A LOCATION ANALYSIS OF MILK PROCESSING IN MONTANA

by

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VITA

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John attended elementary and junior high schools in Great Falls. He received his high school diploma from Great Falls High School in the spring of 1975 and enrolled in Montana State University the subsequent autumn.

In the spring of 1979 John received his Bachelor of Science degree in Economics from Montana State University. He entered the graduate program in the fall of 1979 and received his Master of Science degree in Applied Economics from Montana State University in the autumn of 1982.

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ABSTRACT

A mixed integer linear programming model is used to determine the number, size, and location of milk processing plants in Montana that minimizes total assembly, distribution, and processing costs. The model selected accounts for economies of size in the objective function and is based on the Stollsteimer location model. The minimum cost solution contained four plants of varying size located one each in Great Falls, Missoula, Bozeman, and Billings.

The minimum cost solution was contrasted to the estimated present situation which includes eleven relatively large plants. Total costs for the present situation were 4.9 cents per gallon of milk higher than the least cost solution.

A total cost curve with respect to plant numbers was estimated. The curve exhibited a wide range of relative flatness which infers that adjustment to fewer and larger plants will be relatively slow.

Chapter 1

INTRODUCTION

Background Information

The dairy distribution system in Montana has been in constant change for at least the last 50 years. The industry in the 1930s was characterized by many small producer-distributors. The 1930s were followed by a period of increased specialization in production and distribution of milk. Independent distributors began to replace the producer-distributors, expanding marketing areas. Factors affecting the transition to increased specialization and expanded market areas included: the substitution of light-weight paper containers for glass bottles, the adoption of newer and more advanced milking systems, and the general improvement of roads starting in the late 1940s and early 1950s.

Recently, the number of milk processing plants in Montana has declined. Seventy processing plants shut down operations between 1961 and 1976. Of the 24 remaining plants 14 processed 99 percent of the fluid milk in the state [10]. By early 1981 only nine major* processors remained in business. The decrease in the number of dairy processing plants is a trend seen across the nation and is not unique to Montana [10]. Improvement in transportation, better storage

*Major plants are those that process more than 2,800 gallons of milk per week.

facilities, the replacement of glass bottles by paperboard containers, and economies of size in milk processing have all led to a reduction in the number of processing plants [4].

Most studies, however, suggest that the major cause for the continued shrinkage of plant numbers is the existence of significant economies of size in the processing of fluid milk [4].

Problem Statement and Objectives

The objective of this research is to estimate the optimum number, size and location of milk processing plants in Montana under present cost conditions.

The specific objectives of this study are: (1) assuming no present facilities, estimate the size, number and location of processing plants which minimizes the combined transportion and processing costs;* (2) compare this minimum cost solution to the present distribution system; and (3) estimate the total processing and transportation cost curve with respect to plant numbers.

Importance of Study

The importance of optimum location has been accented by recent rises in fuel costs. Fulton [6] notes that few "management decisions are as critical or as far reaching as those involving location and

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*This is similar to estimating the long run optimum under static conditions.

its ramifications." In many parts of Montana it is likely that transportation costs exceed the processing costs for milk processing firms in their location and route decisions, and thereby lead to greater efficiency and lower costs.

The research should also be of use to the Milk Control Board for policy purposes. In 1976, the Legislative Audit Committee [10] recommended that the board acquire actual cost data. Two members of the board responded to the committee that they did not believe relevant data could be collected [10]. Costs estimated in this study may furnish the board with an alternative measure.

The board has also been criticized by those who argue that its actions have allowed inefficient distributors to remain in business at the expense of consumers through higher milk prices. There seems to be evidence that marketing margins for distributors are not set above the market equilibrium [10]. While this study does not examine marketing margins directly, results of this research may suggest high margins if more firms now exist than occur in the least cost solution.

Procedure

The thesis is divided into three parts. In chapter two the model will be developed. In chapter three the results will be presented. Conclusions, implications and limitations of the study will be presented in chapter four, the final chapter.

Chapter 2

METHODS AND DATA DETERMINATIONS

In this chapter the model used to estimate optimal plant number, size and location will be developed. Supply and demand regions will be defined, and budgets used to estimate processing and transportation costs will be presented.

Model Selection

A model of the milk processing industry in Montana was developed. The purpose of the model was to estimate plant size, locations and numbers which minimize total milk processing and transportation costs in the state of Montana, subject to relevant constraints.

As mentioned earlier, milk processing exhibits economies of size. As plants process greater quantities of milk, per unit costs fall. The model must, therefore, optimize given economies of size. The existence of size economies rules out general linear programming as an optimization method since linear programming assumes a constant per unit. A desirable model would have the characteristics of linear programming, yet allow for decreasing unit costs.

The alternatives considered were the original Stollsteimer [11] location model, the iterative approach to the linear transportation model, and the mixed integer linear programming method.

Stollsteimer considered the problem of simultaneously determining

the number, size and location of processing plants that minimized total processing and transportation costs involved in shipping and processing a given quantity of product when economies of size exist. Stollsteimer describes a model in which the form of the long run total processing cost function is assumed to be linear. Stollsteimer notes that "this particular functional form simplifies solution of the problem and appears to be applicable. . .within the relevant range to many plant operations." (Cothern, [3]:p. 24). French, Sammet and Bressler [5] point out that a smooth continuous function is used for convenience and as a close approximation. However, if the total cost function has a non-zero (normally positive) intercept ("set-up" cost) then the model must be run separately for each combination of possible plant locations and the "set-up" cost added to the solution value estimated by the model. Even if only eleven plant locations were considered, over 2000 runs would be necessary. Therefore the original Stollsteimer is computationally cumbersome.

The iterative approach considered is one in which the optimum solution is estimated by estimating the processing cost for the next solution based upon the volume processed in each plant in the previous solution. The program is iteratively run until the change in solutions from one iteration to the next is negligible. The advantage of this approach is the flexibility in choice of a cost function. However, the final solution may not be optimum which will be

demonstrated by a simple example. Assume that the area to be considered is of the general shape of a rectangle, and the area is divided into two end regions and a center region. Further assume that the end regions are characterized by high production and consumption and dramatic economies of size relative to transportation costs exist in processing. The iterative approach will result in plants located in the end regions while the optimum solution may be a single plant located in one of the regions.

The problem analyzedin this study appeared to exhibit a linear total cost function with a positive intercept. Therefore, the Stollsteimer model was chosen as appropriate. The computation inconveneince was overcome by the use of mixed integer linear programming by requiring every plant entering the solution to incur a "set up" cost as decribed by Hiller and Lieberman [7].

Mixed integer linear programming has very desirable characteristics. It is defendable on theoretical grounds as French, Sammet and Bressler [52] and Stollsteimer [11] note; and it has the capability to find an optimum efficiently when significant economies of size exist. A more complete formulation of the mixed integer linear programming model follows including: decision variables, associated costs, and an objective function that considers economies of size.

The decision variables are

X_{ij} = amount of milk in gallons shipped from producer region i to processing plant j

λ_j = amount of milk processed in gallons at plant j

Y_{jk} = amount of milk in gallons shipped from processing plant j to demand region k.

The associated costs are

C = total transportation and processing costs

P_{ij} = the cost per gallon associated with shipping bulk milk from producer region i to processing plant location j

L_j = marginal processing cost per gallon at processing plant j

D_{jk} = the cost per gallon associated with transporting packaged milk from processing plant location j to demand region k

F_j = "set-up" cost incurred for each plant that enters the optimal solution. This is the integer activity.

The optimization model can be expressed as

$$(1)\quad C = \sum_{i=1}^{n}\sum_{j=1}^{m} P_{ij} X_{ij} + \sum_{j=1}^{m} (L_j \lambda_j + F_j f_j) + \sum_{j=1}^{m}\sum_{k=1}^{p} D_{jk} Y_{jk}$$

subject to

$$(2)\quad \sum_{i=1}^{n}\sum_{j=1}^{m} X_{ij} \leq Q_i^s$$

$$(3)\quad \sum_{j=1}^{m}\sum_{k=1}^{p} Y_{jk} \geq Q_k^d$$

$$(4)\quad \lambda_j - Mf_j \leq 0$$

$$(5)\quad f_j \leq 1$$

(6) $f_j \geq 0$

(7) f_j integer-valued for j = 1, 2, ..., m.

(8) $X_{ij} \geq$ for i - 1, 2, ..., n and j - 1, 2, ... m

(9) $\lambda_j \geq 0$ for j - 1, 2, ..., m

(10) $Y_{jk} \geq 0$ for j = 1, 2, ..., m and k = 1, 2, ..., p

where

M = a large number that exceeds the maximum feasible value of any λ_j, (j = 1, 2, ..., m)

$$f_j = \begin{cases} 1, \text{ if } \lambda_j > 0 \\ 0, \text{ if } \lambda_j = 0 \end{cases}$$

Q_i^s = maximum total milk production in producer region i

Q_k^d = minimum total milk demand in demand region k.

The next sections of this chapter will be devoted to explaining the selection of the production and demand regions, with reference to imports and exports, possible processing plant locations, and how the processing and transportation costs were calculated.

Production and Demand Regions

Eleven producer regions, and 13 demand regions were chosen for this study. The regions chosen are the major trade areas for the state. The regions selected are representative of the milk industry in the state and their use, while simplifying the problem, will cause little distortion.

The state is viewed as a closed system. It is assumed that there are no exports or imports of milk. Recent data suggest that milk exports are slightly larger than milk imports with net exports comprising three percent of grade A milk production (Barkell, [2] : p. 22, Table 9). Milk is exported out of the western part of the state while imports enter the state from eastern Wyoming and western North Dakota, and the southwestern part of the state from Idaho [10]. The exclusion of imports and exports will, of course, have an effect on the final solution. The perception was that their inclusion would make the problem computationally much more difficult.

Producer Regions

Milk production in Montana is scattered throughout the state but concentrated in the west and near the larger cities. Names of licensed producers and their addresses were obtained from the Montana Department of Business Regulation Milk Control Division. Using this information, the state was divided into eleven regions with the major city in the area designed as the region center, the origin or destination point of all milk shipping from that region. Since milk is usually collected at central points (centers) before shipping, and milk production tends to be located near these cities, their use as region centers seems appropriate. Producer regions and centers are shown in Figure 1.

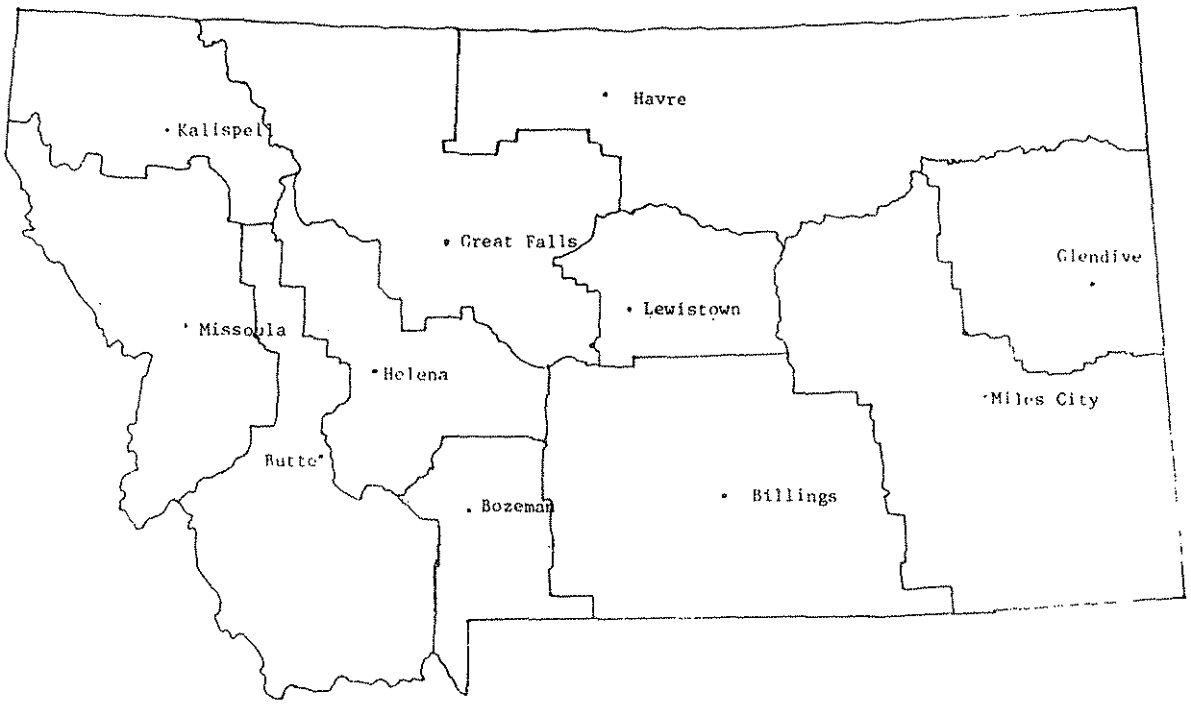

Figure 1. Producer Regions and Centers in Montana

Demand Regions

Cities with populations greater than 4500 and at least 60 miles away from another city with a larger population were selected as demand centers. These cities tend to be the market centers for the surrounding areas. The 56 counties in Montana were divided into 13 demand regions, the demand centers approximately in the center of the regions. The demand regions and centers are shown on Figure 2.

Possible Plant Locations

Eleven possible plant location sites were chosen. Sites chosen were centers of production and/or demand. Eleven were selected since

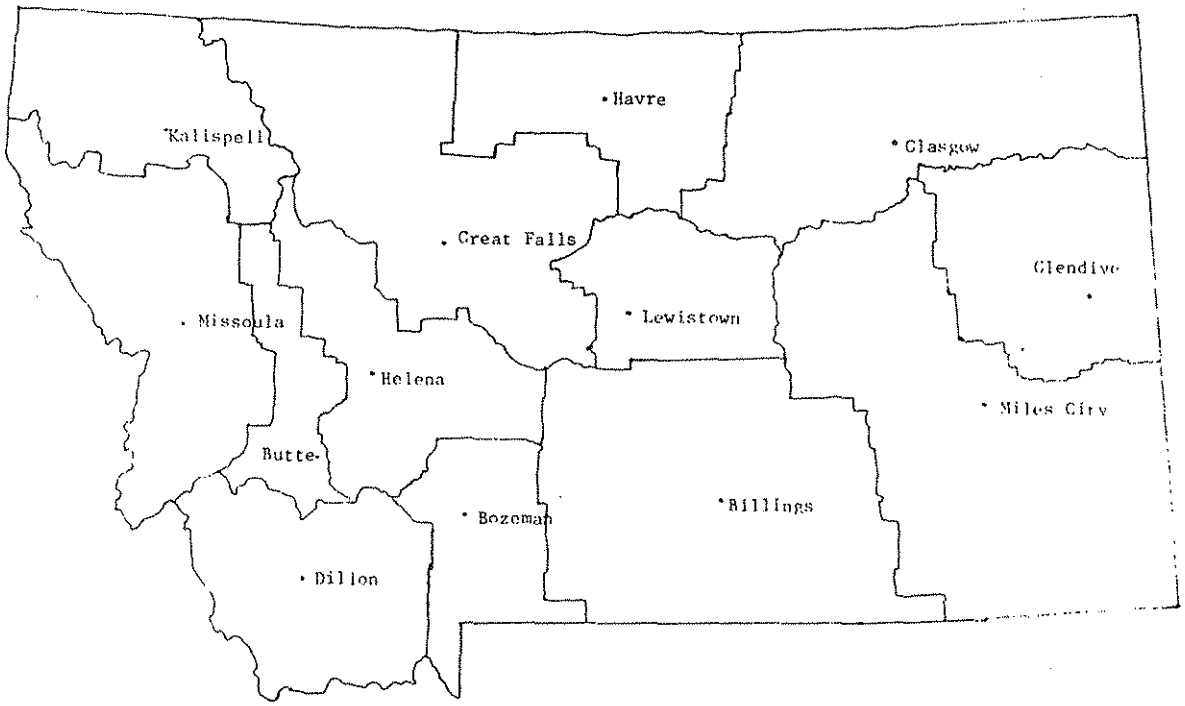

Figure 2. Demand Regions and Centers in Montana

the cost of transporting milk already collected at these sites is zero. Plants could, therefore, take advantage of the minimal assembly cost. Local assembly and distribution costs will be incurred whether a plant is located in a region or not. For this reason it is permissible to ignore these costs since they are not relevant to the location decision.

In the next sections of this thesis the methodology used to estimate processing and transportation costs is described.

Processing Costs

This section presents a description of how processing costs were

estimated followed by a brief discussion of some of the problems associated with these estimates.

Processing costs include those costs incurred from the time raw milk enters the plant until the finished product leaves the cold storage. Processing costs for Montana were established by adjusting costs estimated by Fischer, Hammond and Hardie for Minnesota [4]. Fischer and others used an economic engineering approach to calculate processing costs for three sizes of milk plants.* Costs were adjusted for Montana if actual cost data were available. If data for Montana was lacking or it was believed that differences in costs between Minnesota and Montana were relatively small, costs were adjusted by a price index. Specifically, costs were estimated in the following way:

Interest

Interest represents the cost of borrowed funds. For this analysis it is assumed that all capital funds were borrowed. An interest rate of 12 percent was selected to apply to the average value of buildings and equipment over their expected lifetimes.

Direct Labor

Labor requirements were obtained from the Minnesota study [4].

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* The three plant sizes are 50,000 gallons per week, 200,000 gallons per week, and 400,000 gallons per week.

The average base wage for hourly employees was assumed to be $9.00 per hour. It was further assumed that employee benefits add 25 percent to the base wage.

Administrative and Clerical Labor

Wages, plus the cost of benefits for administrative and clerical labor was computed at 8.3 percent of total direct labor cost for the three plant sizes.

Equipment Depreciation

Equipment depreciation was adjusted to March 1981 using the producer price index for capital equipment. From January 1978, the date of the Minnesota study, to March 1981, the index rose from 189.1 to 257.8, a 36.3 percent increase [16]. It was assumed that there was no difference in the cost of equipment for Montana and Minnesota for comparable size plants.

Building depreciation was adjusted to February 1981 by the implicit price deflator for structures. From January 1978 to February 1981 the implicit price deflator for structures increased 43.6 percent [15]. Again, it was assumed that the cost of structures in Montana is identical to those in Minnesota.

Containers

The cost for containers was adjusted to March 1981 by the producer

price index for paperboard products. From January 1978 to March 1981 the producer price index for paperboard products increased 33.2 percent [16].

Supplies

The Minnesota cost estimates for supplies were based on the expense records of existing plants and primarily included office and janitorial supplies. It was assumed that office supplies comprised the major portion of total supply expense and for that reason the producer price index for paper was used to adjust supply expense to March 1981. Over the period January 1978 through March 1981 the producer price index for paper increased by 38.5 percent [16]. The producer price index for cleaning supplies over this period of time showed a similar increase.

Repairs and Maintenance

To adjust repairs and maintenance costs the construction machinery and equipment component of the producer price index was used. The producer price index for construction machinery and equipment was the best measure available. Because construction machinery and equipment is used for these repairs, and to the extent that the cost of the repairs are positively correlated with the cost of the equipment used to make those repairs, the index should adequately adjust the cost. From January 1978 to March 1981 this index increase 39.8 percent [16].

Case Expense

Fischer, et. al assume that plants must maintain an inventory of 1.65 cases per gallon of daily output and that the annual case replacement rate is 12 percent. Cases are made of either metal or plastic. Since an index for plastic containers was not available, the producer price index for metal containers was used to adjust case expense from January 1978 to March 1981. Over that period of time the cost of metal containers increased 38.2 percent [16].

Electricity

For this study the electricity component of processing costs was calculated using rates obtained from the Montana Power Company based on peak load and monthly energy demands for the three plant sizes calculated by Fischer, et al.

Fuel

Fuel cost estimates are for natural gas. Plants use natural gas for sealing containers and for heating water, milk, and the plant [4]. Gas rates were obtained from the Montana Power Company and calculated for an average week. (An average week was used since Montana Power discounts the price of the first 15 MCF (thousand cubic feet) of natural gas used from January 20th through April 30th.)

Costs for water and sewage were left unchanged since cost data

was unavailable. This should cause little problem since water and sewage costs comprise less than one percent of total costs.

Taxes and Insurance

Property taxes were applied to the average value of land, buildings, and equipment. The value of land was assumed to remain unchanged. Buildings and equipment are assumed to have no salvage value.

In Montana taxes on land and buildings are applied to 8.55 percent of the market value [12]. On equipment, taxes are applied to 11 percent of the market value. The mill rate was assumed to be 250, a representative rate for property in the areas picked for possible plant sites.

A local insurance agent suggested that most insurance premiums are based on a percent of the value of the insured item. It was his opinion that the percentage used in Minnesota was applicable to Montana for the type of insurance coverage: boiler, fire and refrigeration system insurance.

Product Loss

Product loss was computed at 0.6 percent of weekly production for the three plants. A milk price of $14.01 per hundred-weight was used to compute this cost.

Effects of Seasonality on Processing Costs.

Milk processing firms experience variation in plant utilization levels due to the effects of seasonality in milk production and milk demand. Because of this variation it would be unrealistic to calculate costs based on a 100 percent utilization level. As the utilization level falls below 100 percent, per unit processing costs increase [4].

For this study processing costs were estimated assuming 90 percent utilization for two months of the year, 95 percent utilization for four months, and 100 percent utilization for six months of the year. Their utilization levels were based on a U.S.D.A. seasonality study and Montana Milk Control Board Sales data [13].

Next, costs were estimated based on these utilization rates and then a weighted average was used to calculate processing costs for an average month.

Costs estimated in this way for the three hypothetical plants show economies of size. As the plant size increases from 50,000 to 200,000 to 400,000 gallons per week* average processing costs fall from 36.0 to 28.5 to 26.9 center per gallon. Budgeted costs for the three hypothetical plants are shown in Tables 1, 2 and 3.

Cost Function

A processing cost function was derived using the costs calculated

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*Plant sizes refer to planned capacity.

Table 1. Average Weekly Operating Costs for 50,000 gal/wk. model fluid Milk Plant.[a/]

Item	Average Weekly Cost	Cost per Gallon[b]
Interest	$2,314	$.0479
Direct labor	3,148	.0651
Administrative and clerical labor	261	.0054
Equipment depreciation	1,549	.0320
Building depreciation	373	.0077
Containers	6,754	.1397
Supplies	449	.0093
Repairs and maintenance	272	.0056
Case expense	151	.0031
Electricity	298	.0062
Fuel	627	.0129
Water and sewage	124	.0026
Taxes and insurance	718	.0149
Product loss	353	.0073
Total	$17,391	$.3598

a/ Refers to planned (100%) capacity.

b/ May not sum to $.3598 due to rounding.

Table 2. Average Weekly Operating Costs for 200,000 gal/wk. model fluid Milk Plant.a/

Item	Average Weekly Cost	Cost per Gallon[b]
Interest	$4,771	$.0247
Direct labor	8,776	.0454
Administrative and clerical labor	729	.0038
Equipment depreciation	3,008	.0156
Building depreciation	928	.0048
Containers	26,641	.1378
Supplies	1,794	.0093
Repairs and maintenance	2,125	.0110
Case expense	610	.0032
Electricity	843	.0044
Fuel	1,984	.0103
Water and sewage	370	.0019
Taxes and insurance	1,104	.0057
Product loss	1,401	.0072
Total	$55,084	$.2849

a/ Refers to planned (100%) capacity.

b/ May not sum to $.2849 due to rounding.

Table 3. Average Weekly Operating Costs for 400,000 gal/wk. model fluid Milk Plant.a/

Item	Average Weekly Cost	Cost per Gallon[b]
Interest	$7,603	.0197
Direct labor	15,791	.0408
Administrative and clerical labor	1,311	.0034
Euipment depreciation	5,096	.0132
Building depreciation	1,348	.0035
Containers	53,091	.1373
Supplies	3,588	.0093
Repairs and maintenance	4,768	.0123
Case expense	1,221	.0032
Electricity	1,551	.0040
Fuel	3,297	.0085
Water and sewage	648	.0017
Taxes and insurance	1,986	.0051
Product loss	2,802	.0072
Total	$104,101	.2692

a/ Refers to planned (100%) capacity.

b/ May not sum to $.2692 due to rounding.

for the three size plants. To approximate the downward sloping average cost curve a function of the following form was assumed.

(11) $APC = \frac{a}{Q} + b$

where

APC = average processing cost per gallon in dollars

Q = quantity processed in gallons per week.

and

a, b = model parameters.

Using costs calculated for the three size plants the following function was estimated.

(12) $APC = \frac{\$5200}{Q} + \$.258.$

Average porcessing costs calculated using this equation are slightly different from the costs estimated using the budget approach. The equation slightly overstates processing costs for the 50,000 and 400,000 gallon per week plants and understates costs for the 200,000 gallon per week plant. The estimated equation calculates average costs for the 50,000 gallon plant at 36.2 cents per gallon. The estimated budgeted cost was 36.0 cents per gallon. For the 200,000 gallon plant estimated budgeted costs were 28.5 cents per gallon, the cost from the the estimated equation was 28.4 cents. The 400,000 gallon plant had estimated budget costs of 26.9 cents, but the estimated equation states costs at 27.1 cents per gallon. These differences can be seen graphically in Figure 3.

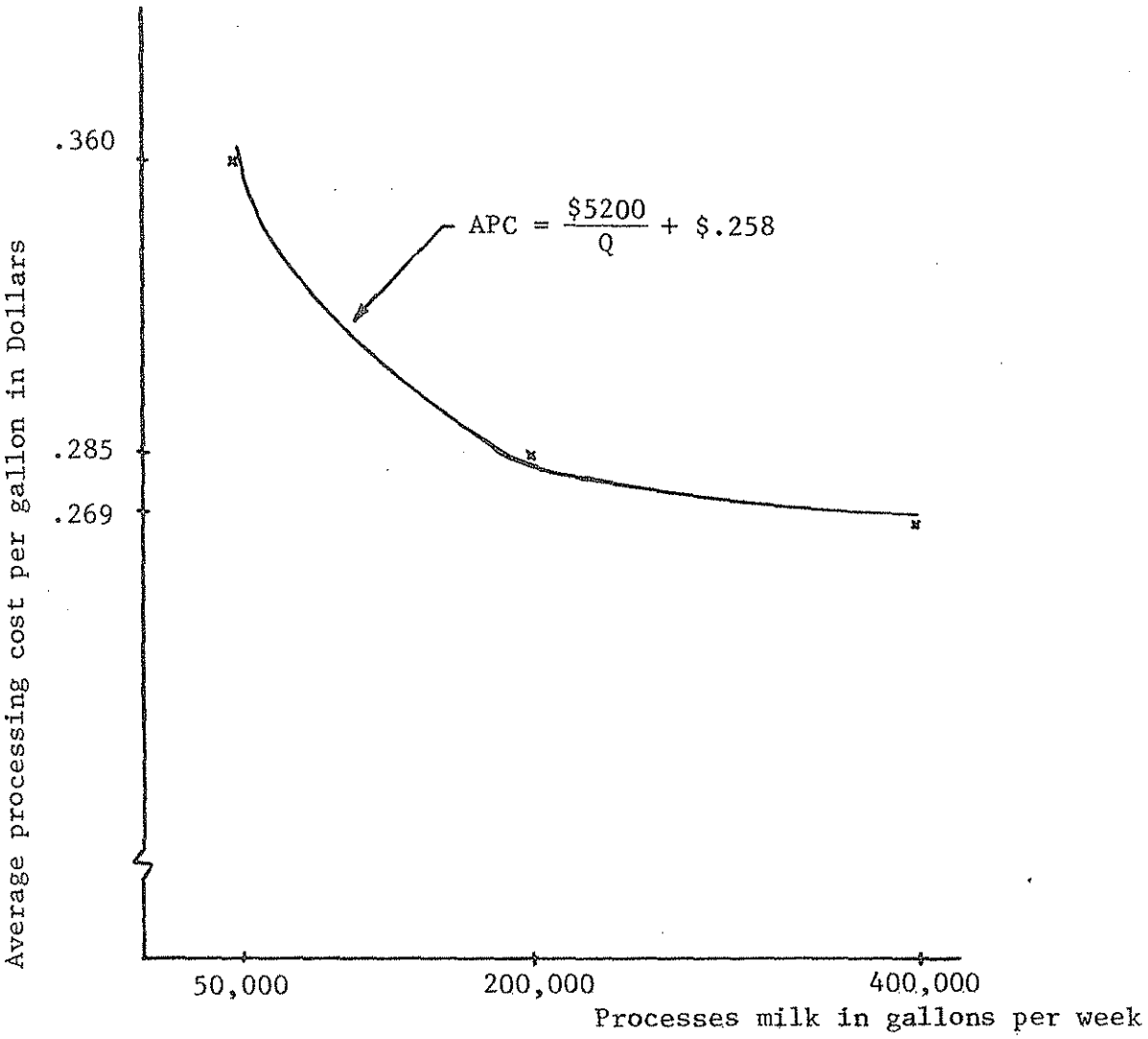

Figure 3. Economic Engineering Estimates and Fitted Function

Multiplying APC by Q results in total processing costs (TPC)

(13) TPC = $5200 + $.258Q.

$5200 is the setup cost or fixed cost component, and $.258 is the marginal cost of processing another gallon of milk.

Of course, the above equation representing total processing costs is only an estimate. Two important points should be remembered: First, the costs are only estimates, and second, the functional form is used for convenience.

Wages, supply costs, electricity rates, and other input costs can vary across areas. The various indexes were used to update costs from 1979. Actual changes in the prices of various items can only be approximated with the use of these indexes. Actual price changes since 1979 may be quite different than indicated by the index adopted. Also, new technology within the industry may have changed costs significantly since 1979.

Transportation Costs

For the purpose of this study transportation costs include those costs incurred shipping milk from origin to destination. Loading and unloading costs are not included in transportation costs since this is an operation that will be performed no matter where the milk is shipped. The difference in transportation costs of shipping milk 100 miles

versus 200 miles is the expense incurred traveling the extra 100 miles. Loading and unloading will be performed for both routes and are assumed to remain unchanged with respect to route length.

Trucking costs are composed of fixed costs and variable costs. Fixed costs consist of interest on the tractor and trailer, depreciation expense, maintenance epxenses, management and administrative costs, insurance expenses, license and permit costs, and highway use taxes. Variable costs include: fuel cost, oil and filter cost, tire cost and driver wage.

Two independent trucking cost studies were used as methodological guides for estimating trucking costs for Montana. The method chosen for cost estimation was described by Koo [9]. The other method, an Office of Transportation publication [14], provided a basis for comparison of individual cost components as well as a check on the estimated total trucking cost. Although both methods are very similar, the Office of Transportation study contained one flaw. The Office of Transportation study used a method for calculating interest that has been shown by Watts [17] to be an underestimate. After correcting for this underestimate in the Office of Transportation study the two methods yielded very similar results. Transportation costs are calculated below using the method suggested by Koo [9].

Fixed Costs

Fixed costs include: interest and depreciation, maintenance expenses, administrative costs, insurance, licenses, and highway use taxes. They are estimated as follows:

Annual interest and depreciation expense can be estimated as an annual equilvant cost (AEC). Annual equivalent cost is calculated using the following formula:

$$(14) \quad AEC = \left[Pv - Sv\ (1-i)^{-n}\right] \left[\frac{i}{1 - (1 - i)^{-n}}\right]$$

where

Pv = purchase value of the semi-tractor trailer. Current (1981) costs are approximately $75,000 for a tractor, $31,900 for a refrigerated trailer, and $27,500 for a 5500 gallon tanker.

Sv = salvage value of the semi-tractor trailer. The estimated value after eight years is $30,000 for a tractor and $11,000 for a tanker. The estimated value after 10 years is $12,800 for a refrigerated trailer.

i = interest rate, set at 12 percent.

n = service life, set at 8 years for a tractor and tanker, and 10 years for a refrigerated trailer.

AEC for a tractor-trailer is estimated at $17,575, and for a tractor-tanker $17,300.

Annual maintenance expenses are set at five percent of the purchase value. Annual administrative costs are set at $600 per year. Annual insurance costs are estimated at $7,000 per year. The annual cost of licenses allowing a trucker to operate in Montana is approximately $1700. Average annual highway use taxes are approximately $3100 per year. Total fixed costs for a tractor-trailer combination are estimated to be $35,320. Total fixed costs for a tractor-tanker combination are estimated to be $35,045.

Variable Costs

Variable costs are those costs that change with the amount of miles driven and include: fuel cost, oil and filter cost, tire cost, driver wage, and overhaul cost.

Fuel cost per mile is equal to the cost of fuel per gallon divided by miles per gallon. Fuel consumption for a semi-trailer averages 4.5 miles per gallon. Fuel cost per mile is given by

$$(15)\quad \frac{\text{Fuel cost per gallon}}{\text{Miles per gallon}} = \frac{1.25}{4.5} = .278 \text{ dollars per mile}$$

Oil and filter cost per mile is the ratio of the cost of an oil change, including a new oil filter, to the miles between oil changes. The miles between oil changes averages 10,000 miles. Oil and filter change cost per mile is

$$(16)\quad \frac{\text{Oil and filter change cost}}{\text{Miles between change}} = \frac{\$60.00}{10{,}000 \text{ miles}} = .006 \text{ dollars per mile}$$

Tire cost per mile is equal to the cost per tire divided by the

number of miles per tire. Total tire cost is equal to the cost of an individual tire times the number of tires per vehicle. New tires cost approximately $270 per tire and last for 70,000 miles on a trailer and 50,000 miles on the truck-tractor. Tires can be recapped for about $80 per tire, obtaining equivalent mileage to new tires. Assuming tires are recapped only once and have zero salvage value, tire costs are estimated at

$$(17)\quad \frac{\text{New cost + recap. cost}}{\text{Total mileage}} \times 10 \text{ tires} = \frac{270 + 80}{100{,}000} \times 10 = .035 \text{ dollars per mile}$$

for trailer tires and

$$(18)\quad \frac{\text{New cost + recap. cost}}{\text{Total mileage}} \times 8 \text{ tires} = \frac{270 + 80}{140{,}000} \times 8 = .02 \text{ dollars per mile}$$

for tractor tires. Total tire cost per mile is estimated at .055 dollars per mile.

Driver wage per mile is the ratio of driver wage per hour to miles driven per hour. It is assumed that drivers' wages per hour including fringe benefits comes to $12.13 per hour, the present rate in Bozeman, Montana. Drivers average about 50 miles per hour. Thus, the driver wage per mile is .243 dollars per mile.

The last component of variable costs is the annual overhaul cost. An overall costs approximately $6,000 and one is usually required every 350,000 miles. Overhaul cost, therefore, comes to .017 dollars per mile.

Total variable costs per mile are 59.9 cents per mile.

A local trucking firm involved in milk hauling indicated that their

trucks averaged about 105,000 miles per year. Assuming trucks involved in milk hauling average 105,000 miles per year, total fixed costs can then be divided by this mileage to derive fixed costs per mile. Dividing total fixed costs of $35,320 by 105,000 miles gives fixed costs per mile of 33.6 cents. Adding fixed costs per mile of 33.6 cents to variable costs per mile of 59.9 cents per mile results in total costs of 93.5 cents per mile for packaged milk. For bulk milk we add fixed costs per mile of 33.4 cents to variable costs per mile of 59.9 cents to give us total costs per mile of 93.3 cents.

Information provided by a local milk processing plant indicated that they hauled an average of 4200 gallons of packaged milk per trip in their refrigerated trailers. Average transportation costs for packaged milk per gallon per mile is equal to the ratio of the total transportation cost per mile to the average gallons hauled.

$$(19)\quad \frac{93.5 \text{ cents per mile}}{4200 \text{ gallons}} = .0222619 \text{ cents per gallon per mile.}$$

From this ratio we can get an equation for transportation costs for packaged milk as a function of mileage.

$$(20)\quad TC_p = .0222619\ M$$

where

TC_p = transportation cost per gallon packaged milk

and

M = round trip mileage.

Tank trailers for hauling bulk milk hold 5500 gallons of milk. Tankers tend to haul very near capacity.

Average transportation costs for bulk milk per gallon per mile is equal to

(21) $\frac{93.3 \text{ cents per mile}}{5500 \text{ gallons}} = .01696364$ cents per gallon per mile

From this we can get an equation for bulk milk assembly as a function of mileage

(22) $TC_B = .01696364\ M$

where

TC_B = assembly cost per gallon of bulk milk

and

M = round trip mileage.

The transportation cost estimates like the processing cost estimates can be subject to variable and uncontrollable factors. The estimates were derived using a proven methodology and reliable data. They are, therefore, believed to be relatively accurage.

Summary

In this chapter the model used in the study was developed. The model is based on the Stollsteimer location model. Mixed integer linear programming was employed as a convenient and approximate method for estimating optimal number, size, and location of plants when economies of size exist.

Next, supply and demand regions were defined based on dairy sizes and population information.

Last, processing and transportation costs were calculated. Data was supplied by local businesses or adjusted using an appropriate price index. Other studies were used as a guide in calculating processing and transportation cost. From these costs smooth, continuous cost curves were derived for use in the model. Some limitation of the techniques used were described, although these were pointed out as being minor considerations.

The mixed integer linear programming matrix is featured in the appendix.

Chapter 3

RESULTS

This chapter summarizes the results of the study. The chapter is divided into three sections, each corresponding to one of the objectives stated in chapter one. The first section presents the optimal solution. The second section presents results which approximate the current situation in Montana. These results are contrasted to the optimal solution. The third section presents the total cost curve under varying plant numbers.

The Optimal Solution

The first objective of the study was to determine the optimum number, size, and location of milk processing plants in the state, given no existing facilities, or estimate the long run equilibrium.

It was found that four plants minimized processing and transportation costs. The plant locations included: Missoula, Bozeman, Great Falls and Billings. The largest plant, which was located in Missoula, processed 136,830 gallons of milk per week at an average cost of 29.6 cents per gallon. The smallest plant was located in Bozeman. It processed 80,168 gallons of milk per week at an average cost of 32.3 cents per gallon. A plant at Great Falls processed 103,740 gallons of milk per week at an average cost of 30.8 cents per gallon, while the Billings plant processed 107,740 gallons at an

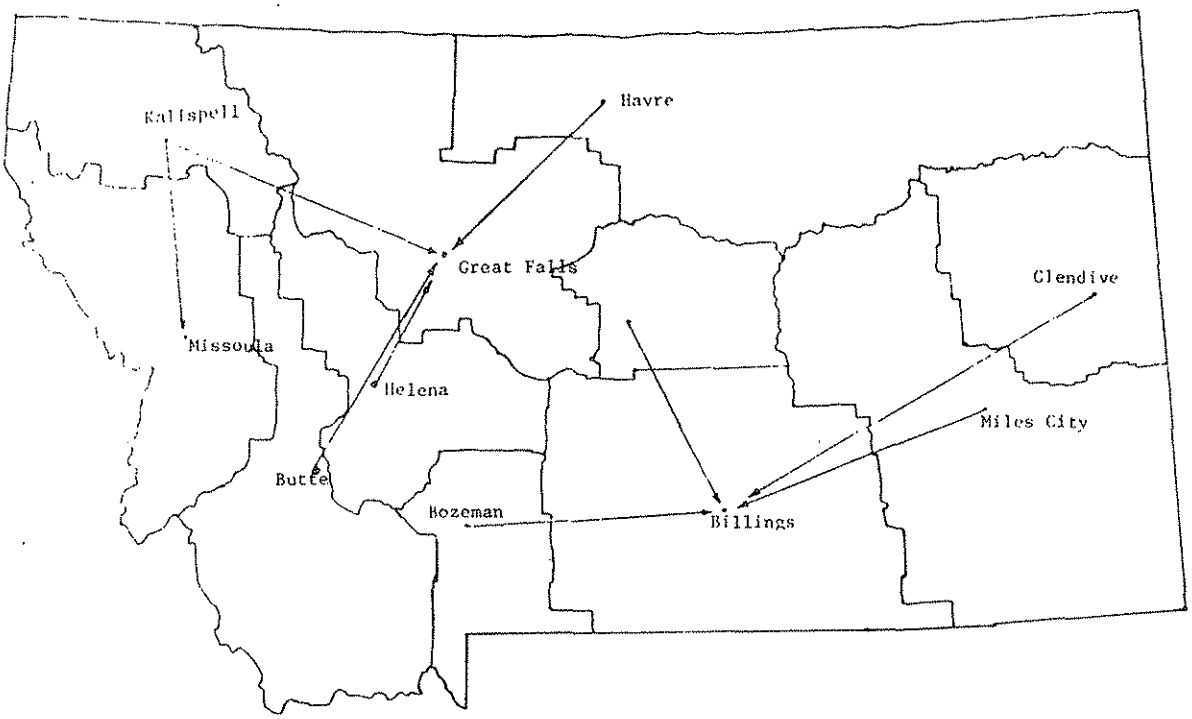

Figure 4. Optimal Flows of Milk from Production Regions to Plant Locations.

average cost of 30.6 cents per gallon.

The minimum cost of processing and transporting 428,468 gallons of milk per week was $149,225.23. The optimal flows are depicted in Figures 4 and 5. The quantities transported and processed are presented in Tables 4 and 5.

The Present Situation

The second objective of the study is to estimate the costs of

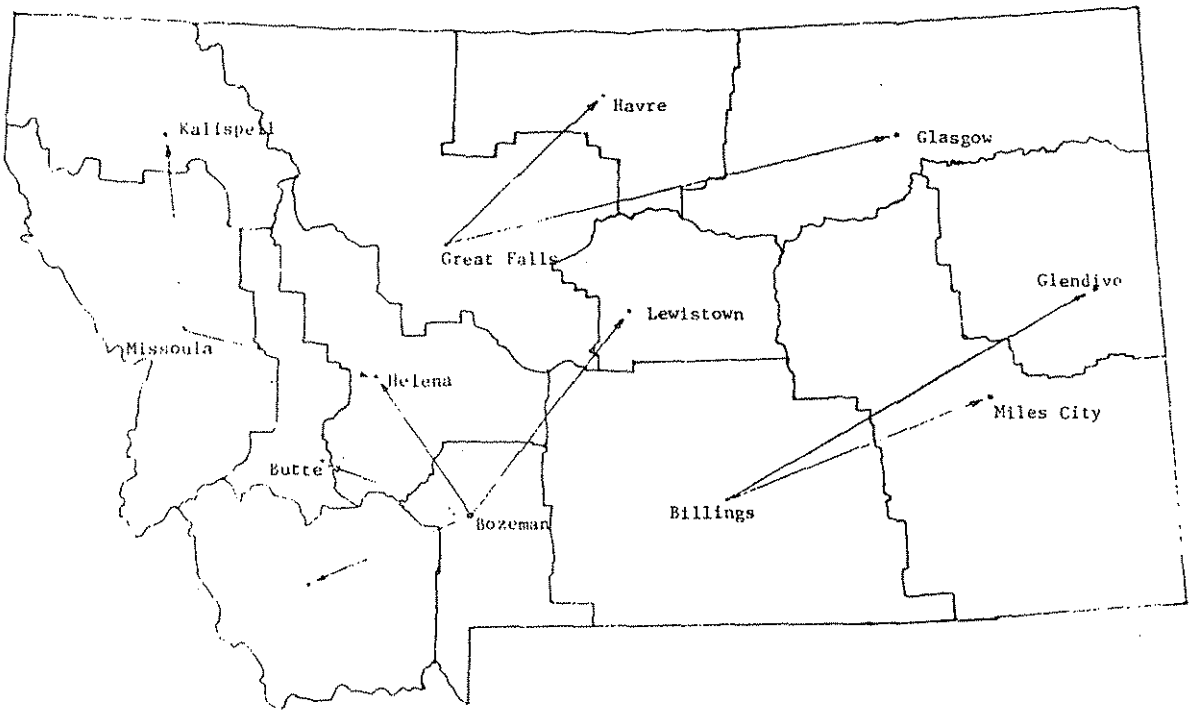

Figure 5. Optimal Flows of Milk from Plant Locations to Demand Regions.

the present distribution system so that a comparison can be made with the optimum solution.

Milk processing plants are located in ten Montana cities.* The model used to obtain the optimal solution was employed to estimate the least cost flows, and the total processing and transportation costs for the present plant locations.

To obtain a solution for the approximate present situation two simplifying assumptions were made. First, a processing plant located

*The ten are: Billings, Bozeman, Butte, Glendive, Great Falls, Hamilton, Havre, Helena, Kalispell, and Missoula.

Table 4. Quantity of Milk in Gallons Transported from Production Regions to Plant Locations per Week for Optimal Solution.

Producer Region	Plant Location Missoula	Bozeman	Great Falls	Billings	Total
Kalispell	21,100		13,173		34,273
Missoula	115,730				115,730
Butte			15,309		15,309
Bozeman		80,168		39,575	119,743
Helena			8,675		8,675
Great Falls			50,905		50,905
Havre			15,668		15,668
Lewistown				7,711	7,711
Billings				51,443	51,443
Miles City				2,242	2,242
Glendive				6,769	6,769
TOTAL	136,830	80,168	103,730	107,740	428,468

Table 5. Quantity of Milk in Gallons Transported from Plant Locations to Demand Regions per Week for Optimal Solution.

Demand Location	Plant Location				
	Missoula	Bozeman	Great Falls	Billings	Total
Kalispell	37,985				37,985
Missoula	72,254				72,254
Butte		31,365			31,365
Dillon		7,428			7,428
Bozeman		30,252			30,252
Helena	26,591	3,642			30,233
Great Falls			64,750		64,750
Havre			14,881		14,881
Lewistown		7,481			7,481
Billings				78,913	78,913
Miles City				12,448	12,448
Glendive				16,379	16,379
Glasgow			24,099		24,099
TOTAL	136,830	80,168	103,730	107,740	428,468

at Hamilton, only a short distance from Missoula, was assumed to be located in Missoula. Second, for cities in which two plants operated, it was assumed that only one plant existed; the hypothetical plant processing the sum of the two actual plants. This assumption was made for Kalispell, Missoula, and Billings. Therefore, although 12 plants operate in ten Montana cities it was assumed that nine plants operated, one each, in nine cities.

Total costs for the present situation were estimated to be $170,303 per week, $21,000 more than for the optimum solution. In the optimal solution the same amount of milk is processed and transported at an annual cost of $1,000,000 less than the present system.

Costs with Respect to Plant Numbers

The third objective of the study was to estimate a total cost curve with respect to plant numbers.

Stollsteimer [11] in his classic article "A Working Model for Plant Numbers and Locations" described the solution for the optimal number of plants as being the minimum of the summation of processing costs and transportation costs. As the number of plants increase transportation costs fall as long routes are eliminated. However, as the number of plants increase and each plant processes less milk, processing costs increase as size economies are eliminated. Theoretically, the total processing and transporation curve with respect

to plant numbers should be U-shaped. At first total costs decline as lower transportation costs outweigh increased processing costs, but eventually increasing plant numbers cause costs to rise as increases in processing costs begin to exceed decreased transportation costs. This relationship is presented in Figure 6.

The model developed in chapter two was used to estimate this cost-plant number relationship for Montana. An equality constraint was added so that minimum total costs could be estimated for different plant numbers. The model was run forcing an optimal one plant solution, then an optimal two plant solution, and so on up to an eleven plant solution.

The optimal one plant solution cost $171,055. Costs continue to fall and are minimized for the four plant solution, the optimal solution. Costs continually rise from five plants ($153,745) to eleven plants ($177,350). The total cost curve with respect to plant numbers is presented in Figure 7. The optimal locations for each solution are presented in Table 6.

Summary

In this chapter the results of the study were presented. It was found that four plants of varying size minimized total transportation and processing cost; the plants were located in Missoula, Bozeman,

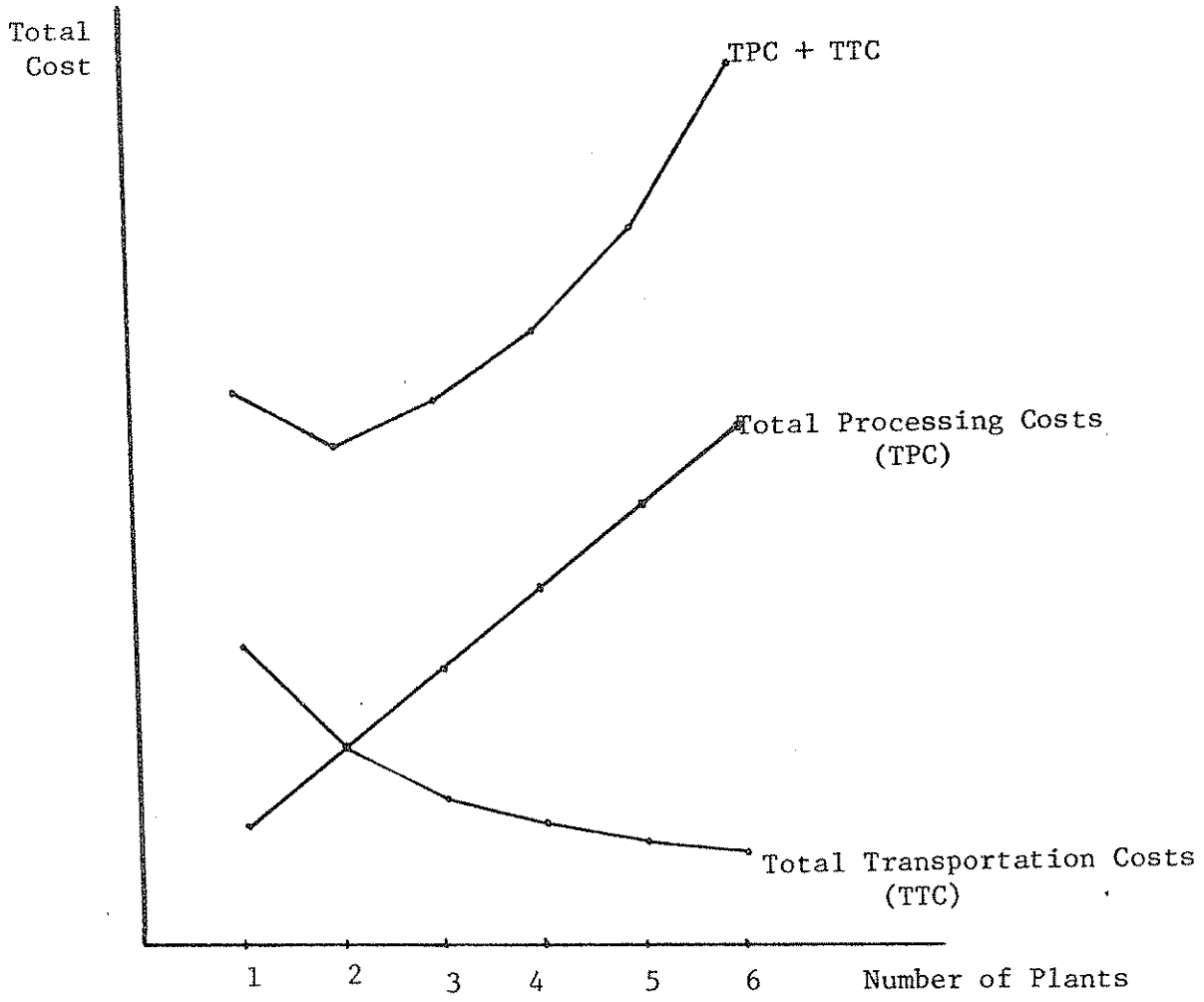

Figure 6. Total Processing and Transportation Costs with Respect to Plant Numbers

Source: Stollsteimer, John F., "A Working Model for Plant Numbers and Locations" Journal of Farm Economics, Vol. 45, No. 4, Aug. 1963, p. 637.

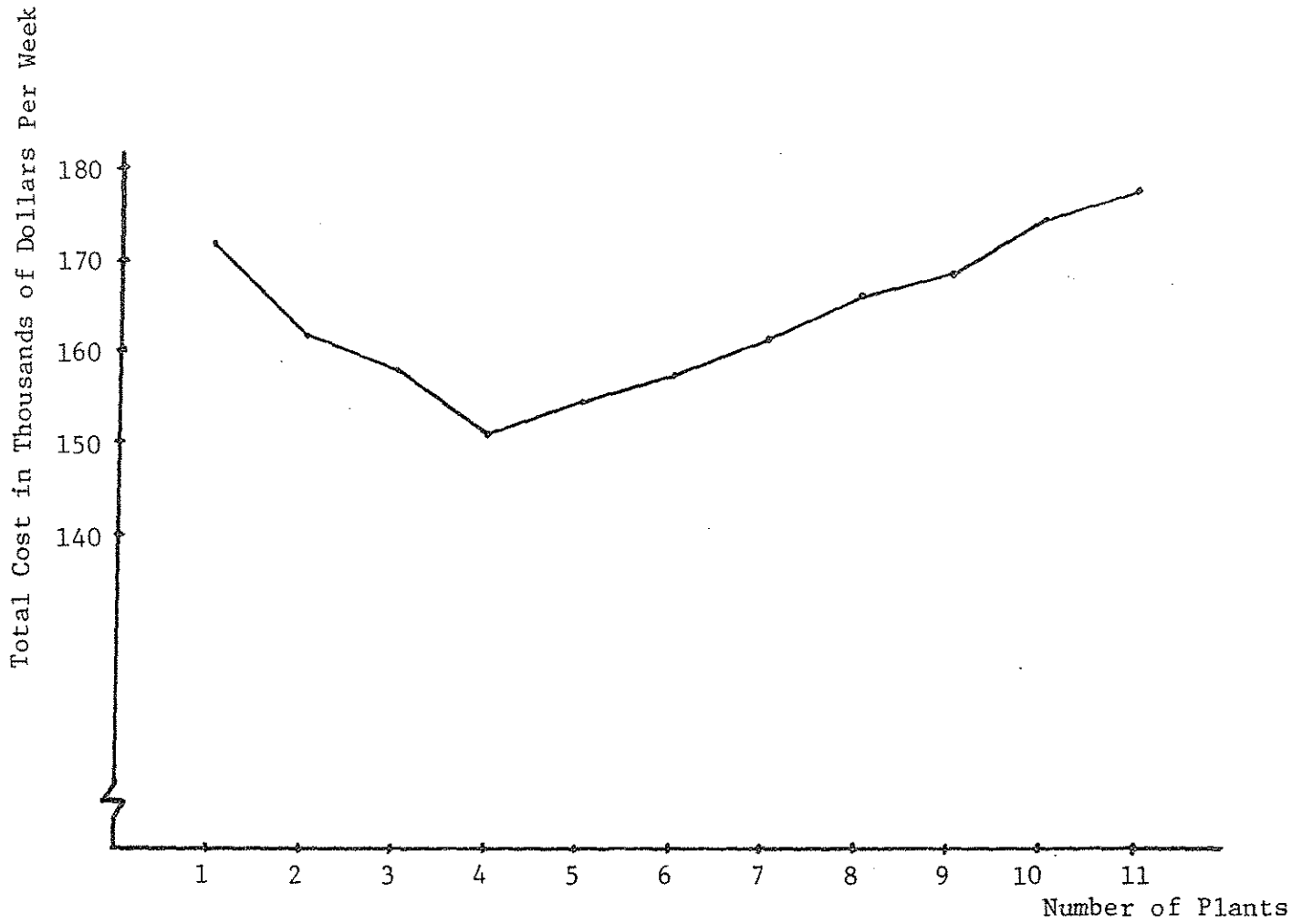

Figure 7. Total Cost Curve with Respect to Plant Numbers

Table 6. Optimum Solutions Under Varying Plant Numbers.

Number of Plants	Quantity of Milk in Gallons Processed at Each Location											
	Kalispell	Missoula	Butte	Bozeman	Helena	Great Falls	Havre	Lewistown	Billings	Miles City	Glendive	Total Cost
1	NP [a/]	NP	NP	NP	NP	428,468	NP	NP	NP	NP	NP	$171,055
2	NP	NP	NP	NP	NP	258,896	NP	NP	169,572	NP	NP	160,509
3	NP	NP	NP	99,278	NP	221,450	NP	NP	107,740	NP	NP	157,949
4	NP	136,830	NP	80,168	NP	103,730	NP	NP	107,740	NP	NP	149,225
5	37,985	112,018	NP	104,152	NP	NP	66,573	NP	107,740	NP	NP	153,745
6	37,985	102,487	69,045	NP	NP	64,750	38,980	NP	115,221	NP	NP	156,473
7	37,985	112,018	NP	76,526	55,219	NP	38,980	NP	78,913	28,827	NP	160,800
8	37,985	102,487	41,365	113,218	NP	64,750	15,668	34,168	NP	NP	28,827	165,419
9	37,985	91,924	NP	49,375	30,233	64,750	15,668	30,793	78,913	28,827	NP	168,155
10	37,985	112,018	31,365	37,680	55,219	NP	38,980	7,481	78,913	12,448	16,379	174,986
11	37,985	72,254	31,365	37,680	30,233	64,750	15,668	30,793	78,913	12,448	16,379	177,350

[a/] Indicates no plant in final solution.

Great Falls, and Billings. Missoula's plant processed the most milk, Bozeman's the least. The optimal solution cost approximately $149,000.

Distributing milk within the present system was estimated to cost approximately $170,000. Greater economies of size were probably credited to the present system than actually exist. Attributing greater economies of size than actually exist implies that the cost estimate for the present system is a relatively low estimate, all else constant. The estimate for the present system that could correct for this problem would be of a higher absolute value since processing costs would be greater than estimated.

Finally, a total cost curve with respect to plant numbers was estimated. The cost curve was U-shaped, its minimum point at four plants.

Chapter 4

CONCLUSIONS, IMPLICATIONS AND LIMITATIONS

Conclusions

The objectives of the thesis were: (1) assuming no present facilities or under long run equilibrium conditions estimate the size, number and location of processing plants which minimizes the combined transportation and processing costs; (2) compare this minimum cost solution to the present distribution system; and (3) estimate the total processing and transportation cost curve with respect to plant numbers.

A mixed integer linear programming model was used to solve for the optimum number, size and location of milk processing plants within Montana. The mixed integer linear programming model was selected for theoretical reasons based on the Stollsteimer [11] location model and on the French, et al. [5] defense of its functional form. The model was also chosen for its computation simplicity.

Costs were estimated by adjusting processing costs obtained from the economic engineering approach applied by Fischer, et al. [4]. The transportation costs were estimated using the approach described by Koo [9].

The least cost solution of the model was found to be somewhat

similar to the current situation in Montana even though the number of plants in the minimum cost solution was found to be four, far less than the twelve currently operating within the state. Significant economies of size seems to be the major factor explaining so few plants in the least cost solution. The plants were located in Missoula, Great Falls, Bozeman and Billings. Interestingly, the plant presently in Bozeman is processing approximately the amount of milk indicated by the optimal solution. The two plants in Billings combined process very close to quantity indicated by the optimal solution. The plant at Missoula and the one in Great Falls are currently processing less than that indicated by the optimal solution.

The total cost of the present distribution system was estimated. Total costs were estimated to be $170,303 per week, $21,000 more than the minimum cost solution. The results indicate that movement toward fewer and larger processing plants would result in cost reductions. It was estimated that costs would be lower by approximately $1,000,000 annually if the optimal solution determined by this study existed. This would represent a 12 percent reduction in costs over the present system at current prices.

To gain added insight into the cost comparisons between the four plant solution and the approximated present solution, it is useful to represent costs on a per unit basis. In the optimal solution the

model transports and processes 428,468 gallons of fluid milk per week at a cost of 34.82 cents per gallon. Total costs under the approximated present situation amount of 39.76 cents per gallon. This is a difference of 4.93 cents per gallon.

Finally, a total cost curve with respect to plant numbers was derived. The curve was U-shaped as theoretically expected [11]. Even though number of plants affected cost, increasing the number of plants from the estimated optimum of four to nine increased costs by only 12.7 percent.

Implications

The study provides information regarding expected adjustments in milk processing in Montana. The study indicates the existence of economic incentives to move toward fewer and smaller processing plants. However, the magnitude of possible cost reductions obtainable via reducing the number of plants is small so adjustment may be slow and erratic.

Limitations

As with any quantitative study the results are determined by the model. Cost estimates were based on an economic engineering study, and a mixed integer linear programming model was selected to estimate the optimum solution.

The mixed integer linear programming model is a convenient method of handling the problem of size economies that exist in fluid milk processing. Although theoretically valid, the specified total cost function is an estimation of the actual cost function. The form of the specified function is somewhat inflexible. However, the function appeared to fit the economic engineering cost estimates well.

There are also problems encountered in analyzing the results. The study assumes no existing plants, the objective being to estimate the long run equilibrium. Given present facilities and relatively low estimated benefits from adjustment, adjustment to the optimal solution may be very slow.

The study indicates incentives to move toward fewer processing plants. The study does not evaluate the influence of such an adjustment on the competitiveness of milk processing and resulting economic efficiency implications as discussed by Babb [1].

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APPENDIX

Linear Programming Location Matrix

ROW	COLUMN 1	2	3	4	5	6	7	8
1	.00	5200.00	5200.00	5200.00	5200.00	5200.00	5200.00	5200.00
2	.00	-4300.00	.00	.00	.00	.00	.00	.00
3	.00	.00	-4300.00	.00	.00	.00	.00	.00
4	.00	.00	.00	-4300.00	.00	.00	.00	.00
5	.00	.00	.00	.00	-4300.00	.00	.00	.00
6	.00	.00	.00	.00	.00	-4300.00	.00	.00
7	.00	.00	.00	.00	.00	.00	-4300.00	.00
8	.00	.00	.00	.00	.00	.00	.00	-4300.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	342.73	.00	.00	.00	.00	.00	.00	.00
14	1157.30	.00	.00	.00	.00	.00	.00	.00
15	153.09	.00	.00	.00	.00	.00	.00	.00
16	1197.43	.00	.00	.00	.00	.00	.00	.00
17	86.75	.00	.00	.00	.00	.00	.00	.00
18	509.05	.00	.00	.00	.00	.00	.00	.00
19	156.68	.00	.00	.00	.00	.00	.00	.00
20	77.11	.00	.00	.00	.00	.00	.00	.00
21	514.43	.00	.00	.00	.00	.00	.00	.00
22	23.42	.00	.00	.00	.00	.00	.00	.00
23	67.69	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	379.85	.00	.00	.00	.00	.00	.00	.00
47	722.54	.00	.00	.00	.00	.00	.00	.00
48	313.65	.00	.00	.00	.00	.00	.00	.00
49	74.28	.00	.00	.00	.00	.00	.00	.00
50	302.52	.00	.00	.00	.00	.00	.00	.00
51	302.33	.00	.00	.00	.00	.00	.00	.00
52	647.50	.00	.00	.00	.00	.00	.00	.00
53	148.81	.00	.00	.00	.00	.00	.00	.00
54	74.81	.00	.00	.00	.00	.00	.00	.00
55	789.13	.00	.00	.00	.00	.00	.00	.00
56	124.48	.00	.00	.00	.00	.00	.00	.00
57	163.79	.00	.00	.00	.00	.00	.00	.00
58	240.99	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 9	10	11	12	13	14	15	16
1	5200.00	5200.00	5200.00	5200.00	.00	3.90	7.94	10.72
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	-4300.00	.00	.00	.00	.00	.00	.00	.00
10	.00	-4300.00	.00	.00	.00	.00	.00	.00
11	.00	.00	-4300.00	.00	.00	.00	.00	.00
12	.00	.00	.00	-4300.00	.00	.00	.00	.00
13	.00	.00	.00	.00	1.00	.00	.00	.00
14	.00	.00	.00	.00	.00	1.00	.00	.00
15	.00	.00	.00	.00	.00	.00	1.00	.00
16	.00	.00	.00	.00	.00	.00	.00	1.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	-1.00	-1.00	-1.00	-1.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	17	18	19	20	21	22	23	24
1	7.77	7.74	8.86	11.30	15.17	18.49	19.34	3.90
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	1.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	1.00	.00	.00	.00	.00	.00	.00	.00
18	.00	1.00	.00	.00	.00	.00	.00	.00
19	.00	.00	1.00	.00	.00	.00	.00	.00
20	.00	.00	.00	1.00	.00	.00	.00	.00
21	.00	.00	.00	.00	1.00	.00	.00	.00
22	.00	.00	.00	.00	.00	1.00	.00	.00
23	.00	.00	.00	.00	.00	.00	1.00	.00
24	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	.00
25	.00	.00	.00	.00	.00	.00	.00	-1.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

COLUMN

ROW	25	26	27	28	29	30	31	32
1	.00	4.04	6.19	3.87	5.70	9.53	9.26	11.47
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	1.00	.00	.00	.00	.00	.00	.00	.00
15	.00	1.00	.00	.00	.00	.00	.00	.00
16	.00	.00	1.00	.00	.00	.00	.00	.00
17	.00	.00	.00	1.00	.00	.00	.00	.00
18	.00	.00	.00	.00	1.00	.00	.00	.00
19	.00	.00	.00	.00	.00	1.00	.00	.00
20	.00	.00	.00	.00	.00	.00	1.00	.00
21	.00	.00	.00	.00	.00	.00	.00	1.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 33	34	35	36	37	38	39	40
1	15.61	17.61	7.94	4.04	.00	2.78	2.17	5.19
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	1.00	.00	.00	.00	.00	.00
14	.00	.00	.00	1.00	.00	.00	.00	.00
15	.00	.00	.00	.00	1.00	.00	.00	.00
16	.00	.00	.00	.00	.00	1.00	.00	.00
17	.00	.00	.00	.00	.00	.00	1.00	.00
18	.00	.00	.00	.00	.00	.00	.00	1.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	1.00	.00	.00	.00	.00	.00	.00	.00
23	.00	1.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	-1.00	-1.00	.00	.00	.00	.00	.00	.00
26	.00	.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	41	42	43	44	45	46	47	48
1	9.03	7.97	7.63	12.55	15.17	10.72	6.82	2.78
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	1.00	.00	.00
14	.00	.00	.00	.00	.00	.00	1.00	.00
15	.00	.00	.00	.00	.00	.00	.00	1.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	1.00	.00	.00	.00	.00	.00	.00	.00
20	.00	1.00	.00	.00	.00	.00	.00	.00
21	.00	.00	1.00	.00	.00	.00	.00	.00
22	.00	.00	.00	1.00	.00	.00	.00	.00
23	.00	.00	.00	.00	1.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	-1.00	-1.00	-1.00	-1.00	-1.00	.00	.00	.00
27	.00	.00	.00	.00	.00	-1.00	-1.00	-1.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	49	50	51	52	53	54	55	56
1	.00	3.22	6.24	10.08	5.53	4.85	9.77	12.38
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	1.00	.00	.00	.00	.00	.00	.00	.00
17	.00	1.00	.00	.00	.00	.00	.00	.00
18	.00	.00	1.00	.00	.00	.00	.00	.00
19	.00	.00	.00	1.00	.00	.00	.00	.00
20	.00	.00	.00	.00	1.00	.00	.00	.00
21	.00	.00	.00	.00	.00	1.00	.00	.00
22	.00	.00	.00	.00	.00	.00	1.00	.00
23	.00	.00	.00	.00	.00	.00	.00	1.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

COLUMN

ROW	57	58	59	60	61	62	63	64
1	7.77	3.87	2.17	3.22	.00	3.02	6.85	6.38
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	1.00	.00	.00	.00	.00	.00	.00	.00
14	.00	1.00	.00	.00	.00	.00	.00	.00
15	.00	.00	1.00	.00	.00	.00	.00	.00
16	.00	.00	.00	1.00	.00	.00	.00	.00
17	.00	.00	.00	.00	1.00	.00	.00	.00
18	.00	.00	.00	.00	.00	1.00	.00	.00
19	.00	.00	.00	.00	.00	.00	1.00	.00
20	.00	.00	.00	.00	.00	.00	.00	1.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	65	66	67	68	69	70	71	72
1	7.60	11.74	14.35	7.74	5.70	5.19	6.24	3.02
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	1.00	.00	.00	.00	.00
14	.00	.00	.00	.00	1.00	.00	.00	.00
15	.00	.00	.00	.00	.00	1.00	.00	.00
16	.00	.00	.00	.00	.00	.00	1.00	.00
17	.00	.00	.00	.00	.00	.00	.00	1.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	1.00	.00	.00	.00	.00	.00	.00	.00
22	.00	1.00	.00	.00	.00	.00	.00	.00
23	.00	.00	1.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	-1.00	-1.00	-1.00	.00	.00	.00	.00	.00
29	.00	.00	.00	-1.00	-1.00	-1.00	-1.00	-1.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 73	74	75	76	77	78	79	80
1	.00	3.83	3.56	7.43	10.76	11.91	8.86	9.53
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	1.00	.00
14	.00	.00	.00	.00	.00	.00	.00	1.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	1.00	.00	.00	.00	.00	.00	.00	.00
19	.00	1.00	.00	.00	.00	.00	.00	.00
20	.00	.00	1.00	.00	.00	.00	.00	.00
21	.00	.00	.00	1.00	.00	.00	.00	.00
22	.00	.00	.00	.00	1.00	.00	.00	.00
23	.00	.00	.00	.00	.00	1.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	.00	.00
30	.00	.00	.00	.00	.00	.00	-1.00	-1.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	81	82	83	84	85	86	87	88
1	9.03	10.08	6.85	3.83	.00	5.94	8.48	11.33
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	1.00	.00	.00	.00	.00	.00	.00	.00
16	.00	1.00	.00	.00	.00	.00	.00	.00
17	.00	.00	1.00	.00	.00	.00	.00	.00
18	.00	.00	.00	1.00	.00	.00	.00	.00
19	.00	.00	.00	.00	1.00	.00	.00	.00
20	.00	.00	.00	.00	.00	1.00	.00	.00
21	.00	.00	.00	.00	.00	.00	1.00	.00
22	.00	.00	.00	.00	.00	.00	.00	1.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 89	90	91	92	93	94	95	96
1	10.48	11.30	9.26	7.97	5.53	6.38	3.56	5.94
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	1.00	.00	.00	.00	.00	.00	.00
14	.00	.00	1.00	.00	.00	.00	.00	.00
15	.00	.00	.00	1.00	.00	.00	.00	.00
16	.00	.00	.00	.00	1.00	.00	.00	.00
17	.00	.00	.00	.00	.00	1.00	.00	.00
18	.00	.00	.00	.00	.00	.00	1.00	.00
19	.00	.00	.00	.00	.00	.00	.00	1.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	1.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	-1.00	.00	.00	.00	.00	.00	.00	.00
31	.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 97	98	99	100	101	102	103	104
1	.00	3.34	7.19	8.35	15.17	11.47	7.63	4.85
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	1.00	.00	.00	.00
14	.00	.00	.00	.00	.00	1.00	.00	.00
15	.00	.00	.00	.00	.00	.00	1.00	.00
16	.00	.00	.00	.00	.00	.00	.00	1.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	1.00	.00	.00	.00	.00	.00	.00	.00
21	.00	1.00	.00	.00	.00	.00	.00	.00
22	.00	.00	1.00	.00	.00	.00	.00	.00
23	.00	.00	.00	1.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	-1.00	-1.00	-1.00	-1.00	.00	.00	.00	.00
32	.00	.00	.00	.00	-1.00	-1.00	-1.00	-1.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

COLUMN

ROW	105	106	107	108	109	110	111	112
1	7.60	7.43	8.48	3.34	.00	4.92	7.53	18.49
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	1.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	1.00	.00	.00	.00	.00	.00	.00	.00
18	.00	1.00	.00	.00	.00	.00	.00	.00
19	.00	.00	1.00	.00	.00	.00	.00	.00
20	.00	.00	.00	1.00	.00	.00	.00	.00
21	.00	.00	.00	.00	1.00	.00	.00	.00
22	.00	.00	.00	.00	.00	1.00	.00	.00
23	.00	.00	.00	.00	.00	.00	1.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	.00
33	.00	.00	.00	.00	.00	.00	.00	-1.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 113	114	115	116	117	118	119	120
1	15.61	12.55	9.77	11.74	10.76	11.33	7.19	4.92
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	1.00	.00	.00	.00	.00	.00	.00	.00
15	.00	1.00	.00	.00	.00	.00	.00	.00
16	.00	.00	1.00	.00	.00	.00	.00	.00
17	.00	.00	.00	1.00	.00	.00	.00	.00
18	.00	.00	.00	.00	1.00	.00	.00	.00
19	.00	.00	.00	.00	.00	1.00	.00	.00
20	.00	.00	.00	.00	.00	.00	1.00	.00
21	.00	.00	.00	.00	.00	.00	.00	1.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	121	122	123	124	125	126	127	128
1	.00	2.65	19.34	17.61	15.17	12.38	14.35	11.91
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	1.00	.00	.00	.00	.00	.00
14	.00	.00	.00	1.00	.00	.00	.00	.00
15	.00	.00	.00	.00	1.00	.00	.00	.00
16	.00	.00	.00	.00	.00	1.00	.00	.00
17	.00	.00	.00	.00	.00	.00	1.00	.00
18	.00	.00	.00	.00	.00	.00	.00	1.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	1.00	.00	.00	.00	.00	.00	.00	.00
23	.00	1.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	-1.00	-1.00	.00	.00	.00	.00	.00	.00
34	.00	.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	129	130	131	132	133	134	135	136
1	10.48	8.35	7.53	2.65	.00	25.80	25.80	25.80
2	.00	.00	.00	.00	.00	1.00	.00	.00
3	.00	.00	.00	.00	.00	.00	1.00	.00
4	.00	.00	.00	.00	.00	.00	.00	1.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	1.00	.00	.00	.00	.00	.00	.00	.00
20	.00	1.00	.00	.00	.00	.00	.00	.00
21	.00	.00	1.00	.00	.00	.00	.00	.00
22	.00	.00	.00	1.00	.00	.00	.00	.00
23	.00	.00	.00	.00	1.00	.00	.00	.00
24	.00	.00	.00	.00	.00	1.00	.00	.00
25	.00	.00	.00	.00	.00	.00	1.00	.00
26	.00	.00	.00	.00	.00	.00	.00	1.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	-1.00	-1.00	-1.00	-1.00	-1.00	.00	.00	.00
35	.00	.00	.00	.00	.00	-1.00	.00	.00
36	.00	.00	.00	.00	.00	.00	-1.00	.00
37	.00	.00	.00	.00	.00	.00	.00	-1.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	137	138	139	140	141	142	143	144
1	25.80	25.80	25.80	25.80	25.80	25.80	25.80	25.80
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	1.00	.00	.00	.00	.00	.00	.00	.00
6	.00	1.00	.00	.00	.00	.00	.00	.00
7	.00	.00	1.00	.00	.00	.00	.00	.00
8	.00	.00	.00	1.00	.00	.00	.00	.00
9	.00	.00	.00	.00	1.00	.00	.00	.00
10	.00	.00	.00	.00	.00	1.00	.00	.00
11	.00	.00	.00	.00	.00	.00	1.00	.00
12	.00	.00	.00	.00	.00	.00	.00	1.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	1.00	.00	.00	.00	.00	.00	.00	.00
28	.00	1.00	.00	.00	.00	.00	.00	.00
29	.00	.00	1.00	.00	.00	.00	.00	.00
30	.00	.00	.00	1.00	.00	.00	.00	.00
31	.00	.00	.00	.00	1.00	.00	.00	.00
32	.00	.00	.00	.00	.00	1.00	.00	.00
33	.00	.00	.00	.00	.00	.00	1.00	.00
34	.00	.00	.00	.00	.00	.00	.00	1.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	-1.00	.00	.00	.00	.00	.00	.00	.00
39	.00	-1.00	.00	.00	.00	.00	.00	.00
40	.00	.00	-1.00	.00	.00	.00	.00	.00
41	.00	.00	.00	-1.00	.00	.00	.00	.00
42	.00	.00	.00	.00	-1.00	.00	.00	.00
43	.00	.00	.00	.00	.00	-1.00	.00	.00
44	.00	.00	.00	.00	.00	.00	-1.00	.00
45	.00	.00	.00	.00	.00	.00	.00	-1.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	145	146	147	148	149	150	151	152
1	.00	5.12	10.42	12.73	14.07	10.20	10.15	11.62
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	1.00	.00	.00	.00	.00	.00	.00	.00
47	.00	1.00	.00	.00	.00	.00	.00	.00
48	.00	.00	1.00	.00	.00	.00	.00	.00
49	.00	.00	.00	1.00	.00	.00	.00	.00
50	.00	.00	.00	.00	1.00	.00	.00	.00
51	.00	.00	.00	.00	.00	1.00	.00	.00
52	.00	.00	.00	.00	.00	.00	1.00	.00
53	.00	.00	.00	.00	.00	.00	.00	1.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	153	154	155	156	157	158	159	160
1	14.83	19.90	24.26	25.38	18.66	5.12	.00	5.30
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	1.00	1.00	1.00	1.00	1.00	.00	.00	.00
36	.00	.00	.00	.00	.00	1.00	1.00	1.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	1.00	.00	.00
47	.00	.00	.00	.00	.00	.00	1.00	.00
48	.00	.00	.00	.00	.00	.00	.00	1.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	1.00	.00	.00	.00	.00	.00	.00	.00
55	.00	1.00	.00	.00	.00	.00	.00	.00
56	.00	.00	1.00	.00	.00	.00	.00	.00
57	.00	.00	.00	1.00	.00	.00	.00	.00
58	.00	.00	.00	.00	1.00	.00	.00	.00

	COLUMN							
ROW	161	162	163	164	165	166	167	168
1	7.61	8.95	5.08	7.48	12.51	12.16	15.05	20.48
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	1.00	.00	.00	.00	.00	.00	.00	.00
50	.00	1.00	.00	.00	.00	.00	.00	.00
51	.00	.00	1.00	.00	.00	.00	.00	.00
52	.00	.00	.00	1.00	.00	.00	.00	.00
53	.00	.00	.00	.00	1.00	.00	.00	.00
54	.00	.00	.00	.00	.00	1.00	.00	.00
55	.00	.00	.00	.00	.00	.00	1.00	.00
56	.00	.00	.00	.00	.00	.00	.00	1.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 169	170	171	172	173	174	175	176
1	23.11	19.55	10.42	5.30	.00	2.94	3.65	2.85
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	1.00	1.00	.00	.00	.00	.00	.00	.00
37	.00	.00	1.00	1.00	1.00	1.00	1.00	1.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	1.00	.00	.00	.00	.00	.00
47	.00	.00	.00	1.00	.00	.00	.00	.00
48	.00	.00	.00	.00	1.00	.00	.00	.00
49	.00	.00	.00	.00	.00	1.00	.00	.00
50	.00	.00	.00	.00	.00	.00	1.00	.00
51	.00	.00	.00	.00	.00	.00	.00	1.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	1.00	.00	.00	.00	.00	.00	.00	.00
58	.00	1.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	177	178	179	180	181	182	183	184
1	6.81	11.84	10.46	10.02	16.47	19.90	18.88	14.07
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.00
38	.00	.00	.00	.00	.00	.00	.00	1.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	1.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	1.00	.00	.00	.00	.00	.00	.00	.00
53	.00	1.00	.00	.00	.00	.00	.00	.00
54	.00	.00	1.00	.00	.00	.00	.00	.00
55	.00	.00	.00	1.00	.00	.00	.00	.00
56	.00	.00	.00	.00	1.00	.00	.00	.00
57	.00	.00	.00	.00	.00	1.00	.00	.00
58	.00	.00	.00	.00	.00	.00	1.00	.00

ROW	COLUMN 185	186	187	188	189	190	191	192
1	8.95	3.65	4.94	.00	4.23	8.19	13.22	7.26
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	1.00	.00	.00	.00	.00	.00	.00	.00
48	.00	1.00	.00	.00	.00	.00	.00	.00
49	.00	.00	1.00	.00	.00	.00	.00	.00
50	.00	.00	.00	1.00	.00	.00	.00	.00
51	.00	.00	.00	.00	1.00	.00	.00	.00
52	.00	.00	.00	.00	.00	1.00	.00	.00
53	.00	.00	.00	.00	.00	.00	1.00	.00
54	.00	.00	.00	.00	.00	.00	.00	1.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	193	194	195	196	197	198	199	200
1	6.37	12.82	16.25	16.34	10.20	5.08	2.85	5.39
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	1.00	1.00	1.00	1.00	.00	.00	.00	.00
39	.00	.00	.00	.00	1.00	1.00	1.00	1.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	1.00	.00	.00	.00
47	.00	.00	.00	.00	.00	1.00	.00	.00
48	.00	.00	.00	.00	.00	.00	1.00	.00
49	.00	.00	.00	.00	.00	.00	.00	1.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	1.00	.00	.00	.00	.00	.00	.00	.00
56	.00	1.00	.00	.00	.00	.00	.00	.00
57	.00	.00	1.00	.00	.00	.00	.00	.00
58	.00	.00	.00	1.00	.00	.00	.00	.00

	COLUMN							
ROW	201	202	203	204	205	206	207	208
1	4.23	.00	3.96	8.99	8.37	9.97	15.41	18.83
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	1.00	.00	.00	.00	.00	.00	.00	.00
51	.00	1.00	.00	.00	.00	.00	.00	.00
52	.00	.00	1.00	.00	.00	.00	.00	.00
53	.00	.00	.00	1.00	.00	.00	.00	.00
54	.00	.00	.00	.00	1.00	.00	.00	.00
55	.00	.00	.00	.00	.00	1.00	.00	.00
56	.00	.00	.00	.00	.00	.00	1.00	.00
57	.00	.00	.00	.00	.00	.00	.00	1.00
58	.00	.00	.00	.00	.00	.00	.00	.00

COLUMN

ROW	209	210	211	212	213	214	215	216
1	16.03	10.15	7.48	6.81	9.35	8.19	3.96	.00
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	1.00	.00	.00	.00	.00	.00	.00	.00
40	.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	1.00	.00	.00	.00	.00	.00	.00
47	.00	.00	1.00	.00	.00	.00	.00	.00
48	.00	.00	.00	1.00	.00	.00	.00	.00
49	.00	.00	.00	.00	1.00	.00	.00	.00
50	.00	.00	.00	.00	.00	1.00	.00	.00
51	.00	.00	.00	.00	.00	.00	1.00	.00
52	.00	.00	.00	.00	.00	.00	.00	1.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	1.00	.00	.00	.00	.00	.00	.00	.00

ROW	COLUMN 217	218	219	220	221	222	223	224
1	5.03	4.68	9.75	14.11	15.63	12.07	11.62	12.51
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	1.00	1.00	1.00	1.00	1.00	1.00	.00	.00
41	.00	.00	.00	.00	.00	.00	1.00	1.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	1.00	.00
47	.00	.00	.00	.00	.00	.00	.00	1.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	1.00	.00	.00	.00	.00	.00	.00	.00
54	.00	1.00	.00	.00	.00	.00	.00	.00
55	.00	.00	1.00	.00	.00	.00	.00	.00
56	.00	.00	.00	1.00	.00	.00	.00	.00
57	.00	.00	.00	.00	1.00	.00	.00	.00
58	.00	.00	.00	.00	.00	1.00	.00	.00

	COLUMN							
ROW	225	226	227	228	229	230	231	232
1	11.84	14.38	13.22	8.99	5.03	.00	7.29	11.13
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	1.00	.00	.00	.00	.00	.00	.00	.00
49	.00	1.00	.00	.00	.00	.00	.00	.00
50	.00	.00	1.00	.00	.00	.00	.00	.00
51	.00	.00	.00	1.00	.00	.00	.00	.00
52	.00	.00	.00	.00	1.00	.00	.00	.00
53	.00	.00	.00	.00	.00	1.00	.00	.00
54	.00	.00	.00	.00	.00	.00	1.00	.00
55	.00	.00	.00	.00	.00	.00	.00	1.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	233	234	235	236	237	238	239	240
1	14.87	13.76	7.04	14.83	12.16	10.46	11.75	7.26
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	1.00	1.00	1.00	.00	.00	.00	.00	.00
42	.00	.00	.00	1.00	1.00	1.00	1.00	1.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	1.00	.00	.00	.00	.00
47	.00	.00	.00	.00	1.00	.00	.00	.00
48	.00	.00	.00	.00	.00	1.00	.00	.00
49	.00	.00	.00	.00	.00	.00	1.00	.00
50	.00	.00	.00	.00	.00	.00	.00	1.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	1.00	.00	.00	.00	.00	.00	.00	.00
57	.00	1.00	.00	.00	.00	.00	.00	.00
58	.00	.00	1.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	241	242	243	244	245	246	247	248
1	8.37	4.68	7.79	.00	5.70	9.44	10.95	9.08
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	1.00	.00	.00	.00	.00	.00	.00	.00
52	.00	1.00	.00	.00	.00	.00	.00	.00
53	.00	.00	1.00	.00	.00	.00	.00	.00
54	.00	.00	.00	1.00	.00	.00	.00	.00
55	.00	.00	.00	.00	1.00	.00	.00	.00
56	.00	.00	.00	.00	.00	1.00	.00	.00
57	.00	.00	.00	.00	.00	.00	1.00	.00
58	.00	.00	.00	.00	.00	.00	.00	1.00

ROW	COLUMN 249	250	251	252	253	254	255	256
1	19.90	15.05	10.02	11.31	6.37	9.97	9.75	11.13
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
44	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	1.00	.00	.00	.00	.00	.00	.00	.00
47	.00	1.00	.00	.00	.00	.00	.00	.00
48	.00	.00	1.00	.00	.00	.00	.00	.00
49	.00	.00	.00	1.00	.00	.00	.00	.00
50	.00	.00	.00	.00	1.00	.00	.00	.00
51	.00	.00	.00	.00	.00	1.00	.00	.00
52	.00	.00	.00	.00	.00	.00	1.00	.00
53	.00	.00	.00	.00	.00	.00	.00	1.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	257	258	259	260	261	262	263	264
1	5.70	.00	6.46	9.88	12.42	24.26	20.48	16.47
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	1.00	1.00	1.00	1.00	1.00	.00	.00	.00
44	.00	.00	.00	.00	.00	1.00	1.00	1.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	1.00	.00	.00
47	.00	.00	.00	.00	.00	.00	1.00	.00
48	.00	.00	.00	.00	.00	.00	.00	1.00
49	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	1.00	.00	.00	.00	.00	.00	.00	.00
55	.00	1.00	.00	.00	.00	.00	.00	.00
56	.00	.00	1.00	.00	.00	.00	.00	.00
57	.00	.00	.00	1.00	.00	.00	.00	.00
58	.00	.00	.00	.00	1.00	.00	.00	.00

	COLUMN							
ROW	265	266	267	268	269	270	271	272
1	17.76	12.82	15.41	14.11	14.87	9.44	6.46	.00
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
45	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00
49	1.00	.00	.00	.00	.00	.00	.00	.00
50	.00	1.00	.00	.00	.00	.00	.00	.00
51	.00	.00	1.00	.00	.00	.00	.00	.00
52	.00	.00	.00	1.00	.00	.00	.00	.00
53	.00	.00	.00	.00	1.00	.00	.00	.00
54	.00	.00	.00	.00	.00	1.00	.00	.00
55	.00	.00	.00	.00	.00	.00	1.00	.00
56	.00	.00	.00	.00	.00	.00	.00	1.00
57	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00

	COLUMN							
ROW	273	274	275	276	277	278	279	280
1	3.47	8.77	25.38	23.11	19.90	21.19	16.25	18.83
2	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00
44	1.00	1.00	.00	.00	.00	.00	.00	.00
45	.00	.00	1.00	1.00	1.00	1.00	1.00	1.00
46	.00	.00	1.00	.00	.00	.00	.00	.00
47	.00	.00	.00	1.00	.00	.00	.00	.00
48	.00	.00	.00	.00	1.00	.00	.00	.00
49	.00	.00	.00	.00	.00	1.00	.00	.00
50	.00	.00	.00	.00	.00	.00	1.00	.00
51	.00	.00	.00	.00	.00	.00	.00	1.00
52	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00
57	1.00	.00	.00	.00	.00	.00	.00	.00
58	.00	1.00	.00	.00	.00	.00	.00	.00

	COLUMN						
ROW	281	282	283	284	285	286	287
1	15.63	13.76	10.95	9.88	3.47	.00	6.72
2	.00	.00	.00	.00	.00	.00	00
3	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00	.00	.00
31	.00	.00	.00	.00	.00	.00	.00
32	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00
45	1.00	1.00	1.00	1.00	1.00	1.00	1.00
46	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00
52	1.00	.00	.00	.00	.00	.00	.00
53	.00	1.00	.00	.00	.00	.00	.00
54	.00	.00	1.00	.00	.00	.00	.00
55	.00	.00	.00	1.00	.00	.00	.00
56	.00	.00	.00	.00	1.00	.00	.00
57	.00	.00	.00	.00	.00	1.00	.00
58	.00	.00	.00	.00	.00	.00	1.00