99999
34	18	47	43.8030	.00000	.99999	23	73	3	38.5530	.00000	.99999
30	20	49	46.5000	.00000	.99999	53	45	1	32.1894	.00000	.99999
18	75	6	40.2955	.00000	.99999	23	24	52	53.0303	.00000	.99999
28	69	2	33.1439	.00000	.99999	31	67	1	32.1894	.00000	.99999
34	64	1	29.1667	.00000	.99999	17	30	52	53.1212	.00000	.99999
50	48	1	29.1667	.00000	.99999	27	21	51	51.3409	.00000	.99999
24	24	51	49.7727	.00000	.99999	37	16	46	44.4848	.00000	.99999
17	31	51	49.8258	.00000	.99999	26	71	2	36.2348	.00000	.99999
43	15	41	38.5530	.00000	.99999	40	15	44	42.5985	.00000	.99999
39	16	44	40.9091	.00000	.99999	44	14	41	40.5303	.00000	.99999
36	17	46	43.0227	.00000	.99999	32	18	49	48.5303	.00000	.99999
51	14	34	36.8182	.00000	.99999	24	23	52	53.3864	.00000	.99999
52	14	33	36.8939	.00000	.99999	30	19	50	50.1136	.00000	.99999
50	14	35	36.8939	.00000	.99999	16	31	52	53.5076	.00000	.99999
20	21	58	48.4167	.00000	.99999	34	17	48	47.3258	.00000	.99999
14	76	9	41.8939	.00000	.99999	20	75	4	41.6894	.00000	.99999
53	14	32	37.1212	.00000	.99999	14	77	8	44.5985	.00000	.99999
49	14	36	37.1212	.00000	.99999	30	68	1	33.4091	.00000	.99999
24	72	3	36.6818	.00000	.99999	43	14	42	41.6667	.00000	.99999
25	23	51	50.1894	.00000	.99999	52	13	34	39.3258	.00000	.99999
51	47	1	30.0682	.00000	.99999	51	13	35	39.3409	.00000	.99999
33	65	1	30.0682	.00000	.99999	28	20	51	52.0758	.00000	.99999
15	76	8	42.0000	.00000	.99999	18	76	5	43.2273	.00000	.99999
16	32	51	50.2576	.00000	.99999	53	13	33	39.4621	.00000	.99999
54	14	31	37.5000	.00000	.99999	39	15	45	44.2500	.00000	.99999
42	15	42	39.7500	.00000	.99999	25	22	52	53.8485	.00000	.99999
48	14	37	37.5000	.00000	.99999	50	13	36	39.5076	.00000	.99999
47	14	38	38.0303	.00000	.99999	36	16	47	46.5000	.00000	.99999
27	70	2	34.6364	.00000	.99999	54	13	32	39.7500	.00000	.99999
16	76	7	42.2576	.00000	.99999	15	77	7	44.7955	.00000	.99999
31	19	49	47.4621	.00000	.99999	15	32	52	54.0000	.00000	.99999
38	16	45	42.6212	.00000	.99999	49	13	37	39.8258	.00000	.99999
33	18	48	46.0909	.00000	.99999	22	74	3	40.5303	.00000	.99999
21	74	4	39.5455	.00000	.99999	42	57	0	28.2955	.00000	.99999
19	75	5	40.9167	.00000	.99999	25	72	2	37.9394	.00000	.99999
52	46	1	31.0758	.00000	.99999	43	56	0	28.3030	.00000	.99999
26	22	51	50.7121	.00000	.99999	41	58	0	28.3939	.00000	.99999

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
44	55	0	28.4167	.00000	.99999	25	21	53	57.6439	.00000	.99999
48	13	38	40.2955	.00000	.99999	28	19	52	55.8712	.00000	.99999
40	59	0	28.5985	.00000	.99999	52	12	35	41.8939	.00000	.99999
42	14	43	42.9545	.00000	.99999	34	65	0	32.0530	.00000	.99999
45	54	0	28.6364	.00000	.99999	53	12	34	41.9394	.00000	.99999
20	26	53	56.1667	.00000	.99999	27	71	1	37.7045	.00000	.99999
19	27	53	56.1894	.00000	.99999	51	12	36	42.0000	.00000	.99999
39	60	0	28.9091	.00000	.99999	51	48	0	32.1818	.00000	.99999
29	69	1	34.7348	.00000	.99999	54	12	33	42.1364	.00000	.99999
21	25	53	56.2500	.00000	.99999	43	13	43	44.9167	.00000	.99999
46	53	0	28.9621	.00000	.99999	19	26	54	59.8485	.00000	.99999
26	21	52	54.4167	.00000	.99999	50	12	37	42.2576	.00000	.99999
18	28	53	56.3182	.00000	.99999	20	25	54	59.8712	.00000	.99999
47	13	39	40.9167	.00000	.99999	15	78	6	47.7273	.00000	.99999
31	18	50	51.1212	.00000	.99999	23	74	2	41.6667	.00000	.99999
16	77	6	45.1439	.00000	.99999	39	14	46	47.7273	.00000	.99999
33	17	49	49.7045	.00000	.99999	18	27	54	59.9318	.00000	.99999
38	15	46	46.0530	.00000	.99999	36	15	48	50.1136	.00000	.99999
38	61	0	29.3258	.00000	.99999	21	24	54	60.0000	.00000	.99999
22	24	53	56.4394	.00000	.99999	49	12	38	42.6667	.00000	.99999
47	52	0	29.3939	.00000	.99999	17	28	54	60.1212	.00000	.99999
29	19	51	52.9167	.00000	.99999	33	66	0	33.0000	.00000	.99999
17	29	53	56.5530	.00000	.99999	18	77	4	46.2955	.00000	.99999
40	13	46	41.6894	.00000	.99999	52	47	0	33.1439	.00000	.99999
35	16	48	48.6667	.00000	.99999	48	12	39	43.2273	.00000	.99999
41	14	44	44.3939	.00000	.99999	26	20	53	58.2576	.00000	.99999
37	62	0	29.8485	.00000	.99999	22	23	54	60.2348	.00000	.99999
48	51	0	29.9318	.00000	.99999	20	76	3	44.8030	.00000	.99999
23	23	53	56.7348	.00000	.99999	42	13	44	46.2955	.00000	.99999
19	76	4	43.9394	.00000	.99999	31	17	51	54.9167	.00000	.99999
16	30	53	55.8939	.00000	.99999	16	29	54	60.4167	.00000	.99999
24	73	2	39.7500	.00000	.99999	33	16	50	53.4545	.00000	.99999
21	26	52	55.0909	.00000	.99999	47	12	40	43.9394	.00000	.99999
45	13	41	42.6136	.00000	.99999	29	18	52	56.7576	.00000	.99999
28	70	1	36.1667	.00000	.99999	26	72	1	39.3485	.00000	.99999
36	63	0	30.4773	.00000	.99999	23	22	54	60.5758	.00000	.99999
43	56	0	30.5758	.00000	.99999	16	78	5	48.1667	.00000	.99999
21	75	3	42.6136	.00000	.99999	38	14	47	49.6212	.00000	.99999
17	77	5	45.6439	.00000	.99999	32	67	0	34.0530	.00000	.99999
24	22	53	57.1364	.00000	.99999	53	46	0	34.2121	.00000	.99999
37	15	47	48.0076	.00000	.99999	15	30	54	60.8182	.00000	.99999
40	14	45	45.9848	.00000	.99999	46	12	41	44.8030	.00000	.99999
35	64	0	31.2121	.00000	.99999	35	15	49	52.3712	.00000	.99999
15	31	53	57.3409	.00000	.99999	41	13	45	47.8258	.00000	.99999
32	17	50	52.2348	.00000	.99999	27	19	53	58.9773	.00000	.99999
44	13	42	43.6894	.00000	.99999	22	75	2	43.6894	.00000	.99999
50	49	0	31.3258	.00000	.99999	24	21	54	61.0227	.00000	.99999
30	18	51	53.8636	.00000	.99999	45	12	42	45.8182	.00000	.99999
14	78	7	47.4394	.00000	.99999	31	68	0	35.2121	.00000	.99999
34	16	49	50.9848	.00000	.99999	37	14	48	51.6667	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
25	73	1	41.8985	.00000	.99999	20	77	2	48.0530	.00000	.99999
32	16	51	56.8758	.00000	.99999	18	25	56	67.5682	.00000	.99999
30	17	52	57.7500	.00000	.99999	19	24	56	67.5758	.00000	.99999
40	13	46	49.5076	.00000	.99999	23	75	1	44.9167	.00000	.99999
19	77	3	47.0985	.00000	.99999	17	26	56	67.6667	.00000	.99999
14	79	6	58.4167	.00000	.99999	20	23	56	67.6894	.00000	.99999
19	25	55	63.6439	.00000	.99999	45	11	43	49.1591	.00000	.99999
17	78	4	48.7576	.00000	.99999	25	19	55	65.6439	.00000	.99999
25	20	54	61.5758	.00000	.99999	16	27	56	67.8712	.00000	.99999
18	26	55	63.6818	.00000	.99999	30	16	53	61.7727	.00000	.99999
44	12	43	46.9848	.00000	.99999	37	13	49	55.4621	.00000	.99999
20	24	55	63.7121	.00000	.99999	21	22	56	67.9091	.00000	.99999
34	15	50	54.7803	.00000	.99999	32	15	52	60.0530	.00000	.99999
17	27	55	63.8258	.00000	.99999	14	80	5	53.5303	.00000	.99999
28	18	53	59.8030	.00000	.99999	40	12	47	53.1667	.00000	.99999
53	11	35	44.5530	.00000	.99999	28	17	54	63.8712	.00000	.99999
21	23	55	63.8864	.00000	.99999	15	28	56	68.1818	.00000	.99999
30	69	0	36.4773	.00000	.99999	44	11	44	50.4167	.00000	.99999
52	11	36	44.5985	.00000	.99999	27	72	0	40.9091	.00000	.99999
54	11	34	44.6591	.00000	.99999	34	14	51	58.7121	.00000	.99999
51	11	37	44.7955	.00000	.99999	22	21	56	68.2348	.00000	.99999
16	28	55	64.0758	.00000	.99999	53	10	36	47.3030	.00000	.99999
50	11	38	45.1439	.00000	.99999	54	10	35	47.3182	.00000	.99999
43	12	44	48.3030	.00000	.99999	52	10	37	47.4394	.00000	.99999
22	22	55	64.1667	.00000	.99999	51	10	38	47.7273	.00000	.99999
21	76	2	45.8182	.00000	.99999	17	79	3	52.0076	.00000	.99999
15	79	5	50.7955	.00000	.99999	26	18	55	66.3485	.00000	.99999
39	13	47	51.3409	.00000	.99999	50	10	39	48.1667	.00000	.99999
36	14	49	53.8636	.00000	.99999	22	76	1	46.9848	.00000	.99999
49	11	39	45.6439	.00000	.99999	43	11	45	51.8258	.00000	.99999
26	19	54	62.2348	.00000	.99999	23	20	56	68.6667	.00000	.99999
15	29	55	64.4318	.00000	.99999	36	13	50	57.7500	.00000	.99999
24	74	1	42.9545	.00000	.99999	39	12	48	55.0909	.00000	.99999
48	11	40	46.2955	.00000	.99999	19	78	2	50.3939	.00000	.99999
29	70	0	37.8485	.00000	.99999	49	10	40	48.7576	.00000	.99999
23	21	55	64.5530	.00000	.99999	15	80	4	54.0000	.00000	.99999
31	16	52	58.8485	.00000	.99999	31	15	53	62.9167	.00000	.99999
42	12	45	49.7727	.00000	.99999	26	73	0	42.5985	.00000	.99999
29	17	53	60.7348	.00000	.99999	29	16	54	64.8485	.00000	.99999
33	15	51	57.3409	.00000	.99999	48	10	41	49.5000	.00000	.99999
47	11	41	47.0985	.00000	.99999	33	14	52	61.3636	.00000	.99999
18	78	3	49.5000	.00000	.99999	42	11	46	53.3864	.00000	.99999
38	13	48	53.3258	.00000	.99999	24	19	56	69.2045	.00000	.99999
27	18	54	63.0000	.00000	.99999	18	24	57	71.5909	.00000	.99999
24	20	55	65.0455	.00000	.99999	27	17	55	67.1591	.00000	.99999
16	79	4	51.3258	.00000	.99999	17	25	57	71.6439	.00000	.99999
35	14	50	56.2121	.00000	.99999	47	10	42	50.3939	.00000	.99999
46	11	42	48.0530	.00000	.99999	19	23	57	71.6439	.00000	.99999
28	71	0	39.3258	.00000	.99999	38	12	49	57.1667	.00000	.99999
41	12	46	51.3939	.00000	.99999	16	26	57	71.8030	.00000	.99999

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TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
23	22	57	71.6030	.00000	.99999	23	76	0	46.3030	.00000	.99999
35	13	51	66.1894	.00000	.99999	47	9	43	53.8258	.00000	.99999
45	11	43	51.4394	.00000	.99999	38	11	54	61.1439	.00000	.99999
15	27	57	72.0682	.00000	.99999	35	12	52	64.3030	.00000	.99999
21	77	1	49.1591	.00000	.99999	25	17	57	74.1894	.00000	.99999
21	21	57	72.0682	.00000	.99999	19	79	1	53.8258	.00000	.99999
41	11	47	55.0985	.00000	.99999	22	19	58	76.7803	.00000	.99999
25	18	56	69.8485	.00000	.99999	46	9	44	54.9621	.00000	.99999
25	74	0	44.3939	.00000	.99999	41	10	48	58.9394	.00000	.99999
16	80	3	54.6212	.00000	.99999	30	14	55	70.2273	.00000	.99999
30	15	54	65.9318	.00000	.99999	28	15	56	72.4167	.00000	.99999
18	79	2	52.8409	.00000	.99999	32	13	54	68.4167	.00000	.99999
43	12	44	52.6364	.00000	.99999	45	9	45	56.2500	.00000	.99999
32	14	53	64.1667	.00000	.99999	37	11	51	63.4621	.00000	.99999
22	20	57	72.4394	.00000	.99999	23	18	58	77.3030	.00000	.99999
28	16	55	65.0758	.00000	.99999	26	16	57	74.9848	.00000	.99999
37	12	50	59.3939	.00000	.99999	22	77	0	50.4167	.00000	.99999
14	81	4	56.7803	.00000	.99999	34	12	53	66.9848	.00000	.99999
40	11	48	56.9621	.00000	.99999	16	81	2	58.0530	.00000	.99999
34	13	52	62.7803	.00000	.99999	17	23	59	80.0076	.00000	.99999
54	9	36	50.2136	.00000	.99999	54	8	37	53.0455	.00000	.99999
53	9	37	50.1894	.00000	.99999	40	10	49	60.8939	.00000	.99999
44	10	45	53.9848	.00000	.99999	18	22	59	80.0455	.00000	.99999
26	17	56	70.5985	.00000	.99999	16	24	59	80.0758	.00000	.99999
52	9	38	50.4167	.00000	.99999	53	8	38	53.2121	.00000	.99999
23	19	57	72.9167	.00000	.99999	14	82	3	60.1667	.00000	.99999
51	9	39	50.7955	.00000	.99999	52	8	39	53.5303	.00000	.99999
24	75	0	46.2955	.00000	.99999	44	9	46	57.6894	.00000	.99999
20	78	1	51.4394	.00000	.99999	19	21	59	80.1894	.00000	.99999
50	9	40	51.3258	.00000	.99999	15	25	59	80.25[illegible]	.00000	.99999
36	12	51	61.7727	.00000	.99999	51	8	40	54.0[illegible]	.00000	.99999
18	23	58	75.7500	.00000	.99999	24	17	58	77.9318	.00000	.99999
17	24	58	75.7576	.00000	.99999	20	20	59	80.4394	.00000	.99999
43	10	46	55.4848	.00000	.99999	50	8	41	54.6212	.00000	.99999
39	11	49	58.9773	.00000	.99999	18	80	1	56.3182	.00000	.99999
49	9	41	52.0076	.00000	.99999	29	14	56	73.4848	.00000	.99999
19	22	58	75.8485	.00000	.99999	36	11	52	65.9318	.00000	.99999
16	25	58	75.8712	.00000	.99999	31	13	55	71.4621	.00000	.99999
29	15	55	69.0985	.00000	.99999	43	9	47	59.2803	.00000	.99999
31	14	54	67.1212	.00000	.99999	39	10	50	63.0000	.00000	.99999
24	18	57	73.5000	.00000	.99999	27	15	57	75.8864	.00000	.99999
20	21	58	76.0530	.00000	.99999	49	8	42	55.3939	.00000	.99999
15	26	58	76.0909	.00000	.99999	21	19	59	80.7955	.00000	.99999
17	80	2	55.3939	.00000	.99999	33	12	54	69.8182	.00000	.99999
15	81	3	57.3469	.00000	.99999	21	78	0	52.6364	.00000	.99999
27	16	56	71.4545	.00000	.99999	48	8	43	56.3182	.00000	.99999
33	13	53	65.5227	.00000	.99999	25	16	58	78.6667	.00000	.99999
48	9	42	52.8409	.00000	.99999	42	9	48	61.0227	.00000	.95999
42	10	47	57.1364	.00000	.99999	22	18	59	81.2576	.00000	.99999
21	20	58	75.3636	.00000	.99999	47	8	44	57.3939	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
38	10	51	65.2576	.00000	.99999	38	9	52	69.5076	.00000	.99999
15	82	2	60.8182	.00000	.99999	23	16	60	86.4848	.00000	.99999
35	11	53	68.5530	.00000	.99999	28	13	58	81.5076	.00000	.99999
30	13	56	74.6591	.00000	.99999	47	7	45	61.2985	.00000	.99999
28	14	57	76.8939	.00000	.99999	19	19	61	89.2803	.00000	.99999
17	22	60	84.3939	.00000	.99999	30	12	57	79.2273	.00000	.99999
16	23	60	84.4167	.00000	.99999	26	14	59	84.1667	.00000	.99999
46	8	45	58.6212	.00000	.99999	32	11	56	77.3258	.00000	.99999
17	81	1	58.9167	.00000	.99999	20	18	61	89.6212	.00000	.99999
23	17	59	81.8258	.00000	.99999	46	7	46	62.4167	.00000	.99999
41	9	49	62.9167	.00000	.99999	41	8	50	67.0303	.00000	.99999
18	21	60	84.4773	.00000	.99999	18	81	0	59.9318	.00000	.99999
32	12	55	72.8030	.00000	.99999	15	83	1	64.4318	.00000	.99999
15	24	60	84.5455	.00000	.99999	24	15	60	87.2045	.00000	.99999
26	15	58	79.5076	.00000	.99999	37	9	53	72.0076	.00000	.99999
19	20	60	84.6667	.00000	.99999	34	10	55	75.8030	.00000	.99999
20	79	0	54.9621	.00000	.99999	21	17	61	90.0682	.00000	.99999
37	10	52	67.6667	.00000	.99999	45	7	47	63.8864	.00000	.99999
45	8	46	60.0000	.00000	.99999	54	6	39	59.3182	.00000	.99999
34	11	54	71.3258	.00000	.99999	40	8	51	69.1667	.00000	.99999
20	19	60	84.9621	.00000	.99999	53	6	40	59.6667	.00000	.99999
54	7	38	56.1136	.00000	.99999	29	12	58	82.6667	.00000	.99999
40	9	50	64.9621	.00000	.99999	27	13	59	85.1591	.00000	.99999
53	7	39	56.3712	.00000	.99999	52	6	41	60.1667	.00000	.99999
24	16	59	82.5000	.00000	.99999	31	11	57	80.5530	.00000	.99999
52	7	40	56.7803	.00000	.99999	44	7	48	65.5076	.00000	.99999
44	8	47	61.5303	.00000	.99999	22	16	61	90.6212	.00000	.99999
21	18	60	85.3636	.00000	.99999	16	21	62	93.5076	.00000	.99999
29	13	57	78.0076	.00000	.99999	15	22	62	93.5455	.00000	.99999
51	7	41	57.3409	.00000	.99999	51	6	42	60.8182	.00000	.99999
31	12	56	75.9394	.00000	.99999	17	20	62	93.5758	.00000	.99999
27	14	58	80.4545	.00000	.99999	25	14	60	88.0303	.00000	.99999
14	83	2	63.6894	.00000	.99999	36	9	54	74.6591	.00000	.99999
36	10	53	70.2273	.00000	.99999	18	19	62	93.7500	.00000	.99999
50	7	42	58.0530	.00000	.99999	50	6	43	61.6212	.00000	.99999
39	9	51	67.1591	.00000	.99999	33	10	56	78.8182	.00000	.99999
16	82	1	61.6212	.00000	.99999	39	8	52	71.4545	.00000	.99999
43	8	48	63.2121	.00000	.99999	17	82	0	62.5758	.00000	.99999
19	80	0	57.3939	.00000	.99999	43	7	49	67.2803	.00000	.99999
33	11	55	74.2500	.00000	.99999	19	18	62	94.0303	.00000	.99999
22	17	60	85.8712	.00000	.99999	49	6	44	62.5758	.00000	.99999
25	15	59	83.2803	.00000	.99999	23	15	61	91.2803	.00000	.99999
49	7	43	58.9167	.00000	.99999	14	84	1	67.3485	.00000	.99999
16	22	61	88.8939	.00000	.99999	28	12	59	86.2576	.00000	.99999
17	21	61	88.9167	.00000	.99999	48	6	45	63.6818	.00000	.99999
48	7	44	59.9318	.00000	.99999	20	17	62	94.4167	.00000	.99999
15	23	61	88.9773	.00000	.99999	30	11	58	83.9318	.00000	.99999
18	20	61	89.0455	.00000	.99999	35	9	55	77.4621	.00000	.99999
42	8	49	65.0455	.00000	.99999	26	13	60	88.9621	.00000	.99999
35	10	54	72.9394	.00000	.99999	42	7	50	69.2045	.00000	.99999

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
38	8	53	73.8939	.00000	.99999	18	17	64	103.5682	.00000	.99999
47	6	46	64.9394	.00000	.99999	22	14	63	100.5303	.00000	.99999
32	10	57	81.9848	.00000	.99999	41	6	52	75.6667	.00000	.99999
24	14	61	92.0455	.00000	.99999	27	11	61	94.9773	.00000	.99999
21	16	62	94.9091	.00000	.99999	34	8	57	85.1667	.00000	.99999
41	7	51	71.2803	.00000	.99999	46	5	48	70.4167	.00000	.99999
46	6	47	66.3485	.00000	.99999	29	10	60	92.3939	.00000	.99999
16	83	0	65.3258	.00000	.99999	37	7	55	81.0985	.00000	.99999
15	21	63	98.2500	.00000	.99999	14	85	0	71.1439	.00000	.99999
16	20	63	98.2576	.00000	.99999	19	16	64	103.9394	.00000	.99999
37	8	54	75.4848	.00000	.99999	25	12	62	97.9394	.00000	.99999
35	9	55	80.4167	.00000	.99999	31	9	59	90.1894	.00000	.99999
17	19	63	98.3712	.00000	.99999	45	5	49	72.0682	.00000	.99999
27	12	60	90.6000	.00000	.99999	23	13	63	101.2803	.00000	.99999
29	11	59	87.4621	.00000	.99999	40	6	53	79.9848	.00000	.99999
22	15	62	95.5076	.00000	.99999	54	4	41	66.1364	.00000	.99999
45	6	48	67.9091	.00000	.99999	20	15	64	104.4167	.00000	.99999
18	18	63	98.5949	.00000	.99999	53	4	42	66.6667	.00000	.99999
54	5	40	62.6591	.00000	.99999	36	7	56	83.9318	.00000	.99999
40	7	52	73.5076	.00000	.99999	33	8	58	88.3636	.00000	.99999
25	13	61	92.9167	.00000	.99999	52	4	43	67.3485	.00000	.99999
31	10	58	85.3030	.00000	.99999	44	5	50	73.8712	.00000	.99999
53	5	41	63.0985	.00000	.99999	15	19	65	108.0682	.00000	.99999
19	17	63	98.9167	.00000	.99999	16	18	65	108.1667	.00000	.99999
52	5	42	63.6894	.00000	.99999	28	10	61	96.1667	.00000	.99999
44	6	49	69.6212	.00000	.99999	51	4	44	68.1818	.00000	.99999
36	8	55	79.2273	.00000	.99999	26	11	62	98.9621	.00000	.99999
51	5	43	64.4318	.00000	.99999	21	14	64	105.0000	.00000	.99999
33	9	57	83.5227	.00000	.99999	39	6	54	80.4545	.00000	.99999
23	14	62	96.2121	.00000	.99999	17	17	65	108.3712	.00000	.99999
20	16	63	99.3485	.00000	.99999	30	9	60	93.7500	.00000	.99999
39	7	53	73.8864	.00000	.99999	24	12	63	102.1364	.00000	.99999
50	5	44	65.3258	.00000	.99999	50	4	45	69.1667	.00000	.99999
15	84	0	68.1818	.00000	.99999	43	5	51	75.8258	.00000	.99999
43	6	50	71.4848	.00000	.99999	35	7	57	86.9167	.00000	.99999
25	11	63	91.1439	.00000	.99999	18	16	65	108.6818	.00000	.99999
25	12	62	93.8939	.00000	.99999	49	4	46	70.3030	.00000	.99999
49	5	45	66.3712	.00000	.99999	32	8	59	91.7121	.00000	.99999
30	10	59	89.7727	.00000	.99999	22	13	64	105.6894	.00000	.99999
35	8	56	82.1212	.00000	.99999	38	6	55	83.0758	.00000	.99999
21	15	63	97.8864	.00000	.99999	48	4	47	71.5909	.00000	.99999
15	20	64	103.0909	.00000	.99999	42	5	52	77.9318	.00000	.99999
24	13	62	97.0227	.00000	.99999	19	15	65	109.0985	.00000	.99999
48	5	46	67.5682	.00000	.99999	27	10	62	100.0909	.00000	.99999
16	19	64	103.1439	.00000	.99999	25	11	63	103.0985	.00000	.99999
33	7	59	76.4167	.00000	.99999	29	9	61	97.4621	.00000	.99999
42	6	51	73.5000	.00000	.99999	47	4	48	73.0303	.00000	.99999
32	9	58	86.7803	.00000	.99999	34	7	58	90.0530	.00000	.99999
17	18	64	103.3030	.00000	.99999	20	14	65	109.6212	.00000	.99999
47	5	47	68.4167	.00000	.99999	41	5	53	80.1894	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)	U	V	W	X2	P(A)	CUM P(D)
37	6	56	85.8485	.00000	.99999	24	10	65	112.7727	.00000	.99999
23	12	64	106.4848	.00000	.99999	28	8	63	106.6212	.00000	.99999
31	8	60	95.2121	.00000	.99999	33	6	60	98.4545	.00000	.99999
15	18	66	113.1818	.00000	.99999	40	4	55	87.3485	.00000	.99999
46	4	49	74.6212	.00000	.99999	36	5	58	93.7500	.00000	.99999
16	17	66	113.3258	.00000	.99999	19	13	67	119.8258	.00000	.99999
17	16	66	113.5758	.00000	.99999	22	11	66	116.4167	.00000	.99999
40	5	54	82.5985	.00000	.99999	45	3	51	80.7955	.00000	.99999
21	13	65	110.2500	.00000	.99999	30	7	62	104.1136	.00000	.99999
45	4	50	76.3636	.00000	.99999	54	2	43	73.5000	.00000	.99999
33	7	59	93.3409	.00000	.99999	15	16	68	123.8182	.00000	.99999
26	10	63	104.1667	.00000	.99999	53	2	44	74.2121	.00000	.99999
54	3	42	69.7500	.00000	.99999	44	3	52	82.7803	.00000	.99999
36	6	57	88.7727	.00000	.99999	39	4	56	90.0000	.00000	.99999
28	9	62	101.3258	.00000	.99999	20	12	67	120.4394	.00000	.99999
53	3	43	70.3712	.00000	.99999	16	15	68	124.0530	.00000	.99999
24	11	64	107.3864	.00000	.99999	52	2	45	75.3758	.00000	.99999
18	15	66	113.9318	.00000	.99999	32	6	61	101.9848	.00000	.99999
44	4	51	78.2576	.00000	.99999	25	9	65	113.8258	.00000	.99999
30	8	61	98.8636	.00000	.99999	35	5	59	96.9167	.00000	.99999
52	3	44	71.1439	.00000	.99999	27	8	64	110.7273	.00000	.99999
39	5	55	85.1591	.00000	.99999	23	10	66	117.3030	.00000	.99999
22	12	65	110.9848	.00000	.99999	51	2	46	76.0909	.00000	.99999
51	3	45	72.0682	.00000	.99999	17	14	68	124.3939	.00000	.99999
19	14	66	114.3939	.00000	.99999	43	3	53	84.9167	.00000	.99999
35	6	58	91.8485	.00000	.99999	29	7	63	108.0076	.00000	.99999
43	4	52	80.3030	.00000	.99999	50	2	47	77.2576	.00000	.99999
50	3	46	73.1439	.00000	.99999	38	4	57	92.8030	.00000	.99999
32	7	60	96.7803	.00000	.99999	21	11	67	121.1591	.00000	.99999
27	9	63	105.3409	.00000	.99999	18	13	68	124.8409	.00000	.99999
25	10	64	108.3939	.00000	.99999	49	2	48	78.5758	.00000	.99999
49	3	47	74.3712	.00000	.99999	34	5	60	100.2348	.00000	.99999
38	5	56	87.8712	.00000	.99999	42	3	54	87.2045	.00000	.99999
15	17	67	118.4318	.00000	.99999	31	6	62	105.6667	.00000	.99999
20	13	66	114.9621	.00000	.99999	48	2	49	80.0455	.00000	.99999
29	8	62	102.6667	.00000	.99999	26	8	65	114.9848	.00000	.99999
42	4	53	82.5000	.00000	.99999	24	9	66	118.2955	.00000	.99999
23	11	65	111.8258	.00000	.99999	37	4	58	95.7576	.00000	.99999
16	16	67	118.6212	.00000	.99999	19	12	68	125.3939	.00000	.99999
48	3	48	75.7500	.00000	.99999	28	7	64	112.2530	.00000	.99999
34	6	59	95.0758	.00000	.99999	41	3	55	89.6439	.00000	.99999
17	15	67	118.9167	.00000	.99999	22	10	67	121.9848	.00000	.99999
31	7	61	100.3712	.00000	.99999	15	15	69	129.3409	.00000	.99999
47	3	49	77.2803	.00000	.99999	47	2	50	81.6667	.00000	.99999
37	5	57	90.7348	.00000	.99999	33	5	61	103.7045	.00000	.99999
21	12	66	115.6364	.00000	.99999	16	14	69	129.6212	.00000	.99999
41	4	54	84.8485	.00000	.99999	30	6	63	109.5000	.00000	.99999
18	14	67	119.3182	.00000	.99999	46	2	51	83.4394	.00000	.99999
26	9	64	109.5076	.00000	.99999	20	11	68	126.0530	.00000	.99999
46	3	50	78.9621	.00000	.99999	36	4	59	98.8636	.00000	.99999

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)
40	3	56	92.2348	.00000	.99999
17	13	69	130.0076	.00000	.99999
25	8	66	119.3939	.00000	.99999
45	2	52	85.3636	.00000	.99999
23	9	67	122.9167	.00000	.99999
27	7	65	115.2500	.00000	.99999
32	5	62	107.3258	.00000	.99999
39	3	57	94.9773	.00000	.99999
18	12	69	133.5000	.00000	.99999
35	4	60	102.1212	.00000	.99999
21	10	68	126.8182	.00000	.99999
54	1	44	77.3864	.00000	.99999
29	6	64	113.4848	.00000	.99999
44	2	53	87.4394	.00000	.99999
53	1	45	78.1894	.00000	.99999
52	1	46	79.1439	.00000	.99999
19	11	69	131.0985	.00000	.99999
43	2	54	89.6667	.00000	.99999
38	3	58	97.8712	.00000	.99999
15	14	70	135.0000	.00000	.99999
51	1	47	80.2500	.00000	.99999
24	8	67	123.9545	.00000	.99999
31	5	63	111.0985	.00000	.99999
26	7	66	120.5985	.00000	.99999
34	4	61	105.5303	.00000	.99999
22	9	68	127.6894	.00000	.99999
16	13	70	135.3258	.00000	.99999
50	1	48	81.5076	.00000	.99999
28	6	65	117.6212	.00000	.99999
42	2	55	92.0455	.00000	.99999
49	1	49	82.9167	.00000	.99999
37	3	59	100.9167	.00000	.99999
20	10	69	131.8030	.00000	.99999
17	12	70	135.7576	.00000	.99999
33	4	62	109.6909	.00000	.99999
30	5	64	115.0227	.00000	.99999
48	1	50	84.4773	.00000	.99999
41	2	56	94.5758	.00000	.99999
25	7	67	125.0985	.00000	.99999
23	8	68	128.6667	.00000	.99999
18	11	70	136.2955	.00000	.99999
47	1	51	86.1894	.00000	.99999
36	3	60	104.1136	.00000	.99999
27	6	66	121.9091	.00000	.99999
21	9	69	132.6136	.00000	.99999
40	2	57	97.2576	.00000	.99999
46	1	52	88.6530	.00000	.99999
32	4	63	112.8030	.00000	.99999
15	13	71	140.7955	.00000	.99999
29	5	65	119.0985	.00000	.99999

U	V	W	X2	P(A)	CUM P(D)
19	10	70	136.9394	.00000	.99999
35	3	61	107.4621	.00000	.99999
45	1	53	90.0682	.00000	.99999
16	12	71	141.1667	.00000	.99999
39	2	58	100.0909	.00000	.99999
24	7	68	129.7500	.00000	.99999
22	8	69	133.5303	.00000	.99999
26	6	67	126.3485	.00000	.99999
31	4	64	116.6667	.00000	.99999
44	1	54	92.2348	.00000	.99999
17	11	71	141.6439	.00000	.99999
20	9	70	137.6894	.00000	.99999
34	3	62	110.9621	.00000	.99999
28	5	66	123.3258	.00000	.99999
38	2	59	103.0758	.00000	.99999
54	0	45	81.4091	.00000	.99999
43	1	55	94.5530	.00000	.99999
53	0	46	82.3030	.00000	.99999
18	10	71	142.2273	.00000	.99999
52	0	47	83.3485	.00000	.99999
23	7	69	134.5530	.00000	.99999
30	4	65	120.6818	.00000	.99999
25	6	68	130.9394	.00000	.99999
37	2	60	106.2121	.00000	.99999
21	8	70	138.5455	.00000	.99999
33	3	63	114.6136	.00000	.99999
42	1	56	97.0227	.00000	.99999
51	0	48	84.5455	.00000	.99999
15	12	72	146.7273	.00000	.99999
27	5	67	127.7045	.00000	.99999
50	0	49	85.8939	.00000	.99999
19	9	71	142.9167	.00000	.99999
16	11	72	147.1439	.00000	.99999
41	1	57	99.6439	.00000	.99999
36	2	61	109.5000	.00000	.99999
49	0	50	87.3939	.00000	.99999
29	4	66	124.8485	.00000	.99999
32	3	64	118.4167	.00000	.99999
48	0	51	89.0455	.00000	.99999
22	7	70	139.5076	.00000	.99999
24	6	69	135.6818	.00000	.99999
17	10	72	147.6667	.00000	.99999
40	1	58	102.4167	.00000	.99999
20	8	71	143.7121	.00000	.99999
26	5	68	132.2348	.00000	.99999
47	0	52	90.8485	.00000	.99999
35	2	62	112.9394	.00000	.99999
31	3	65	122.3712	.00000	.99999
46	0	53	92.8030	.00000	.99999
18	9	72	148.2955	.00000	.99999

TABLE D

U	V	W	X2	P(A)	CUM P(D)
39	1	59	105.3409	.00000	.99999
28	4	67	129.1667	.00000	.99999
15	11	73	152.7955	.00000	.99999
34	2	63	116.5303	.00000	.99999
23	6	70	140.5758	.00000	.99999
45	0	54	94.9091	.00000	.99999
21	7	71	144.6136	.00000	.99999
25	5	69	136.9167	.00000	.99999
38	1	60	108.4167	.00000	.99999
16	10	73	153.2576	.00000	.99999
19	8	72	149.0303	.00000	.99999
30	3	66	126.4773	.00000	.99999
44	0	55	97.1667	.00000	.99999
27	4	68	133.6364	.00000	.99999
33	2	64	120.2727	.00000	.99999
37	1	61	111.6439	.00000	.99999
17	9	73	153.8258	.00000	.99999
43	0	56	99.5758	.00000	.99999
22	6	71	145.6212	.00000	.99999
24	5	70	141.7500	.00000	.99999
20	7	72	149.8712	.00000	.99999
29	3	67	130.7348	.00000	.99999
42	0	57	102.1364	.00000	.99999
32	2	65	124.1667	.00000	.99999
36	1	62	115.0227	.00000	.99999
26	4	69	138.2576	.00000	.99999
18	8	73	154.5000	.00000	.99999
15	10	74	159.0000	.00000	.99999
41	0	58	104.8485	.00000	.99999
28	3	68	135.1439	.00000	.99999
35	1	63	118.5530	.00000	.99999
21	6	72	150.8182	.00000	.99999
23	5	71	146.7348	.00000	.99999
16	9	74	159.5076	.00000	.99999
31	2	66	128.2121	.00000	.99999
19	7	73	155.2803	.00000	.99999
40	0	59	107.7121	.00000	.99999
25	4	70	143.0303	.00000	.99999
17	8	74	160.1212	.00000	.99999
34	1	64	122.2348	.00000	.99999
39	0	60	110.7273	.00000	.99999
27	3	69	139.7045	.00000	.99999
30	2	67	132.4091	.00000	.99999
22	5	72	151.8712	.00000	.99999
20	6	73	156.1667	.00000	.99999
24	4	71	147.9545	.00000	.99999
15	9	75	165.3409	.00000	.99999
38	0	61	113.8939	.00000	.99999
33	1	65	126.0682	.00000	.99999
18	7	74	160.8409	.00000	.99999

U	V	W	X2	P(A)	CUM P(D)
29	2	68	136.7576	.00000	.99999
26	3	70	144.4167	.00000	.99999
16	8	75	165.6939	.00000	.99999
37	0	62	117.2121	.00000	.99999
32	1	66	130.0530	.00000	.99999
21	5	73	157.1591	.00000	.99999
19	6	74	161.6667	.00000	.99999
23	4	72	153.0303	.00000	.99999
28	2	69	141.2576	.00000	.99999
36	0	63	120.6818	.00000	.99999
17	7	75	166.5530	.00000	.99999
25	3	71	149.2803	.00000	.99999
31	1	67	134.1894	.00000	.99999
15	8	76	171.8182	.00000	.99999
35	0	64	124.3030	.00000	.99999
20	5	74	162.5985	.00000	.99999
22	4	73	158.2576	.00000	.99999
27	2	70	145.9091	.00000	.99999
18	6	75	167.3182	.00000	.99999
24	3	72	154.2955	.00000	.99999
30	1	68	138.4773	.00000	.99999
16	7	76	172.4167	.00000	.99999
34	0	65	128.0758	.00000	.99999
26	2	71	150.7121	.00000	.99999
21	4	74	163.6364	.00000	.99999
19	5	75	168.1894	.00000	.99999
29	1	69	142.9167	.00000	.99999
33	0	66	132.0000	.00000	.99999
17	6	76	173.1212	.00000	.99999
23	3	73	159.4621	.00000	.99999
15	7	77	178.4318	.00000	.99999
25	2	72	155.6667	.00000	.99999
28	1	70	147.5076	.00000	.99999
32	0	67	136.0758	.00000	.99999
20	4	75	169.1667	.00000	.99999
18	5	76	173.9318	.00000	.99999
22	3	74	164.7803	.00000	.99999
16	6	77	179.0758	.00000	.99999
31	0	68	140.3030	.00000	.99999
27	1	71	152.2500	.00000	.99999
24	2	73	160.7727	.00000	.99999
19	4	76	174.8485	.00000	.99999
21	3	75	170.2500	.00000	.99999
17	5	77	179.8258	.00000	.99999
30	0	69	144.6818	.00000	.99999
26	1	72	157.1439	.00000	.99999
15	6	78	185.1818	.00000	.99999
23	2	74	166.0303	.00000	.99999
29	0	70	149.2121	.00000	.99999
18	4	77	180.6818	.00000	.99999

TABLE D

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(D)
20	3	76	175.8712	.00000	.99999
16	5	78	185.8712	.00000	.99999
25	1	73	162.1894	.00000	.99999
22	2	75	171.4394	.00000	.99999
28	0	71	153.8939	.00000	.99999
19	3	77	181.6439	.00000	.99999
24	1	74	167.3864	.00000	.99999
17	4	78	186.6667	.00000	.99999
21	2	76	177.0000	.00000	.99999
15	5	79	192.0682	.00000	.99999
27	0	72	158.7273	.00000	.99999
23	1	75	172.7348	.00000	.99999
18	3	78	187.5682	.00000	.99999
16	4	79	192.8030	.00000	.99999
26	0	73	163.7121	.00000	.99999
20	2	77	182.7121	.00000	.99999
22	1	76	178.2348	.00000	.99999
25	0	74	168.8485	.00000	.99999
17	3	79	193.6439	.00000	.99999
19	2	78	188.5758	.00000	.99999
15	4	80	199.0909	.00000	.99999
21	1	77	183.8864	.00000	.99999
24	0	75	174.1364	.00000	.99999
16	3	80	199.8712	.00000	.99999
18	2	79	194.5909	.00000	.99999
20	1	78	189.6894	.00000	.99999
23	0	76	179.5758	.00000	.99999
17	2	80	200.7576	.00000	.99999
15	3	81	206.2500	.00000	.99999
22	0	77	185.1667	.00000	.99999
19	1	79	195.6439	.00000	.99999
16	2	81	207.0758	.00000	.99999
21	0	78	190.9091	.00000	.99999
18	1	80	201.7500	.00000	.99999
20	0	79	195.8030	.00000	.99999
15	2	82	213.5455	.00000	.99999
17	1	81	208.0076	.00000	.99999
19	0	80	202.8485	.00000	.99999
16	1	82	214.4167	.00000	.99999
18	0	81	209.0455	.00000	.99999
15	1	83	220.9773	.00000	.99999
17	0	82	215.3939	.00000	.99999
16	0	83	221.8939	.00000	.99999
15	0	84	228.5455	.00000	.99999
0	0	99	346.5000	.00000	.00000

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
14	52	33	17.8939	.00000	.99996	15	16	68	123.8182	.00000	.99999
14	53	32	17.3258	.00000	.99995	15	17	67	118.4318	.00000	.99999
14	54	31	16.8939	.00000	.99993	15	18	66	113.1818	.00000	.99999
14	55	30	16.5985	.00000	.99992	15	19	65	108.0682	.00000	.99999
14	56	29	16.4394	.00000	.99992	15	20	64	103.0909	.00000	.99999
14	57	28	16.4167	.00000	.99992	15	21	63	98.2500	.00000	.99999
14	58	27	16.5303	.00000	.99992	15	22	62	93.5455	.00000	.99999
14	59	26	16.7803	.00000	.99993	15	23	61	88.9773	.00000	.99999
14	60	25	17.1667	.00000	.99994	15	24	60	84.5455	.00000	.99999
14	61	24	17.6894	.00000	.99995	15	25	59	80.2500	.00000	.99999
14	62	23	18.3485	.00000	.99996	15	26	58	76.0909	.00000	.99999
14	63	22	19.1439	.00000	.99997	15	27	57	72.0682	.00000	.99999
14	64	21	20.0758	.00000	.99998	15	28	56	68.1818	.00000	.99999
14	65	20	21.1439	.00000	.99998	15	29	55	64.4318	.00000	.99999
14	66	19	22.3485	.00000	.99999	15	30	54	60.8182	.00000	.99999
14	67	18	23.6894	.00000	.99999	15	31	53	57.3409	.00000	.99999
14	68	17	25.1667	.00000	.99999	15	32	52	54.0000	.00000	.99999
14	69	16	26.7803	.00000	.99999	15	33	51	50.7955	.00000	.99999
14	70	15	28.5303	.00000	.99999	15	34	50	47.7273	.00000	.99999
14	71	14	30.4167	.00000	.99999	15	35	49	44.7955	.00000	.99999
14	72	13	32.4394	.00000	.99999	15	36	48	42.0000	.00000	.99999
14	73	12	34.5985	.00000	.99999	15	37	47	39.3409	.00000	.99999
14	74	11	36.8939	.00000	.99999	15	38	46	36.8182	.00000	.99999
14	75	10	39.3258	.00000	.99999	15	39	45	34.4318	.00000	.99999
14	76	9	41.8939	.00000	.99999	15	40	44	32.1818	.00000	.99999
14	77	8	44.5985	.00000	.99999	15	41	43	30.0682	.00000	.99999
14	78	7	47.4394	.00000	.99999	15	42	42	28.0909	.00000	.99999
14	79	6	50.4167	.00000	.99999	15	43	41	26.2500	.00000	.99999
14	80	5	53.5303	.00000	.99999	15	44	40	24.5455	.00000	.99999
14	81	4	56.7803	.00000	.99999	15	45	39	22.9773	.00000	.99998
14	82	3	60.1667	.00000	.99999	15	46	38	21.5455	.00000	.99998
14	83	2	63.6894	.00000	.99999	15	47	37	20.2500	.00000	.99997
14	84	1	67.3485	.00000	.99999	15	48	36	19.0909	.00000	.99996
14	85	0	71.1439	.00000	.99999	15	49	35	18.0682	.00000	.99994
15	0	84	228.5455	.00000	.99999	15	50	34	17.1818	.00000	.99991
15	1	83	220.9773	.00000	.99999	15	51	33	16.4318	.00000	.99988
15	2	82	213.5455	.00000	.99999	15	52	32	15.8182	.00000	.99985
15	3	81	206.2500	.00000	.99999	15	53	31	15.3409	.00000	.99983
15	4	80	199.0909	.00000	.99999	15	54	30	15.0000	.00000	.99980
15	5	79	192.0682	.00000	.99999	15	55	29	14.7955	.00000	.99978
15	6	78	185.1818	.00000	.99999	15	56	28	14.7273	.00000	.99976
15	7	77	178.4318	.00000	.99999	15	57	27	14.7955	.00000	.99977
15	8	76	171.8182	.00000	.99999	15	58	26	15.0000	.00000	.99979
15	9	75	165.3409	.00000	.99999	15	59	25	15.3409	.00000	.99982
15	10	74	159.0000	.00000	.99999	15	60	24	15.8182	.00000	.99984
15	11	73	152.7955	.00000	.99999	15	61	23	16.4318	.00000	.99988
15	12	72	146.7273	.00000	.99999	15	62	22	17.1818	.00000	.99991
15	13	71	140.7955	.00000	.99999	15	63	21	18.0682	.00000	.99994
15	14	70	135.0000	.00000	.99999	15	64	20	19.0909	.00000	.99996
15	15	69	129.3409	.00000	.99999	15	65	19	20.2500	.00000	.99997

(1)

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
15	66	18	21.5455	.00000	.99998	16	31	52	53.5076	.00000	.99999
15	67	17	22.9773	.00000	.99999	16	32	51	50.2576	.00000	.99999
15	68	16	24.5455	.00000	.99999	16	33	50	47.1439	.00000	.99999
15	69	15	26.2500	.00000	.99999	16	34	49	44.1667	.00000	.99999
15	70	14	28.0909	.00000	.99999	16	35	48	41.3258	.00000	.99999
15	71	13	30.0682	.00000	.99999	16	36	47	38.6212	.00000	.99999
15	72	12	32.1818	.00000	.99999	16	37	46	36.0530	.00000	.99999
15	73	11	34.4318	.00000	.99999	16	38	45	33.6212	.00000	.99999
15	74	10	36.8182	.00000	.99999	16	39	44	31.3258	.00000	.99999
15	75	9	39.3409	.00000	.99999	16	40	43	29.1667	.00000	.99999
15	76	8	42.0000	.00000	.99999	16	41	42	27.1439	.00000	.99999
15	77	7	44.7955	.00000	.99999	16	42	41	25.2576	.00000	.99999
15	78	6	47.7273	.00000	.99999	16	43	40	23.5076	.00000	.99998
15	79	5	50.7955	.00000	.99999	16	44	39	21.8939	.00000	.99997
15	80	4	54.0000	.00000	.99999	16	45	38	20.4167	.00000	.99996
15	81	3	57.3409	.00000	.99999	16	46	37	19.0758	.00000	.99994
15	82	2	60.8182	.00000	.99999	16	47	36	17.8712	.00000	.99990
15	83	1	64.4318	.00000	.99999	16	48	35	16.8030	.00000	.99986
15	84	0	68.1818	.00000	.99999	16	49	34	15.8712	.00000	.99980
16	0	83	221.8939	.00000	.99999	16	50	33	15.0758	.00000	.99971
16	1	82	214.4167	.00000	.99999	16	51	32	14.4167	.00000	.99962
16	2	81	207.0758	.00000	.99999	16	52	31	13.8939	.00000	.99954
16	3	80	199.8712	.00000	.99999	16	53	30	13.5076	.00000	.99948
16	4	79	192.8030	.00000	.99999	16	54	29	13.2576	.00001	.99942
16	5	78	185.8712	.00000	.99999	16	55	28	13.1439	.00001	.99938
16	6	77	179.0758	.00000	.99999	16	56	27	13.1667	.00001	.99938
16	7	76	172.4167	.00000	.99999	16	57	26	13.3258	.00001	.99942
16	8	75	165.8939	.00000	.99999	16	58	25	13.6212	.00000	.99948
16	9	74	159.5076	.00000	.99999	16	59	24	14.0530	.00000	.99957
16	10	73	153.2576	.00000	.99999	16	60	23	14.6212	.00000	.99964
16	11	72	147.1439	.00000	.99999	16	61	22	15.3258	.00000	.99973
16	12	71	141.1667	.00000	.99999	16	62	21	16.1667	.00000	.99982
16	13	70	135.3258	.00000	.99999	16	63	20	17.1439	.00000	.99988
16	14	69	129.6212	.00000	.99999	16	64	19	18.2576	.00000	.99992
16	15	68	124.0530	.00000	.99999	16	65	18	19.5076	.00000	.99995
16	16	67	118.6212	.00000	.99999	16	66	17	20.8939	.00000	.99997
16	17	66	113.3258	.00000	.99999	16	67	16	22.4167	.00000	.99998
16	18	65	108.1667	.00000	.99999	16	68	15	24.0758	.00000	.99999
16	19	64	103.1439	.00000	.99999	16	69	14	25.8712	.00000	.99999
16	20	63	98.2576	.00000	.99999	16	70	13	27.8030	.00000	.99999
16	21	62	93.5076	.00000	.99999	16	71	12	29.8712	.00000	.99999
16	22	61	88.8939	.00000	.99999	16	72	11	32.0758	.00000	.99999
16	23	60	84.4167	.00000	.99999	16	73	10	34.4167	.00000	.99999
16	24	59	80.0758	.00000	.99999	16	74	9	36.8939	.00000	.99999
16	25	58	75.8712	.00000	.99999	16	75	8	39.5076	.00000	.99999
16	26	57	71.8030	.00000	.99999	16	76	7	42.2576	.00000	.99999
16	27	56	67.8712	.00000	.99999	16	77	6	45.1439	.00000	.99999
16	28	55	64.0758	.00000	.99999	16	78	5	48.1667	.00000	.99999
16	29	54	60.4167	.00000	.99999	16	79	4	51.3258	.00000	.99999
16	30	53	56.8939	.00000	.99999	16	80	3	54.6212	.00000	.99999

(2)

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
16	81	2	58.0530	.00000	.99999	17	47	35	15.6439	.00000	.99969
16	82	1	61.6212	.00000	.99999	17	48	34	14.6667	.00000	.99955
16	83	0	65.3258	.00000	.99999	17	49	33	13.8258	.00001	.99936
17	0	82	215.3939	.00000	.99999	17	50	32	13.1212	.00001	.99919
17	1	81	208.0076	.00000	.99999	17	51	31	12.5530	.00001	.99895
17	2	80	200.7576	.00000	.99999	17	52	30	12.1212	.00001	.99873
17	3	79	193.6439	.00000	.99999	17	53	29	11.8258	.00001	.99859
17	4	78	186.6667	.00000	.99999	17	54	28	11.6667	.00001	.99850
17	5	77	179.8258	.00000	.99999	17	55	27	11.6439	.00001	.99847
17	6	76	173.1212	.00000	.99999	17	56	26	11.7576	.00001	.99854
17	7	75	166.5530	.00000	.99999	17	57	25	12.0076	.00001	.99863
17	8	74	160.1212	.00000	.99999	17	58	24	12.3939	.00001	.99882
17	9	73	153.8258	.00000	.99999	17	59	23	12.9167	.00001	.99906
17	10	72	147.6667	.00000	.99999	17	60	22	13.5758	.00001	.99929
17	11	71	141.6439	.00000	.99999	17	61	21	14.3712	.00000	.99949
17	12	70	135.7576	.00000	.99999	17	62	20	15.3030	.00000	.99965
17	13	69	130.0076	.00000	.99999	17	63	19	16.3712	.00000	.99978
17	14	68	124.3939	.00000	.99999	17	64	18	17.5758	.00000	.99987
17	15	67	118.9167	.00000	.99999	17	65	17	18.9167	.00000	.99993
17	16	66	113.5758	.00000	.99999	17	66	16	20.3939	.00000	.99996
17	17	65	108.3712	.00000	.99999	17	67	15	22.0076	.00000	.99998
17	18	64	103.3030	.00000	.99999	17	68	14	23.7576	.00000	.99999
17	19	63	98.3712	.00000	.99999	17	69	13	25.6439	.00000	.99999
17	20	62	93.5758	.00000	.99999	17	70	12	27.6667	.00000	.99999
17	21	61	88.9167	.00000	.99999	17	71	11	29.8258	.00000	.99999
17	22	60	84.3939	.00000	.99999	17	72	10	32.1212	.00000	.99999
17	23	59	80.0076	.00000	.99999	17	73	9	34.5530	.00000	.99999
17	24	58	75.7576	.00000	.99999	17	74	8	37.1212	.00000	.99999
17	25	57	71.6439	.00000	.99999	17	75	7	39.8258	.00000	.99999
17	26	56	67.6667	.00000	.99999	17	76	6	42.6667	.00000	.99999
17	27	55	63.8258	.00000	.99999	17	77	5	45.6439	.00000	.99999
17	28	54	60.1212	.00000	.99999	17	78	4	48.7576	.00000	.99999
17	29	53	56.5530	.00000	.99999	17	79	3	52.0076	.00000	.99999
17	30	52	53.1212	.00000	.99999	17	80	2	55.3939	.00000	.99999
17	31	51	49.8258	.00000	.99999	17	81	1	58.9167	.00000	.99999
17	32	50	46.6667	.00000	.99999	17	82	0	62.5758	.00000	.99999
17	33	49	43.6439	.00000	.99999	18	0	81	209.0455	.00000	.99999
17	34	48	40.7576	.00000	.99999	18	1	80	201.7500	.00000	.99999
17	35	47	38.0076	.00000	.99999	18	2	79	194.5909	.00000	.99999
17	36	46	35.3939	.00000	.99999	18	3	78	187.5682	.00000	.99999
17	37	45	32.9167	.00000	.99999	18	4	77	180.6818	.00000	.99999
17	38	44	30.5758	.00000	.99999	18	5	76	173.9318	.00000	.99999
17	39	43	28.3712	.00000	.99999	18	6	75	167.3182	.00000	.99999
17	40	42	26.3030	.00000	.99999	18	7	74	160.8409	.00000	.99999
17	41	41	24.3712	.00000	.99998	18	8	73	154.5000	.00000	.99999
17	42	40	22.5758	.00000	.99997	18	9	72	148.2955	.00000	.99999
17	43	39	20.9167	.00000	.99996	18	10	71	142.2273	.00000	.99999
17	44	38	19.3939	.00000	.99993	18	11	70	136.2955	.00000	.99999
17	45	37	18.0076	.00000	.99988	18	12	69	130.5000	.00000	.99999
17	46	36	16.7576	.00000	.99981	18	13	68	124.8409	.00000	.99999

(3)

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
18	14	67	119.3182	.00000	.99999	18	64	17	17.0455	.00000	.99981
18	15	66	113.9318	.00000	.99999	18	65	16	18.4773	.00000	.99989
18	16	65	108.6818	.00000	.99999	18	66	15	20.0455	.00000	.99995
18	17	64	103.5682	.00000	.99999	18	67	14	21.7500	.00000	.99997
18	18	63	98.5909	.00000	.99999	18	68	13	23.5909	.00000	.99998
18	19	62	93.7500	.00000	.99999	18	69	12	25.5682	.00000	.99999
18	20	61	89.0455	.00000	.99999	18	70	11	27.6818	.00000	.99999
18	21	60	84.4773	.00000	.99999	18	71	10	29.9318	.00000	.99999
18	22	59	80.0455	.00000	.99999	18	72	9	32.3182	.00000	.99999
18	23	58	75.7500	.00000	.99999	18	73	8	34.8409	.00000	.99999
18	24	57	71.5909	.00000	.99999	18	74	7	37.5000	.00000	.99999
18	25	56	67.5682	.00000	.99999	18	75	6	40.2955	.00000	.99999
18	26	55	63.6818	.00000	.99999	18	76	5	43.2273	.00000	.99999
18	27	54	59.9318	.00000	.99999	18	77	4	46.2955	.00000	.99999
18	28	53	56.3182	.00000	.99999	18	78	3	49.5000	.00000	.99999
18	29	52	52.8409	.00000	.99999	18	79	2	52.8409	.00000	.99999
18	30	51	49.5000	.00000	.99999	18	80	1	56.3182	.00000	.99999
18	31	50	46.2955	.00000	.99999	18	81	0	59.9318	.00000	.99999
18	32	49	43.2273	.00000	.99999	19	0	80	202.8485	.00000	.99999
18	33	48	40.2955	.00000	.99999	19	1	79	195.6439	.00000	.99999
18	34	47	37.5000	.00000	.99999	19	2	78	188.5758	.00000	.99999
18	35	46	34.8409	.00000	.99999	19	3	77	181.6439	.00000	.99999
18	36	45	32.3182	.00000	.99999	19	4	76	174.8485	.00000	.99999
18	37	44	29.9318	.00000	.99999	19	5	75	168.1894	.00000	.99999
18	38	43	27.6818	.00000	.99999	19	6	74	161.6667	.00000	.99999
18	39	42	25.5682	.00000	.99998	19	7	73	155.2803	.00000	.99999
18	40	41	23.5909	.00000	.99998	19	8	72	149.0303	.00000	.99999
18	41	40	21.7500	.00000	.99996	19	9	71	142.9167	.00000	.99999
18	42	39	20.0455	.00000	.99993	19	10	70	136.9394	.00000	.99999
18	43	38	18.4773	.00000	.99987	19	11	69	131.0985	.00000	.99999
18	44	37	17.0455	.00000	.99977	19	12	68	125.3939	.00000	.99999
18	45	36	15.7500	.00000	.99961	19	13	67	119.8258	.00000	.99999
18	46	35	14.5909	.00001	.99939	19	14	66	114.3939	.00000	.99999
18	47	34	13.5682	.00001	.99910	19	15	65	109.0985	.00000	.99999
18	48	33	12.6818	.00001	.99869	19	16	64	103.9394	.00000	.99999
18	49	32	11.9318	.00002	.99827	19	17	63	98.9167	.00000	.99999
18	50	31	11.3182	.00002	.99778	19	18	62	94.0303	.00000	.99999
18	51	30	10.8409	.00003	.99726	19	19	61	89.2803	.00000	.99999
18	52	29	10.5000	.00003	.99685	19	20	60	84.6667	.00000	.99999
18	53	28	10.2955	.00003	.99645	19	21	59	80.1894	.00000	.99999
18	54	27	10.2273	.00003	.99632	19	22	58	75.8485	.00000	.99999
18	55	26	10.2955	.00003	.99639	19	23	57	71.6439	.00000	.99999
18	56	25	10.5000	.00003	.99667	19	24	56	67.5758	.00000	.99999
18	57	24	10.8409	.00003	.99713	19	25	55	63.6439	.00000	.99999
18	58	23	11.3182	.00002	.99776	19	26	54	59.8485	.00000	.99999
18	59	22	11.9318	.00002	.99819	19	27	53	56.1894	.00000	.99999
18	60	21	12.6818	.00001	.99867	19	28	52	52.6667	.00000	.99999
18	61	20	13.5682	.00001	.99909	19	29	51	49.2803	.00000	.99999
18	62	19	14.5909	.00001	.99941	19	30	50	46.0303	.00000	.99999
18	63	18	15.7500	.00000	.99964	19	31	49	42.9167	.00000	.99999

(4)

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
19	32	48	39.9394	.00000	.99999	20	1	78	189.6894	.00000	.99999
19	33	47	37.0985	.00000	.99999	20	2	77	182.7121	.00000	.99999
19	34	46	34.3939	.00000	.99999	20	3	76	175.8712	.00000	.99999
19	35	45	31.8258	.00000	.99999	20	4	75	169.1667	.00000	.99999
19	36	44	29.3939	.00000	.99999	20	5	74	162.5985	.00000	.99999
19	37	43	27.0985	.00000	.99999	20	6	73	156.1667	.00000	.99999
19	38	42	24.9394	.00000	.99998	20	7	72	149.8712	.00000	.99999
19	39	41	22.9167	.00000	.99997	20	8	71	143.7121	.00000	.99999
19	40	40	21.0303	.00000	.99994	20	9	70	137.6894	.00000	.99999
19	41	39	19.2803	.00000	.99988	20	10	69	131.8030	.00000	.99999
19	42	38	17.6667	.00000	.99977	20	11	68	126.0530	.00000	.99999
19	43	37	16.1894	.00000	.99959	20	12	67	120.4394	.00000	.99999
19	44	36	14.8485	.00001	.99933	20	13	66	114.9621	.00000	.99999
19	45	35	13.6439	.00001	.99888	20	14	65	109.6212	.00000	.99999
19	46	34	12.5758	.00002	.99833	20	15	64	104.4167	.00000	.99999
19	47	33	11.6439	.00002	.99767	20	16	63	99.3485	.00000	.99999
19	48	32	10.8485	.00003	.99651	20	17	62	94.4167	.00000	.99999
19	49	31	10.1894	.00004	.99555	20	18	61	89.6212	.00000	.99999
19	50	30	9.6667	.00005	.99473	20	19	60	84.9621	.00000	.99999
19	51	29	9.2803	.00006	.99370	20	20	59	80.4394	.00000	.99999
19	52	28	9.0303	.00007	.99275	20	21	58	76.0530	.00000	.99999
19	53	27	8.9167	.00007	.99213	20	22	57	71.8030	.00000	.99999
19	54	26	8.9394	.00007	.99220	20	23	56	67.6894	.00000	.99999
19	55	25	9.0985	.00007	.99288	20	24	55	63.7121	.00000	.99999
19	56	24	9.3939	.00006	.99376	20	25	54	59.8712	.00000	.99999
19	57	23	9.8258	.00005	.99483	20	26	53	56.1667	.00000	.99999
19	58	22	10.3939	.00004	.99567	20	27	52	52.5985	.00000	.99999
19	59	21	11.0985	.00003	.99679	20	28	51	49.1667	.00000	.99999
19	60	20	11.9394	.00002	.99782	20	29	50	45.8712	.00000	.99999
19	61	19	12.9167	.00001	.99856	20	30	49	42.7121	.00000	.99999
19	62	18	14.0303	.00001	.99912	20	31	48	39.6894	.00000	.99999
19	63	17	15.2803	.00000	.99950	20	32	47	36.8030	.00000	.99999
19	64	16	16.6667	.00000	.99973	20	33	46	34.0530	.00000	.99999
19	65	15	18.1894	.00000	.99987	20	34	45	31.4394	.00000	.99999
19	66	14	19.8485	.00000	.99994	20	35	44	28.9621	.00000	.99999
19	67	13	21.6439	.00000	.99997	20	36	43	26.6212	.00000	.99998
19	68	12	23.5758	.00000	.99998	20	37	42	24.4167	.00000	.99998
19	69	11	25.6439	.00000	.99999	20	38	41	22.3485	.00000	.99996
19	70	10	27.8485	.00000	.99999	20	39	40	20.4167	.00000	.99990
19	71	9	30.1894	.00000	.99999	20	40	39	18.6212	.00000	.99981
19	72	8	32.6667	.00000	.99999	20	41	38	16.9621	.00000	.99962
19	73	7	35.2803	.00000	.99999	20	42	37	15.4394	.00001	.99934
19	74	6	38.0303	.00000	.99999	20	43	36	14.0530	.00001	.99885
19	75	5	40.9167	.00000	.99999	20	44	35	12.8030	.00002	.99807
19	76	4	43.9394	.00000	.99999	20	45	34	11.6894	.00003	.99710
19	77	3	47.0985	.00000	.99999	20	46	33	10.7121	.00004	.99563
19	78	2	50.3939	.00000	.99999	20	47	32	9.8712	.00006	.99399
19	79	1	53.8258	.00000	.99999	20	48	31	9.1667	.00008	.99118
19	80	0	57.3939	.00000	.99999	20	49	30	8.5985	.00010	.98969
20	0	79	196.8030	.00000	.99999	20	50	29	8.1667	.00011	.98749

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
20	51	28	7.8712	.00013	.98600	21	21	57	72.0682	.00000	.99999
20	52	27	7.7121	.00014	.98466	21	22	56	67.9091	.00000	.99999
20	53	26	7.6894	.00014	.98423	21	23	55	63.8864	.00000	.99999
20	54	25	7.8030	.00014	.98493	21	24	54	60.0000	.00000	.99999
20	55	24	8.0530	.00013	.98665	21	25	53	56.2500	.00000	.99999
20	56	23	8.4394	.00011	.98846	21	26	52	52.6364	.00000	.99999
20	57	22	8.9621	.00009	.99060	21	27	51	49.1591	.00000	.99999
20	58	21	9.6212	.00007	.99308	21	28	50	45.8182	.00000	.99999
20	59	20	10.4167	.00005	.99503	21	29	49	42.6136	.00000	.99999
20	60	19	11.3485	.00003	.99655	21	30	48	39.5455	.00000	.99999
20	61	18	12.4167	.00002	.99792	21	31	47	36.6136	.00000	.99999
20	62	17	13.6212	.00001	.99879	21	32	46	33.8182	.00000	.99999
20	63	16	14.9621	.00001	.99935	21	33	45	31.1591	.00000	.99999
20	64	15	16.4394	.00000	.99968	21	34	44	28.6364	.00000	.99999
20	65	14	18.0530	.00000	.99985	21	35	43	26.2500	.00000	.99998
20	66	13	19.8030	.00000	.99994	21	36	42	24.0000	.00000	.99997
20	67	12	21.6894	.00000	.99997	21	37	41	21.8864	.00000	.99994
20	68	11	23.7121	.00000	.99998	21	38	40	19.9091	.00000	.99987
20	69	10	25.8712	.00000	.99999	21	39	39	18.0682	.00000	.99972
20	70	9	28.1667	.00000	.99999	21	40	38	16.3636	.00001	.99947
20	71	8	30.5985	.00000	.99999	21	41	37	14.7955	.00001	.99901
20	72	7	33.1667	.00000	.99999	21	42	36	13.3636	.00002	.99825
20	73	6	35.8712	.00000	.99999	21	43	35	12.0682	.00003	.99707
20	74	5	38.7121	.00000	.99999	21	44	34	10.9091	.00004	.99525
20	75	4	41.6894	.00000	.99999	21	45	33	9.8864	.00007	.99295
20	76	3	44.8030	.00000	.99999	21	46	32	9.0000	.00010	.98978
20	77	2	48.0530	.00000	.99999	21	47	31	8.2500	.00013	.98613
20	78	1	51.4394	.00000	.99999	21	48	30	7.6364	.00017	.98194
20	79	0	54.9621	.00000	.99999	21	49	29	7.1591	.00020	.97776
21	0	78	190.9091	.00000	.99999	21	50	28	6.8182	.00024	.97402
21	1	77	183.8864	.00000	.99999	21	51	27	6.6136	.00026	.97163
21	2	76	177.0000	.00000	.99999	21	52	26	6.5455	.00027	.97024
21	3	75	170.2500	.00000	.99999	21	53	25	6.6136	.00027	.97109
21	4	74	163.6364	.00000	.99999	21	54	24	6.8182	.00025	.97283
21	5	73	157.1591	.00000	.99999	21	55	23	7.1591	.00021	.97671
21	6	72	150.8182	.00000	.99999	21	56	22	7.6364	.00018	.98057
21	7	71	144.6136	.00000	.99999	21	57	21	8.2500	.00014	.98521
21	8	70	138.5455	.00000	.99999	21	58	20	9.0000	.00010	.98940
21	9	69	132.6136	.00000	.99999	21	59	19	9.8864	.00007	.99281
21	10	68	126.8182	.00000	.99999	21	60	18	10.9091	.00004	.99538
21	11	67	121.1591	.00000	.99999	21	61	17	12.0682	.00002	.99736
21	12	66	115.6364	.00000	.99999	21	62	16	13.3636	.00001	.99855
21	13	65	110.2500	.00000	.99999	21	63	15	14.7955	.00001	.99927
21	14	64	105.0000	.00000	.99999	21	64	14	16.3636	.00000	.99966
21	15	63	99.8864	.00000	.99999	21	65	13	18.0682	.00000	.99986
21	16	62	94.9091	.00000	.99999	21	66	12	19.9091	.00000	.99994
21	17	61	90.0682	.00000	.99999	21	67	11	21.8864	.00000	.99998
21	18	60	85.3636	.00000	.99999	21	68	10	24.0000	.00000	.99999
21	19	59	80.7955	.00000	.99999	21	69	9	26.2500	.00000	.99999
21	20	58	76.3636	.00000	.99999	21	70	8	28.6364	.00000	.99999

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
21	71	7	31.1591	.00000	.99999	22	42	35	11.4394	.00005	.99559
21	72	6	33.8182	.00000	.99999	22	43	34	10.2348	.00007	.99301
21	73	5	36.6136	.00000	.99999	22	44	33	9.1667	.00010	.98900
21	74	4	39.5455	.00000	.99999	22	45	32	8.2348	.00015	.98306
21	75	3	42.6136	.00000	.99999	22	46	31	7.4394	.00021	.97755
21	76	2	45.8182	.00000	.99999	22	47	30	6.7803	.00027	.96970
21	77	1	49.1591	.00000	.99999	22	48	29	6.2576	.00034	.96154
21	78	0	52.6364	.00000	.99999	22	49	28	5.8712	.00040	.95521
22	0	77	185.1667	.00000	.99999	22	50	27	5.6212	.00045	.94965
22	1	76	178.2348	.00000	.99999	22	51	26	5.5076	.00048	.94637
22	2	75	171.4394	.00000	.99999	22	52	25	5.5303	.00048	.94685
22	3	74	164.7803	.00000	.99999	22	53	24	5.6894	.00046	.95011
22	4	73	158.2576	.00000	.99999	22	54	23	5.9848	.00042	.95562
22	5	72	151.8712	.00000	.99999	22	55	22	6.4167	.00034	.96289
22	6	71	145.6212	.00000	.99999	22	56	21	6.9848	.00026	.97157
22	7	70	139.5076	.00000	.99999	22	57	20	7.6894	.00020	.97835
22	8	69	133.5303	.00000	.99999	22	58	19	8.5303	.00013	.98548
22	9	68	127.6894	.00000	.99999	22	59	18	9.5076	.00009	.99069
22	10	67	121.9848	.00000	.99999	22	60	17	10.6212	.00005	.99442
22	11	66	116.4167	.00000	.99999	22	61	16	11.8712	.00003	.99696
22	12	65	110.9848	.00000	.99999	22	62	15	13.2576	.00001	.99839
22	13	64	105.6894	.00000	.99999	22	63	14	14.7803	.00001	.99923
22	14	63	100.5303	.00000	.99999	22	64	13	16.4394	.00000	.99967
22	15	62	95.5076	.00000	.99999	22	65	12	18.2348	.00000	.99987
22	16	61	90.6212	.00000	.99999	22	66	11	20.1667	.00000	.99995
22	17	60	85.8712	.00000	.99999	22	67	10	22.2348	.00000	.99998
22	18	59	81.2576	.00000	.99999	22	68	9	24.4394	.00000	.99999
22	19	58	76.7803	.00000	.99999	22	69	8	26.7803	.00000	.99999
22	20	57	72.4394	.00000	.99999	22	70	7	29.2576	.00000	.99999
22	21	56	68.2348	.00000	.99999	22	71	6	31.8712	.00000	.99999
22	22	55	64.1667	.00000	.99999	22	72	5	34.6212	.00000	.99999
22	23	54	60.2348	.00000	.99999	22	73	4	37.5076	.00000	.99999
22	24	53	56.4394	.00000	.99999	22	74	3	40.5303	.00000	.99999
22	25	52	52.7803	.00000	.99999	22	75	2	43.6894	.00000	.99999
22	26	51	49.2576	.00000	.99999	22	76	1	46.9848	.00000	.99999
22	27	50	45.8712	.00000	.99999	22	77	0	50.4167	.00000	.99999
22	28	49	42.6212	.00000	.99999	23	0	76	179.5758	.00000	.99999
22	29	48	39.5076	.00000	.99999	23	1	75	172.7348	.00000	.99999
22	30	47	36.5303	.00000	.99999	23	2	74	166.0303	.00000	.99999
22	31	46	33.6894	.00000	.99999	23	3	73	159.4621	.00000	.99999
22	32	45	30.9848	.00000	.99999	23	4	72	153.0303	.00000	.99999
22	33	44	28.4167	.00000	.99999	23	5	71	146.7348	.00000	.99999
22	34	43	25.9848	.00000	.99999	23	6	70	140.5758	.00000	.99999
22	35	42	23.6894	.00000	.99997	23	7	69	134.5530	.00000	.99999
22	36	41	21.5303	.00000	.99993	23	8	68	128.6667	.00000	.99999
22	37	40	19.5076	.00000	.99983	23	9	67	122.9167	.00000	.99999
22	38	39	17.6212	.00000	.99963	23	10	66	117.3030	.00000	.99999
22	39	38	15.8712	.00001	.99921	23	11	65	111.8258	.00000	.99999
22	40	37	14.2576	.00001	.99848	23	12	64	106.4848	.00000	.99999
22	41	36	12.7803	.00002	.99760	23	13	63	101.2803	.00000	.99999

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
23	14	62	96.2121	.00000	.99999	23	64	12	16.6667	.00000	.99972
23	15	61	91.2803	.00000	.99999	23	65	11	18.5530	.00000	.99990
23	16	60	86.4848	.00000	.99999	23	66	10	20.5758	.00000	.99997
23	17	59	81.8258	.00000	.99999	23	67	9	22.7348	.00000	.99998
23	18	58	77.3030	.00000	.99999	23	68	8	25.0303	.00000	.99999
23	19	57	72.9167	.00000	.99999	23	69	7	27.4621	.00000	.99999
23	20	56	68.6667	.00000	.99999	23	70	6	30.0303	.00000	.99999
23	21	55	64.5530	.00000	.99999	23	71	5	32.7348	.00000	.99999
23	22	54	60.5758	.00000	.99999	23	72	4	35.5758	.00000	.99999
23	23	53	56.7348	.00000	.99999	23	73	3	38.5530	.00000	.99999
23	24	52	53.0303	.00000	.99999	23	74	2	41.6667	.00000	.99999
23	25	51	49.4621	.00000	.99999	23	75	1	44.9167	.00000	.99999
23	26	50	46.0303	.00000	.99999	23	76	0	48.3030	.00000	.99999
23	27	49	42.7348	.00000	.99999	24	0	75	174.1364	.00000	.99999
23	28	48	39.5758	.00000	.99999	24	1	74	167.3864	.00000	.99999
23	29	47	36.5530	.00000	.99999	24	2	73	160.7727	.00000	.99999
23	30	46	33.6667	.00000	.99999	24	3	72	154.2955	.00000	.99999
23	31	45	30.9167	.00000	.99999	24	4	71	147.9545	.00000	.99999
23	32	44	28.3030	.00000	.99999	24	5	70	141.7500	.00000	.99999
23	33	43	25.8258	.00000	.99998	24	6	69	135.6818	.00000	.99999
23	34	42	23.4848	.00000	.99996	24	7	68	129.7500	.00000	.99999
23	35	41	21.2803	.00000	.99991	24	8	67	123.9545	.00000	.99999
23	36	40	19.2121	.00000	.99980	24	9	66	118.2955	.00000	.99999
23	37	39	17.2803	.00000	.99955	24	10	65	112.7727	.00000	.99999
23	38	38	15.4848	.00001	.99908	24	11	64	107.3864	.00000	.99999
23	39	37	13.8258	.00002	.99817	24	12	63	102.1364	.00000	.99999
23	40	36	12.3030	.00003	.99648	24	13	62	97.0227	.00000	.99999
23	41	35	10.9167	.00006	.99405	24	14	61	92.0455	.00000	.99999
23	42	34	9.6667	.00009	.99006	24	15	60	87.2045	.00000	.99999
23	43	33	8.5530	.00015	.98409	24	16	59	82.5000	.00000	.99999
23	44	32	7.5758	.00022	.97606	24	17	58	77.9318	.00000	.99999
23	45	31	6.7348	.00031	.96696	24	18	57	73.5000	.00000	.99999
23	46	30	6.0303	.00042	.95317	24	19	56	69.2045	.00000	.99999
23	47	29	5.4621	.00054	.94237	24	20	55	65.0455	.00000	.99999
23	48	28	5.0303	.00065	.92633	24	21	54	61.0227	.00000	.99999
23	49	27	4.7348	.00074	.91878	24	22	53	57.1364	.00000	.99999
23	50	26	4.5758	.00080	.91183	24	23	52	53.3864	.00000	.99999
23	51	25	4.5530	.00081	.90861	24	24	51	49.7727	.00000	.99999
23	52	24	4.6667	.00078	.91499	24	25	50	46.2955	.00000	.99999
23	53	23	4.9167	.00071	.92094	24	26	49	42.9545	.00000	.99999
23	54	22	5.3030	.00060	.93305	24	27	48	39.7500	.00000	.99999
23	55	21	5.8258	.00048	.94541	24	28	47	36.6818	.00000	.99999
23	56	20	6.4848	.00036	.95979	24	29	46	33.7500	.00000	.99999
23	57	19	7.2803	.00025	.97208	24	30	45	30.9545	.00000	.99999
23	58	18	8.2121	.00017	.98211	24	31	44	28.2955	.00000	.99999
23	59	17	9.2803	.00010	.98890	24	32	43	25.7727	.00000	.99998
23	60	16	10.4848	.00006	.99394	24	33	42	23.3864	.00000	.99996
23	61	15	11.8258	.00003	.99676	24	34	41	21.1364	.00000	.99990
23	62	14	13.3030	.00001	.99845	24	35	40	19.0227	.00000	.99977
23	63	13	14.9167	.00001	.99932	24	36	39	17.0455	.00000	.99949

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
24	37	38	15.2045	.00001	.99889	25	11	63	103.0985	.00000	.99999
24	38	37	13.5000	.00002	.99786	25	12	62	97.9394	.00000	.99999
24	39	36	11.9318	.00004	.99571	25	13	61	92.9167	.00000	.99999
24	40	35	10.5000	.00007	.99192	25	14	60	88.0303	.00000	.99999
24	41	34	9.2045	.00012	.98714	25	15	59	83.2803	.00000	.99999
24	42	33	8.0455	.00020	.97816	25	16	58	78.6667	.00000	.99999
24	43	32	7.0227	.00033	.96768	25	17	57	74.1894	.00000	.99999
24	44	31	6.1364	.00044	.95188	25	18	56	69.8485	.00000	.99999
24	45	30	5.3864	.00060	.93505	25	19	55	65.6439	.00000	.99999
24	46	29	4.7727	.00079	.91421	25	20	54	61.5758	.00000	.99999
24	47	28	4.2955	.00097	.89268	25	21	53	57.6439	.00000	.99999
24	48	27	3.9545	.00113	.87268	25	22	52	53.8485	.00000	.99999
24	49	26	3.7500	.00125	.86185	25	23	51	50.1894	.00000	.99999
24	50	25	3.6818	.00130	.85296	25	24	50	46.6667	.00000	.99999
24	51	24	3.7500	.00127	.85935	25	25	49	43.2803	.00000	.99999
24	52	23	3.9545	.00117	.87155	25	26	48	40.0303	.00000	.99999
24	53	22	4.2955	.00102	.88765	25	27	47	36.9167	.00000	.99999
24	54	21	4.7727	.00083	.90697	25	28	46	33.9394	.00000	.99999
24	55	20	5.3864	.00063	.92824	25	29	45	31.0985	.00000	.99999
24	56	19	6.1364	.00045	.95056	25	30	44	28.3939	.00000	.99999
24	57	18	7.0227	.00030	.96738	25	31	43	25.8258	.00000	.99998
24	58	17	8.0455	.00019	.97911	25	32	42	23.3939	.00000	.99996
24	59	16	9.2045	.00011	.98826	25	33	41	21.0985	.00000	.99990
24	60	15	10.5000	.00006	.99368	25	34	40	18.9394	.00000	.99976
24	61	14	11.9318	.00003	.99699	25	35	39	16.9167	.00001	.99945
24	62	13	13.5000	.00001	.99862	25	36	38	15.0303	.00001	.99876
24	63	12	15.2045	.00001	.99945	25	37	37	13.2803	.00002	.99757
24	64	11	17.0455	.00000	.99979	25	38	36	11.6667	.00005	.99507
24	65	10	19.0227	.00000	.99993	25	39	35	10.1894	.00009	.99077
24	66	9	21.1364	.00000	.99997	25	40	34	8.8485	.00015	.98335
24	67	8	23.3864	.00000	.99999	25	41	33	7.6439	.00025	.97258
24	68	7	25.7727	.00000	.99999	25	42	32	6.5758	.00039	.95680
24	69	6	28.2955	.00000	.99999	25	43	31	5.6439	.00058	.93739
24	70	5	30.9545	.00000	.99999	25	44	30	4.8485	.00081	.90943
24	71	4	33.7500	.00000	.99999	25	45	29	4.1894	.00109	.87821
24	72	3	36.6818	.00000	.99999	25	46	28	3.6667	.00137	.84897
24	73	2	39.7500	.00000	.99999	25	47	27	3.2803	.00163	.81799
24	74	1	42.9545	.00000	.99999	25	48	26	3.0303	.00183	.80077
24	75	0	46.2955	.00000	.99999	25	49	25	2.9167	.00195	.78196
25	0	74	168.8485	.00000	.99999	25	50	24	2.9394	.00195	.78390
25	1	73	162.1894	.00000	.99999	25	51	23	3.0985	.00183	.80260
25	2	72	155.6667	.00000	.99999	25	52	22	3.3939	.00162	.82287
25	3	71	149.2803	.00000	.99999	25	53	21	3.8258	.00135	.85032
25	4	70	143.0303	.00000	.99999	25	54	20	4.3939	.00105	.88352
25	5	69	136.9167	.00000	.99999	25	55	19	5.0985	.00076	.91653
25	6	68	130.9394	.00000	.99999	25	56	18	5.9394	.00052	.94342
25	7	67	125.0985	.00000	.99999	25	57	17	6.9167	.00033	.96454
25	8	66	119.3939	.00000	.99999	25	58	16	8.0303	.00019	.97874
25	9	65	113.8258	.00000	.99999	25	59	15	9.2803	.00010	.98880
25	10	64	108.3939	.00000	.99999	25	60	14	10.6667	.00005	.99458

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
25	61	13	12.1894	.00002	.99750	26	36	37	13.1667	.00003	.99736
25	62	12	13.8485	.00001	.99893	26	37	36	11.5076	.00005	.99478
25	63	11	15.6439	.00000	.99960	26	38	35	9.9848	.00010	.98959
25	64	10	17.5758	.00000	.99986	26	39	34	8.5985	.00017	.98126
25	65	9	19.6439	.00000	.99996	26	40	33	7.3485	.00029	.96827
25	66	8	21.8485	.00000	.99998	26	41	32	6.2348	.00047	.94826
25	67	7	24.1894	.00000	.99999	26	42	31	5.2576	.00072	.92024
25	68	6	26.6667	.00000	.99999	26	43	30	4.4167	.00103	.88603
25	69	5	29.2803	.00000	.99999	26	44	29	3.7121	.00141	.84067
25	70	4	32.0303	.00000	.99999	26	45	28	3.1439	.00182	.80442
25	71	3	34.9167	.00000	.99999	26	46	27	2.7121	.00221	.74655
25	72	2	37.9394	.00000	.99999	26	47	26	2.4167	.00254	.72082
25	73	1	41.0985	.00000	.99999	26	48	25	2.2576	.00275	.69988
25	74	0	44.3939	.00000	.99999	26	49	24	2.2348	.00281	.66875
26	0	73	163.7121	.00000	.99999	26	50	23	2.3485	.00270	.70256
26	1	72	157.1439	.00000	.99999	26	51	22	2.5985	.00243	.72578
26	2	71	150.7121	.00000	.99999	26	52	21	2.9848	.00206	.76805
26	3	70	144.4167	.00000	.99999	26	53	20	3.5076	.00163	.81962
26	4	69	138.2576	.00000	.99999	26	54	19	4.1667	.00121	.86670
26	5	68	132.2348	.00000	.99999	26	55	18	4.9621	.00083	.90614
26	6	67	126.3485	.00000	.99999	26	56	17	5.8939	.00054	.94130
26	7	66	120.5985	.00000	.99999	26	57	16	6.9621	.00032	.96551
26	8	65	114.9848	.00000	.99999	26	58	15	8.1667	.00018	.98059
26	9	64	109.5076	.00000	.99999	26	59	14	9.5076	.00009	.99043
26	10	63	104.1667	.00000	.99999	26	60	13	10.9848	.00004	.99542
26	11	62	98.9621	.00000	.99999	26	61	12	12.5985	.00002	.99805
26	12	61	93.8939	.00000	.99999	26	62	11	14.3485	.00001	.99927
26	13	60	88.9621	.00000	.99999	26	63	10	16.2348	.00000	.99975
26	14	59	84.1667	.00000	.99999	26	64	9	18.2576	.00000	.99992
26	15	58	79.5076	.00000	.99999	26	65	8	20.4167	.00000	.99997
26	16	57	74.9848	.00000	.99999	26	66	7	22.7121	.00000	.99999
26	17	56	70.5985	.00000	.99999	26	67	6	25.1439	.00000	.99999
26	18	55	66.3485	.00000	.99999	26	68	5	27.7121	.00000	.99999
26	19	54	62.2348	.00000	.99999	26	69	4	30.4167	.00000	.99999
26	20	53	58.2576	.00000	.99999	26	70	3	33.2576	.00000	.99999
26	21	52	54.4167	.00000	.99999	26	71	2	36.2348	.00000	.99999
26	22	51	50.7121	.00000	.99999	26	72	1	39.3485	.00000	.99999
26	23	50	47.1439	.00000	.99999	26	73	0	42.5985	.00000	.99999
26	24	49	43.7121	.00000	.99999	27	0	72	158.7273	.00000	.99999
26	25	48	40.4167	.00000	.99999	27	1	71	152.2500	.00000	.99999
26	26	47	37.2576	.00000	.99999	27	2	70	145.9091	.00000	.99999
26	27	46	34.2348	.00000	.99999	27	3	69	139.7045	.00000	.99999
26	28	45	31.3485	.00000	.99999	27	4	68	133.6364	.00000	.99999
26	29	44	28.5985	.00000	.99999	27	5	67	127.7045	.00000	.99999
26	30	43	25.9848	.00000	.99998	27	6	66	121.9091	.00000	.99999
26	31	42	23.5076	.00000	.99997	27	7	65	116.2500	.00000	.99999
26	32	41	21.1667	.00000	.99990	27	8	64	110.7273	.00000	.99999
26	33	40	18.9621	.00000	.99976	27	9	63	105.3409	.00000	.99999
26	34	39	16.8939	.00001	.99944	27	10	62	100.0909	.00000	.99999
26	35	38	14.9621	.00001	.99873	27	11	61	94.9773	.00000	.99999

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
27	12	60	90.0000	.00000	.99999	27	62	10	15.0000	.00000	.99956
27	13	59	85.1591	.00000	.99999	27	63	9	16.9773	.00000	.99986
27	14	58	80.4545	.00000	.99999	27	64	8	19.0909	.00000	.99996
27	15	57	75.8864	.00000	.99999	27	65	7	21.3409	.00000	.99998
27	16	56	71.4545	.00000	.99999	27	66	6	23.7273	.00000	.99999
27	17	55	67.1591	.00000	.99999	27	67	5	26.2500	.00000	.99999
27	18	54	63.0000	.00000	.99999	27	68	4	28.9091	.00000	.99999
27	19	53	59.9773	.00000	.99999	27	69	3	31.7045	.00000	.99999
27	20	52	55.0909	.00000	.99999	27	70	2	34.6364	.00000	.99999
27	21	51	51.3409	.00000	.99999	27	71	1	37.7045	.00000	.99999
27	22	50	47.7273	.00000	.99999	27	72	0	40.9091	.00000	.99999
27	23	49	44.2500	.00000	.99999	28	0	71	153.8939	.00000	.99999
27	24	48	40.9091	.00000	.99999	28	1	70	147.5076	.00000	.99999
27	25	47	37.7045	.00000	.99999	28	2	69	141.2576	.00000	.99999
27	26	46	34.6364	.00000	.99999	28	3	68	135.1439	.00000	.99999
27	27	45	31.7045	.00000	.99999	28	4	67	129.1667	.00000	.99999
27	28	44	28.9091	.00000	.99999	28	5	66	123.3258	.00000	.99999
27	29	43	26.2500	.00000	.99998	28	6	65	117.6212	.00000	.99999
27	30	42	23.7273	.00000	.99997	28	7	64	112.0530	.00000	.99999
27	31	41	21.3409	.00000	.99991	28	8	63	106.6212	.00000	.99999
27	32	40	19.0909	.00000	.99978	28	9	62	101.3258	.00000	.99999
27	33	39	16.9773	.00001	.99947	28	10	61	96.1667	.00000	.99999
27	34	38	15.0000	.00001	.99874	28	11	60	91.1439	.00000	.99999
27	35	37	13.1591	.00003	.99733	28	12	59	86.2576	.00000	.99999
27	36	36	11.4545	.00005	.99447	28	13	58	81.5076	.00000	.99999
27	37	35	9.8864	.00010	.98910	28	14	57	76.8939	.00000	.99999
27	38	34	8.4545	.00019	.97949	28	15	56	72.4167	.00000	.99999
27	39	33	7.1591	.00032	.96519	28	16	55	68.0758	.00000	.99999
27	40	32	6.0000	.00054	.94183	28	17	54	63.8712	.00000	.99999
27	41	31	4.9773	.00084	.90447	28	18	53	59.8030	.00000	.99999
27	42	30	4.0909	.00123	.86556	28	19	52	55.8712	.00000	.99999
27	43	29	3.3409	.00172	.80795	28	20	51	52.0758	.00000	.99999
27	44	28	2.7273	.00227	.74210	28	21	50	48.4167	.00000	.99999
27	45	27	2.2500	.00282	.68594	28	22	49	44.8939	.00000	.99999
27	46	26	1.9091	.00332	.62876	28	23	48	41.5076	.00000	.99999
27	47	25	1.7045	.00367	.59795	28	24	47	38.2576	.00000	.99999
27	48	24	1.6364	.00382	.57933	28	25	46	35.1439	.00000	.99999
27	49	23	1.7045	.00374	.58698	28	26	45	32.1667	.00000	.99999
27	50	22	1.9091	.00344	.61189	28	27	44	29.3258	.00000	.99999
27	51	21	2.2500	.00297	.66564	28	28	43	26.6212	.00000	.99998
27	52	20	2.7273	.00240	.73059	28	29	42	24.0530	.00000	.99997
27	53	19	3.3409	.00181	.80623	28	30	41	21.6212	.00000	.99993
27	54	18	4.0909	.00127	.85808	28	31	40	19.3258	.00000	.99982
27	55	17	4.9773	.00083	.90531	28	32	39	17.1667	.00000	.99952
27	56	16	6.0000	.00051	.94393	28	33	38	15.1439	.00001	.99886
27	57	15	7.1591	.00028	.96942	28	34	37	13.2576	.00002	.99755
27	58	14	8.4545	.00015	.98380	28	35	36	11.5076	.00005	.99488
27	59	13	9.8864	.00007	.99234	28	36	35	9.8939	.00010	.98926
27	60	12	11.4545	.00003	.99664	28	37	34	8.4167	.00019	.97893
27	61	11	13.1591	.00001	.99872	28	38	33	7.0758	.00034	.96221

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
28	39	32	5.8712	.00057	.93654	29	17	53	60.7348	.00000	.99999
28	40	31	4.8030	.00092	.89924	29	18	52	56.7576	.00000	.99999
28	41	30	3.8712	.00139	.84485	29	19	51	52.9167	.00000	.99999
28	42	29	3.0758	.00198	.77866	29	20	50	49.2121	.00000	.99999
28	43	28	2.4167	.00266	.70525	29	21	49	45.6439	.00000	.99999
28	44	27	1.8939	.00340	.61872	29	22	48	42.2121	.00000	.99999
28	45	26	1.5076	.00409	.53184	29	23	47	38.9167	.00000	.99999
28	46	25	1.2576	.00462	.47997	29	24	46	35.7576	.00000	.99999
28	47	24	1.1439	.00491	.45609	29	25	45	32.7348	.00000	.99999
28	48	23	1.1667	.00491	.45118	29	26	44	29.8485	.00000	.99999
28	49	22	1.3258	.00461	.48458	29	27	43	27.0985	.00000	.99999
28	50	21	1.6212	.00406	.53997	29	28	42	24.4848	.00000	.99998
28	51	20	2.0530	.00334	.62545	29	29	41	22.0076	.00000	.99995
28	52	19	2.6212	.00257	.71828	29	30	40	19.6667	.00000	.99985
28	53	18	3.3258	.00184	.79526	29	31	39	17.4621	.00000	.99961
28	54	17	4.1667	.00123	.86679	29	32	38	15.3939	.00001	.99906
28	55	16	5.1439	.00076	.91729	29	33	37	13.4621	.00002	.99760
28	56	15	6.2576	.00043	.95275	29	34	36	11.6667	.00005	.99512
28	57	14	7.5076	.00023	.97518	29	35	35	10.0076	.00009	.98968
28	58	13	8.8939	.00011	.98794	29	36	34	8.4848	.00018	.98004
28	59	12	10.4167	.00005	.99498	29	37	33	7.0985	.00033	.96356
28	60	11	12.0758	.00002	.99790	29	38	32	5.8485	.00058	.93682
28	61	10	13.8712	.00001	.99925	29	39	31	4.7348	.00095	.89459
28	62	9	15.8030	.00000	.99976	29	40	30	3.7576	.00147	.83343
28	63	8	17.8712	.00000	.99993	29	41	29	2.9167	.00215	.75962
28	64	7	20.0758	.00000	.99998	29	42	28	2.2121	.00298	.56267
28	65	6	22.4167	.00000	.99999	29	43	27	1.6439	.00387	.57168
28	66	5	24.8939	.00000	.99999	29	44	26	1.2121	.00476	.47066
28	67	4	27.5076	.00000	.99999	29	45	25	.9167	.00549	.37889
28	68	3	30.2576	.00000	.99999	29	46	24	.7576	.00597	.33364
28	69	2	33.1439	.00000	.99999	29	47	23	.7348	.00610	.32767
28	70	1	36.1667	.00000	.99999	29	48	22	.8485	.00585	.33948
28	71	0	39.3258	.00000	.99999	29	49	21	1.0985	.00525	.41097
29	0	70	149.2121	.00000	.99999	29	50	20	1.4848	.00441	.49792
29	1	69	142.9167	.00000	.99999	29	51	19	2.0076	.00346	.60845
29	2	68	136.7576	.00000	.99999	29	52	18	2.6667	.00253	.72335
29	3	67	130.7348	.00000	.99999	29	53	17	3.4621	.00172	.80967
29	4	66	124.8485	.00000	.99999	29	54	16	4.3939	.00108	.87929
29	5	65	119.0985	.00000	.99999	29	55	15	5.4621	.00063	.93014
29	6	64	113.4848	.00000	.99999	29	56	14	6.6667	.00034	.96255
29	7	63	108.0076	.00000	.99999	29	57	13	8.0076	.00017	.98227
29	8	62	102.6667	.00000	.99999	29	58	12	9.4848	.00007	.99148
29	9	61	97.4621	.00000	.99999	29	59	11	11.0985	.00003	.99573
29	10	60	92.3939	.00000	.99999	29	60	10	12.8485	.00001	.99841
29	11	59	87.4621	.00000	.99999	29	61	9	14.7348	.00000	.99961
29	12	58	82.6667	.00000	.99999	29	62	8	16.7576	.00000	.99989
29	13	57	78.0076	.00000	.99999	29	63	7	18.9167	.00000	.99997
29	14	56	73.4848	.00000	.99999	29	64	6	21.2121	.00000	.99999
29	15	55	69.0985	.00000	.99999	29	65	5	23.6439	.00000	.99999
29	16	54	64.8485	.00000	.99999	29	66	4	26.2121	.00000	.99999

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
29	67	3	28.9167	.00000	.99999	30	46	23	.4091	.00717	.19057
29	68	2	31.7576	.00000	.99999	30	47	22	.4773	.00701	.20463
29	69	1	34.7348	.00000	.99999	30	48	21	.6818	.00643	.27198
29	70	0	37.8485	.00000	.99999	30	49	20	1.0227	.00551	.37340
30	0	69	144.6818	.00000	.99999	30	50	19	1.5000	.00441	.49351
30	1	68	138.4773	.00000	.99999	30	51	18	2.1136	.00329	.63205
30	2	67	132.4091	.00000	.99999	30	52	17	2.8636	.00227	.73983
30	3	66	126.4773	.00000	.99999	30	53	16	3.7500	.00146	.83489
30	4	65	120.6818	.00000	.99999	30	54	15	4.7727	.00086	.90194
30	5	64	115.0227	.00000	.99999	30	55	14	5.9318	.00047	.94779
30	6	63	109.5000	.00000	.99999	30	56	13	7.2273	.00024	.97426
30	7	62	104.1136	.00000	.99999	30	57	12	8.6591	.00011	.98837
30	8	61	98.8636	.00000	.99999	30	58	11	10.2273	.00004	.99521
30	9	60	93.7500	.00000	.99999	30	59	10	11.9318	.00002	.99820
30	10	59	88.7727	.00000	.99999	30	60	9	13.7727	.00001	.99943
30	11	58	83.9318	.00000	.99999	30	61	8	15.7500	.00000	.99983
30	12	57	79.2273	.00000	.99999	30	62	7	17.8636	.00000	.99996
30	13	56	74.6591	.00000	.99999	30	63	6	20.1136	.00000	.99998
30	14	55	70.2273	.00000	.99999	30	64	5	22.5000	.00000	.99999
30	15	54	65.9318	.00000	.99999	30	65	4	25.0227	.00000	.99999
30	16	53	61.7727	.00000	.99999	30	66	3	27.6818	.00000	.99999
30	17	52	57.7500	.00000	.99999	30	67	2	30.4773	.00000	.99999
30	18	51	53.8636	.00000	.99999	30	68	1	33.4091	.00000	.99999
30	19	50	50.1136	.00000	.99999	30	69	0	36.4773	.00000	.99999
30	20	49	46.5000	.00000	.99999	31	0	68	140.3030	.00000	.99999
30	21	48	43.0227	.00000	.99999	31	1	67	134.1894	.00000	.99999
30	22	47	39.6818	.00000	.99999	31	2	66	128.2121	.00000	.99999
30	23	46	36.4773	.00000	.99999	31	3	65	122.3712	.00000	.99999
30	24	45	33.4091	.00000	.99999	31	4	64	116.6667	.00000	.99999
30	25	44	30.4773	.00000	.99999	31	5	63	111.0985	.00000	.99999
30	26	43	27.6818	.00000	.99999	31	6	62	105.6667	.00000	.99999
30	27	42	25.0227	.00000	.99998	31	7	61	100.3712	.00000	.99999
30	28	41	22.5000	.00000	.99996	31	8	60	95.2121	.00000	.99999
30	29	40	20.1136	.00000	.99989	31	9	59	90.1894	.00000	.99999
30	30	39	17.8636	.00000	.99970	31	10	58	85.3030	.00000	.99999
30	31	38	15.7500	.00001	.99922	31	11	57	80.5530	.00000	.99999
30	32	37	13.7727	.00002	.99810	31	12	56	75.9394	.00000	.99999
30	33	36	11.9318	.00004	.99590	31	13	55	71.4621	.00000	.99999
30	34	35	10.2273	.00008	.99113	31	14	54	67.1212	.00000	.99999
30	35	34	8.6591	.00016	.98260	31	15	53	62.9167	.00000	.99999
30	36	33	7.2273	.00031	.96708	31	16	52	58.8485	.00000	.99999
30	37	32	5.9318	.00055	.94022	31	17	51	54.9167	.00000	.99999
30	38	31	4.7727	.00093	.89833	31	18	50	51.1212	.00000	.99999
30	39	30	3.7500	.00147	.83196	31	19	49	47.4621	.00000	.99999
30	40	29	2.8636	.00221	.74876	31	20	48	43.9394	.00000	.99999
30	41	28	2.1136	.00312	.63835	31	21	47	40.5530	.00000	.99999
30	42	27	1.5000	.00417	.52776	31	22	46	37.3030	.00000	.99999
30	43	26	1.0227	.00523	.41620	31	23	45	34.1894	.00000	.99999
30	44	25	.6818	.00616	.29089	31	24	44	31.2121	.00000	.99999
30	45	24	.4773	.00687	.23229	31	25	43	28.3712	.00000	.99999

(13)

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
31	26	42	25.6667	.00000	.99998	32	7	60	96.7803	.00000	.99999
31	27	41	23.0985	.00000	.99997	32	8	59	91.7121	.00000	.99999
31	28	40	20.6667	.00000	.99992	32	9	58	86.7803	.00000	.99999
31	29	39	18.3712	.00000	.99978	32	10	57	81.9848	.00000	.99999
31	30	38	16.2121	.00001	.99944	32	11	56	77.3258	.00000	.99999
31	31	37	14.1894	.00001	.99858	32	12	55	72.8030	.00000	.99999
31	32	36	12.3030	.00003	.99658	32	13	54	68.4167	.00000	.99999
31	33	35	10.5530	.00007	.99268	32	14	53	64.1667	.00000	.99999
31	34	34	8.9394	.00014	.98460	32	15	52	60.0530	.00000	.99999
31	35	33	7.4621	.00027	.97051	32	16	51	56.0758	.00000	.99999
31	36	32	6.1212	.00049	.94492	32	17	50	52.2348	.00000	.99999
31	37	31	4.9167	.00085	.90279	32	18	49	48.5303	.00000	.99999
31	38	30	3.8485	.00139	.84346	32	19	48	44.9621	.00000	.99999
31	39	29	2.9167	.00214	.76390	32	20	47	41.5303	.00000	.99999
31	40	28	2.1212	.00310	.64145	32	21	46	38.2348	.00000	.99999
31	41	27	1.4621	.00423	.51516	32	22	45	35.0758	.00000	.99999
31	42	26	.9394	.00544	.38433	32	23	44	32.0530	.00000	.99999
31	43	25	.5530	.00658	.25902	32	24	43	29.1667	.00000	.99999
31	44	24	.3030	.00748	.15419	32	25	42	26.4167	.00000	.99999
31	45	23	.1894	.00798	.09212	32	26	41	23.8030	.00000	.99998
31	46	22	.2121	.00798	.10010	32	27	40	21.3258	.00000	.99995
31	47	21	.3712	.00747	.16166	32	28	39	18.9848	.00000	.99985
31	48	20	.6667	.00653	.26555	32	29	38	16.7803	.00000	.99959
31	49	19	1.0985	.00533	.40043	32	30	37	14.7121	.00001	.99897
31	50	18	1.6667	.00405	.54402	32	31	36	12.7803	.00002	.99764
31	51	17	2.3712	.00286	.68312	32	32	35	10.9848	.00005	.99452
31	52	16	3.2121	.00187	.79155	32	33	34	9.3258	.00011	.98816
31	53	15	4.1894	.00113	.87381	32	34	33	7.8030	.00022	.97540
31	54	14	5.3030	.00063	.93077	32	35	32	6.4167	.00042	.95358
31	55	13	6.5530	.00032	.96583	32	36	31	5.1667	.00074	.91952
31	56	12	7.9394	.00015	.98365	32	37	30	4.0530	.00124	.86433
31	57	11	9.4621	.00006	.99346	32	38	29	3.0758	.00195	.78011
31	58	10	11.1212	.00002	.99753	32	39	28	2.2348	.00291	.68026
31	59	9	12.9167	.00001	.99916	32	40	27	1.5303	.00407	.53591
31	60	8	14.8485	.00000	.99975	32	41	26	.9621	.00536	.39529
31	61	7	16.9167	.00000	.99994	32	42	25	.5303	.00663	.25244
31	62	6	19.1212	.00000	.99998	32	43	24	.2348	.00771	.13150
31	63	5	21.4621	.00000	.99999	32	44	23	.0758	.00841	.05148
31	64	4	23.9394	.00000	.99999	32	45	22	.0530	.00860	.01739
31	65	3	26.5530	.00000	.99999	32	46	21	.1667	.00823	.06812
31	66	2	29.3030	.00000	.99999	32	47	20	.4167	.00735	.16921
31	67	1	32.1894	.00000	.99999	32	48	19	.8030	.00613	.32157
31	68	0	35.2121	.00000	.99999	32	49	18	1.3258	.00475	.47535
32	0	67	136.0758	.00000	.99999	32	50	17	1.9848	.00342	.61531
32	1	66	130.0530	.00000	.99999	32	51	16	2.7803	.00228	.73756
32	2	65	124.1667	.00000	.99999	32	52	15	3.7121	.00140	.84227
32	3	64	118.4167	.00000	.99999	32	53	14	4.7803	.00079	.91342
32	4	63	112.8030	.00000	.99999	32	54	13	5.9848	.00041	.95450
32	5	62	107.3258	.00000	.99999	32	55	12	7.3258	.00019	.97855
32	6	61	101.9848	.00000	.99999	32	56	11	8.8030	.00008	.99094

(14)

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
32	57	10	10.4167	.00003	.99642	33	39	27	1.7045	.00373	.59060
32	58	9	12.1667	.00001	.99883	33	40	26	1.0909	.00499	.43139
32	59	8	14.0530	.00000	.99963	33	41	25	.6136	.00633	.28471
32	60	7	16.0758	.00000	.99990	33	42	24	.2727	.00754	.14672
32	61	6	18.2348	.00000	.99997	33	43	23	.0682	.00841	.05989
32	62	5	20.5303	.00000	.99999	33	44	22	0.0000	.00882	0.00000
32	63	4	22.9621	.00000	.99999	33	45	21	.0682	.00860	.02599
32	64	3	25.5303	.00000	.99999	33	46	20	.2727	.00785	.12379
32	65	2	28.2348	.00000	.99999	33	47	19	.6136	.00668	.24580
32	66	1	31.0758	.00000	.99999	33	48	18	1.0909	.00529	.40572
32	67	0	34.0530	.00000	.99999	33	49	17	1.7045	.00389	.56781
33	0	66	132.0000	.00000	.99999	33	50	16	2.4545	.00264	.71055
33	1	65	126.0682	.00000	.99999	33	51	15	3.3409	.00166	.81472
33	2	64	120.2727	.00000	.99999	33	52	14	4.3636	.00096	.89364
33	3	63	114.6136	.00000	.99999	33	53	13	5.5227	.00051	.94443
33	4	62	109.0909	.00000	.99999	33	54	12	6.8182	.00024	.97307
33	5	61	103.7045	.00000	.99999	33	55	11	8.2500	.00011	.98869
33	6	60	98.4545	.00000	.99999	33	56	10	9.8182	.00004	.99546
33	7	59	93.3409	.00000	.99999	33	57	9	11.5227	.00001	.99844
33	8	58	88.3636	.00000	.99999	33	58	8	13.3636	.00000	.99952
33	9	57	83.5227	.00000	.99999	33	59	7	15.3409	.00000	.99987
33	10	56	78.8182	.00000	.99999	33	60	6	17.4545	.00000	.99997
33	11	55	74.2500	.00000	.99999	33	61	5	19.7045	.00000	.99999
33	12	54	69.8182	.00000	.99999	33	62	4	22.0909	.00000	.99999
33	13	53	65.5227	.00000	.99999	33	63	3	24.6136	.00000	.99999
33	14	52	61.3636	.00000	.99999	33	64	2	27.2727	.00000	.99999
33	15	51	57.3409	.00000	.99999	33	65	1	30.0682	.00000	.99999
33	16	50	53.4545	.00000	.99999	33	66	0	33.0000	.00000	.99999
33	17	49	49.7045	.00000	.99999	34	0	65	128.0758	.00000	.99999
33	18	48	46.0909	.00000	.99999	34	1	64	122.2348	.00000	.99999
33	19	47	42.6136	.00000	.99999	34	2	63	116.5303	.00000	.99999
33	20	46	39.2727	.00000	.99999	34	3	62	110.9621	.00000	.99999
33	21	45	36.0682	.00000	.99999	34	4	61	105.5303	.00000	.99999
33	22	44	33.0000	.00000	.99999	34	5	60	100.2348	.00000	.99999
33	23	43	30.0682	.00000	.99999	34	6	59	95.0758	.00000	.99999
33	24	42	27.2727	.00000	.99999	34	7	58	90.0530	.00000	.99999
33	25	41	24.6136	.00000	.99998	34	8	57	85.1667	.00000	.99999
33	26	40	22.0909	.00000	.99997	34	9	56	80.4167	.00000	.99999
33	27	39	19.7045	.00000	.99990	34	10	55	75.8030	.00000	.99999
33	28	38	17.4545	.00000	.99974	34	11	54	71.3258	.00000	.99999
33	29	37	15.3409	.00001	.99931	34	12	53	66.9848	.00000	.99999
33	30	36	13.3636	.00002	.99828	34	13	52	62.7803	.00000	.99999
33	31	35	11.5227	.00004	.99594	34	14	51	58.7121	.00000	.99999
33	32	34	9.8182	.00008	.99102	34	15	50	54.7803	.00000	.99999
33	33	33	8.2500	.00017	.98161	34	16	49	50.9848	.00000	.99999
33	34	32	6.8182	.00033	.96389	34	17	48	47.3258	.00000	.99999
33	35	31	5.5227	.00060	.93445	34	18	47	43.8030	.00000	.99999
33	36	30	4.3636	.00104	.88560	34	19	46	40.4167	.00000	.99999
33	37	29	3.3409	.00169	.81307	34	20	45	37.1667	.00000	.99999
33	38	28	2.4545	.00257	.71571	34	21	44	34.0530	.00000	.99999

(15)

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
34	22	43	31.0758	.00000	.99999	35	6	58	91.8485	.00000	.99999
34	23	42	28.2348	.00000	.99999	35	7	57	86.9167	.00000	.99999
34	24	41	25.5303	.00000	.99999	35	8	56	82.1212	.00000	.99999
34	25	40	22.9621	.00000	.99998	35	9	55	77.4621	.00000	.99999
34	26	39	20.5303	.00000	.99995	35	10	54	72.9394	.00000	.99999
34	27	38	18.2348	.00000	.99984	35	11	53	68.5530	.00000	.99999
34	28	37	16.0758	.00000	.99956	35	12	52	64.3030	.00000	.99999
34	29	36	14.0530	.00001	.99884	35	13	51	60.1894	.00000	.99999
34	30	35	12.1667	.00003	.99718	35	14	50	56.2121	.00000	.99999
34	31	34	10.4167	.00006	.99382	35	15	49	52.3712	.00000	.99999
34	32	33	8.8030	.00012	.98702	35	16	48	48.6667	.00000	.99999
34	33	32	7.3258	.00025	.97233	35	17	47	45.0985	.00000	.99999
34	34	31	5.9848	.00047	.94920	35	18	46	41.6667	.00000	.99999
34	35	30	4.7803	.00083	.90780	35	19	45	38.3712	.00000	.99999
34	36	29	3.7121	.00138	.84623	35	20	44	35.2121	.00000	.99999
34	37	28	2.7803	.00216	.75531	35	21	43	32.1894	.00000	.99999
34	38	27	1.9848	.00318	.63523	35	22	42	29.3030	.00000	.99999
34	39	26	1.3258	.00440	.50232	35	23	41	26.5530	.00000	.99999
34	40	25	.8030	.00573	.34521	35	24	40	23.9394	.00000	.99998
34	41	24	.4167	.00698	.21161	35	25	39	21.4621	.00000	.99997
34	42	23	.1667	.00798	.08415	35	26	38	19.1212	.00000	.99991
34	43	22	.0530	.00854	.03453	35	27	37	16.9167	.00000	.99973
34	44	21	.0758	.00854	.04307	35	28	36	14.8485	.00001	.99930
34	45	20	.2348	.00797	.10807	35	29	35	12.9167	.00002	.99822
34	46	19	.5303	.00693	.21854	35	30	34	11.1212	.00004	.99582
34	47	18	.9621	.00560	.36788	35	31	33	9.4621	.00008	.99086
34	48	17	1.5303	.00420	.52359	35	32	32	7.9394	.00018	.98079
34	49	16	2.2348	.00292	.67444	35	33	31	6.5530	.00034	.96187
34	50	15	3.0758	.00187	.79341	35	34	30	5.3030	.00062	.93263
34	51	14	4.0530	.00110	.87713	35	35	29	4.1894	.00106	.88142
34	52	13	5.1667	.00059	.93624	35	36	28	3.2121	.00171	.81138
34	53	12	6.4167	.00029	.96885	35	37	27	2.3712	.00259	.71314
34	54	11	7.8030	.00013	.98639	35	38	26	1.6667	.00368	.59428
34	55	10	9.3258	.00005	.99463	35	39	25	1.0985	.00491	.46100
34	56	9	10.9848	.00002	.99803	35	40	24	.6667	.00613	.31544
34	57	8	12.7803	.00001	.99939	35	41	23	.3712	.00718	.18340
34	58	7	14.7121	.00000	.99984	35	42	22	.2121	.00787	.11593
34	59	6	16.7803	.00000	.99996	35	43	21	.1894	.00805	.07617
34	60	5	18.9848	.00000	.99999	35	44	20	.3030	.00768	.13918
34	61	4	21.3258	.00000	.99999	35	45	19	.5530	.00683	.23912
34	62	3	23.8030	.00000	.99999	35	46	18	.9394	.00564	.36228
34	63	2	26.4167	.00000	.99999	35	47	17	1.4621	.00432	.50664
34	64	1	29.1667	.00000	.99999	35	48	16	2.1212	.00306	.64759
34	65	0	32.0530	.00000	.99999	35	49	15	2.9167	.00200	.77209
35	0	64	124.3030	.00000	.99999	35	50	14	3.8485	.00120	.86920
35	1	63	118.5530	.00000	.99999	35	51	13	4.9167	.00066	.92436
35	2	62	112.9394	.00000	.99999	35	52	12	6.1212	.00033	.96422
35	3	61	107.4621	.00000	.99999	35	53	11	7.4621	.00015	.98320
35	4	60	102.1212	.00000	.99999	35	54	10	8.9394	.00006	.99364
35	5	59	96.9167	.00000	.99999	35	55	9	10.5530	.00002	.99773

(16)

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
35	56	8	12.3030	.00001	.99924	36	41	22	.4773	.00688	.22542
35	57	7	14.1894	.00000	.99979	36	42	21	.4091	.00721	.17622
35	58	6	16.2121	.00000	.99995	36	43	20	.4773	.00704	.19761
35	59	5	18.3712	.00000	.99998	36	44	19	.6818	.00640	.27838
35	60	4	20.6667	.00000	.99999	36	45	18	1.0227	.00541	.38974
35	61	3	23.0985	.00000	.99999	36	46	17	1.5000	.00423	.51939
35	62	2	25.6667	.00000	.99999	36	47	16	2.1136	.00306	.65065
35	63	1	28.3712	.00000	.99999	36	48	15	2.8636	.00204	.77009
35	64	0	31.2121	.00000	.99999	36	49	14	3.7500	.00125	.86068
36	0	63	123.6818	.00000	.99999	36	50	13	4.7727	.00070	.92235
36	1	62	115.0227	.00000	.99999	36	51	12	5.9318	.00036	.96015
36	2	61	109.5000	.00000	.99999	36	52	11	7.2273	.00016	.98244
36	3	60	104.1136	.00000	.99999	36	53	10	8.6591	.00007	.99254
36	4	59	98.8636	.00000	.99999	36	54	9	10.2273	.00003	.99731
36	5	58	93.7500	.00000	.99999	36	55	8	11.9318	.00001	.99913
36	6	57	88.7727	.00000	.99999	36	56	7	13.7727	.00000	.99975
36	7	56	83.9318	.00000	.99999	36	57	6	15.7500	.00000	.99994
36	8	55	79.2273	.00000	.99999	36	58	5	17.8636	.00000	.99998
36	9	54	74.6591	.00000	.99999	36	59	4	20.1136	.00000	.99999
36	10	53	70.2273	.00000	.99999	36	60	3	22.5000	.00000	.99999
36	11	52	65.9318	.00000	.99999	36	61	2	25.0227	.00000	.99999
36	12	51	61.7727	.00000	.99999	36	62	1	27.6818	.00000	.99999
36	13	50	57.7500	.00000	.99999	36	63	0	30.4773	.00000	.99999
36	14	49	53.8636	.00000	.99999	37	0	62	117.2121	.00000	.99999
36	15	48	50.1136	.00000	.99999	37	1	61	111.6439	.00000	.99999
36	16	47	46.5000	.00000	.99999	37	2	60	106.2121	.00000	.99999
36	17	46	43.0227	.00000	.99999	37	3	59	100.9167	.00000	.99999
36	18	45	39.6818	.00000	.99999	37	4	58	95.7576	.00000	.99999
36	19	44	36.4773	.00000	.99999	37	5	57	90.7348	.00000	.99999
36	20	43	33.4091	.00000	.99999	37	6	56	85.8485	.00000	.99999
36	21	42	30.4773	.00000	.99999	37	7	55	81.0985	.00000	.99999
36	22	41	27.6818	.00000	.99999	37	8	54	76.4848	.00000	.99999
36	23	40	25.0227	.00000	.99999	37	9	53	72.0076	.00000	.99999
36	24	39	22.5000	.00000	.99998	37	10	52	67.6667	.00000	.99999
36	25	38	20.1136	.00000	.99995	37	11	51	63.4621	.00000	.99999
36	26	37	17.8636	.00000	.99985	37	12	50	59.3939	.00000	.99999
36	27	36	15.7500	.00000	.99959	37	13	49	55.4621	.00000	.99999
36	28	35	13.7727	.00001	.99892	37	14	48	51.6667	.00000	.99999
36	29	34	11.9318	.00002	.99746	37	15	47	48.0076	.00000	.99999
36	30	33	10.2273	.00005	.99416	37	16	46	44.4848	.00000	.99999
36	31	32	8.6591	.00012	.98737	37	17	45	41.0985	.00000	.99999
36	32	31	7.2273	.00023	.97449	37	18	44	37.8485	.00000	.99999
36	33	30	5.9318	.00044	.95144	37	19	43	34.7348	.00000	.99999
36	34	29	4.7727	.00077	.91577	37	20	42	31.7576	.00000	.99999
36	35	28	3.7500	.00128	.85424	37	21	41	28.9167	.00000	.99999
36	36	27	2.8636	.00200	.77409	37	22	40	26.2121	.00000	.99999
36	37	26	2.1136	.00291	.67735	37	23	39	23.6439	.00000	.99999
36	38	25	1.5000	.00399	.55606	37	24	38	21.2121	.00000	.99997
36	39	24	1.0227	.00511	.42131	37	25	37	18.9167	.00000	.99992
36	40	23	.6818	.00613	.30931	37	26	36	16.7576	.00000	.99978

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
37	27	35	14.7348	.00001	.99941	38	14	47	49.6212	.00000	.99999
37	28	34	12.8485	.00001	.99848	38	15	46	46.0530	.00000	.99999
37	29	33	11.0985	.00003	.99629	38	16	45	42.6212	.00000	.99999
37	30	32	9.4848	.00007	.99170	38	17	44	39.3258	.00000	.99999
37	31	31	8.0076	.00015	.98291	38	18	43	36.1667	.00000	.99999
37	32	30	6.6667	.00029	.96798	38	19	42	33.1439	.00000	.99999
37	33	29	5.4621	.00053	.94290	38	20	41	30.2576	.00000	.99999
37	34	28	4.3939	.00091	.90107	38	21	40	27.5076	.00000	.99999
37	35	27	3.4621	.00146	.83635	38	22	39	24.8939	.00000	.99999
37	36	26	2.6667	.00219	.75315	38	23	38	22.4167	.00000	.99998
37	37	25	2.0076	.00307	.64452	38	24	37	20.0758	.00000	.99996
37	38	24	1.4848	.00404	.54806	38	25	36	17.8712	.00000	.99989
37	39	23	1.0985	.00497	.43636	38	26	35	15.8030	.00000	.99968
37	40	22	.8485	.00572	.35093	38	27	34	13.8712	.00001	.99917
37	41	21	.7348	.00614	.30317	38	28	33	12.0758	.00002	.99796
37	42	20	.7576	.00614	.29703	38	29	32	10.4167	.00004	.99534
37	43	19	.9167	.00571	.35664	38	30	31	8.8939	.00009	.98997
37	44	18	1.2121	.00493	.44626	38	31	30	7.5076	.00019	.97967
37	45	17	1.6439	.00395	.56001	38	32	29	6.2576	.00035	.96085
37	46	16	2.2121	.00292	.67152	38	33	28	5.1439	.00061	.93324
37	47	15	2.9167	.00199	.77607	38	34	27	4.1667	.00101	.89171
37	48	14	3.7576	.00124	.86309	38	35	26	3.3258	.00155	.82597
37	49	13	4.7348	.00071	.92165	38	36	25	2.6212	.00224	.74434
37	50	12	5.8485	.00037	.95907	38	37	24	2.0530	.00303	.65368
37	51	11	7.0985	.00017	.98109	38	38	23	1.6212	.00383	.57551
37	52	10	8.4848	.00007	.99163	38	39	22	1.3258	.00452	.48910
37	53	9	10.0076	.00003	.99705	38	40	21	1.1667	.00497	.44133
37	54	8	11.6667	.00001	.99902	38	41	20	1.1439	.00509	.42640
37	55	7	13.4621	.00000	.99971	38	42	19	1.2576	.00485	.46585
37	56	6	15.3939	.00000	.99993	38	43	18	1.5076	.00428	.51093
37	57	5	17.4621	.00000	.99998	38	44	17	1.8939	.00350	.60499
37	58	4	19.6667	.00000	.99999	38	45	16	2.4167	.00265	.70790
37	59	3	22.0076	.00000	.99999	38	46	15	3.0758	.00184	.79710
37	60	2	24.4848	.00000	.99999	38	47	14	3.8712	.00118	.87037
37	61	1	27.0985	.00000	.99999	38	48	13	4.8030	.00069	.92304
37	62	0	29.8485	.00000	.99999	38	49	12	5.8712	.00036	.95943
38	0	61	113.8939	.00000	.99999	38	50	11	7.0758	.00017	.98092
38	1	60	108.4167	.00000	.99999	38	51	10	8.4167	.00008	.99126
38	2	59	103.0758	.00000	.99999	38	52	9	9.8939	.00003	.99693
38	3	58	97.8712	.00000	.99999	38	53	8	11.5076	.00001	.99894
38	4	57	92.8030	.00000	.99999	38	54	7	13.2576	.00000	.99970
38	5	56	87.8712	.00000	.99999	38	55	6	15.1439	.00000	.99992
38	6	55	83.0758	.00000	.99999	38	56	5	17.1667	.00000	.99998
38	7	54	78.4167	.00000	.99999	38	57	4	19.3258	.00000	.99999
38	8	53	73.8939	.00000	.99999	38	58	3	21.6212	.00000	.99999
38	9	52	69.5076	.00000	.99999	38	59	2	24.0530	.00000	.99999
38	10	51	65.2576	.00000	.99999	38	60	1	26.6212	.00000	.99999
38	11	50	61.1439	.00000	.99999	38	61	0	29.3258	.00000	.99999
38	12	49	57.1667	.00000	.99999	39	0	60	110.7273	.00000	.99999
38	13	48	53.3258	.00000	.99999	39	1	59	105.3409	.00000	.99999

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
39	2	58	100.0909	.00000	.99999	39	52	8	11.4545	.00001	.99891
39	3	57	94.9773	.00000	.99999	39	53	7	13.1591	.00000	.99968
39	4	56	90.0000	.00000	.99999	39	54	6	15.0000	.00000	.99991
39	5	55	85.1591	.00000	.99999	39	55	5	16.9773	.00000	.99999
39	6	54	80.4545	.00000	.99999	39	56	4	19.0909	.00000	.99999
39	7	53	75.8864	.00000	.99999	39	57	3	21.3409	.00000	.99999
39	8	52	71.4545	.00000	.99999	39	58	2	23.7273	.00000	.99999
39	9	51	67.1591	.00000	.99999	39	59	1	26.2500	.00000	.99999
39	10	50	63.0000	.00000	.99999	39	60	0	28.9091	.00000	.99999
39	11	49	58.9773	.00000	.99999	40	0	59	107.7121	.00000	.99999
39	12	48	55.0909	.00000	.99999	40	1	58	102.4167	.00000	.99999
39	13	47	51.3409	.00000	.99999	40	2	57	97.2576	.00000	.99999
39	14	46	47.7273	.00000	.99999	40	3	56	92.2348	.00000	.99999
39	15	45	44.2500	.00000	.99999	40	4	55	87.3485	.00000	.99999
39	16	44	40.9091	.00000	.99999	40	5	54	82.5985	.00000	.99999
39	17	43	37.7045	.00000	.99999	40	6	53	77.9848	.00000	.99999
39	18	42	34.6364	.00000	.99999	40	7	52	73.5076	.00000	.99999
39	19	41	31.7045	.00000	.99999	40	8	51	69.1667	.00000	.99999
39	20	40	28.9091	.00000	.99999	40	9	50	64.9621	.00000	.99999
39	21	39	26.2500	.00000	.99999	40	10	49	60.8939	.00000	.99999
39	22	38	23.7273	.00000	.99999	40	11	48	56.9621	.00000	.99999
39	23	37	21.3409	.00000	.99998	40	12	47	53.1667	.00000	.99999
39	24	36	19.0909	.00000	.99995	40	13	46	49.5076	.00000	.99999
39	25	35	16.9773	.00000	.99984	40	14	45	45.9848	.00000	.99999
39	26	34	15.0000	.00000	.99957	40	15	44	42.5985	.00000	.99999
39	27	33	13.1591	.00001	.99897	40	16	43	39.3485	.00000	.99999
39	28	32	11.4545	.00002	.99743	40	17	42	36.2348	.00000	.99999
39	29	31	9.8864	.00005	.99421	40	18	41	33.2576	.00000	.99999
39	30	30	8.4545	.00011	.98783	40	19	40	30.4167	.00000	.99999
39	31	29	7.1591	.00021	.97692	40	20	39	27.7121	.00000	.99999
39	32	28	6.0000	.00039	.95719	40	21	38	25.1439	.00000	.99999
39	33	27	4.9773	.00066	.92568	40	22	37	22.7121	.00000	.99999
39	34	26	4.0909	.00105	.88456	40	23	36	20.4167	.00000	.99997
39	35	25	3.3409	.00155	.82442	40	24	35	18.2576	.00000	.99993
39	36	24	2.7273	.00216	.75746	40	25	34	16.2348	.00000	.99979
39	37	23	2.2500	.00280	.69195	40	26	33	14.3485	.00001	.99946
39	38	22	1.9091	.00339	.62211	40	27	32	12.5985	.00001	.99864
39	39	21	1.7045	.00382	.58315	40	28	31	10.9848	.00003	.99688
39	40	20	1.6364	.00401	.55207	40	29	30	9.5076	.00006	.99346
39	41	19	1.7045	.00391	.56392	40	30	29	8.1667	.00012	.98677
39	42	18	1.9091	.00354	.60149	40	31	28	6.9621	.00023	.97472
39	43	17	2.2500	.00296	.66861	40	32	27	5.8939	.00041	.95440
39	44	16	2.7273	.00229	.73528	40	33	26	4.9621	.00067	.92370
39	45	15	3.3409	.00163	.82125	40	34	25	4.1667	.00102	.88867
39	46	14	4.0909	.00106	.88836	40	35	24	3.5076	.00146	.83926
39	47	13	4.9773	.00063	.92951	40	36	23	2.9848	.00194	.77779
39	48	12	6.0000	.00034	.96119	40	37	22	2.5985	.00241	.72819
39	49	11	7.1591	.00017	.98177	40	38	21	2.3485	.00279	.68934
39	50	10	8.4545	.00007	.99155	40	39	20	2.2348	.00301	.65669
39	51	9	9.8864	.00003	.99690	40	40	19	2.2576	.00301	.65970

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
40	41	18	2.4167	.00279	.69713	41	31	27	6.9167	.00024	.97331
40	42	17	2.7121	.00239	.73298	41	32	26	5.9394	.00040	.95602
40	43	16	3.1439	.00189	.78968	41	33	25	5.0985	.00063	.92888
40	44	15	3.7121	.00137	.84760	41	34	24	4.3939	.00093	.89740
40	45	14	4.4167	.00092	.90016	41	35	23	3.8258	.00128	.85680
40	46	13	5.2576	.00056	.93967	41	36	22	3.3939	.00163	.81636
40	47	12	6.2348	.00031	.96677	41	37	21	3.0985	.00194	.78565
40	48	11	7.3485	.00015	.98275	41	38	20	2.9394	.00215	.76177
40	49	10	8.5985	.00007	.99241	41	39	19	2.9167	.00220	.75096
40	50	9	9.9848	.00003	.99702	41	40	18	3.0303	.00209	.76599
40	51	8	11.5076	.00001	.99896	41	41	17	3.2803	.00189	.79894
40	52	7	13.1667	.00000	.99968	41	42	16	3.6667	.00149	.83049
40	53	6	14.9621	.00000	.99991	41	43	15	4.1894	.00111	.87603
40	54	5	16.8939	.00000	.99998	41	44	14	4.8485	.00075	.91809
40	55	4	18.9621	.00000	.99999	41	45	13	5.6439	.00047	.94873
40	56	3	21.1667	.00000	.99999	41	46	12	6.5758	.00027	.97130
40	57	2	23.5076	.00000	.99999	41	47	11	7.6439	.00014	.98534
40	58	1	25.9848	.00000	.99999	41	48	10	8.8485	.00006	.99352
40	59	0	28.5985	.00000	.99999	41	49	9	10.1894	.00003	.99726
41	0	58	104.8485	.00000	.99999	41	50	8	11.6667	.00001	.99903
41	1	57	99.6439	.00000	.99999	41	51	7	13.2803	.00000	.99970
41	2	56	94.5758	.00000	.99999	41	52	6	15.0303	.00000	.99992
41	3	55	89.6439	.00000	.99999	41	53	5	16.9167	.00000	.99998
41	4	54	84.8485	.00000	.99999	41	54	4	18.9394	.00000	.99999
41	5	53	80.1894	.00000	.99999	41	55	3	21.0985	.00000	.99999
41	6	52	75.6667	.00000	.99999	41	56	2	23.3939	.00000	.99999
41	7	51	71.2803	.00000	.99999	41	57	1	25.8258	.00000	.99999
41	8	50	67.0303	.00000	.99999	41	58	0	28.3939	.00000	.99999
41	9	49	62.9167	.00000	.99999	42	0	57	102.1364	.00000	.99999
41	10	48	58.9394	.00000	.99999	42	1	56	97.0227	.00000	.99999
41	11	47	55.0985	.00000	.99999	42	2	55	92.0455	.00000	.99999
41	12	46	51.3939	.00000	.99999	42	3	54	87.2045	.00000	.99999
41	13	45	47.8258	.00000	.99999	42	4	53	82.5000	.00000	.99999
41	14	44	44.3939	.00000	.99999	42	5	52	77.9318	.00000	.99999
41	15	43	41.0985	.00000	.99999	42	6	51	73.5000	.00000	.99999
41	16	42	37.9394	.00000	.99999	42	7	50	69.2045	.00000	.99999
41	17	41	34.9167	.00000	.99999	42	8	49	65.0455	.00000	.99999
41	18	40	32.0303	.00000	.99999	42	9	48	61.0227	.00000	.99999
41	19	39	29.2803	.00000	.99999	42	10	47	57.1364	.00000	.99999
41	20	38	26.6667	.00000	.99999	42	11	46	53.3864	.00000	.99999
41	21	37	24.1894	.00000	.99999	42	12	45	49.7727	.00000	.99999
41	22	36	21.8485	.00000	.99998	42	13	44	46.2955	.00000	.99999
41	23	35	19.6439	.00000	.99997	42	14	43	42.9545	.00000	.99999
41	24	34	17.5758	.00000	.99990	42	15	42	39.7500	.00000	.99999
41	25	33	15.6439	.00000	.99974	42	16	41	36.6818	.00000	.99999
41	26	32	13.8485	.00001	.99933	42	17	40	33.7500	.00000	.99999
41	27	31	12.1894	.00001	.99841	42	18	39	30.9545	.00000	.99999
41	28	30	10.6667	.00003	.99635	42	19	38	28.2955	.00000	.99999
41	29	29	9.2803	.00007	.99261	42	20	37	25.7727	.00000	.99999
41	30	28	8.0303	.00013	.98587	42	21	36	23.3864	.00000	.99999

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
42	22	35	21.1364	.00000	.99998	43	14	42	41.6667	.00000	.99999
42	23	34	19.0227	.00000	.99996	43	15	41	38.5530	.00000	.99999
42	24	33	17.0455	.00000	.99989	43	16	40	35.5758	.00000	.99999
42	25	32	15.2045	.00000	.99969	43	17	39	32.7348	.00000	.99999
42	26	31	13.5000	.00001	.99923	43	18	38	30.0303	.00000	.99999
42	27	30	11.9318	.00002	.99824	43	19	37	27.4621	.00000	.99999
42	28	29	10.5000	.00004	.99615	43	20	36	25.0303	.00000	.99999
42	29	28	9.2045	.00007	.99206	43	21	35	22.7348	.00000	.99999
42	30	27	8.0455	.00013	.98574	43	22	34	20.5758	.00000	.99998
42	31	26	7.0227	.00023	.97495	43	23	33	18.5530	.00000	.99995
42	32	25	6.1364	.00037	.95833	43	24	32	16.6667	.00000	.99987
42	33	24	5.3864	.00057	.93911	43	25	31	14.9167	.00000	.99966
42	34	23	4.7727	.00080	.91103	43	26	30	13.3030	.00001	.99920
42	35	22	4.2955	.00105	.88247	43	27	29	11.8258	.00002	.99808
42	36	21	3.9545	.00128	.85553	43	28	28	10.4848	.00004	.99605
42	37	20	3.7500	.00146	.83781	43	29	27	9.2803	.00007	.99248
42	38	19	3.6818	.00153	.82751	43	30	26	8.2121	.00012	.98689
42	39	18	3.7500	.00149	.82900	43	31	25	7.2803	.00021	.97734
42	40	17	3.9545	.00134	.85166	43	32	24	6.4848	.00033	.96487
42	41	16	4.2955	.00112	.87492	43	33	23	5.8258	.00047	.94732
42	42	15	4.7727	.00085	.90364	43	34	22	5.3030	.00064	.92761
42	43	14	5.3864	.00059	.93565	43	35	21	4.9167	.00081	.91023
42	44	13	6.1364	.00038	.95795	43	36	20	4.6667	.00094	.89553
42	45	12	7.0227	.00022	.97628	43	37	19	4.5530	.00102	.88969
42	46	11	8.0455	.00011	.98760	43	38	18	4.5758	.00102	.89071
42	47	10	9.2045	.00005	.99426	43	39	17	4.7348	.00094	.89647
42	48	9	10.5000	.00002	.99771	43	40	16	5.0303	.00080	.91263
42	49	8	11.9318	.00001	.99915	43	41	15	5.4621	.00062	.93201
42	50	7	13.5000	.00000	.99972	43	42	14	6.0303	.00044	.95100
42	51	6	15.2045	.00000	.99993	43	43	13	6.7348	.00029	.96914
42	52	5	17.0455	.00000	.99998	43	44	12	7.5758	.00017	.98144
42	53	4	19.0227	.00000	.99999	43	45	11	8.5530	.00009	.99034
42	54	3	21.1364	.00000	.99999	43	46	10	9.6667	.00004	.99529
42	55	2	23.3864	.00000	.99999	43	47	9	10.9167	.00002	.99799
42	56	1	25.7727	.00000	.99999	43	48	8	12.3030	.00001	.99926
42	57	0	28.2955	.00000	.99999	43	49	7	13.8258	.00000	.99976
43	0	56	99.5758	.00000	.99999	43	50	6	15.4848	.00000	.99994
43	1	55	94.5530	.00000	.99999	43	51	5	17.2803	.00000	.99998
43	2	54	89.6667	.00000	.99999	43	52	4	19.2121	.00000	.99999
43	3	53	84.9167	.00000	.99999	43	53	3	21.2803	.00000	.99999
43	4	52	80.3030	.00000	.99999	43	54	2	23.4848	.00000	.99999
43	5	51	75.8258	.00000	.99999	43	55	1	25.8258	.00000	.99999
43	6	50	71.4848	.00000	.99999	43	56	0	28.3030	.00000	.99999
43	7	49	67.2803	.00000	.99999	44	0	55	97.1667	.00000	.99999
43	8	48	63.2121	.00000	.99999	44	1	54	92.2348	.00000	.99999
43	9	47	59.2803	.00000	.99999	44	2	53	87.4394	.00000	.99999
43	10	46	55.4848	.00000	.99999	44	3	52	82.7803	.00000	.99999
43	11	45	51.8258	.00000	.99999	44	4	51	78.2576	.00000	.99999
43	12	44	48.3030	.00000	.99999	44	5	50	73.8712	.00000	.99999
43	13	43	44.9167	.00000	.99999	44	6	49	69.6212	.00000	.99999

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
44	7	48	65.5076	.00000	.99999	45	1	53	90.0682	.00000	.99999
44	8	47	61.5303	.00000	.99999	45	2	52	85.3636	.00000	.99999
44	9	46	57.6894	.00000	.99999	45	3	51	80.7955	.00000	.99999
44	10	45	53.9848	.00000	.99999	45	4	50	76.3636	.00000	.99999
44	11	44	50.4167	.00000	.99999	45	5	49	72.0682	.00000	.99999
44	12	43	46.9848	.00000	.99999	45	6	48	67.9091	.00000	.99999
44	13	42	43.6894	.00000	.99999	45	7	47	63.8864	.00000	.99999
44	14	41	40.5303	.00000	.99999	45	8	46	60.0000	.00000	.99999
44	15	40	37.5076	.00000	.99999	45	9	45	56.2500	.00000	.99999
44	16	39	34.6212	.00000	.99999	45	10	44	52.6364	.00000	.99999
44	17	38	31.8712	.00000	.99999	45	11	43	49.1591	.00000	.99999
44	18	37	29.2576	.00000	.99999	45	12	42	45.8182	.00000	.99999
44	19	36	26.7803	.00000	.99999	45	13	41	42.6136	.00000	.99999
44	20	35	24.4394	.00000	.99999	45	14	40	39.5455	.00000	.99999
44	21	34	22.2348	.00000	.99999	45	15	39	36.6136	.00000	.99999
44	22	33	20.1667	.00000	.99998	45	16	38	33.8182	.00000	.99999
44	23	32	18.2348	.00000	.99995	45	17	37	31.1591	.00000	.99999
44	24	31	16.4394	.00000	.99986	45	18	36	28.6364	.00000	.99999
44	25	30	14.7803	.00000	.99962	45	19	35	26.2500	.00000	.99999
44	26	29	13.2576	.00001	.99916	45	20	34	24.0000	.00000	.99999
44	27	28	11.8712	.00002	.99815	45	21	33	21.8864	.00000	.99999
44	28	27	10.6212	.00003	.99625	45	22	32	19.9091	.00000	.99998
44	29	26	9.5076	.00006	.99321	45	23	31	18.0682	.00000	.99994
44	30	25	8.5303	.00011	.98805	45	24	30	16.3636	.00000	.99985
44	31	24	7.6894	.00018	.98022	45	25	29	14.7955	.00000	.99963
44	32	23	6.9848	.00027	.97077	45	26	28	13.3636	.00001	.99920
44	33	22	6.4167	.00037	.95876	45	27	27	12.0682	.00002	.99832
44	34	21	5.9848	.00048	.94589	45	28	26	10.9091	.00003	.99661
44	35	20	5.6894	.00058	.93797	45	29	25	9.8864	.00006	.99410
44	36	19	5.5303	.00064	.92697	45	30	24	9.0000	.00009	.99024
44	37	18	5.5076	.00066	.92502	45	31	23	8.2500	.00014	.98438
44	38	17	5.6212	.00062	.93139	45	32	22	7.6364	.00020	.97796
44	39	16	5.8712	.00054	.94076	45	33	21	7.1591	.00027	.96997
44	40	15	6.2576	.00043	.95232	45	34	20	6.8182	.00034	.96322
44	41	14	6.7803	.00032	.96615	45	35	19	6.6136	.00038	.95758
44	42	13	7.4394	.00021	.97719	45	36	18	6.5455	.00041	.95481
44	43	12	8.2348	.00013	.98652	45	37	17	6.6136	.00039	.95641
44	44	11	9.1667	.00007	.99227	45	38	16	6.8182	.00035	.96050
44	45	10	10.2348	.00003	.99622	45	39	15	7.1591	.00029	.96856
44	46	9	11.4394	.00001	.99842	45	40	14	7.6364	.00022	.97649
44	47	8	12.7803	.00001	.99943	45	41	13	8.2500	.00015	.98350
44	48	7	14.2576	.00000	.99981	45	42	12	9.0000	.00009	.99015
44	49	6	15.8712	.00000	.99994	45	43	11	9.8864	.00005	.99468
44	50	5	17.6212	.00000	.99998	45	44	10	10.9091	.00003	.99723
44	51	4	19.5076	.00000	.99999	45	45	9	12.0682	.00001	.99877
44	52	3	21.5303	.00000	.99999	45	46	8	13.3636	.00000	.99953
44	53	2	23.6894	.00000	.99999	45	47	7	14.7955	.00000	.99984
44	54	1	25.9848	.00000	.99999	45	48	6	16.3636	.00000	.99995
44	55	0	28.4167	.00000	.99999	45	49	5	18.0682	.00000	.99998
45	0	54	94.9091	.00000	.99999	45	50	4	19.9091	.00000	.99999

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
45	51	3	21.8864	.00000	.99999	46	46	7	15.4394	.00000	.99988
45	52	2	24.0000	.00000	.99999	46	47	6	16.9621	.00000	.99997
45	53	1	26.2500	.00000	.99999	46	48	5	18.6212	.00000	.99998
45	54	0	28.6364	.00000	.99999	46	49	4	20.4167	.00000	.99999
46	0	53	92.8030	.00000	.99999	46	50	3	22.3485	.00000	.99999
46	1	52	88.0530	.00000	.99999	46	51	2	24.4167	.00000	.99999
46	2	51	83.4394	.00000	.99999	46	52	1	26.6212	.00000	.99999
46	3	50	78.9621	.00000	.99999	46	53	0	28.9621	.00000	.99999
46	4	49	74.6212	.00000	.99999	47	0	52	90.8485	.00000	.99999
46	5	48	70.4167	.00000	.99999	47	1	51	86.1894	.00000	.99999
46	6	47	66.3485	.00000	.99999	47	2	50	81.6667	.00000	.99999
46	7	46	62.4167	.00000	.99999	47	3	49	77.2803	.00000	.99999
46	8	45	58.6212	.00000	.99999	47	4	48	73.0303	.00000	.99999
46	9	44	54.9621	.00000	.99999	47	5	47	68.9167	.00000	.99999
46	10	43	51.4394	.00000	.99999	47	6	46	64.9394	.00000	.99999
46	11	42	48.0530	.00000	.99999	47	7	45	61.0985	.00000	.99999
46	12	41	44.8030	.00000	.99999	47	8	44	57.3939	.00000	.99999
46	13	40	41.6894	.00000	.99999	47	9	43	53.8258	.00000	.99999
46	14	39	38.7121	.00000	.99999	47	10	42	50.3939	.00000	.99999
46	15	38	35.8712	.00000	.99999	47	11	41	47.0985	.00000	.99999
46	16	37	33.1667	.00000	.99999	47	12	40	43.9394	.00000	.99999
46	17	36	30.5985	.00000	.99999	47	13	39	40.9167	.00000	.99999
46	18	35	28.1667	.00000	.99999	47	14	38	38.0303	.00000	.99999
46	19	34	25.8712	.00000	.99999	47	15	37	35.2803	.00000	.99999
46	20	33	23.7121	.00000	.99999	47	16	36	32.6667	.00000	.99999
46	21	32	21.6894	.00000	.99999	47	17	35	30.1894	.00000	.99999
46	22	31	19.8030	.00000	.99997	47	18	34	27.8485	.00000	.99999
46	23	30	18.0530	.00000	.99994	47	19	33	25.6439	.00000	.99999
46	24	29	16.4394	.00000	.99986	47	20	32	23.5758	.00000	.99999
46	25	28	14.9621	.00000	.99966	47	21	31	21.6439	.00000	.99998
46	26	27	13.6212	.00001	.99925	47	22	30	19.8485	.00000	.99997
46	27	26	12.4167	.00001	.99851	47	23	29	18.1894	.00000	.99995
46	28	25	11.3485	.00003	.99715	47	24	28	16.6667	.00000	.99987
46	29	24	10.4167	.00004	.99516	47	25	27	15.2803	.00000	.99970
46	30	23	9.6212	.00007	.99184	47	26	26	14.0303	.00001	.99936
46	31	22	8.9621	.00011	.98659	47	27	25	12.9167	.00001	.99875
46	32	21	8.4394	.00015	.98394	47	28	24	11.9394	.00002	.99784
46	33	20	8.0530	.00019	.97930	47	29	23	11.0985	.00003	.99619
46	34	19	7.8030	.00022	.97562	47	30	22	10.3939	.00005	.99432
46	35	18	7.6894	.00024	.97355	47	31	21	9.8258	.00007	.99141
46	36	17	7.7121	.00024	.97378	47	32	20	9.3939	.00010	.98950
46	37	16	7.8712	.00022	.97584	47	33	19	9.0985	.00012	.98726
46	38	15	8.1667	.00018	.97986	47	34	18	8.9394	.00013	.98561
46	39	14	8.5985	.00014	.98452	47	35	17	8.9167	.00014	.98507
46	40	13	9.1667	.00010	.98936	47	36	16	9.0303	.00013	.98626
46	41	12	9.8712	.00006	.99333	47	37	15	9.2803	.00011	.98771
46	42	11	10.7121	.00004	.99671	47	38	14	9.6667	.00009	.99051
46	43	10	11.6894	.00002	.99801	47	39	13	10.1894	.00006	.99327
46	44	9	12.8030	.00001	.99911	47	40	12	10.8485	.00004	.99556
46	45	8	14.0530	.00001	.99965	47	41	11	11.6439	.00002	.99748

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
47	42	10	12.5758	.00001	.99866	48	39	12	11.9318	.00003	.99720
47	43	9	13.6439	.00001	.99937	48	40	11	12.6818	.00002	.99836
47	44	8	14.8485	.00000	.99975	48	41	10	13.5682	.00001	.99912
47	45	7	16.1894	.00000	.99991	48	42	9	14.5909	.00000	.99958
47	46	6	17.6667	.00000	.99997	48	43	8	15.7500	.00000	.99983
47	47	5	19.2803	.00000	.99999	48	44	7	17.0455	.00000	.99994
47	48	4	21.0303	.00000	.99999	48	45	6	18.4773	.00000	.99998
47	49	3	22.9167	.00000	.99999	48	46	5	20.0455	.00000	.99999
47	50	2	24.9394	.00000	.99999	48	47	4	21.7500	.00000	.99999
47	51	1	27.0985	.00000	.99999	48	48	3	23.5909	.00000	.99999
47	52	0	29.3939	.00000	.99999	48	49	2	25.5682	.00000	.99999
48	0	51	89.0455	.00000	.99999	48	50	1	27.6818	.00000	.99999
48	1	50	84.4773	.00000	.99999	48	51	0	29.9318	.00000	.99999
48	2	49	80.0455	.00000	.99999	49	0	50	87.3939	.00000	.99999
48	3	48	75.7500	.00000	.99999	49	1	49	82.9167	.00000	.99999
48	4	47	71.5909	.00000	.99999	49	2	48	78.5758	.00000	.99999
48	5	46	67.5682	.00000	.99999	49	3	47	74.3712	.00000	.99999
48	6	45	63.6818	.00000	.99999	49	4	46	70.3030	.00000	.99999
48	7	44	59.9318	.00000	.99999	49	5	45	66.3712	.00000	.99999
48	8	43	56.3182	.00000	.99999	49	6	44	62.5758	.00000	.99999
48	9	42	52.8409	.00000	.99999	49	7	43	58.9167	.00000	.99999
48	10	41	49.5000	.00000	.99999	49	8	42	55.3939	.00000	.99999
48	11	40	46.2955	.00000	.99999	49	9	41	52.0076	.00000	.99999
48	12	39	43.2273	.00000	.99999	49	10	40	48.7576	.00000	.99999
48	13	38	40.2955	.00000	.99999	49	11	39	45.6439	.00000	.99999
48	14	37	37.5000	.00000	.99999	49	12	38	42.6667	.00000	.99999
48	15	36	34.8409	.00000	.99999	49	13	37	39.8258	.00000	.99999
48	16	35	32.3182	.00000	.99999	49	14	36	37.1212	.00000	.99999
48	17	34	29.9318	.00000	.99999	49	15	35	34.5530	.00000	.99999
48	18	33	27.6818	.00000	.99999	49	16	34	32.1212	.00000	.99999
48	19	32	25.5682	.00000	.99999	49	17	33	29.8258	.00000	.99999
48	20	31	23.5909	.00000	.99999	49	18	32	27.6667	.00000	.99999
48	21	30	21.7500	.00000	.99999	49	19	31	25.6439	.00000	.99999
48	22	29	20.0455	.00000	.99998	49	20	30	23.7576	.00000	.99999
48	23	28	18.4773	.00000	.99995	49	21	29	22.0076	.00000	.99999
48	24	27	17.0455	.00000	.99988	49	22	28	20.3939	.00000	.99998
48	25	26	15.7500	.00000	.99974	49	23	27	18.9167	.00000	.99996
48	26	25	14.5909	.00000	.99950	49	24	26	17.5758	.00000	.99990
48	27	24	13.5682	.00001	.99904	49	25	25	16.3712	.00000	.99980
48	28	23	12.6818	.00002	.99835	49	26	24	15.3030	.00000	.99960
48	29	22	11.9318	.00002	.99741	49	27	23	14.3712	.00001	.99930
48	30	21	11.3182	.00004	.99597	49	28	22	13.5758	.00001	.99883
48	31	20	10.8409	.00005	.99493	49	29	21	12.9167	.00002	.99819
48	32	19	10.5000	.00006	.99358	49	30	20	12.3939	.00002	.99762
48	33	18	10.2955	.00007	.99199	49	31	19	12.0076	.00003	.99676
48	34	17	10.2273	.00007	.99133	49	32	18	11.7576	.00004	.99608
48	35	16	10.2955	.00007	.99177	49	33	17	11.6439	.00004	.99578
48	36	15	10.5000	.00006	.99314	49	34	16	11.6667	.00004	.99574
48	37	14	10.8409	.00005	.99437	49	35	15	11.8258	.00004	.99612
48	38	13	11.3182	.00004	.99586	49	36	14	12.1212	.00003	.99682

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
49	37	13	12.5530	.00002	.99769	50	36	13	13.8939	.00001	.99868
49	38	12	13.1212	.00002	.99838	50	37	12	14.4167	.00001	.99907
49	39	11	13.8258	.00001	.99899	50	38	11	15.0758	.00001	.99943
49	40	10	14.6667	.00001	.99946	50	39	10	15.8712	.00000	.99967
49	41	9	15.6439	.00000	.99973	50	40	9	16.8030	.00000	.99984
49	42	8	16.7576	.00000	.99989	50	41	8	17.8712	.00000	.99993
49	43	7	18.0076	.00000	.99996	50	42	7	19.0758	.00000	.99997
49	44	6	19.3939	.00000	.99998	50	43	6	20.4167	.00000	.99998
49	45	5	20.9167	.00000	.99999	50	44	5	21.8939	.00000	.99999
49	46	4	22.5758	.00000	.99999	50	45	4	23.5076	.00000	.99999
49	47	3	24.3712	.00000	.99999	50	46	3	25.2576	.00000	.99999
49	48	2	26.3030	.00000	.99999	50	47	2	27.1439	.00000	.99999
49	49	1	28.3712	.00000	.99999	50	48	1	29.1667	.00000	.99999
49	50	0	30.5758	.00000	.99999	50	49	0	31.3258	.00000	.99999
50	0	49	85.8939	.00000	.99999	51	0	48	84.5455	.00000	.99999
50	1	48	81.5076	.00000	.99999	51	1	47	80.2500	.00000	.99999
50	2	47	77.2576	.00000	.99999	51	2	46	76.0909	.00000	.99999
50	3	46	73.1439	.00000	.99999	51	3	45	72.0682	.00000	.99999
50	4	45	69.1667	.00000	.99999	51	4	44	68.1818	.00000	.99999
50	5	44	65.3258	.00000	.99999	51	5	43	64.4318	.00000	.99999
50	6	43	61.6212	.00000	.99999	51	6	42	60.8182	.00000	.99999
50	7	42	58.0530	.00000	.99999	51	7	41	57.3409	.00000	.99999
50	8	41	54.6212	.00000	.99999	51	8	40	54.0000	.00000	.99999
50	9	40	51.3258	.00000	.99999	51	9	39	50.7955	.00000	.99999
50	10	39	48.1667	.00000	.99999	51	10	38	47.7273	.00000	.99999
50	11	38	45.1439	.00000	.99999	51	11	37	44.7955	.00000	.99999
50	12	37	42.2576	.00000	.99999	51	12	36	42.0000	.00000	.99999
50	13	36	39.5076	.00000	.99999	51	13	35	39.3409	.00000	.99999
50	14	35	36.8939	.00000	.99999	51	14	34	36.8182	.00000	.99999
50	15	34	34.4167	.00000	.99999	51	15	33	34.4318	.00000	.99999
50	16	33	32.0758	.00000	.99999	51	16	32	32.1818	.00000	.99999
50	17	32	29.8712	.00000	.99999	51	17	31	30.0682	.00000	.99999
50	18	31	27.8030	.00000	.99999	51	18	30	28.0909	.00000	.99999
50	19	30	25.8712	.00000	.99999	51	19	29	26.2500	.00000	.99999
50	20	29	24.0758	.00000	.99999	51	20	28	24.5455	.00000	.99999
50	21	28	22.4167	.00000	.99999	51	21	27	22.9773	.00000	.99999
50	22	27	20.8939	.00000	.99998	51	22	26	21.5455	.00000	.99998
50	23	26	19.5076	.00000	.99997	51	23	25	20.2500	.00000	.99997
50	24	25	18.2576	.00000	.99992	51	24	24	19.0909	.00000	.99995
50	25	24	17.1439	.00000	.99985	51	25	23	18.0682	.00000	.99989
50	26	23	16.1667	.00000	.99971	51	26	22	17.1818	.00000	.99981
50	27	22	15.3258	.00000	.99951	51	27	21	16.4318	.00000	.99969
50	28	21	14.6212	.00001	.99921	51	28	20	15.8182	.00000	.99953
50	29	20	14.0530	.00001	.99887	51	29	19	15.3409	.00001	.99935
50	30	19	13.6212	.00001	.99852	51	30	18	15.0000	.00001	.99918
50	31	18	13.3258	.00002	.99812	51	31	17	14.7955	.00001	.99905
50	32	17	13.1667	.00002	.99794	51	32	16	14.7273	.00001	.99898
50	33	16	13.1439	.00002	.99788	51	33	15	14.7955	.00001	.99900
50	34	15	13.2576	.00002	.99798	51	34	14	15.0000	.00001	.99914
50	35	14	13.5076	.00002	.99830	51	35	13	15.3409	.00001	.99931

TABLE E

U	V	W	X2	P(A)	CUM P(E)	U	V	W	X2	P(A)	CUM P(E)
51	36	12	15.8182	.00000	.99951	52	37	10	18.5985	.00000	.99989
51	37	11	16.4318	.00000	.99967	52	38	9	19.4394	.00000	.99995
51	38	10	17.1818	.00000	.99982	52	39	8	20.4167	.00000	.99997
51	39	9	18.0682	.00000	.99990	52	40	7	21.5303	.00000	.99998
51	40	8	19.0909	.00000	.99996	52	41	6	22.7803	.00000	.99999
51	41	7	20.2500	.00000	.99998	52	42	5	24.1667	.00000	.99999
51	42	6	21.5455	.00000	.99999	52	43	4	25.6894	.00000	.99999
51	43	5	22.9773	.00000	.99999	52	44	3	27.3485	.00000	.99999
51	44	4	24.5455	.00000	.99999	52	45	2	29.1439	.00000	.99999
51	45	3	26.2500	.00000	.99999	52	46	1	31.0758	.00000	.99999
51	46	2	28.0909	.00000	.99999	52	47	0	33.1439	.00000	.99999
51	47	1	30.0682	.00000	.99999	53	0	46	82.3030	.00000	.99999
51	48	0	32.1818	.00000	.99999	53	1	45	78.1894	.00000	.99999
52	0	47	83.3485	.00000	.99999	53	2	44	74.2121	.00000	.99999
52	1	46	79.1439	.00000	.99999	53	3	43	70.3712	.00000	.99999
52	2	45	75.0758	.00000	.99999	53	4	42	66.6667	.00000	.99999
52	3	44	71.1439	.00000	.99999	53	5	41	63.0985	.00000	.99999
52	4	43	67.3485	.00000	.99999	53	6	40	59.6667	.00000	.99999
52	5	42	63.6894	.00000	.99999	53	7	39	56.3712	.00000	.99999
52	6	41	60.1667	.00000	.99999	53	8	38	53.2121	.00000	.99999
52	7	40	56.7803	.00000	.99999	53	9	37	50.1894	.00000	.99999
52	8	39	53.5303	.00000	.99999	53	10	36	47.3030	.00000	.99999
52	9	38	50.4167	.00000	.99999	53	11	35	44.5530	.00000	.99999
52	10	37	47.4394	.00000	.99999	53	12	34	41.9394	.00000	.99999
52	11	36	44.5985	.00000	.99999	53	13	33	39.4621	.00000	.99999
52	12	35	41.8939	.00000	.99999	53	14	32	37.1212	.00000	.99999
52	13	34	39.3258	.00000	.99999	53	15	31	34.9167	.00000	.99999
52	14	33	36.8939	.00000	.99999	53	16	30	32.8485	.00000	.99999
52	15	32	34.5985	.00000	.99999	53	17	29	30.9167	.00000	.99999
52	16	31	32.4394	.00000	.99999	53	18	28	29.1212	.00000	.99999
52	17	30	30.4167	.00000	.99999	53	19	27	27.4621	.00000	.99999
52	18	29	28.5303	.00000	.99999	53	20	26	25.9394	.00000	.99999
52	19	28	26.7803	.00000	.99999	53	21	25	24.5530	.00000	.99999
52	20	27	25.1667	.00000	.99999	53	22	24	23.3030	.00000	.99999
52	21	26	23.6894	.00000	.99999	53	23	23	22.1894	.00000	.99998
52	22	25	22.3485	.00000	.99998	53	24	22	21.2121	.00000	.99997
52	23	24	21.1439	.00000	.99998	53	25	21	20.3712	.00000	.99996
52	24	23	20.0758	.00000	.99996	53	26	20	19.6667	.00000	.99993
52	25	22	19.1439	.00000	.99993	53	27	19	19.0985	.00000	.99989
52	26	21	18.3485	.00000	.99988	53	28	18	18.6667	.00000	.99986
52	27	20	17.6894	.00000	.99982	53	29	17	18.3712	.00000	.99983
52	28	19	17.1667	.00000	.99972	53	30	16	18.2121	.00000	.99980
52	29	18	16.7803	.00000	.99964	53	31	15	18.1894	.00000	.99979
52	30	17	16.5303	.00000	.99957	53	32	14	18.3030	.00000	.99981
52	31	16	16.4167	.00000	.99954	53	33	13	18.5530	.00000	.99984
52	32	15	16.4394	.00000	.99954	53	34	12	18.9394	.00000	.99988
52	33	14	16.5985	.00000	.99958	53	35	11	19.4621	.00000	.99991
52	34	13	16.8939	.00000	.99965	53	36	10	20.1212	.00000	.99995
52	35	12	17.3258	.00000	.99974	53	37	9	20.9167	.00000	.99997
52	36	11	17.8939	.00000	.99983	53	38	8	21.8485	.00000	.99998

TABLE E

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM P(E)
53	39	7	22.9167	.00000	.99999
53	40	6	24.1212	.00000	.99999
53	41	5	25.4621	.00000	.99999
53	42	4	26.9394	.00000	.99999
53	43	3	28.5530	.00000	.99999
53	44	2	30.3030	.00000	.99999
53	45	1	32.1894	.00000	.99999
53	46	0	34.2121	.00000	.99999
54	0	45	81.4091	.00000	.99999
54	1	44	77.3864	.00000	.99999
54	2	43	73.5000	.00000	.99999
54	3	42	69.7500	.00000	.99999
54	4	41	66.1364	.00000	.99999
54	5	40	62.6591	.00000	.99999
54	6	39	59.3182	.00000	.99999
54	7	38	56.1136	.00000	.99999
54	8	37	53.0455	.00000	.99999
54	9	36	50.1136	.00000	.99999
54	10	35	47.3182	.00000	.99999
54	11	34	44.6591	.00000	.99999
54	12	33	42.1364	.00000	.99999
54	13	32	39.7500	.00000	.99999
54	14	31	37.5000	.00000	.99999
54	15	30	35.3864	.00000	.99999
54	16	29	33.4091	.00000	.99999
54	17	28	31.5682	.00000	.99999
54	18	27	29.8636	.00000	.99999
54	19	26	28.2955	.00000	.99999
54	20	25	26.8636	.00000	.99999
54	21	24	25.5682	.00000	.99999
54	22	23	24.4091	.00000	.99999
54	23	22	23.3864	.00000	.99999
54	24	21	22.5000	.00000	.99998
54	25	20	21.7500	.00000	.99997
54	26	19	21.1364	.00000	.99996
54	27	18	20.6591	.00000	.99995
54	28	17	20.3182	.00000	.99993
54	29	16	20.1136	.00000	.99991
54	30	15	20.0455	.00000	.99991
54	31	14	20.1136	.00000	.99991
54	32	13	20.3182	.00000	.99992
54	33	12	20.6591	.00000	.99994
54	34	11	21.1364	.00000	.99996
54	35	10	21.7500	.00000	.99997

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
14	52	33	17.8939	.00000	.98324	15	16	68	123.8182	.00000	.98337
14	53	32	17.3258	.00000	.98320	15	17	67	118.4318	.00000	.98337
14	54	31	16.8939	.00000	.98316	15	18	66	113.1818	.00000	.98337
14	55	30	16.5985	.00000	.98313	15	19	65	108.0682	.00000	.98337
14	56	29	16.4394	.00000	.98311	15	20	64	103.0909	.00000	.98337
14	57	28	16.4167	.00000	.98310	15	21	63	98.2500	.00000	.98337
14	58	27	16.5303	.00000	.98312	15	22	62	93.5455	.00000	.98337
14	59	26	16.7803	.00000	.98315	15	23	61	88.9773	.00000	.98337
14	60	25	17.1667	.00000	.98319	15	24	60	84.5455	.00000	.98337
14	61	24	17.6894	.00000	.98323	15	25	59	80.2500	.00000	.98337
14	62	23	18.3485	.00000	.98327	15	26	58	76.0909	.00000	.98337
14	63	22	19.1439	.00000	.98330	15	27	57	72.0682	.00000	.98337
14	64	21	20.0758	.00000	.98333	15	28	56	68.1818	.00000	.98337
14	65	20	21.1439	.00000	.98334	15	29	55	64.4318	.00000	.98337
14	66	19	22.3485	.00000	.98336	15	30	54	60.8182	.00000	.98337
14	67	18	23.6894	.00000	.98336	15	31	53	57.3409	.00000	.98337
14	68	17	25.1667	.00000	.98337	15	32	52	54.0000	.00000	.98337
14	69	16	26.7803	.00000	.98337	15	33	51	50.7955	.00000	.98337
14	70	15	28.5303	.00000	.98337	15	34	50	47.7273	.00000	.98337
14	71	14	30.4167	.00000	.98337	15	35	49	44.7955	.00000	.98337
14	72	13	32.4394	.00000	.98337	15	36	48	42.0000	.00000	.98337
14	73	12	34.5985	.00000	.98337	15	37	47	39.3409	.00000	.98337
14	74	11	36.8939	.00000	.98337	15	38	46	36.8182	.00000	.98337
14	75	10	39.3258	.00000	.98337	15	39	45	34.4318	.00000	.98337
14	76	9	41.8939	.00000	.98337	15	40	44	32.1818	.00000	.98337
14	77	8	44.5985	.00000	.98337	15	41	43	30.0682	.00000	.98337
14	78	7	47.4394	.00000	.98337	15	42	42	28.0909	.00000	.98337
14	79	6	50.4167	.00000	.98337	15	43	41	26.2500	.00000	.98337
14	80	5	53.5303	.00000	.98337	15	44	40	24.5455	.00000	.98336
14	81	4	56.7803	.00000	.98337	15	45	39	22.9773	.00000	.98336
14	82	3	60.1667	.00000	.98337	15	46	38	21.5455	.00000	.98335
14	83	2	63.6894	.00000	.98337	15	47	37	20.2500	.00000	.98333
14	84	1	67.3485	.00000	.98337	15	48	36	19.0909	.00000	.98330
14	85	0	71.1439	.00000	.98337	15	49	35	18.0682	.00000	.98325
15	0	84	228.5455	.00000	.98337	15	50	34	17.1818	.00000	.98319
15	1	83	220.9773	.00000	.98337	15	51	33	16.4318	.00000	.98311
15	2	82	213.5455	.00000	.98337	15	52	32	15.8182	.00000	.98301
15	3	81	206.2500	.00000	.98337	15	53	31	15.3409	.00000	.98291
15	4	80	199.0909	.00000	.98337	15	54	30	15.0000	.00000	.98283
15	5	79	192.0682	.00000	.98337	15	55	29	14.7955	.00000	.98277
15	6	78	185.1818	.00000	.98337	15	56	28	14.7273	.00000	.98275
15	7	77	178.4318	.00000	.98337	15	57	27	14.7955	.00000	.98277
15	8	76	171.8182	.00000	.98337	15	58	26	15.0000	.00000	.98283
15	9	75	165.3409	.00000	.98337	15	59	25	15.3409	.00000	.98291
15	10	74	159.0000	.00000	.98337	15	60	24	15.8182	.00000	.98301
15	11	73	152.7955	.00000	.98337	15	61	23	16.4318	.00000	.98311
15	12	72	146.7273	.00000	.98337	15	62	22	17.1818	.00000	.98319
15	13	71	140.7955	.00000	.98337	15	63	21	18.0682	.00000	.98325
15	14	70	135.0000	.00000	.98337	15	64	20	19.0909	.00000	.98330
15	15	69	129.3409	.00000	.98337	15	65	19	20.2500	.00000	.98333

(1)

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
15	66	18	21.5455	.00000	.98335	16	31	52	53.5076	.00000	.98337
15	67	17	22.9773	.00000	.98336	16	32	51	50.2576	.00000	.98337
15	68	16	24.5455	.00000	.98336	16	33	50	47.1439	.00000	.98337
15	69	15	26.2500	.00000	.98337	16	34	49	44.1667	.00000	.98337
15	70	14	28.0909	.00000	.98337	16	35	48	41.3258	.00000	.98337
15	71	13	30.0682	.00000	.98337	16	36	47	38.6212	.00000	.98337
15	72	12	32.1818	.00000	.98337	16	37	46	36.0530	.00000	.98337
15	73	11	34.4318	.00000	.98337	16	38	45	33.6212	.00000	.98337
15	74	10	36.8182	.00000	.98337	16	39	44	31.3258	.00000	.98337
15	75	9	39.3409	.00000	.98337	16	40	43	29.1667	.00000	.98337
15	76	8	42.0000	.00000	.98337	16	41	42	27.1439	.00000	.98337
15	77	7	44.7955	.00000	.98337	16	42	41	25.2576	.00000	.98337
15	78	6	47.7273	.00000	.98337	16	43	40	23.5076	.00000	.98336
15	79	5	50.7955	.00000	.98337	16	44	39	21.8939	.00000	.98335
15	80	4	54.0000	.00000	.98337	16	45	38	20.4167	.00000	.98333
15	81	3	57.3409	.00000	.98337	16	46	37	19.0758	.00000	.98330
15	82	2	60.8182	.00000	.98337	16	47	36	17.8712	.00000	.98324
15	83	1	64.4318	.00000	.98337	16	48	35	16.8030	.00000	.98315
15	84	0	68.1818	.00000	.98337	16	49	34	15.8712	.00000	.98302
16	0	83	221.8939	.00000	.98337	16	50	33	15.0758	.00000	.98285
16	1	82	214.4167	.00000	.98337	16	51	32	14.4167	.00000	.98265
16	2	81	207.0758	.00000	.98337	16	52	31	13.8939	.00000	.98243
16	3	80	199.8712	.00000	.98337	16	53	30	13.5076	.00000	.98223
16	4	79	192.8030	.00000	.98337	16	54	29	13.2576	.00001	.98208
16	5	78	185.8712	.00000	.98337	16	55	28	13.1439	.00001	.98200
16	6	77	179.0758	.00000	.98337	16	56	27	13.1667	.00001	.98202
16	7	76	172.4167	.00000	.98337	16	57	26	13.3258	.00001	.98212
16	8	75	165.8939	.00000	.98337	16	58	25	13.6212	.00000	.98229
16	9	74	159.5076	.00000	.98337	16	59	24	14.0530	.00000	.98250
16	10	73	153.2576	.00000	.98337	16	60	23	14.6212	.00000	.98271
16	11	72	147.1439	.00000	.98337	16	61	22	15.3258	.00000	.98291
16	12	71	141.1667	.00000	.98337	16	62	21	16.1667	.00000	.98307
16	13	70	135.3258	.00000	.98337	16	63	20	17.1439	.00000	.98318
16	14	69	129.6212	.00000	.98337	16	64	19	18.2576	.00000	.98326
16	15	68	124.0530	.00000	.98337	16	65	18	19.5076	.00000	.98331
16	16	67	118.6212	.00000	.98337	16	66	17	20.8939	.00000	.98334
16	17	66	113.3258	.00000	.98337	16	67	16	22.4167	.00000	.98336
16	18	65	108.1667	.00000	.98337	16	68	15	24.0758	.00000	.98336
16	19	64	103.1439	.00000	.98337	16	69	14	25.8712	.00000	.98337
16	20	63	98.2576	.00000	.98337	16	70	13	27.8030	.00000	.98337
16	21	62	93.5076	.00000	.98337	16	71	12	29.8712	.00000	.98337
16	22	61	88.8939	.00000	.98337	16	72	11	32.0758	.00000	.98337
16	23	60	84.4167	.00000	.98337	16	73	10	34.4167	.00000	.98337
16	24	59	80.0758	.00000	.98337	16	74	9	36.8939	.00000	.98337
16	25	58	75.8712	.00000	.98337	16	75	8	39.5076	.00000	.98337
16	26	57	71.8030	.00000	.98337	16	76	7	42.2576	.00000	.98337
16	27	56	67.8712	.00000	.98337	16	77	6	45.1439	.00000	.98337
16	28	55	64.0758	.00000	.98337	16	78	5	48.1667	.00000	.98337
16	29	54	60.4167	.00000	.98337	16	79	4	51.3258	.00000	.98337
16	30	53	56.8939	.00000	.98337	16	80	3	54.6212	.00000	.98337

(2)

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
16	81	2	58.0530	.00000	.98337	17	47	35	15.6439	.00000	.98298
16	82	1	61.6212	.00000	.98337	17	48	34	14.6667	.00000	.98273
16	83	0	65.3258	.00000	.98337	17	49	33	13.8258	.00001	.98240
17	0	82	215.3939	.00000	.98337	17	50	32	13.1212	.00001	.98198
17	1	81	208.0076	.00000	.98337	17	51	31	12.5530	.00001	.98153
17	2	80	200.7576	.00000	.98337	17	52	30	12.1212	.00001	.98109
17	3	79	193.6439	.00000	.98337	17	53	29	11.8258	.00001	.98072
17	4	78	186.6667	.00000	.98337	17	54	28	11.6667	.00001	.98050
17	5	77	179.8258	.00000	.98337	17	55	27	11.6439	.00001	.98047
17	6	76	173.1212	.00000	.98337	17	56	26	11.7576	.00001	.98063
17	7	75	166.5530	.00000	.98337	17	57	25	12.0076	.00001	.98096
17	8	74	160.1212	.00000	.98337	17	58	24	12.3939	.00001	.98138
17	9	73	153.8258	.00000	.98337	17	59	23	12.9167	.00001	.98184
17	10	72	147.6667	.00000	.98337	17	60	22	13.5758	.00001	.98227
17	11	71	141.6439	.00000	.98337	17	61	21	14.3712	.00000	.98263
17	12	70	135.7576	.00000	.98337	17	62	20	15.3030	.00000	.98291
17	13	69	130.0076	.00000	.98337	17	63	19	16.3712	.00000	.98310
17	14	68	124.3939	.00000	.98337	17	64	18	17.5758	.00000	.98322
17	15	67	118.9167	.00000	.98337	17	65	17	18.9167	.00000	.98329
17	16	66	113.5758	.00000	.98337	17	66	16	20.3939	.00000	.98333
17	17	65	108.3712	.00000	.98337	17	67	15	22.0076	.00000	.98335
17	18	64	103.3030	.00000	.98337	17	68	14	23.7576	.00000	.98336
17	19	63	98.3712	.00000	.98337	17	69	13	25.6439	.00000	.98337
17	20	62	93.5758	.00000	.98337	17	70	12	27.6667	.00000	.98337
17	21	61	88.9167	.00000	.98337	17	71	11	29.8258	.00000	.98337
17	22	60	84.3939	.00000	.98337	17	72	10	32.1212	.00000	.98337
17	23	59	80.0076	.00000	.98337	17	73	9	34.5530	.00000	.98337
17	24	58	75.7576	.00000	.98337	17	74	8	37.1212	.00000	.98337
17	25	57	71.6439	.00000	.98337	17	75	7	39.8258	.00000	.98337
17	26	56	67.6667	.00000	.98337	17	76	6	42.6667	.00000	.98337
17	27	55	63.8258	.00000	.98337	17	77	5	45.6439	.00000	.98337
17	28	54	60.1212	.00000	.98337	17	78	4	48.7576	.00000	.98337
17	29	53	56.5530	.00000	.98337	17	79	3	52.0076	.00000	.98337
17	30	52	53.1212	.00000	.98337	17	80	2	55.3939	.00000	.98337
17	31	51	49.8258	.00000	.98337	17	81	1	58.9167	.00000	.98337
17	32	50	46.6667	.00000	.98337	17	82	0	62.5758	.00000	.98337
17	33	49	43.6439	.00000	.98337	18	0	81	209.0455	.00000	.98337
17	34	48	40.7576	.00000	.98337	18	1	80	201.7500	.00000	.98337
17	35	47	38.0076	.00000	.98337	18	2	79	194.5909	.00000	.98337
17	36	46	35.3939	.00000	.98337	18	3	78	187.5682	.00000	.98337
17	37	45	32.9167	.00000	.98337	18	4	77	180.6818	.00000	.98337
17	38	44	30.5758	.00000	.98337	18	5	76	173.9318	.00000	.98337
17	39	43	28.3712	.00000	.98337	18	6	75	167.3182	.00000	.98337
17	40	42	26.3030	.00000	.98337	18	7	74	160.8409	.00000	.98337
17	41	41	24.3712	.00000	.98336	18	8	73	154.5000	.00000	.98337
17	42	40	22.5758	.00000	.98336	18	9	72	148.2955	.00000	.98337
17	43	39	20.9167	.00000	.98334	18	10	71	142.2273	.00000	.98337
17	44	38	19.3939	.00000	.98331	18	11	70	136.2955	.00000	.98337
17	45	37	18.0076	.00000	.98325	18	12	69	130.5000	.00000	.98337
17	46	36	16.7576	.00000	.98314	18	13	68	124.8409	.00000	.98337

(3)

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
18	14	67	119.3182	.00000	.98337	18	64	17	17.0455	.00000	.98318
18	15	66	113.9318	.00000	.98337	18	65	16	18.4773	.00000	.98327
18	16	65	108.6818	.00000	.98337	18	66	15	20.0455	.00000	.98333
18	17	64	103.5682	.00000	.98337	18	67	14	21.7500	.00000	.98335
18	18	63	98.5909	.00000	.98337	18	68	13	23.5909	.00000	.98336
18	19	62	93.7500	.00000	.98337	18	69	12	25.5682	.00000	.98337
18	20	61	89.0455	.00000	.98337	18	70	11	27.6818	.00000	.98337
18	21	60	84.4773	.00000	.98337	18	71	10	29.9318	.00000	.98337
18	22	59	80.0455	.00000	.98337	18	72	9	32.3182	.00000	.98337
18	23	58	75.7500	.00000	.98337	18	73	8	34.8409	.00000	.98337
18	24	57	71.5909	.00000	.98337	18	74	7	37.5000	.00000	.98337
18	25	56	67.5682	.00000	.98337	18	75	6	40.2955	.00000	.98337
18	26	55	63.6818	.00000	.98337	18	76	5	43.2273	.00000	.98337
18	27	54	59.9318	.00000	.98337	18	77	4	46.2955	.00000	.98337
18	28	53	56.3182	.00000	.98337	18	78	3	49.5000	.00000	.98337
18	29	52	52.8409	.00000	.98337	18	79	2	52.8409	.00000	.98337
18	30	51	49.5000	.00000	.98337	18	80	1	56.3182	.00000	.98337
18	31	50	46.2955	.00000	.98337	18	81	0	59.9318	.00000	.98337
18	32	49	43.2273	.00000	.98337	19	0	80	202.8485	.00000	.98337
18	33	48	40.2955	.00000	.98337	19	1	79	195.6439	.00000	.98337
18	34	47	37.5000	.00000	.98337	19	2	78	188.5758	.00000	.98337
18	35	46	34.8409	.00000	.98337	19	3	77	181.6439	.00000	.98337
18	36	45	32.3182	.00000	.98337	19	4	76	174.8485	.00000	.98337
18	37	44	29.9318	.00000	.98337	19	5	75	168.1894	.00000	.98337
18	38	43	27.6818	.00000	.98337	19	6	74	161.6667	.00000	.98337
18	39	42	25.5682	.00000	.98337	19	7	73	155.2803	.00000	.98337
18	40	41	23.5909	.00000	.98336	19	8	72	149.0303	.00000	.98337
18	41	40	21.7500	.00000	.98335	19	9	71	142.9167	.00000	.98337
18	42	39	20.0455	.00000	.98333	19	10	70	136.9394	.00000	.98337
18	43	38	18.4773	.00000	.98327	19	11	69	131.0985	.00000	.98337
18	44	37	17.0455	.00000	.98318	19	12	68	125.3939	.00000	.98337
18	45	36	15.7500	.00000	.98300	19	13	67	119.8258	.00000	.98337
18	46	35	14.5909	.00001	.98270	19	14	66	114.3939	.00000	.98337
18	47	34	13.5682	.00001	.98226	19	15	65	109.0985	.00000	.98337
18	48	33	12.6818	.00001	.98165	19	16	64	103.9394	.00000	.98337
18	49	32	11.9318	.00002	.98086	19	17	63	98.9167	.00000	.98337
18	50	31	11.3182	.00002	.97996	19	18	62	94.0303	.00000	.98337
18	51	30	10.8409	.00003	.97905	19	19	61	89.2803	.00000	.98337
18	52	29	10.5000	.00003	.97824	19	20	60	84.6667	.00000	.98337
18	53	28	10.2955	.00003	.97769	19	21	59	80.1894	.00000	.98337
18	54	27	10.2273	.00003	.97749	19	22	58	75.8485	.00000	.98337
18	55	26	10.2955	.00003	.97769	19	23	57	71.6439	.00000	.98337
18	56	25	10.5000	.00003	.97824	19	24	56	67.5758	.00000	.98337
18	57	24	10.8409	.00003	.97905	19	25	55	63.6439	.00000	.98337
18	58	23	11.3182	.00002	.97996	19	26	54	59.8485	.00000	.98337
18	59	22	11.9318	.00002	.98086	19	27	53	56.1894	.00000	.98337
18	60	21	12.6818	.00001	.98165	19	28	52	52.6667	.00000	.98337
18	61	20	13.5682	.00001	.98226	19	29	51	49.2803	.00000	.98337
18	62	19	14.5909	.00001	.98270	19	30	50	46.0303	.00000	.98337
18	63	18	15.7500	.00000	.98300	19	31	49	42.9167	.00000	.98337

(4)

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TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
19	32	48	39.9394	.00000	.98337	20	1	78	189.6894	.00000	.98337
19	33	47	37.0985	.00000	.98337	20	2	77	182.7121	.00000	.98337
19	34	46	34.3939	.00000	.98337	20	3	76	175.8712	.00000	.98337
19	35	45	31.8258	.00000	.98337	20	4	75	169.1667	.00000	.98337
19	36	44	29.3939	.00000	.98337	20	5	74	162.5985	.00000	.98337
19	37	43	27.0985	.00000	.98337	20	6	73	156.1667	.00000	.98337
19	38	42	24.9394	.00000	.98337	20	7	72	149.8712	.00000	.98337
19	39	41	22.9167	.00000	.98336	20	8	71	143.7121	.00000	.98337
19	40	40	21.0303	.00000	.98334	20	9	70	137.6894	.00000	.98337
19	41	39	19.2803	.00000	.98331	20	10	69	131.8030	.00000	.98337
19	42	38	17.6667	.00000	.98323	20	11	68	126.0530	.00000	.98337
19	43	37	16.1894	.00000	.98307	20	12	67	120.4394	.00000	.98337
19	44	36	14.8485	.00001	.98279	20	13	66	114.9621	.00000	.98337
19	45	35	13.6439	.00001	.98230	20	14	65	109.6212	.00000	.98337
19	46	34	12.5758	.00002	.98155	20	15	64	104.4167	.00000	.98337
19	47	33	11.6439	.00002	.98047	20	16	63	99.3485	.00000	.98337
19	48	32	10.8485	.00003	.97906	20	17	62	94.4167	.00000	.98337
19	49	31	10.1894	.00004	.97737	20	18	61	89.6212	.00000	.98337
19	50	30	9.6667	.00005	.97562	20	19	60	84.9621	.00000	.98337
19	51	29	9.2803	.00006	.97393	20	20	59	80.4394	.00000	.98337
19	52	28	9.0303	.00007	.97267	20	21	58	76.0530	.00000	.98337
19	53	27	8.9167	.00007	.97205	20	22	57	71.8030	.00000	.98337
19	54	26	8.9394	.00007	.97216	20	23	56	67.6894	.00000	.98337
19	55	25	9.0985	.00007	.97303	20	24	55	63.7121	.00000	.98337
19	56	24	9.3939	.00006	.97446	20	25	54	59.8712	.00000	.98337
19	57	23	9.8258	.00005	.97619	20	26	53	56.1667	.00000	.98337
19	58	22	10.3939	.00004	.97796	20	27	52	52.5985	.00000	.98337
19	59	21	11.0985	.00003	.97957	20	28	51	49.1667	.00000	.98337
19	60	20	11.9394	.00002	.98087	20	29	50	45.8712	.00000	.98337
19	61	19	12.9167	.00001	.98184	20	30	49	42.7121	.00000	.98337
19	62	18	14.0303	.00001	.98249	20	31	48	39.6894	.00000	.98337
19	63	17	15.2803	.00000	.98290	20	32	47	36.8030	.00000	.98337
19	64	16	16.6667	.00000	.98313	20	33	46	34.0530	.00000	.98337
19	65	15	18.1894	.00000	.98326	20	34	45	31.4394	.00000	.98337
19	66	14	19.8485	.00000	.98332	20	35	44	28.9621	.00000	.98337
19	67	13	21.6439	.00000	.98335	20	36	43	26.6212	.00000	.98337
19	68	12	23.5758	.00000	.98336	20	37	42	24.4167	.00000	.98336
19	69	11	25.6439	.00000	.98337	20	38	41	22.3485	.00000	.98336
19	70	10	27.8485	.00000	.98337	20	39	40	20.4167	.00000	.98333
19	71	9	30.1894	.00000	.98337	20	40	39	18.6212	.00000	.98328
19	72	8	32.6667	.00000	.98337	20	41	38	16.9621	.00000	.98317
19	73	7	35.2803	.00000	.98337	20	42	37	15.4394	.00001	.98294
19	74	6	38.0303	.00000	.98337	20	43	36	14.0530	.00001	.98250
19	75	5	40.9167	.00000	.98337	20	44	35	12.8030	.00002	.98175
19	76	4	43.9394	.00000	.98337	20	45	34	11.6894	.00003	.98054
19	77	3	47.0985	.00000	.98337	20	46	33	10.7121	.00004	.97876
19	78	2	50.3939	.00000	.98337	20	47	32	9.8712	.00006	.97635
19	79	1	53.8258	.00000	.98337	20	48	31	9.1667	.00008	.97338
19	80	0	57.3939	.00000	.98337	20	49	30	8.5985	.00010	.97008
20	0	79	195.8030	.00000	.98337	20	50	29	8.1667	.00011	.96688

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
20	51	28	7.8712	.00013	.96425	21	21	57	72.0682	.00000	.98337
20	52	27	7.7121	.00014	.96266	21	22	56	67.9091	.00000	.98337
20	53	26	7.6894	.00014	.96242	21	23	55	63.8864	.00000	.98337
20	54	25	7.8030	.00014	.96358	21	24	54	60.0000	.00000	.98337
20	55	24	8.0530	.00013	.96592	21	25	53	56.2500	.00000	.98337
20	56	23	8.4394	.00011	.96897	21	26	52	52.6364	.00000	.98337
20	57	22	8.9621	.00009	.97229	21	27	51	49.1591	.00000	.98337
20	58	21	9.6212	.00007	.97542	21	28	50	45.8182	.00000	.98337
20	59	20	10.4167	.00005	.97802	21	29	49	42.6136	.00000	.98337
20	60	19	11.3485	.00003	.98001	21	30	48	39.5455	.00000	.98337
20	61	18	12.4167	.00002	.98140	21	31	47	36.6136	.00000	.98337
20	62	17	13.6212	.00001	.98229	21	32	46	33.8182	.00000	.98337
20	63	16	14.9621	.00001	.98282	21	33	45	31.1591	.00000	.98337
20	64	15	16.4394	.00000	.98311	21	34	44	28.6364	.00000	.98337
20	65	14	18.0530	.00000	.98325	21	35	43	26.2500	.00000	.98337
20	66	13	19.8030	.00000	.98332	21	36	42	24.0000	.00000	.98336
20	67	12	21.6894	.00000	.98335	21	37	41	21.8864	.00000	.98335
20	68	11	23.7121	.00000	.98336	21	38	40	19.9091	.00000	.98332
20	69	10	25.8712	.00000	.98337	21	39	39	18.0682	.00000	.98325
20	70	9	28.1667	.00000	.98337	21	40	38	16.3636	.00001	.98310
20	71	8	30.5985	.00000	.98337	21	41	37	14.7955	.00001	.98277
20	72	7	33.1667	.00000	.98337	21	42	36	13.3636	.00002	.98214
20	73	6	35.8712	.00000	.98337	21	43	35	12.0682	.00003	.98103
20	74	5	38.7121	.00000	.98337	21	44	34	10.9091	.00004	.97919
20	75	4	41.6894	.00000	.98337	21	45	33	9.8864	.00007	.97640
20	76	3	44.8030	.00000	.98337	21	46	32	9.0000	.00012	.97250
20	77	2	48.0530	.00000	.98337	21	47	31	8.2500	.00013	.96756
20	78	1	51.4394	.00000	.98337	21	48	30	7.6364	.00017	.96185
20	79	0	54.9621	.00000	.98337	21	49	29	7.1591	.00020	.95602
21	0	78	190.9091	.00000	.98337	21	50	28	6.8182	.00024	.95092
21	1	77	183.8864	.00000	.98337	21	51	27	6.6136	.00026	.94741
21	2	76	177.0000	.00000	.98337	21	52	26	6.5455	.00027	.94614
21	3	75	170.2500	.00000	.98337	21	53	25	6.6136	.00027	.94741
21	4	74	163.6364	.00000	.98337	21	54	24	6.8182	.00025	.95092
21	5	73	157.1591	.00000	.98337	21	55	23	7.1591	.00021	.95612
21	6	72	150.8182	.00000	.98337	21	56	22	7.6364	.00018	.96185
21	7	71	144.6136	.00000	.98337	21	57	21	8.2500	.00014	.96756
21	8	70	138.5455	.00000	.98337	21	58	20	9.0000	.00010	.97250
21	9	69	132.6136	.00000	.98337	21	59	19	9.8864	.00007	.97640
21	10	68	126.8182	.00000	.98337	21	60	18	10.9091	.00004	.97919
21	11	67	121.1591	.00000	.98337	21	61	17	12.0682	.00002	.98103
21	12	66	115.6364	.00000	.98337	21	62	16	13.3636	.00001	.98214
21	13	65	110.2500	.00000	.98337	21	63	15	14.7955	.00001	.98277
21	14	64	105.0000	.00000	.98337	21	64	14	16.3636	.00001	.98310
21	15	63	99.8864	.00000	.98337	21	65	13	18.0682	.00000	.98325
21	16	62	94.9091	.00000	.98337	21	66	12	19.9091	.00000	.98332
21	17	61	90.0682	.00000	.98337	21	67	11	21.8864	.00000	.98335
21	18	60	85.3636	.00000	.98337	21	68	10	24.0000	.00000	.98336
21	19	59	80.7955	.00000	.98337	21	69	9	26.2500	.00000	.98337
21	20	58	76.3636	.00000	.98337	21	70	8	28.6364	.00000	.98337

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
21	71	7	31.1591	.00000	.98337	22	42	35	11.4394	.00004	.98016
21	72	6	33.8182	.00000	.98337	22	43	34	10.2348	.00007	.97751
21	73	5	36.6136	.00000	.98337	22	44	33	9.1667	.00010	.97338
21	74	4	39.5455	.00000	.98337	22	45	32	8.2348	.00015	.96744
21	75	3	42.5136	.00000	.98337	22	46	31	7.4394	.00021	.95961
21	76	2	45.8182	.00000	.98337	22	47	30	6.7803	.00027	.95029
21	77	1	49.1591	.00000	.98337	22	48	29	6.2576	.00034	.94045
21	78	0	52.6364	.00000	.98337	22	49	28	5.8712	.00040	.93126
22	0	77	185.1667	.00000	.98337	22	50	27	5.6212	.00045	.92435
22	1	76	178.2348	.00000	.98337	22	51	26	5.5076	.00048	.92089
22	2	75	171.4394	.00000	.98337	22	52	25	5.5303	.00048	.92161
22	3	74	164.7803	.00000	.98337	22	53	24	5.6894	.00045	.92634
22	4	73	158.2576	.00000	.98337	22	54	23	5.9848	.00040	.93417
22	5	72	151.8712	.00000	.98337	22	55	22	6.4167	.00034	.94366
22	6	71	145.6212	.00000	.98337	22	56	21	6.9848	.00026	.95351
22	7	70	139.5076	.00000	.98337	22	57	20	7.6894	.00020	.96242
22	8	69	133.5303	.00000	.98337	22	58	19	8.5303	.00013	.96961
22	9	68	127.6894	.00000	.98337	22	59	18	9.5076	.00009	.97496
22	10	67	121.9848	.00000	.98337	22	60	17	10.6212	.00005	.97854
22	11	66	116.4167	.00000	.98337	22	61	16	11.8712	.00003	.98078
22	12	65	110.9848	.00000	.98337	22	62	15	13.2576	.00001	.98208
22	13	64	105.6894	.00000	.98337	22	63	14	14.7803	.00001	.98277
22	14	63	100.5303	.00000	.98337	22	64	13	16.4394	.00000	.98311
22	15	62	95.5076	.00000	.98337	22	65	12	18.2348	.00000	.98326
22	16	61	90.6212	.00000	.98337	22	66	11	20.1667	.00000	.98333
22	17	60	85.8712	.00000	.98337	22	67	10	22.2348	.00000	.98336
22	18	59	81.2576	.00000	.98337	22	68	9	24.4394	.00000	.98336
22	19	58	76.7803	.00000	.98337	22	69	8	26.7803	.00000	.98337
22	20	57	72.4394	.00000	.98337	22	70	7	29.2576	.00000	.98337
22	21	56	68.2348	.00000	.98337	22	71	6	31.8712	.00000	.98337
22	22	55	64.1667	.00000	.98337	22	72	5	34.6212	.00000	.98337
22	23	54	60.2348	.00000	.98337	22	73	4	37.5076	.00000	.98337
22	24	53	56.4394	.00000	.98337	22	74	3	40.5303	.00000	.98337
22	25	52	52.7803	.00000	.98337	22	75	2	43.6894	.00000	.98337
22	26	51	49.2576	.00000	.98337	22	76	1	46.9848	.00000	.98337
22	27	50	45.8712	.00000	.98337	22	77	0	50.4167	.00000	.98337
22	28	49	42.6212	.00000	.98337	23	0	76	179.5758	.00000	.98337
22	29	48	39.5076	.00000	.98337	23	1	75	172.7348	.00000	.98337
22	30	47	36.5303	.00000	.98337	23	2	74	166.0303	.00000	.98337
22	31	46	33.6894	.00000	.98337	23	3	73	159.4621	.00000	.98337
22	32	45	30.9848	.00000	.98337	23	4	72	153.0303	.00000	.98337
22	33	44	28.4167	.00000	.98337	23	5	71	146.7348	.00000	.98337
22	34	43	25.9848	.00000	.98337	23	6	70	140.5758	.00000	.98337
22	35	42	23.6894	.00000	.98336	23	7	69	134.5530	.00000	.98337
22	36	41	21.5303	.00000	.98335	23	8	68	128.6667	.00000	.98337
22	37	40	19.5076	.00000	.98331	23	9	67	122.9167	.00000	.98337
22	38	39	17.6212	.00000	.98322	23	10	66	117.3030	.00000	.98337
22	39	38	15.8712	.00001	.98302	23	11	65	111.8258	.00000	.98337
22	40	37	14.2576	.00001	.98259	23	12	64	106.4848	.00000	.98337
22	41	36	12.7803	.00002	.98173	23	13	63	101.2803	.00000	.98337

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
23	14	62	96.2121	.00000	.98337	23	64	12	16.6667	.00000	.98313
23	15	61	91.2803	.00000	.98337	23	65	11	18.5530	.00000	.98326
23	16	60	86.4848	.00000	.98337	23	66	10	20.5758	.00000	.98334
23	17	59	81.8258	.00000	.98337	23	67	9	22.7348	.00000	.98336
23	18	58	77.3030	.00000	.98337	23	68	8	25.0303	.00000	.98337
23	19	57	72.9167	.00000	.98337	23	69	7	27.4621	.00000	.98337
23	20	56	68.6667	.00000	.98337	23	70	6	30.0303	.00000	.98337
23	21	55	64.5530	.00000	.98337	23	71	5	32.7348	.00000	.98337
23	22	54	60.5758	.00000	.98337	23	72	4	35.5758	.00000	.98337
23	23	53	56.7348	.00000	.98337	23	73	3	38.5530	.00000	.98337
23	24	52	53.0303	.00000	.98337	23	74	2	41.6667	.00000	.98337
23	25	51	49.4621	.00000	.98337	23	75	1	44.9167	.00000	.98337
23	26	50	46.0303	.00000	.98337	23	76	0	48.3130	.00000	.98337
23	27	49	42.7348	.00000	.98337	24	0	75	174.1364	.00000	.98337
23	28	48	39.5758	.00000	.98337	24	1	74	167.3864	.00000	.98337
23	29	47	36.5530	.00000	.98337	24	2	73	160.7727	.00000	.98337
23	30	46	33.6667	.00000	.98337	24	3	72	154.2955	.00000	.98337
23	31	45	30.9167	.00000	.98337	24	4	71	147.9545	.00000	.98337
23	32	44	28.3030	.00000	.98337	24	5	70	141.7500	.00000	.98337
23	33	43	25.8258	.00000	.98337	24	6	69	135.6818	.00000	.98337
23	34	42	23.4848	.00000	.98336	24	7	68	129.7500	.00000	.98337
23	35	41	21.2803	.00000	.98335	24	8	67	123.9545	.00000	.98337
23	36	40	19.2121	.00000	.98330	24	9	66	118.2955	.00000	.98337
23	37	39	17.2803	.00000	.98320	24	10	65	112.7727	.00000	.98337
23	38	38	15.4848	.00001	.98295	24	11	64	107.3864	.00000	.98337
23	39	37	13.8258	.00002	.98240	24	12	63	102.1364	.00000	.98337
23	40	36	12.3030	.00003	.98129	24	13	62	97.0227	.00000	.98337
23	41	35	10.9167	.00006	.97921	24	14	61	92.0455	.00000	.98337
23	42	34	9.6667	.00009	.97560	24	15	60	87.2045	.00000	.98337
23	43	33	8.5530	.00015	.96977	24	16	59	82.5000	.00000	.98337
23	44	32	7.5758	.00022	.96119	24	17	58	77.9318	.00000	.98337
23	45	31	6.7348	.00031	.94953	24	18	57	73.5000	.00000	.98337
23	46	30	6.0303	.00042	.93529	24	19	56	69.2045	.00000	.98337
23	47	29	5.4621	.00054	.91945	24	20	55	65.0455	.00000	.98337
23	48	28	5.0303	.00065	.90402	24	21	54	61.0227	.00000	.98337
23	49	27	4.7348	.00074	.89130	24	22	53	57.1364	.00000	.98337
23	50	26	4.5758	.00080	.88369	24	23	52	53.3864	.00000	.98337
23	51	25	4.5530	.00081	.88254	24	24	51	49.7727	.00000	.98337
23	52	24	4.6667	.00078	.88810	24	25	50	46.2955	.00000	.98337
23	53	23	4.9167	.00071	.89934	24	26	49	42.9545	.00000	.98337
23	54	22	5.3030	.00060	.91416	24	27	48	39.7500	.00000	.98337
23	55	21	5.8258	.00048	.93005	24	28	47	36.6818	.00000	.98337
23	56	20	6.4848	.00036	.94500	24	29	46	33.7500	.00000	.98337
23	57	19	7.2803	.00025	.95764	24	30	45	30.9545	.00000	.98337
23	58	18	8.2121	.00017	.96725	24	31	44	28.2955	.00000	.98337
23	59	17	9.2803	.00010	.97393	24	32	43	25.7727	.00000	.98337
23	60	16	10.4848	.00006	.97820	24	33	42	23.3864	.00000	.98336
23	61	15	11.8258	.00003	.98072	24	34	41	21.1364	.00000	.98334
23	62	14	13.3030	.00001	.98211	24	35	40	19.0227	.00000	.98330
23	63	13	14.9167	.00001	.98281	24	36	39	17.0455	.00000	.98318

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
24	37	38	15.2045	.00001	.98288	25	11	63	103.5985	.00000	.98337
24	38	37	13.5000	.00002	.98222	25	12	62	97.9394	.00000	.98337
24	39	36	11.9318	.00004	.98086	25	13	61	92.9167	.00000	.98337
24	40	35	10.5000	.00007	.97824	25	14	60	88.0303	.00000	.98337
24	41	34	9.2045	.00012	.97357	25	15	59	83.2803	.00000	.98337
24	42	33	8.0455	.00020	.96585	25	16	58	78.6667	.00000	.98337
24	43	32	7.0227	.00030	.95408	25	17	57	74.1894	.00000	.98337
24	44	31	6.1364	.00044	.93777	25	18	56	69.8485	.00000	.98337
24	45	30	5.3864	.00060	.91698	25	19	55	65.6439	.00000	.98337
24	46	29	4.7727	.00079	.89304	25	20	54	61.5758	.00000	.98337
24	47	28	4.2955	.00097	.86876	25	21	53	57.6439	.00000	.98337
24	48	27	3.9545	.00113	.84752	25	22	52	53.8485	.00000	.98337
24	49	26	3.7500	.00125	.83284	25	23	51	50.1894	.00000	.98337
24	50	25	3.6818	.00130	.82756	25	24	50	46.6667	.00000	.98337
24	51	24	3.7500	.00127	.83284	25	25	49	43.2803	.00000	.98337
24	52	23	3.9545	.00117	.84752	25	26	48	40.0303	.00000	.98337
24	53	22	4.2955	.00102	.86876	25	27	47	36.9167	.00000	.98337
24	54	21	4.7727	.00083	.89304	25	28	46	33.9394	.00000	.98337
24	55	20	5.3864	.00063	.91698	25	29	45	31.0985	.00000	.98337
24	56	19	6.1364	.00045	.93777	25	30	44	28.3939	.00000	.98337
24	57	18	7.0227	.00030	.95408	25	31	43	25.8258	.00000	.98337
24	58	17	8.0455	.00019	.96585	25	32	42	23.3939	.00000	.98336
24	59	16	9.2045	.00011	.97357	25	33	41	21.0985	.00000	.98334
24	60	15	10.5000	.00006	.97824	25	34	40	18.9394	.00000	.98329
24	61	14	11.9318	.00003	.98086	25	35	39	16.9167	.00001	.98316
24	62	13	13.5000	.00001	.98222	25	36	38	15.0303	.00001	.98284
24	63	12	15.2045	.00001	.98288	25	37	37	13.2803	.00002	.98209
24	64	11	17.0455	.00000	.98318	25	38	36	11.6667	.00005	.98050
24	65	10	19.0227	.00000	.98330	25	39	35	10.1894	.00009	.97737
24	66	9	21.1364	.00000	.98334	25	40	34	8.8485	.00015	.97164
24	67	8	23.3864	.00000	.98336	25	41	33	7.6439	.00025	.96194
24	68	7	25.7727	.00000	.98337	25	42	32	6.5758	.00039	.94671
24	69	6	28.2955	.00000	.98337	25	43	31	5.6439	.00058	.92592
24	70	5	30.9545	.00000	.98337	25	44	30	4.8485	.00081	.89643
24	71	4	33.7500	.00000	.98337	25	45	29	4.1894	.00109	.86257
24	72	3	36.6818	.00000	.98337	25	46	28	3.6667	.00137	.82636
24	73	2	39.7500	.00000	.98337	25	47	27	3.2803	.00163	.79308
24	74	1	42.9545	.00000	.98337	25	48	26	3.0303	.00183	.76761
24	75	0	46.2955	.00000	.98337	25	49	25	2.9167	.00195	.75489
25	0	74	169.8485	.00000	.98337	25	50	24	2.9394	.00195	.75751
25	1	73	162.1894	.00000	.98337	25	51	23	3.0985	.00183	.77491
25	2	72	155.6667	.00000	.98337	25	52	22	3.3939	.00162	.80367
25	3	71	149.2803	.00000	.98337	25	53	21	3.8258	.00135	.83845
25	4	70	143.0303	.00000	.98337	25	54	20	4.3939	.00105	.87429
25	5	69	136.9167	.00000	.98337	25	55	19	5.0985	.00076	.90668
25	6	68	130.9394	.00000	.98337	25	56	18	5.9394	.00052	.93303
25	7	67	125.0985	.00000	.98337	25	57	17	6.9167	.00033	.95247
25	8	66	119.3939	.00000	.98337	25	58	16	8.0303	.00019	.96572
25	9	65	113.8258	.00000	.98337	25	59	15	9.2803	.00010	.97393
25	10	64	108.3939	.00000	.98337	25	60	14	10.6667	.00005	.97865

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
25	61	13	12.1894	.00002	.98117	26	36	37	13.1667	.00003	.98202
25	62	12	13.8485	.00001	.98241	26	37	36	11.5076	.00005	.98027
25	63	11	15.6439	.00000	.98298	26	38	35	9.9848	.00010	.97674
25	64	10	17.5758	.00000	.98322	26	39	34	8.5985	.00017	.97008
25	65	9	19.6439	.00000	.98332	26	40	33	7.3485	.00029	.95851
25	66	8	21.8485	.00000	.98335	26	41	32	6.2348	.00047	.93995
25	67	7	24.1894	.00000	.98336	26	42	31	5.2576	.00072	.91256
25	68	6	26.6667	.00000	.98337	26	43	30	4.4167	.00103	.87554
25	69	5	29.2803	.00000	.98337	26	44	29	3.7121	.00141	.82993
25	70	4	32.0303	.00000	.98337	26	45	28	3.1439	.00182	.77963
25	71	3	34.9167	.00000	.98337	26	46	27	2.7121	.00221	.73023
25	72	2	37.9394	.00000	.98337	26	47	26	2.4167	.00254	.69014
25	73	1	41.0985	.00000	.98337	26	48	25	2.2576	.00275	.66583
25	74	0	44.3939	.00000	.98337	26	49	24	2.2348	.00281	.66215
26	0	73	163.7121	.00000	.98337	26	50	23	2.3485	.00270	.67988
26	1	72	157.1439	.00000	.98337	26	51	22	2.5985	.00243	.71532
26	2	71	150.7121	.00000	.98337	26	52	21	2.9848	.00206	.76262
26	3	70	144.4167	.00000	.98337	26	53	20	3.5076	.00163	.81365
26	4	69	138.2576	.00000	.98337	26	54	19	4.1667	.00121	.86117
26	5	68	132.2348	.00000	.98337	26	55	18	4.9621	.00083	.90125
26	6	67	126.3485	.00000	.98337	26	56	17	5.8939	.00054	.93186
26	7	66	120.5985	.00000	.98337	26	57	16	6.9621	.00032	.95317
26	8	65	114.9848	.00000	.98337	26	58	15	8.1667	.00018	.96688
26	9	64	109.5076	.00000	.98337	26	59	14	9.5076	.00009	.97496
26	10	63	104.1667	.00000	.98337	26	60	13	10.9848	.00004	.97935
26	11	62	98.9621	.00000	.98337	26	61	12	12.5985	.00002	.98157
26	12	61	93.8939	.00000	.98337	26	62	11	14.3485	.00001	.98262
26	13	60	88.9621	.00000	.98337	26	63	10	16.2348	.00000	.98306
26	14	59	84.1667	.00000	.98337	26	64	9	18.2576	.00000	.98326
26	15	58	79.5076	.00000	.98337	26	65	8	20.4167	.00000	.98333
26	16	57	74.9848	.00000	.98337	26	66	7	22.7121	.00000	.98336
26	17	56	70.5985	.00000	.98337	26	67	6	25.1439	.00000	.98337
26	18	55	66.3485	.00000	.98337	26	68	5	27.7121	.00000	.98337
26	19	54	62.2348	.00000	.98337	26	69	4	30.4167	.00000	.98337
26	20	53	58.2576	.00000	.98337	26	70	3	33.2576	.00000	.98337
26	21	52	54.4167	.00000	.98337	26	71	2	36.2348	.00000	.98337
26	22	51	50.7121	.00000	.98337	26	72	1	39.3485	.00000	.98337
26	23	50	47.1439	.00000	.98337	26	73	0	42.5985	.00000	.98337
26	24	49	43.7121	.00000	.98337	27	0	72	158.7273	.00000	.98337
26	25	48	40.4167	.00000	.98337	27	1	71	152.2500	.00000	.98337
26	26	47	37.2576	.00000	.98337	27	2	70	145.9091	.00000	.98337
26	27	46	34.2348	.00000	.98337	27	3	69	139.7045	.00000	.98337
26	28	45	31.3485	.00000	.98337	27	4	68	133.6364	.00000	.98337
26	29	44	28.5985	.00000	.98337	27	5	67	127.7045	.00000	.98337
26	30	43	25.9848	.00000	.98337	27	6	66	121.9091	.00000	.98337
26	31	42	23.5076	.00000	.98336	27	7	65	116.2500	.00000	.98337
26	32	41	21.1667	.00000	.98334	27	8	64	110.7273	.00000	.98337
26	33	40	18.9621	.00000	.98329	27	9	63	105.3409	.00000	.98337
26	34	39	16.8939	.00001	.98316	27	10	62	100.0909	.00000	.98337
26	35	38	14.9621	.00001	.98282	27	11	61	94.9773	.00000	.98337

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
27	12	60	90.0000	.00000	.98337	27	62	10	15.0000	.00000	.98283
27	13	59	85.1591	.00000	.98337	27	63	9	16.9773	.00000	.98317
27	14	58	80.4545	.00000	.98337	27	64	8	19.0909	.00000	.98330
27	15	57	75.8864	.00000	.98337	27	65	7	21.3409	.00000	.98335
27	16	56	71.4545	.00000	.98337	27	66	6	23.7273	.00000	.98336
27	17	55	67.1591	.00000	.98337	27	67	5	26.2500	.00000	.98337
27	18	54	63.0000	.00000	.98337	27	68	4	28.9091	.00000	.98337
27	19	53	58.9773	.00000	.98337	27	69	3	31.7045	.00000	.98337
27	20	52	55.0909	.00000	.98337	27	70	2	34.6364	.00000	.98337
27	21	51	51.3409	.00000	.98337	27	71	1	37.7045	.00000	.98337
27	22	50	47.7273	.00000	.98337	27	72	0	40.9091	.00000	.98337
27	23	49	44.2500	.00000	.98337	28	0	71	153.8939	.00000	.98337
27	24	48	40.9091	.00000	.98337	28	1	70	147.5076	.00000	.98337
27	25	47	37.7045	.00000	.98337	28	2	69	141.2576	.00000	.98337
27	26	46	34.6364	.00000	.98337	28	3	68	135.1439	.00000	.98337
27	27	45	31.7045	.00000	.98337	28	4	67	129.1667	.00000	.98337
27	28	44	28.9091	.00000	.98337	28	5	66	123.3258	.00000	.98337
27	29	43	26.2500	.00000	.98337	28	6	65	117.6212	.00000	.98337
27	30	42	23.7273	.00000	.98336	28	7	64	112.0530	.00000	.98337
27	31	41	21.3409	.00000	.98335	28	8	63	106.6212	.00000	.98337
27	32	40	19.0909	.00000	.98330	28	9	62	101.3258	.00000	.98337
27	33	39	16.9773	.00001	.98317	28	10	61	96.1667	.00000	.98337
27	34	38	15.0000	.00001	.98283	28	11	60	91.1439	.00000	.98337
27	35	37	13.1591	.00003	.98201	28	12	59	86.2576	.00000	.98337
27	36	36	11.4545	.00005	.98018	28	13	58	81.5076	.00000	.98337
27	37	35	9.8864	.00010	.97640	28	14	57	76.8939	.00000	.98337
27	38	34	8.4545	.00019	.96908	28	15	56	72.4167	.00000	.98337
27	39	33	7.1591	.00032	.95602	28	16	55	68.0758	.00000	.98337
27	40	32	6.0000	.00054	.93455	28	17	54	63.8712	.00000	.98337
27	41	31	4.9773	.00089	.90187	28	18	53	59.8030	.00000	.98337
27	42	30	4.0909	.00123	.85646	28	19	52	55.8712	.00000	.98337
27	43	29	3.3409	.00172	.79881	28	20	51	52.0758	.00000	.98337
27	44	28	2.7273	.00227	.73217	28	21	50	48.4167	.00000	.98337
27	45	27	2.2500	.00282	.66461	28	22	49	44.8939	.00000	.98337
27	46	26	1.9091	.00332	.60520	28	23	48	41.5076	.00000	.98337
27	47	25	1.7045	.00367	.56555	28	24	47	38.2576	.00000	.98337
27	48	24	1.6364	.00382	.55087	28	25	46	35.1439	.00000	.98337
27	49	23	1.7045	.00374	.56555	28	26	45	32.1667	.00000	.98337
27	50	22	1.9091	.00344	.60520	28	27	44	29.3258	.00000	.98337
27	51	21	2.2500	.00297	.66461	28	28	43	26.6212	.00000	.98337
27	52	20	2.7273	.00240	.73217	28	29	42	24.0530	.00000	.98336
27	53	19	3.3409	.00181	.79881	28	30	41	21.6212	.00000	.98335
27	54	18	4.0909	.00127	.85646	28	31	40	19.3258	.00000	.98331
27	55	17	4.9773	.00083	.90187	28	32	39	17.1667	.00000	.98319
27	56	16	6.0000	.00051	.93455	28	33	38	15.1439	.00001	.98287
27	57	15	7.1591	.00028	.95602	28	34	37	13.2576	.00002	.98208
27	58	14	8.4545	.00015	.96908	28	35	36	11.5076	.00005	.98027
27	59	13	9.8864	.00007	.97643	28	36	35	9.8939	.00010	.97643
27	60	12	11.4545	.00003	.98018	28	37	34	8.4167	.00019	[illegible]
27	61	11	13.1591	.00001	.98201	28	38	33	7.0758	.00034	[illegible]

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
28	39	32	5.8712	.00057	.93126	29	17	53	60.7348	.00000	.98337
28	40	31	4.8030	.00092	.89441	29	18	52	56.7576	.00000	.98337
28	41	30	3.8712	.00139	.84175	29	19	51	52.9167	.00000	.98337
28	42	29	3.0758	.00198	.77249	29	20	50	49.2121	.00000	.98337
28	43	28	2.4167	.00268	.69014	29	21	49	45.6439	.00000	.98337
28	44	27	1.8939	.00340	.60228	29	22	48	42.2121	.00000	.98337
28	45	26	1.5076	.00409	.52203	29	23	47	38.9167	.00000	.98337
28	46	25	1.2576	.00462	.46087	29	24	46	35.7576	.00000	.98337
28	47	24	1.1439	.00493	.43001	29	25	45	32.7348	.00000	.98337
28	48	23	1.1667	.00491	.43635	29	26	44	29.8485	.00000	.98337
28	49	22	1.3258	.00461	.47844	29	27	43	27.0985	.00000	.98337
28	50	21	1.6212	.00406	.54753	29	28	42	24.4848	.00000	.98336
28	51	20	2.0530	.00334	.63155	29	29	41	22.0076	.00000	.98335
28	52	19	2.6212	.00257	.71838	29	30	40	19.6667	.00000	.98332
28	53	18	3.3258	.00184	.79739	29	31	39	17.4621	.00000	.98321
28	54	17	4.1667	.00123	.86117	29	32	38	15.3939	.00001	.98293
28	55	16	5.1439	.00076	.90842	29	33	37	13.4621	.00002	.98220
28	56	15	6.2576	.00043	.94045	29	34	36	11.6667	.00005	.98050
28	57	14	7.5076	.00023	.96042	29	35	35	10.0076	.00009	.97682
28	58	13	8.8939	.00011	.97190	29	36	34	8.4848	.00018	.96930
28	59	12	10.4167	.00005	.97802	29	37	33	7.0985	.00033	.95518
28	60	11	12.0758	.00002	.98104	29	38	32	5.8485	.00058	.93166
28	61	10	13.8712	.00001	.98242	29	39	31	4.7348	.00095	.89130
28	62	9	15.8030	.00000	.98301	29	40	30	3.7576	.00147	.83342
28	63	8	17.8712	.00000	.98324	29	41	29	2.9167	.00215	.75489
28	64	7	20.0758	.00000	.98333	29	42	28	2.2121	.00298	.65843
28	65	6	22.4167	.00000	.98336	29	43	27	1.6439	.00387	.55253
28	66	5	24.8939	.00000	.98337	29	44	26	1.2121	.00476	.44875
28	67	4	27.5076	.00000	.98337	29	45	25	.9167	.00549	.36299
28	68	3	30.2576	.00000	.98337	29	46	24	.7576	.00597	.31130
28	69	2	33.1439	.00000	.98337	29	47	23	.7348	.00610	.30352
28	70	1	36.1667	.00000	.98337	29	48	22	.8485	.00585	.34138
28	71	0	39.3258	.00000	.98337	29	49	21	1.0985	.00525	.41718
29	0	70	149.2121	.00000	.98337	29	50	20	1.4848	.00441	.51667
29	1	69	142.9167	.00000	.98337	29	51	19	2.0076	.00346	.62341
29	2	68	136.7576	.00000	.98337	29	52	18	2.6667	.00253	.72438
29	3	67	130.7348	.00000	.98337	29	53	17	3.4621	.00172	.80971
29	4	66	124.8485	.00000	.98337	29	54	16	4.3939	.00108	.87429
29	5	65	119.0985	.00000	.98337	29	55	15	5.4621	.00063	.91945
29	6	64	113.4848	.00000	.98337	29	56	14	6.6667	.00034	.94835
29	7	63	108.0076	.00000	.98337	29	57	13	8.0076	.00017	.96551
29	8	62	102.6667	.00000	.98337	29	58	12	9.4848	.00007	.97486
29	9	61	97.4621	.00000	.98337	29	59	11	11.0985	.00003	.97957
29	10	60	92.3939	.00000	.98337	29	60	10	12.8485	.00001	.98179
29	11	59	87.4621	.00000	.98337	29	61	9	14.7348	.00000	.98275
29	12	58	82.6667	.00000	.98337	29	62	8	16.7576	.00000	.98319
29	13	57	78.0076	.00000	.98337	29	63	7	18.9167	.00000	.98329
29	14	56	73.4848	.00000	.98337	29	64	6	21.2121	.00000	.98335
29	15	55	69.0985	.00000	.98337	29	65	5	23.6439	.00000	.98336
29	16	54	64.8485	.00000	.98337	29	66	4	26.2121	.00000	.98337

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
29	67	3	28.9167	.00000	.98337	30	46	23	.4091	.00717	.18257
29	68	2	31.7576	.00000	.98337	30	47	22	.4773	.00701	.20952
29	69	1	34.7348	.00000	.98337	30	48	21	.6818	.00643	.28516
29	70	0	37.8485	.00000	.98337	30	49	20	1.0227	.00551	.39524
30	0	69	144.6818	.00000	.98337	30	50	19	1.5000	.00441	.52025
30	1	68	138.4773	.00000	.98337	30	51	18	2.1136	.00329	.64208
30	2	67	132.4091	.00000	.98337	30	52	17	2.8636	.00227	.74873
30	3	66	126.4773	.00000	.98337	30	53	16	3.7500	.00146	.83284
30	4	65	120.6818	.00000	.98337	30	54	15	4.7727	.00086	.89304
30	5	64	115.0227	.00000	.98337	30	55	14	5.9318	.00047	.93283
30	6	63	109.5000	.00000	.98337	30	56	13	7.2273	.00024	.95694
30	7	62	104.1136	.00000	.98337	30	57	12	8.6591	.00011	.97048
30	8	61	98.8636	.00000	.98337	30	58	11	10.2273	.00005	.97749
30	9	60	93.7500	.00000	.98337	30	59	10	11.9318	.00002	.98086
30	10	59	88.7727	.00000	.98337	30	60	9	13.7727	.00001	.98237
30	11	58	83.9318	.00000	.98337	30	61	8	15.7500	.00000	.98300
30	12	57	79.2273	.00000	.98337	30	62	7	17.8636	.00000	.98324
30	13	56	74.6591	.00000	.98337	30	63	6	20.1136	.00000	.98333
30	14	55	70.2273	.00000	.98337	30	64	5	22.5000	.00000	.98336
30	15	54	65.9318	.00000	.98337	30	65	4	25.0227	.00000	.98337
30	16	53	61.7727	.00000	.98337	30	66	3	27.6818	.00000	.98337
30	17	52	57.7500	.00000	.98337	30	67	2	30.4773	.00000	.98337
30	18	51	53.8636	.00000	.98337	30	68	1	33.4091	.00000	.98337
30	19	50	50.1136	.00000	.98337	30	69	0	36.4773	.00000	.98337
30	20	49	46.5000	.00000	.98337	31	0	68	140.3030	.00000	.98337
30	21	48	43.0227	.00000	.98337	31	1	67	134.1894	.00000	.98337
30	22	47	39.6818	.00000	.98337	31	2	66	128.2121	.00000	.98337
30	23	46	36.4773	.00000	.98337	31	3	65	122.3712	.00000	.98337
30	24	45	33.4091	.00000	.98337	31	4	64	116.6667	.00000	.98337
30	25	44	30.4773	.00000	.98337	31	5	63	111.0985	.00000	.98337
30	26	43	27.6818	.00000	.98337	31	6	62	105.6667	.00000	.98337
30	27	42	25.0227	.00000	.98337	31	7	61	100.3712	.00000	.98337
30	28	41	22.5000	.00000	.98336	31	8	60	95.2121	.00000	.98337
30	29	40	20.1136	.00000	.98333	31	9	59	90.1894	.00000	.98337
30	30	39	17.8636	.00000	.98324	31	10	58	85.3030	.00000	.98337
30	31	38	15.7500	.00001	.98300	31	11	57	80.5530	.00000	.98337
30	32	37	13.7727	.00002	.98237	31	12	56	75.9394	.00000	.98337
30	33	36	11.9318	.00004	.98086	31	13	55	71.4621	.00000	.98337
30	34	35	10.2273	.00008	.97749	31	14	54	67.1212	.00000	.98337
30	35	34	8.6591	.00016	.97048	31	15	53	62.9167	.00000	.98337
30	36	33	7.2273	.00031	.95694	31	16	52	58.8485	.00000	.98337
30	37	32	5.9318	.00055	.93283	31	17	51	54.9167	.00000	.98337
30	38	31	4.7727	.00093	.89304	31	18	50	51.1212	.00000	.98337
30	39	30	3.7500	.00147	.83284	31	19	49	47.4621	.00000	.98337
30	40	29	2.8636	.00227	.74873	31	20	48	43.9394	.00000	.98337
30	41	28	2.1136	.00312	.64208	31	21	47	40.5530	.00000	.98337
30	42	27	1.5000	.00417	.52025	31	22	46	37.3030	.00000	.98337
30	43	26	1.0227	.00525	.39524	31	23	45	34.1894	.00000	.98337
30	44	25	.6818	.00618	.28516	31	24	44	31.2121	.00000	.98337
30	45	24	.4773	.00687	.20952	31	25	43	28.3712	.00000	.98337

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
31	26	42	25.6667	.00000	.98337	32	7	60	96.7803	.00000	.98337
31	27	41	23.0985	.00000	.98336	32	8	59	91.7121	.00000	.98337
31	28	40	20.6667	.00000	.98334	32	9	58	86.7803	.00000	.98337
31	29	39	18.3712	.00000	.98327	32	10	57	81.9848	.00000	.98337
31	30	38	16.2121	.00001	.98307	32	11	56	77.3258	.00000	.98337
31	31	37	14.1894	.00001	.98256	32	12	55	72.8030	.00000	.98337
31	32	36	12.3030	.00003	.98129	32	13	54	68.4167	.00000	.98337
31	33	35	10.5530	.00007	.97838	32	14	53	64.1667	.00000	.98337
31	34	34	8.9394	.00014	.97216	32	15	52	60.0530	.00000	.98337
31	35	33	7.4621	.00027	.95988	32	16	51	56.0758	.00000	.98337
31	36	32	6.1212	.00049	.93742	32	17	50	52.2348	.00000	.98337
31	37	31	4.9167	.00085	.89934	32	18	49	48.5303	.00000	.98337
31	38	30	3.8485	.00139	.84011	32	19	48	44.9621	.00000	.98337
31	39	29	2.9167	.00214	.75489	32	20	47	41.5303	.00000	.98337
31	40	28	2.1212	.00310	.64339	32	21	46	38.2348	.00000	.98337
31	41	27	1.4621	.00423	.51126	32	22	45	35.0758	.00000	.98337
31	42	26	.9394	.00544	.37004	32	23	44	32.0530	.00000	.98337
31	43	25	.5530	.00658	.23847	32	24	43	29.1667	.00000	.98337
31	44	24	.3030	.00748	.13882	32	25	42	26.4167	.00000	.98337
31	45	23	.1894	.00798	.08895	32	26	41	23.8030	.00000	.98336
31	46	22	.2121	.00798	.09917	32	27	40	21.3258	.00000	.98335
31	47	21	.3712	.00747	.16713	32	28	39	18.9848	.00000	.98330
31	48	20	.6667	.00653	.27977	32	29	38	16.7803	.00000	.98315
31	49	19	1.0985	.00533	.41718	32	30	37	14.7121	.00001	.98274
31	50	18	1.6667	.00405	.55747	32	31	36	12.7803	.00002	.98173
31	51	17	2.3712	.00286	.68335	32	32	35	10.9848	.00005	.97935
31	52	16	3.2121	.00187	.78647	32	33	34	9.3258	.00011	.97415
31	53	15	4.1894	.00113	.86257	32	34	33	7.8030	.00022	.96358
31	54	14	5.3030	.00063	.91416	32	35	32	6.4167	.00042	.94366
31	55	13	6.5530	.00032	.94629	32	36	31	5.1667	.00074	.90928
31	56	12	7.9394	.00015	.96489	32	37	30	4.0530	.00124	.85401
31	57	11	9.4621	.00006	.97476	32	38	29	3.0758	.00195	.77249
31	58	10	11.1212	.00002	.97961	32	39	28	2.2348	.00291	.66215
31	59	9	12.9167	.00001	.98184	32	40	27	1.5303	.00407	.52732
31	60	8	14.8485	.00000	.98279	32	41	26	.9621	.00536	.37707
31	61	7	16.9167	.00000	.98316	32	42	25	.5303	.00663	.22986
31	62	6	19.1212	.00000	.98330	32	43	24	.2348	.00771	.10927
31	63	5	21.4621	.00000	.98335	32	44	23	.0758	.00841	.03679
31	64	4	23.9394	.00000	.98336	32	45	22	.0530	.00860	.02582
31	65	3	26.5530	.00000	.98337	32	46	21	.1667	.00823	.07861
31	66	2	29.3030	.00000	.98337	32	47	20	.4167	.00735	.18565
31	67	1	32.1894	.00000	.98337	32	48	19	.8030	.00613	.32651
31	68	0	35.2121	.00000	.98337	32	49	18	1.3258	.00475	.47844
32	0	67	136.0758	.00000	.98337	32	50	17	1.9848	.00342	.61924
32	1	66	130.0530	.00000	.98337	32	51	16	2.7803	.00228	.73877
32	2	65	124.1667	.00000	.98337	32	52	15	3.7121	.00140	.82993
32	3	64	118.4167	.00000	.98337	32	53	14	4.7803	.00079	.89339
32	4	63	112.8030	.00000	.98337	32	54	13	5.9848	.00041	.93417
32	5	62	107.3258	.00000	.98337	32	55	12	7.3258	.00019	.95822
32	6	61	101.9848	.00000	.98337	32	56	11	8.8030	.00008	.97136

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
32	57	10	10.4167	.00003	.97862	33	39	27	1.7045	.00370	.56555
32	58	9	12.1667	.00001	.98114	33	40	26	1.0909	.00499	.41500
32	59	8	14.0530	.00000	.98250	33	41	25	.6136	.00633	.26077
32	60	7	16.0758	.00000	.98305	33	42	24	.2727	.00754	.12580
32	61	6	18.2348	.00000	.98326	33	43	23	.0682	.00841	.03314
32	62	5	20.5303	.00000	.98334	33	44	22	0.0000	.00880	0.00000
32	63	4	22.9621	.00000	.98336	33	45	21	.0682	.00860	.03314
32	64	3	25.5303	.00000	.98337	33	46	20	.2727	.00785	.12580
32	65	2	28.2348	.00000	.98337	33	47	19	.6136	.00668	.26077
32	66	1	31.0758	.00000	.98337	33	48	18	1.0909	.00529	.41500
32	67	0	34.0530	.00000	.98337	33	49	17	1.7045	.00389	.56555
33	0	66	132.0000	.00000	.98337	33	50	16	2.4545	.00264	.69565
33	1	65	125.0682	.00000	.98337	33	51	15	3.3409	.00166	.79881
33	2	64	120.2727	.00000	.98337	33	52	14	4.3636	.00096	.87261
33	3	63	114.6136	.00000	.98337	33	53	13	5.5227	.00051	.92137
33	4	62	109.0909	.00000	.98337	33	54	12	6.8182	.00024	.95092
33	5	61	103.7045	.00000	.98337	33	55	11	8.2500	.00011	.96756
33	6	60	98.4545	.00000	.98337	33	56	10	9.8182	.00004	.97616
33	7	59	93.3409	.00000	.98337	33	57	9	11.5227	.00001	.98029
33	8	58	88.3636	.00000	.98337	33	58	8	13.3636	.00000	.98214
33	9	57	83.5227	.00000	.98337	33	59	7	15.3409	.00000	.98291
33	10	56	78.8182	.00000	.98337	33	60	6	17.4545	.00000	.98321
33	11	55	74.2500	.00000	.98337	33	61	5	19.7045	.00000	.98332
33	12	54	69.8182	.00000	.98337	33	62	4	22.0909	.00000	.98335
33	13	53	65.5227	.00000	.98337	33	63	3	24.6136	.00000	.98337
33	14	52	61.3636	.00000	.98337	33	64	2	27.2727	.00000	.98337
33	15	51	57.3409	.00000	.98337	33	65	1	30.0682	.00000	.98337
33	16	50	53.4545	.00000	.98337	33	66	0	33.0000	.00000	.98337
33	17	49	49.7045	.00000	.98337	34	0	65	128.0758	.00000	.98337
33	18	48	46.0909	.00000	.98337	34	1	64	122.2348	.00000	.98337
33	19	47	42.6136	.00000	.98337	34	2	63	116.5303	.00000	.98337
33	20	46	39.2727	.00000	.98337	34	3	62	110.9621	.00000	.98337
33	21	45	36.0682	.00000	.98337	34	4	61	105.5303	.00000	.98337
33	22	44	33.0000	.00000	.98337	34	5	60	100.2348	.00000	.98337
33	23	43	30.0682	.00000	.98337	34	6	59	95.0758	.00000	.98337
33	24	42	27.2727	.00000	.98337	34	7	58	90.0530	.00000	.98337
33	25	41	24.6136	.00000	.98337	34	8	57	85.1667	.00000	.98337
33	26	40	22.0909	.00000	.98335	34	9	56	80.4167	.00000	.98337
33	27	39	19.7045	.00000	.98332	34	10	55	75.8030	.00000	.98337
33	28	38	17.4545	.00000	.98321	34	11	54	71.3258	.00000	.98337
33	29	37	15.3409	.00001	.98291	34	12	53	66.9848	.00000	.98337
33	30	36	13.3636	.00002	.98214	34	13	52	62.7803	.00000	.98337
33	31	35	11.5227	.00004	.98029	34	14	51	58.7121	.00000	.98337
33	32	34	9.8182	.00008	.97616	34	15	50	54.7803	.00000	.98337
33	33	33	8.2500	.00017	.96756	34	16	49	50.9848	.00000	.98337
33	34	32	6.8182	.00033	.95092	34	17	48	47.3258	.00000	.98337
33	35	31	5.5227	.00060	.92137	34	18	47	43.8030	.00000	.98337
33	36	30	4.3636	.00109	.87261	34	19	46	40.4167	.00000	.98337
33	37	29	3.3409	.00169	.79881	34	20	45	37.1667	.00000	.98337
33	38	28	2.4545	.00257	.69569	34	21	44	34.0530	.00000	.98337

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
34	22	43	31.0758	.00000	.98337	35	6	58	91.8485	.00000	.98337
34	23	42	28.2348	.00000	.98337	35	7	57	86.9167	.00000	.98337
34	24	41	25.5303	.00000	.98337	35	8	56	82.1212	.00000	.98337
34	25	40	22.9621	.00000	.98336	35	9	55	77.4621	.00000	.98337
34	26	39	20.5303	.00000	.98334	35	10	54	72.9394	.00000	.98337
34	27	38	18.2348	.00000	.98326	35	11	53	68.5530	.00000	.98337
34	28	37	16.0758	.00000	.98305	35	12	52	64.3030	.00000	.98337
34	29	36	14.0530	.00001	.98250	35	13	51	60.1894	.00000	.98337
34	30	35	12.1667	.00003	.98114	35	14	50	56.2121	.00000	.98337
34	31	34	10.4167	.00006	.97802	35	15	49	52.3712	.00000	.98337
34	32	33	8.8030	.00012	.97136	35	16	48	48.6667	.00000	.98337
34	33	32	7.3258	.00025	.95822	35	17	47	45.0985	.00000	.98337
34	34	31	5.9848	.00047	.93417	35	18	46	41.6667	.00000	.98337
34	35	30	4.7803	.00083	.89339	35	19	45	38.3712	.00000	.98337
34	36	29	3.7121	.00138	.82993	35	20	44	35.2121	.00000	.98337
34	37	28	2.7803	.00216	.73877	35	21	43	32.1894	.00000	.98337
34	38	27	1.9848	.00318	.61924	35	22	42	29.3030	.00000	.98337
34	39	26	1.3258	.00440	.47844	35	23	41	26.5530	.00000	.98337
34	40	25	.8030	.00573	.32651	35	24	40	23.9394	.00000	.98336
34	41	24	.4167	.00698	.18565	35	25	39	21.4621	.00000	.98335
34	42	23	.1667	.00798	.07861	35	26	38	19.1212	.00000	.98330
34	43	22	.0530	.00854	.02582	35	27	37	16.9167	.00000	.98316
34	44	21	.0758	.00854	.03679	35	28	36	14.8485	.00001	.98279
34	45	20	.2348	.00797	.10927	35	29	35	12.9167	.00002	.98184
34	46	19	.5303	.00693	.22986	35	30	34	11.1212	.00004	.97961
34	47	18	.9621	.00560	.37707	35	31	33	9.4621	.00008	.97476
34	48	17	1.5303	.00420	.52732	35	32	32	7.9394	.00018	.96489
34	49	16	2.2348	.00292	.66215	35	33	31	6.5530	.00034	.94629
34	50	15	3.0758	.00187	.77249	35	34	30	5.3030	.00062	.91416
34	51	14	4.0530	.00110	.85401	35	35	29	4.1894	.00106	.86257
34	52	13	5.1667	.00059	.90928	35	36	28	3.2121	.00171	.78647
34	53	12	6.4167	.00029	.94366	35	37	27	2.3712	.00259	.68335
34	54	11	7.8030	.00013	.96358	35	38	26	1.6667	.00368	.55747
34	55	10	9.3258	.00005	.97415	35	39	25	1.0985	.00491	.41718
34	56	9	10.9848	.00002	.97935	35	40	24	.6667	.00613	.27977
34	57	8	12.7803	.00001	.98173	35	41	23	.3712	.00718	.16713
34	58	7	14.7121	.00000	.98274	35	42	22	.2121	.00787	.09917
34	59	6	16.7803	.00000	.98315	35	43	21	.1894	.00805	.08895
34	60	5	18.9848	.00000	.98330	35	44	20	.3030	.00768	.13882
34	61	4	21.3258	.00000	.98335	35	45	19	.5530	.00683	.23847
34	62	3	23.8030	.00000	.98336	35	46	18	.9394	.00564	.37004
34	63	2	26.4167	.00000	.98337	35	47	17	1.4621	.00432	.51126
34	64	1	29.1667	.00000	.98337	35	48	16	2.1212	.00306	.64339
34	65	0	32.0530	.00000	.98337	35	49	15	2.9167	.00200	.75489
35	0	64	124.3030	.00000	.98337	35	50	14	3.8485	.00120	.84011
35	1	63	118.5530	.00000	.98337	35	51	13	4.9167	.00066	.89934
35	2	62	112.9394	.00000	.98337	35	52	12	6.1212	.00033	.93742
35	3	61	107.4621	.00000	.98337	35	53	11	7.4621	.00015	.95988
35	4	60	102.1212	.00000	.98337	35	54	10	8.9394	.00006	.97216
35	5	59	96.9167	.00000	.98337	35	55	9	10.5530	.00002	.97838

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
35	56	8	12.3030	.00001	.98129	36	41	22	.4773	.00688	.20952
35	57	7	14.1894	.00000	.98256	36	42	21	.4091	.00721	.18257
35	58	6	16.2121	.00000	.98307	36	43	20	.4773	.00704	.20952
35	59	5	18.3712	.00000	.98327	36	44	19	.6818	.00640	.28516
35	60	4	20.6667	.00000	.98334	36	45	18	1.0227	.00541	.39524
35	61	3	23.0985	.00000	.98336	36	46	17	1.5000	.00423	.52025
35	62	2	25.6667	.00000	.98337	36	47	16	2.1136	.00306	.64208
35	63	1	28.3712	.00000	.98337	36	48	15	2.8636	.00204	.74873
35	64	0	31.2121	.00000	.98337	36	49	14	3.7500	.00125	.83284
36	0	63	120.6818	.00000	.98337	36	50	13	4.7727	.00070	.89304
36	1	62	115.0227	.00000	.98337	36	51	12	5.9318	.00036	.93283
36	2	61	109.5000	.00000	.98337	36	52	11	7.2273	.00016	.95694
36	3	60	104.1136	.00000	.98337	36	53	10	8.6591	.00007	.97048
36	4	59	98.8636	.00000	.98337	36	54	9	10.2273	.00003	.97749
36	5	58	93.7500	.00000	.98337	36	55	8	11.9318	.00001	.98086
36	6	57	88.7727	.00000	.98337	36	56	7	13.7727	.00000	.98237
36	7	56	83.9318	.00000	.98337	36	57	6	15.7500	.00000	.98300
36	8	55	79.2273	.00000	.98337	36	58	5	17.8636	.00000	.98324
36	9	54	74.6591	.00000	.98337	36	59	4	20.1136	.00000	.98333
36	10	53	70.2273	.00000	.98337	36	60	3	22.5000	.00000	.98336
36	11	52	65.9318	.00000	.98337	36	61	2	25.0227	.00000	.98337
36	12	51	61.7727	.00000	.98337	36	62	1	27.6818	.00000	.98337
36	13	50	57.7500	.00000	.98337	36	63	0	30.4773	.00000	.98337
36	14	49	53.8636	.00000	.98337	37	0	62	117.2121	.00000	.98337
36	15	48	50.1136	.00000	.98337	37	1	61	111.6439	.00000	.98337
36	16	47	46.5000	.00000	.98337	37	2	60	106.2121	.00000	.98337
36	17	46	43.0227	.00000	.98337	37	3	59	100.9167	.00000	.98337
36	18	45	39.6818	.00000	.98337	37	4	58	95.7576	.00000	.98337
36	19	44	36.4773	.00000	.98337	37	5	57	90.7348	.00000	.98337
36	20	43	33.4091	.00000	.98337	37	6	56	85.8485	.00000	.98337
36	21	42	30.4773	.00000	.98337	37	7	55	81.0985	.00000	.98337
36	22	41	27.6818	.00000	.98337	37	8	54	76.4848	.00000	.98337
36	23	40	25.0227	.00000	.98337	37	9	53	72.0076	.00000	.98337
36	24	39	22.5000	.00000	.98336	37	10	52	67.6667	.00000	.98337
36	25	38	20.1136	.00000	.98333	37	11	51	63.4621	.00000	.98337
36	26	37	17.8636	.00000	.98324	37	12	50	59.3939	.00000	.98337
36	27	36	15.7500	.00000	.98300	37	13	49	55.4621	.00000	.98337
36	28	35	13.7727	.00001	.98237	37	14	48	51.6667	.00000	.98337
36	29	34	11.9318	.00002	.98086	37	15	47	48.0076	.00000	.98337
36	30	33	10.2273	.00005	.97749	37	16	46	44.4848	.00000	.98337
36	31	32	8.6591	.00012	.97048	37	17	45	41.0985	.00000	.98337
36	32	31	7.2273	.00023	.95694	37	18	44	37.8485	.00000	.98337
36	33	30	5.9318	.00044	.93283	37	19	43	34.7348	.00000	.98337
36	34	29	4.7727	.00077	.89304	37	20	42	31.7576	.00000	.98337
36	35	28	3.7500	.00128	.83284	37	21	41	28.9167	.00000	.98337
36	36	27	2.8636	.00202	.74873	37	22	40	26.2121	.00000	.98337
36	37	26	2.1136	.00291	.64208	37	23	39	23.6439	.00000	.98336
36	38	25	1.5000	.00399	.52025	37	24	38	21.2121	.00000	.98335
36	39	24	1.0227	.00511	.39524	37	25	37	18.9167	.00000	.98329
36	40	23	.6818	.00613	.28516	37	26	36	16.7576	.00000	.98314

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
37	27	35	14.7348	.00001	.98275	38	14	47	49.6212	.00000	.98337
37	28	34	12.8485	.00001	.98179	38	15	46	46.0530	.00000	.98337
37	29	33	11.0985	.00003	.97957	38	16	45	42.6212	.00000	.98337
37	30	32	9.4848	.00007	.97486	38	17	44	39.3258	.00000	.98337
37	31	31	8.0076	.00015	.96551	38	18	43	36.1667	.00000	.98337
37	32	30	6.6667	.00029	.94835	38	19	42	33.1439	.00000	.98337
37	33	29	5.4621	.00053	.91945	38	20	41	30.2576	.00000	.98337
37	34	28	4.3939	.00091	.87429	38	21	40	27.5076	.00000	.98337
37	35	27	3.4621	.00146	.80971	38	22	39	24.8939	.00000	.98337
37	36	26	2.6667	.00219	.72436	38	23	38	22.4167	.00000	.98336
37	37	25	2.0076	.00307	.62341	38	24	37	20.0758	.00000	.98333
37	38	24	1.4848	.00404	.51667	38	25	36	17.8712	.00000	.98324
37	39	23	1.0985	.00497	.41718	38	26	35	15.8030	.00000	.98301
37	40	22	.8485	.00572	.34138	38	27	34	13.8712	.00001	.98242
37	41	21	.7348	.00614	.30552	38	28	33	12.0758	.00002	.98104
37	42	20	.7576	.00614	.31130	38	29	32	10.4167	.00004	.97802
37	43	19	.9167	.00571	.36294	38	30	31	8.8939	.00009	.97190
37	44	18	1.2121	.00493	.44875	38	31	30	7.5076	.00019	.96042
37	45	17	1.6439	.00395	.55253	38	32	29	6.2576	.00035	.94045
37	46	16	2.2121	.00292	.65843	38	33	28	5.1439	.00061	.90842
37	47	15	2.9167	.00199	.75489	38	34	27	4.1667	.00101	.86117
37	48	14	3.7576	.00124	.83342	38	35	26	3.3258	.00158	.79739
37	49	13	4.7348	.00071	.89130	38	36	25	2.6212	.00224	.71838
37	50	12	5.8485	.00037	.93066	38	37	24	2.0530	.00303	.63155
37	51	11	7.0985	.00017	.95518	38	38	23	1.6212	.00383	.54753
37	52	10	8.4848	.00007	.96930	38	39	22	1.3258	.00452	.47844
37	53	9	10.0076	.00003	.97682	38	40	21	1.1667	.00497	.43635
37	54	8	11.6667	.00001	.98050	38	41	20	1.1439	.00509	.43001
37	55	7	13.4621	.00000	.98221	38	42	19	1.2576	.00485	.46087
37	56	6	15.3939	.00000	.98293	38	43	18	1.5076	.00428	.52203
37	57	5	17.4621	.00000	.98321	38	44	17	1.8939	.00350	.60228
37	58	4	19.6667	.00000	.98332	38	45	16	2.4167	.00265	.69014
37	59	3	22.0076	.00000	.98335	38	46	15	3.0758	.00184	.77249
37	60	2	24.4848	.00000	.98336	38	47	14	3.8712	.00118	.84175
37	61	1	27.0985	.00000	.98337	38	48	13	4.8030	.00069	.89441
37	62	0	29.8485	.00000	.98337	38	49	12	5.8712	.00036	.93126
38	0	61	113.8939	.00000	.98337	38	50	11	7.0758	.00017	.95485
38	1	60	108.4167	.00000	.98337	38	51	10	8.4167	.00008	.96880
38	2	59	103.0758	.00000	.98337	38	52	9	9.8939	.00003	.97643
38	3	58	97.8712	.00000	.98337	38	53	8	11.5076	.00001	.98027
38	4	57	92.8030	.00000	.98337	38	54	7	13.2576	.00000	.98208
38	5	56	87.8712	.00000	.98337	38	55	6	15.1439	.00000	.98287
38	6	55	83.0758	.00000	.98337	38	56	5	17.1667	.00000	.98319
38	7	54	78.4167	.00000	.98337	38	57	4	19.3258	.00000	.98331
38	8	53	73.8939	.00000	.98337	38	58	3	21.6212	.00000	.98335
38	9	52	69.5076	.00000	.98337	38	59	2	24.0530	.00000	.98336
38	10	51	65.2576	.00000	.98337	38	60	1	26.6212	.00000	.98337
38	11	50	61.1439	.00000	.98337	38	61	0	29.3258	.00000	.98337
38	12	49	57.1667	.00000	.98337	39	0	60	110.7273	.00000	.98337
38	13	48	53.3258	.00000	.98337	39	1	59	105.3409	.00000	.98337

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
39	2	58	100.0909	.00000	.98337	39	52	8	11.4545	.00001	.98018
39	3	57	94.9773	.00000	.98337	39	53	7	13.1591	.00000	.98201
39	4	56	90.0000	.00000	.98337	39	54	6	15.0000	.00000	.98283
39	5	55	85.1591	.00000	.98337	39	55	5	16.9773	.00000	.98317
39	6	54	80.4545	.00000	.98337	39	56	4	19.0909	.00000	.98330
39	7	53	75.8864	.00000	.98337	39	57	3	21.3409	.00000	.98335
39	8	52	71.4545	.00000	.98337	39	58	2	23.7273	.00000	.98336
39	9	51	67.1591	.00000	.98337	39	59	1	26.2500	.00000	.98337
39	10	50	63.0000	.00000	.98337	39	60	0	28.9091	.00000	.98337
39	11	49	58.9773	.00000	.98337	40	0	59	107.7121	.00000	.98337
39	12	48	55.0909	.00000	.98337	40	1	58	102.4167	.00000	.98337
39	13	47	51.3409	.00000	.98337	40	2	57	97.2576	.00000	.98337
39	14	46	47.7273	.00000	.98337	40	3	56	92.2348	.00000	.98337
39	15	45	44.2500	.00000	.98337	40	4	55	87.3485	.00000	.98337
39	16	44	40.9091	.00000	.98337	40	5	54	82.5985	.00000	.98337
39	17	43	37.7045	.00000	.98337	40	6	53	77.9848	.00000	.98337
39	18	42	34.6364	.00000	.98337	40	7	52	73.5076	.00000	.98337
39	19	41	31.7045	.00000	.98337	40	8	51	69.1667	.00000	.98337
39	20	40	28.9091	.00000	.98337	40	9	50	64.9621	.00000	.98337
39	21	39	26.2500	.00000	.98337	40	10	49	60.8939	.00000	.98337
39	22	38	23.7273	.00000	.98336	40	11	48	56.9621	.00000	.98337
39	23	37	21.3409	.00000	.98335	40	12	47	53.1667	.00000	.98337
39	24	36	19.0909	.00000	.98330	40	13	46	49.5076	.00000	.98337
39	25	35	16.9773	.00000	.98317	40	14	45	45.9848	.00000	.98337
39	26	34	15.0000	.00000	.98283	40	15	44	42.5985	.00000	.98337
39	27	33	13.1591	.00001	.98201	40	16	43	39.3485	.00000	.98337
39	28	32	11.4545	.00002	.98018	40	17	42	36.2348	.00000	.98337
39	29	31	9.8864	.00005	.97640	40	18	41	33.2576	.00000	.98337
39	30	30	8.4545	.00011	.96908	40	19	40	30.4167	.00000	.98337
39	31	29	7.1591	.00021	.95602	40	20	39	27.7121	.00000	.98337
39	32	28	6.0000	.00039	.93455	40	21	38	25.1439	.00000	.98337
39	33	27	4.9773	.00066	.90187	40	22	37	22.7121	.00000	.98336
39	34	26	4.0909	.00105	.85646	40	23	36	20.4167	.00000	.98333
39	35	25	3.3409	.00155	.79881	40	24	35	18.2576	.00000	.98326
39	36	24	2.7273	.00216	.73217	40	25	34	16.2348	.00000	.98308
39	37	23	2.2500	.00280	.66461	40	26	33	14.3485	.00001	.98262
39	38	22	1.9091	.00339	.60520	40	27	32	12.5985	.00001	.98157
39	39	21	1.7045	.00382	.56555	40	28	31	10.9848	.00003	.97935
39	40	20	1.6364	.00401	.55087	40	29	30	9.5076	.00006	.97496
39	41	19	1.7045	.00391	.56555	40	30	29	8.1667	.00012	.96688
39	42	18	1.9091	.00354	.60520	40	31	28	6.9621	.00023	.95317
39	43	17	2.2500	.00296	.66461	40	32	27	5.8939	.00041	.93186
39	44	16	2.7273	.00229	.73217	40	33	26	4.9621	.00067	.90125
39	45	15	3.3409	.00163	.79881	40	34	25	4.1667	.00102	.86117
39	46	14	4.0909	.00106	.85646	40	35	24	3.5076	.00146	.81365
39	47	13	4.9773	.00063	.90187	40	36	23	2.9848	.00194	.76262
39	48	12	6.0000	.00034	.93455	40	37	22	2.5985	.00241	.71532
39	49	11	7.1591	.00017	.95602	40	38	21	2.3485	.00279	.67988
39	50	10	8.4545	.00007	.96908	40	39	20	2.2348	.00301	.66215
39	51	9	9.8864	.00003	.97640	40	40	19	2.2576	.00391	.66583

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
40	41	18	2.4167	.00279	.69014	41	31	27	6.9167	.00024	.95247
40	42	17	2.7121	.00239	.73023	41	32	26	5.9394	.00040	.93303
40	43	16	3.1439	.00189	.77963	41	33	25	5.0985	.00063	.90668
40	44	15	3.7121	.00137	.82993	41	34	24	4.3939	.00093	.87429
40	45	14	4.4167	.00092	.87554	41	35	23	3.8258	.00128	.83845
40	46	13	5.2576	.00056	.91256	41	36	22	3.3939	.00163	.80367
40	47	12	6.2348	.00031	.93995	41	37	21	3.0985	.00194	.77491
40	48	11	7.3485	.00015	.95851	41	38	20	2.9394	.00215	.75751
40	49	10	8.5985	.00007	.97008	41	39	19	2.9167	.00220	.75489
40	50	9	9.9848	.00003	.97674	41	40	18	3.0303	.00209	.76761
40	51	8	11.5076	.00001	.98027	41	41	17	3.2803	.00184	.79308
40	52	7	13.1667	.00000	.98202	41	42	16	3.6667	.00149	.82636
40	53	6	14.9621	.00000	.98282	41	43	15	4.1894	.00111	.86257
40	54	5	16.8939	.00000	.98316	41	44	14	4.8485	.00075	.89643
40	55	4	18.9621	.00000	.98329	41	45	13	5.6439	.00047	.92502
40	56	3	21.1667	.00000	.98334	41	46	12	6.5758	.00027	.94671
40	57	2	23.5076	.00000	.98336	41	47	11	7.6439	.00014	.96194
40	58	1	25.9848	.00000	.98337	41	48	10	8.8485	.00006	.97164
40	59	0	28.5985	.00000	.98337	41	49	9	10.1894	.00003	.97737
41	0	58	104.8485	.00000	.98337	41	50	8	11.6667	.00001	.98058
41	1	57	99.6439	.00000	.98337	41	51	7	13.2803	.00000	.98239
41	2	56	94.5758	.00000	.98337	41	52	6	15.0303	.00000	.98289
41	3	55	89.6439	.00000	.98337	41	53	5	16.9167	.00000	.98316
41	4	54	84.8485	.00000	.98337	41	54	4	18.9394	.00000	.98329
41	5	53	80.1894	.00000	.98337	41	55	3	21.0985	.00000	.98334
41	6	52	75.6667	.00000	.98337	41	56	2	23.3939	.00000	.98336
41	7	51	71.2803	.00000	.98337	41	57	1	25.8258	.00000	.98337
41	8	50	67.0303	.00000	.98337	41	58	0	28.3939	.00000	.98337
41	9	49	62.9167	.00000	.98337	42	0	57	102.1364	.00000	.98337
41	10	48	58.9394	.00000	.98337	42	1	56	97.0227	.00000	.98337
41	11	47	55.0985	.00000	.98337	42	2	55	92.0455	.00000	.98337
41	12	46	51.3939	.00000	.98337	42	3	54	87.2045	.00000	.98337
41	13	45	47.8258	.00000	.98337	42	4	53	82.5000	.00000	.98337
41	14	44	44.3939	.00000	.98337	42	5	52	77.9318	.00000	.98337
41	15	43	41.0985	.00000	.98337	42	6	51	73.5000	.00000	.98337
41	16	42	37.9394	.00000	.98337	42	7	50	69.2045	.00000	.98337
41	17	41	34.9167	.00000	.98337	42	8	49	65.0455	.00000	.98337
41	18	40	32.0303	.00000	.98337	42	9	48	61.0227	.00000	.98337
41	19	39	29.2803	.00000	.98337	42	10	47	57.1364	.00000	.98337
41	20	38	26.6667	.00000	.98337	42	11	46	53.3864	.00000	.98337
41	21	37	24.1894	.00000	.98336	42	12	45	49.7727	.00000	.98337
41	22	36	21.8485	.00000	.98335	42	13	44	46.2955	.00000	.98337
41	23	35	19.6439	.00000	.98332	42	14	43	42.9545	.00000	.98337
41	24	34	17.5758	.00000	.98322	42	15	42	39.7500	.00000	.98337
41	25	33	15.6439	.00000	.98298	42	16	41	36.6818	.00000	.98337
41	26	32	13.8485	.00001	.98241	42	17	40	33.7500	.00000	.98337
41	27	31	12.1894	.00001	.98117	42	18	39	30.9545	.00000	.98337
41	28	30	10.6667	.00003	.97865	42	19	38	28.2955	.00000	.98337
41	29	29	9.2803	.00007	.97393	42	20	37	25.7727	.00000	.98337
41	30	28	8.0303	.00013	.96572	42	21	36	23.3864	.00000	.98336

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TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
42	22	35	21.1364	.00000	.98334	43	14	42	41.6667	.00000	.98337
42	23	34	19.0227	.00000	.98330	43	15	41	38.5530	.00000	.98337
42	24	33	17.0455	.00000	.98318	43	16	40	35.5758	.00000	.98337
42	25	32	15.2045	.00000	.98288	43	17	39	32.7348	.00000	.98337
42	26	31	13.5000	.00001	.98222	43	18	38	30.0303	.00000	.98337
42	27	30	11.9318	.00002	.98086	43	19	37	27.4621	.00000	.98337
42	28	29	10.5000	.00004	.97824	43	20	36	25.0303	.00000	.98337
42	29	28	9.2045	.00007	.97357	43	21	35	22.7348	.00000	.98336
42	30	27	8.0455	.00013	.96585	43	22	34	20.5758	.00000	.98334
42	31	26	7.0227	.00023	.95408	43	23	33	18.5530	.00000	.98328
42	32	25	6.1364	.00037	.93777	43	24	32	16.6667	.00000	.98315
42	33	24	5.3864	.00057	.91698	43	25	31	14.9167	.00000	.98281
42	34	23	4.7727	.00080	.89304	43	26	30	13.3030	.00001	.98211
42	35	22	4.2955	.00105	.86876	43	27	29	11.8258	.00002	.98072
42	36	21	3.9545	.00128	.84752	43	28	28	10.4848	.00004	.97820
42	37	20	3.7500	.00146	.83284	43	29	27	9.2803	.00007	.97393
42	38	19	3.6818	.00153	.82756	43	30	26	8.2121	.00012	.96725
42	39	18	3.7500	.00149	.83284	43	31	25	7.2803	.00021	.95764
42	40	17	3.9545	.00134	.84752	43	32	24	6.4848	.00033	.94508
42	41	16	4.2955	.00112	.86876	43	33	23	5.8258	.00047	.93005
42	42	15	4.7727	.00085	.89304	43	34	22	5.3030	.00064	.91416
42	43	14	5.3864	.00059	.91698	43	35	21	4.9167	.00081	.89934
42	44	13	6.1364	.00038	.93777	43	36	20	4.6667	.00094	.88810
42	45	12	7.0227	.00022	.95408	43	37	19	4.5530	.00102	.88254
42	46	11	8.0455	.00011	.96585	43	38	18	4.5758	.00102	.88369
42	47	10	9.2045	.00005	.97357	43	39	17	4.7348	.00094	.89130
42	48	9	10.5000	.00002	.97824	43	40	16	5.0303	.00080	.90402
42	49	8	11.9318	.00001	.98086	43	41	15	5.4621	.00062	.91945
42	50	7	13.5000	.00000	.98222	43	42	14	6.0303	.00044	.93529
42	51	6	15.2045	.00000	.98288	43	43	13	6.7348	.00029	.94953
42	52	5	17.0455	.00000	.98318	43	44	12	7.5758	.00017	.96119
42	53	4	19.0227	.00000	.98330	43	45	11	8.5530	.00009	.96977
42	54	3	21.1364	.00000	.98334	43	46	10	9.6667	.00004	.97560
42	55	2	23.3864	.00000	.98336	43	47	9	10.9167	.00002	.97921
42	56	1	25.7727	.00000	.98337	43	48	8	12.3030	.00001	.98129
42	57	0	28.2955	.00000	.98337	43	49	7	13.8258	.00000	.98240
43	0	56	99.5758	.00000	.98337	43	50	6	15.4848	.00000	.98295
43	1	55	94.5530	.00000	.98337	43	51	5	17.2803	.00000	.98320
43	2	54	89.6667	.00000	.98337	43	52	4	19.2121	.00000	.98330
43	3	53	84.9167	.00000	.98337	43	53	3	21.2803	.00000	.98335
43	4	52	80.3030	.00000	.98337	43	54	2	23.4848	.00000	.98336
43	5	51	75.8258	.00000	.98337	43	55	1	25.8258	.00000	.98337
43	6	50	71.4848	.00000	.98337	43	56	0	28.3030	.00000	.98337
43	7	49	67.2803	.00000	.98337	44	0	55	97.1667	.00000	.98337
43	8	48	63.2121	.00000	.98337	44	1	54	92.2348	.00000	.98337
43	9	47	59.2803	.00000	.98337	44	2	53	87.4394	.00000	.98337
43	10	46	55.4848	.00000	.98337	44	3	52	82.7803	.00000	.98337
43	11	45	51.8258	.00000	.98337	44	4	51	78.2576	.00000	.98337
43	12	44	48.3030	.00000	.98337	44	5	50	73.8712	.00000	.98337
43	13	43	44.9167	.00000	.98337	44	6	49	69.6212	.00000	.98337

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
44	7	48	65.5076	.00000	.98337	45	1	53	90.0682	.00000	.98337
44	8	47	61.5303	.00000	.98337	45	2	52	85.3636	.00000	.98337
44	9	46	57.6894	.00000	.98337	45	3	51	80.7955	.00000	.98337
44	10	45	53.9848	.00000	.98337	45	4	50	76.3636	.00000	.98337
44	11	44	50.4167	.00000	.98337	45	5	49	72.0682	.00000	.98337
44	12	43	46.9848	.00000	.98337	45	6	48	67.9091	.00000	.98337
44	13	42	43.6894	.00000	.98337	45	7	47	63.8864	.00000	.98337
44	14	41	40.5303	.00000	.98337	45	8	46	60.0000	.00000	.98337
44	15	40	37.5076	.00000	.98337	45	9	45	56.2500	.00000	.98337
44	16	39	34.6212	.00000	.98337	45	10	44	52.6364	.00000	.98337
44	17	38	31.8712	.00000	.98337	45	11	43	49.1591	.00000	.98337
44	18	37	29.2576	.00000	.98337	45	12	42	45.8182	.00000	.98337
44	19	36	26.7803	.00000	.98337	45	13	41	42.6136	.00000	.98337
44	20	35	24.4394	.00000	.98336	45	14	40	39.5455	.00000	.98337
44	21	34	22.2348	.00000	.98336	45	15	39	36.6136	.00000	.98337
44	22	33	20.1667	.00000	.98333	45	16	38	33.8182	.00000	.98337
44	23	32	18.2348	.00000	.98326	45	17	37	31.1591	.00000	.98337
44	24	31	16.4394	.00000	.98311	45	18	36	28.6364	.00000	.98337
44	25	30	14.7803	.00000	.98277	45	19	35	26.2500	.00000	.98337
44	26	29	13.2576	.00001	.98208	45	20	34	24.0000	.00000	.98336
44	27	28	11.8712	.00002	.98078	45	21	33	21.8864	.00000	.98335
44	28	27	10.6212	.00003	.97854	45	22	32	19.9091	.00000	.98332
44	29	26	9.5076	.00006	.97496	45	23	31	18.0682	.00000	.98325
44	30	25	8.5303	.00011	.96961	45	24	30	16.3636	.00000	.98310
44	31	24	7.6894	.00018	.96242	45	25	29	14.7955	.00000	.98277
44	32	23	6.9848	.00027	.95351	45	26	28	13.3636	.00001	.98214
44	33	22	6.4167	.00037	.94366	45	27	27	12.0682	.00002	.98103
44	34	21	5.9848	.00048	.93417	45	28	26	10.9091	.00003	.97919
44	35	20	5.6894	.00058	.92634	45	29	25	9.8864	.00006	.97640
44	36	19	5.5303	.00064	.92161	45	30	24	9.0000	.00009	.97250
44	37	18	5.5076	.00066	.92089	45	31	23	8.2500	.00014	.96756
44	38	17	5.6212	.00062	.92435	45	32	22	7.6364	.00020	.96185
44	39	16	5.8712	.00054	.93126	45	33	21	7.1591	.00027	.95602
44	40	15	6.2576	.00043	.94045	45	34	20	6.8182	.00034	.95092
44	41	14	6.7803	.00032	.95029	45	35	19	6.6136	.00038	.94741
44	42	13	7.4394	.00021	.95961	45	36	18	6.5455	.00041	.94614
44	43	12	8.2348	.00013	.96744	45	37	17	6.6136	.00039	.94741
44	44	11	9.1667	.00007	.97338	45	38	16	6.8182	.00035	.95092
44	45	10	10.2348	.00003	.97751	45	39	15	7.1591	.00029	.95602
44	46	9	11.4394	.00001	.98016	45	40	14	7.6364	.00022	.96185
44	47	8	12.7803	.00001	.98173	45	41	13	8.2500	.00015	.96756
44	48	7	14.2576	.00000	.98259	45	42	12	9.0000	.00009	.97250
44	49	6	15.8712	.00000	.98302	45	43	11	9.8864	.00005	.97640
44	50	5	17.6212	.00000	.98322	45	44	10	10.9091	.00003	.97919
44	51	4	19.5076	.00000	.98331	45	45	9	12.0682	.00001	.98103
44	52	3	21.5303	.00000	.98335	45	46	8	13.3636	.00000	.98214
44	53	2	23.6894	.00000	.98336	45	47	7	14.7955	.00000	.98277
44	54	1	25.9848	.00000	.98337	45	48	6	16.3636	.00000	.98310
44	55	0	28.4167	.00000	.98337	45	49	5	18.0682	.00000	.98325
45	0	54	94.9091	.00000	.98337	45	50	4	19.9091	.00000	.98332

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
45	51	3	21.8864	.00000	.98335	46	46	7	15.4394	.00000	.98294
45	52	2	24.0000	.00000	.98336	46	47	6	16.9621	.00000	.98317
45	53	1	26.2500	.00000	.98337	46	48	5	18.6212	.00000	.98328
45	54	0	28.6364	.00000	.98337	46	49	4	20.4167	.00000	.98333
46	0	53	92.8030	.00000	.98337	46	50	3	22.3485	.00000	.98336
46	1	52	88.0530	.00000	.98337	46	51	2	24.4167	.00000	.98336
46	2	51	83.4394	.00000	.98337	46	52	1	26.6212	.00000	.98337
46	3	50	78.9621	.00000	.98337	46	53	0	28.9621	.00000	.98337
46	4	49	74.6212	.00000	.98337	47	0	52	90.8485	.00000	.98337
46	5	48	70.4167	.00000	.98337	47	1	51	86.1894	.00000	.98337
46	6	47	66.3485	.00000	.98337	47	2	50	81.6667	.00000	.98337
46	7	46	62.4167	.00000	.98337	47	3	49	77.2803	.00000	.98337
46	8	45	58.6212	.00000	.98337	47	4	48	73.0303	.00000	.98337
46	9	44	54.9621	.00000	.98337	47	5	47	68.9167	.00000	.98337
46	10	43	51.4394	.00000	.98337	47	6	46	64.9394	.00000	.98337
46	11	42	48.0530	.00000	.98337	47	7	45	61.0985	.00000	.98337
46	12	41	44.8030	.00000	.98337	47	8	44	57.3939	.00000	.98337
46	13	40	41.6894	.00000	.98337	47	9	43	53.8258	.00000	.98337
46	14	39	38.7121	.00000	.98337	47	10	42	50.3939	.00000	.98337
46	15	38	35.8712	.00000	.98337	47	11	41	47.0985	.00000	.98337
46	16	37	33.1667	.00000	.98337	47	12	40	43.9394	.00000	.98337
46	17	36	30.5985	.00000	.98337	47	13	39	40.9167	.00000	.98337
46	18	35	28.1667	.00000	.98337	47	14	38	38.0303	.00000	.98337
46	19	34	25.8712	.00000	.98337	47	15	37	35.2803	.00000	.98337
46	20	33	23.7121	.00000	.98336	47	16	36	32.6667	.00000	.98337
46	21	32	21.6894	.00000	.98335	47	17	35	30.1894	.00000	.98337
46	22	31	19.8030	.00000	.98332	47	18	34	27.8485	.00000	.98337
46	23	30	18.0530	.00000	.98325	47	19	33	25.6439	.00000	.98337
46	24	29	15.4394	.00000	.98311	47	20	32	23.5758	.00000	.98336
46	25	28	14.9621	.00000	.98282	47	21	31	21.6439	.00000	.98335
46	26	27	13.6212	.00001	.98229	47	22	30	19.8485	.00000	.98332
46	27	26	12.4167	.00001	.98140	47	23	29	18.1894	.00000	.98326
46	28	25	11.3485	.00003	.98001	47	24	28	16.6667	.00000	.98313
46	29	24	10.4167	.00004	.97802	47	25	27	15.2803	.00000	.98290
46	30	23	9.6212	.00007	.97542	47	26	26	14.0303	.00001	.98249
46	31	22	8.9621	.00011	.97229	47	27	25	12.9167	.00001	.98184
46	32	21	8.4394	.00015	.96897	47	28	24	11.9394	.00002	.98087
46	33	20	8.0530	.00019	.96592	47	29	23	11.0985	.00003	.97957
46	34	19	7.8030	.00022	.96358	47	30	22	10.3939	.00005	.97796
46	35	18	7.6894	.00024	.96242	47	31	21	9.8258	.00007	.97619
46	36	17	7.7121	.00024	.96266	47	32	20	9.3939	.00010	.97446
46	37	16	7.8712	.00022	.96425	47	33	19	9.0985	.00012	.97303
46	38	15	8.1667	.00018	.96680	47	34	18	8.9394	.00013	.97216
46	39	14	8.5985	.00014	.97000	47	35	17	8.9167	.00014	.97203
46	40	13	9.1667	.00010	.97330	47	36	16	9.0303	.00013	.97267
46	41	12	9.8712	.00006	.97635	47	37	15	9.2803	.00011	.97393.
46	42	11	10.7121	.00004	.97876	47	38	14	9.6667	.00009	.97560
46	43	10	11.6894	.00002	.98054	47	39	13	10.1894	.00006	.97737
46	44	9	12.8030	.00001	.98175	47	40	12	10.8485	.00004	.97906
46	45	8	14.0530	.00000	.98250	47	41	11	11.6439	.00002	.98047

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
47	42	10	12.5758	.00001	.98155	48	39	12	11.9318	.00003	.98086
47	43	9	13.6439	.00001	.98230	48	40	11	12.6818	.00002	.98165
47	44	8	14.8485	.00000	.98279	48	41	10	13.5682	.00001	.98226
47	45	7	16.1894	.00000	.98307	48	42	9	14.5909	.00000	.98270
47	46	6	17.6667	.00000	.98323	48	43	8	15.7500	.00000	.98300
47	47	5	19.2803	.00000	.98331	48	44	7	17.0455	.00000	.98318
47	48	4	21.0303	.00000	.98334	48	45	6	18.4773	.00000	.98327
47	49	3	22.9167	.00000	.98336	48	46	5	20.0455	.00000	.98333
47	50	2	24.9394	.00000	.98337	48	47	4	21.7500	.00000	.98335
47	51	1	27.0985	.00000	.98337	48	48	3	23.5909	.00000	.98336
47	52	0	29.3939	.00000	.98337	48	49	2	25.5682	.00000	.98337
48	0	51	89.0455	.00000	.98337	48	50	1	27.6818	.00000	.98337
48	1	50	84.4773	.00000	.98337	48	51	0	29.9318	.00000	.98337
48	2	49	80.0455	.00000	.98337	49	0	50	87.3939	.00000	.98337
48	3	48	75.7500	.00000	.98337	49	1	49	82.9167	.00000	.98337
48	4	47	71.5909	.00000	.98337	49	2	48	78.5758	.00000	.98337
48	5	46	67.5682	.00000	.98337	49	3	47	74.3712	.00000	.98337
48	6	45	63.6818	.00000	.98337	49	4	46	70.3030	.00000	.98337
48	7	44	59.9318	.00000	.98337	49	5	45	66.3712	.00000	.98337
48	8	43	56.3182	.00000	.98337	49	6	44	62.5758	.00000	.98337
48	9	42	52.8409	.00000	.98337	49	7	43	58.9167	.00000	.98337
48	10	41	49.5000	.00000	.98337	49	8	42	55.3939	.00000	.98337
48	11	40	46.2955	.00000	.98337	49	9	41	52.0076	.00000	.98337
48	12	39	43.2273	.00000	.98337	49	10	40	48.7576	.00000	.98337
48	13	38	40.2955	.00000	.98337	49	11	39	45.6439	.00000	.98337
48	14	37	37.5000	.00000	.98337	49	12	38	42.6667	.00000	.98337
48	15	36	34.8409	.00000	.98337	49	13	37	39.8258	.00000	.98337
48	16	35	32.3182	.00000	.98337	49	14	36	37.1212	.00000	.98337
48	17	34	29.9318	.00000	.98337	49	15	35	34.5530	.00000	.98337
48	18	33	27.6818	.00000	.98337	49	16	34	32.1212	.00000	.98337
48	19	32	25.5682	.00000	.98337	49	17	33	29.8258	.00000	.98337
48	20	31	23.5909	.00000	.98336	49	18	32	27.6667	.00000	.98337
48	21	30	21.7500	.00000	.98335	49	19	31	25.6439	.00000	.98337
48	22	29	20.0455	.00000	.98333	49	20	30	23.7576	.00000	.98336
48	23	28	18.4773	.00000	.98327	49	21	29	22.0076	.00000	.98335
48	24	27	17.0455	.00000	.98318	49	22	28	20.3939	.00000	.98333
48	25	26	15.7500	.00000	.98300	49	23	27	18.9167	.00000	.98329
48	26	25	14.5909	.00000	.98270	49	24	26	17.5758	.00000	.98322
48	27	24	13.5682	.00001	.98226	49	25	25	16.3712	.00000	.98310
48	28	23	12.6818	.00002	.98165	49	26	24	15.3030	.00000	.98291
48	29	22	11.9318	.00002	.98086	49	27	23	14.3712	.00001	.98263
48	30	21	11.3182	.00004	.97996	49	28	22	13.5758	.00001	.98227
48	31	20	10.8409	.00005	.97905	49	29	21	12.9167	.00002	.98184
48	32	19	10.5000	.00006	.97824	49	30	20	12.3939	.00002	.98136
48	33	18	10.2955	.00007	.97769	49	31	19	12.0076	.00003	.98096
48	34	17	10.2273	.00007	.97749	49	32	18	11.7576	.00004	.98063
48	35	16	10.2955	.00007	.97769	49	33	17	11.6439	.00004	.98047
48	36	15	10.5000	.00006	.97824	49	34	16	11.6667	.00004	.98050
48	37	14	10.8409	.00005	.97905	49	35	15	11.8258	.00004	.98072
48	38	13	11.3182	.00004	.97996	49	36	14	12.1212	.00003	.98109

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
49	37	13	12.5530	.00002	.98153	50	36	13	13.8939	.00001	.98243
49	38	12	13.1212	.00002	.98198	50	37	12	14.4167	.00001	.98265
49	39	11	13.8258	.00001	.98240	50	38	11	15.0758	.00001	.98285
49	40	10	14.6667	.00001	.98273	50	39	10	15.8712	.00000	.98302
49	41	9	15.6439	.00000	.98298	50	40	9	16.8030	.00000	.98315
49	42	8	16.7576	.00000	.98314	50	41	8	17.8712	.00000	.98324
49	43	7	18.0076	.00000	.98325	50	42	7	19.0758	.00000	.98330
49	44	6	19.3939	.00000	.98331	50	43	6	20.4167	.00000	.98333
49	45	5	20.9167	.00000	.98334	50	44	5	21.8939	.00000	.98335
49	46	4	22.5758	.00000	.98336	50	45	4	23.5076	.00000	.98336
49	47	3	24.3712	.00000	.98336	50	46	3	25.2576	.00000	.98337
49	48	2	26.3030	.00000	.98337	50	47	2	27.1439	.00000	.98337
49	49	1	28.3712	.00000	.98337	50	48	1	29.1667	.00000	.98337
49	50	0	30.5758	.00000	.98337	50	49	0	31.3258	.00000	.98337
50	0	49	85.8939	.00000	.98337	51	0	48	84.5455	.00000	.98337
50	1	48	81.5076	.00000	.98337	51	1	47	80.2500	.00000	.98337
50	2	47	77.2576	.00000	.98337	51	2	46	76.0909	.00000	.98337
50	3	46	73.1439	.00000	.98337	51	3	45	72.0682	.00000	.98337
50	4	45	69.1667	.00000	.98337	51	4	44	68.1818	.00000	.98337
50	5	44	65.3258	.00000	.98337	51	5	43	64.4318	.00000	.98337
50	6	43	61.6212	.00000	.98337	51	6	42	60.8182	.00000	.98337
50	7	42	58.0530	.00000	.98337	51	7	41	57.3409	.00000	.98337
50	8	41	54.6212	.00000	.98337	51	8	40	54.0000	.00000	.98337
50	9	40	51.3258	.00000	.98337	51	9	39	50.7955	.00000	.98337
50	10	39	48.1667	.00000	.98337	51	10	38	47.7273	.00000	.98337
50	11	38	45.1439	.00000	.98337	51	11	37	44.7955	.00000	.98337
50	12	37	42.2576	.00000	.98337	51	12	36	42.0000	.00000	.98337
50	13	36	39.5076	.00000	.98337	51	13	35	39.3409	.00000	.98337
50	14	35	36.8939	.00000	.98337	51	14	34	36.8182	.00000	.98337
50	15	34	34.4167	.00000	.98337	51	15	33	34.4318	.00000	.98337
50	16	33	32.0758	.00000	.98337	51	16	32	32.1818	.00000	.98337
50	17	32	29.8712	.00000	.98337	51	17	31	30.0682	.00000	.98337
50	18	31	27.8030	.00000	.98337	51	18	30	28.0909	.00000	.98337
50	19	30	25.8712	.00000	.98337	51	19	29	26.2500	.00000	.98337
50	20	29	24.0758	.00000	.98336	51	20	28	24.5455	.00000	.98336
50	21	28	22.4167	.00000	.98336	51	21	27	22.9773	.00000	.98336
50	22	27	20.8939	.00000	.98334	51	22	26	21.5455	.00000	.98335
50	23	26	19.5076	.00000	.98331	51	23	25	20.2500	.00000	.98333
50	24	25	18.2576	.00000	.98326	51	24	24	19.0909	.00000	.98330
50	25	24	17.1439	.00000	.98318	51	25	23	18.0682	.00000	.98325
50	26	23	16.1667	.00000	.98307	51	26	22	17.1818	.00000	.98319
50	27	22	15.3258	.00000	.98291	51	27	21	16.4318	.00000	.98311
50	28	21	14.6212	.00001	.98271	51	28	20	15.8182	.00000	.98301
50	29	20	14.0530	.00001	.98250	51	29	19	15.3409	.00001	.98291
50	30	19	13.6212	.00001	.98229	51	30	18	15.0000	.00001	.98283
50	31	18	13.3258	.00002	.98212	51	31	17	14.7955	.00001	.98277
50	32	17	13.1667	.00002	.98202	51	32	16	14.7273	.00001	.98275
50	33	16	13.1439	.00002	.98200	51	33	15	14.7955	.00001	.98277
50	34	15	13.2576	.00002	.98208	51	34	14	15.0000	.00001	.98283
50	35	14	13.5076	.00002	.98223	51	35	13	15.3409	.00001	.98291

TABLE EXP

U	V	W	X2	P(A)	CUM(EXP)	U	V	W	X2	P(A)	CUM(EXP)
51	36	12	15.8182	.00000	.98301	52	37	10	18.5985	.00000	.98328
51	37	11	16.4318	.00000	.98311	52	38	9	19.4394	.00000	.98331
51	38	10	17.1818	.00000	.98319	52	39	8	20.4167	.00000	.98333
51	39	9	18.0682	.00000	.98325	52	40	7	21.5303	.00000	.98335
51	40	8	19.0909	.00000	.98330	52	41	6	22.7803	.00000	.98336
51	41	7	20.2500	.00000	.98333	52	42	5	24.1667	.00000	.98336
51	42	6	21.5455	.00000	.98335	52	43	4	25.6894	.00000	.98337
51	43	5	22.9773	.00000	.98336	52	44	3	27.3485	.00000	.98337
51	44	4	24.5455	.00000	.98336	52	45	2	29.1439	.00000	.98337
51	45	3	26.2500	.00000	.98337	52	46	1	31.0758	.00000	.98337
51	46	2	28.0909	.00000	.98337	52	47	0	33.1439	.00000	.98337
51	47	1	30.0682	.00000	.98337	53	0	46	82.3030	.00000	.98337
51	48	0	32.1818	.00000	.98337	53	1	45	78.1894	.00000	.98337
52	0	47	83.3485	.00000	.98337	53	2	44	74.2121	.00000	.98337
52	1	46	79.1439	.00000	.98337	53	3	43	70.3712	.00000	.98337
52	2	45	75.0758	.00000	.98337	53	4	42	66.6667	.00000	.98337
52	3	44	71.1439	.00000	.98337	53	5	41	63.0985	.00000	.98337
52	4	43	67.3485	.00000	.98337	53	6	40	59.6667	.00000	.98337
52	5	42	63.6894	.00000	.98337	53	7	39	56.3712	.00000	.98337
52	6	41	60.1667	.00000	.98337	53	8	38	53.2121	.00000	.98337
52	7	40	56.7803	.00000	.98337	53	9	37	50.1894	.00000	.98337
52	8	39	53.5303	.00000	.98337	53	10	36	47.3030	.00000	.98337
52	9	38	50.4167	.00000	.98337	53	11	35	44.5530	.00000	.98337
52	10	37	47.4394	.00000	.98337	53	12	34	41.9394	.00000	.98337
52	11	36	44.5985	.00000	.98337	53	13	33	39.4621	.00000	.98337
52	12	35	41.8939	.00000	.98337	53	14	32	37.1212	.00000	.98337
52	13	34	39.3258	.00000	.98337	53	15	31	34.9167	.00000	.98337
52	14	33	36.8939	.00000	.98337	53	16	30	32.8485	.00000	.98337
52	15	32	34.5985	.00000	.98337	53	17	29	30.9167	.00000	.98337
52	16	31	32.4394	.00000	.98337	53	18	28	29.1212	.00000	.98337
52	17	30	30.4167	.00000	.98337	53	19	27	27.4621	.00000	.98337
52	18	29	28.5303	.00000	.98337	53	20	26	25.9394	.00000	.98337
52	19	28	26.7803	.00000	.98337	53	21	25	24.5530	.00000	.98336
52	20	27	25.1667	.00000	.98337	53	22	24	23.3030	.00000	.98336
52	21	26	23.6894	.00000	.98336	53	23	23	22.1894	.00000	.98335
52	22	25	22.3485	.00000	.98336	53	24	22	21.2121	.00000	.98335
52	23	24	21.1439	.00000	.98334	53	25	21	20.3712	.00000	.98333
52	24	23	20.0758	.00000	.98333	53	26	20	19.6667	.00000	.98332
52	25	22	19.1439	.00000	.98330	53	27	19	19.0985	.00000	.98330
52	26	21	18.3485	.00000	.98327	53	28	18	18.6667	.00000	.98328
52	27	20	17.6894	.00000	.98323	53	29	17	18.3712	.00000	.98327
52	28	19	17.1667	.00000	.98319	53	30	16	18.2121	.00000	.98326
52	29	18	16.7803	.00000	.98315	53	31	15	18.1894	.00000	.98326
52	30	17	16.5303	.00000	.98312	53	32	14	18.3030	.00000	.98327
52	31	16	16.4167	.00000	.98310	53	33	13	18.5530	.00000	.98328
52	32	15	16.4394	.00000	.98311	53	34	12	18.9394	.00000	.98329
52	33	14	16.5985	.00000	.98313	53	35	11	19.4621	.00000	.98331
52	34	13	16.8939	.00000	.98316	53	36	10	20.1212	.00000	.98333
52	35	12	17.3258	.00000	.98320	53	37	9	20.9167	.00000	.98334
52	36	11	17.8939	.00000	.98324	53	38	8	21.8485	.00000	.98335

TABLE EXP

CHI SQUARE - P0(1/3), P1(4/9), P2(2/9) N=99

U	V	W	X2	P(A)	CUM(EXP)
53	39	7	22.9167	.00000	.98336
53	40	6	24.1212	.00000	.98336
53	41	5	25.4621	.00000	.98337
53	42	4	26.9394	.00000	.98337
53	43	3	28.5530	.00000	.98337
53	44	2	30.3030	.00000	.98337
53	45	1	32.1894	.00000	.98337
53	46	0	34.2121	.00000	.98337
54	0	45	81.4091	.00000	.98337
54	1	44	77.3864	.00000	.98337
54	2	43	73.5000	.00000	.98337
54	3	42	69.7500	.00000	.98337
54	4	41	66.1364	.00000	.98337
54	5	40	62.6591	.00000	.98337
54	6	39	59.3182	.00000	.98337
54	7	38	56.1136	.00000	.98337
54	8	37	53.0455	.00000	.98337
54	9	36	50.1136	.00000	.98337
54	10	35	47.3182	.00000	.98337
54	11	34	44.6591	.00000	.98337
54	12	33	42.1364	.00000	.98337
54	13	32	39.7500	.00000	.98337
54	14	31	37.5000	.00000	.98337
54	15	30	35.3864	.00000	.98337
54	16	29	33.4091	.00000	.98337
54	17	28	31.5682	.00000	.98337
54	18	27	29.8636	.00000	.98337
54	19	26	28.2955	.00000	.98337
54	20	25	26.8636	.00000	.98337
54	21	24	25.5682	.00000	.98337
54	22	23	24.4091	.00000	.98336
54	23	22	23.3864	.00000	.98336
54	24	21	22.5000	.00000	.98336
54	25	20	21.7500	.00000	.98335
54	26	19	21.1364	.00000	.98334
54	27	18	20.6591	.00000	.98334
54	28	17	20.3182	.00000	.98333
54	29	16	20.1136	.00000	.98333
54	30	15	20.0455	.00000	.98333
54	31	14	20.1136	.00000	.98333
54	32	13	20.3182	.00000	.98333
54	33	12	20.6591	.00000	.98334
54	34	11	21.1364	.00000	.98334
54	35	10	21.7500	.00000	.98335