

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = AU Unit = PPB N = 28

Mean = 55.536 Min = 25.000 1st Quartile = 35.000
 Std. Dev. = 41.306 Max = 230.000 Median = 45.000
 CV % = 74.377 Skewness = 2.869 3rd Quartile = 65.000

=====

%	cum %	cls int	(# of bins = 15 - bin size = 14.643)
0.00	1.72	17.679	
25.00	25.86	32.321	*****
35.71	60.34	46.964	*****
14.29	74.14	61.607	****
7.14	81.03	76.250	**
7.14	87.93	90.893	**
3.57	91.38	105.536	*
3.57	94.83	120.179	*
0.00	94.83	134.821	
0.00	94.83	149.464	
0.00	94.83	164.107	
0.00	94.83	178.750	
0.00	94.83	193.393	
0.00	94.83	208.036	
0.00	94.83	222.679	
3.57	98.28	237.321	*

0 1 2 3 4

#####

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = AU Unit = PPB N = 414
 Mean = 9.599 Min = 5.000 1st Quartile = 5.000
 Std. Dev. = 16.562 Max = 230.000 Median = 5.000
 CV % = 172.541 Skewness = 7.729 3rd Quartile = 5.000

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%	cum %	cls int	(# of bins = 27 - bin size = 8.654)
0.00	0.12	0.673	
77.54	77.47	9.327	***** --> 144
13.77	91.20	17.981	*****
2.42	93.61	26.635	****
2.66	96.27	35.288	*****
0.00	96.27	43.942	
1.45	97.71	52.596	***
0.48	98.19	61.250	*
0.24	98.43	69.904	
0.24	98.67	78.558	
0.48	99.16	87.212	*
0.00	99.16	95.865	
0.24	99.40	104.519	
0.00	99.40	113.173	
0.24	99.64	121.827	
0.00	99.64	130.481	
0.00	99.64	139.135	
0.00	99.64	147.788	
0.00	99.64	156.442	
0.00	99.64	165.096	
0.00	99.64	173.750	
0.00	99.64	182.404	
0.00	99.64	191.058	
0.00	99.64	199.712	
0.00	99.64	208.365	
0.00	99.64	217.019	
0.00	99.64	225.673	
0.24	99.88	234.327	

 0 1 2 3 4

Each "*" represents approximately 2.2 observations.

#####

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = AG Unit = PPM N = 414
 Mean = 0.726 Min = 0.100 1st Quartile = 0.600
 Std. Dev. = 0.287 Max = 1.900 Median = 0.700
 CV % = 39.563 Skewness = 0.020 3rd Quartile = 0.900

%	cum %	cls int	(# of bins = 27 - bin size = 0.069)
0.00	0.12	0.065	
7.25	7.35	0.135	*****
0.24	7.59	0.204	
0.00	7.59	0.273	
1.21	8.80	0.342	**
4.83	13.61	0.412	*****
0.00	13.61	0.481	
8.45	22.05	0.550	*****
10.87	32.89	0.619	*****
0.00	32.89	0.688	
19.57	52.41	0.758	*****
18.60	70.96	0.827	*****
0.00	70.96	0.896	
10.14	81.08	0.965	*****
9.42	90.48	1.035	*****
4.35	94.82	1.104	*****
0.00	94.82	1.173	
1.69	96.51	1.242	***
1.69	98.19	1.312	***
0.00	98.19	1.381	
0.48	98.67	1.450	*
0.72	99.40	1.519	*
0.00	99.40	1.588	
0.00	99.40	1.658	
0.00	99.40	1.727	
0.00	99.40	1.796	
0.00	99.40	1.865	
0.48	99.88	1.935	*

0 1 2 3 4

Each "*" represents approximately 2.2 observations.

#####

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AG Unit = PPM N = 414

Mean = -0.1938 Min = -1.0000 1st Quartile = -0.2218
 Std. Dev. = 0.2607 Max = 0.2788 Median = -0.1549
 CV % = 134.4880 Skewness = -2.0121 3rd Quartile = -0.0458

Anti-Log Mean = 0.640 Anti-Log Std. Dev. : (-) 0.351
 (+) 1.166

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%	cum %	antilog	cls int	(# of bins = 27 - bin size = 0.0492)
0.00	0.12	0.094	-1.0246	
7.25	7.35	0.106	-0.9754	*****
0.00	7.35	0.119	-0.9262	
0.00	7.35	0.133	-0.8770	
0.00	7.35	0.149	-0.8279	
0.00	7.35	0.166	-0.7787	
0.00	7.35	0.186	-0.7295	
0.24	7.59	0.209	-0.6803	
0.00	7.59	0.234	-0.6311	
0.00	7.59	0.262	-0.5819	
0.00	7.59	0.293	-0.5328	
1.21	8.80	0.328	-0.4836	**
0.00	8.80	0.368	-0.4344	
4.83	13.61	0.412	-0.3852	*****
0.00	13.61	0.461	-0.3360	
8.45	22.05	0.517	-0.2868	*****
0.00	22.05	0.579	-0.2377	
10.87	32.89	0.648	-0.1885	*****
19.57	52.41	0.726	-0.1393	*****
18.60	70.96	0.813	-0.0901	*****
10.14	81.08	0.910	-0.0409	*****
9.42	90.48	1.019	0.0082	*****
4.35	94.82	1.141	0.0574	*****
1.69	96.51	1.278	0.1066	***
2.17	98.67	1.432	0.1558	****
0.72	99.40	1.603	0.2050	*
0.00	99.40	1.795	0.2542	
0.48	99.88	2.011	0.3033	*

0 1 2 3 4

Each "*" represents approximately 2.2 observations.

#####

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = AG	Unit =	PPM	N =	376
Mean = 0.777	Min = 0.400	1st Quartile = 0.600		
Std. Dev. = 0.216	Max = 1.500	Median = 0.800		
CV % = 27.737	Skewness = 0.575	3rd Quartile = 0.900		

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%	cum %	cls int	(# of bins = 26 - bin size = 0.044)
0.00	0.13	0.378	
5.32	5.44	0.422	*****
0.00	5.44	0.466	
9.31	14.72	0.510	*****
0.00	14.72	0.554	
0.00	14.72	0.598	
11.97	26.66	0.642	*****
0.00	26.66	0.686	
21.54	48.14	0.730	***** --> 40
0.00	48.14	0.774	
20.48	68.57	0.818	*****
0.00	68.57	0.862	
11.17	79.71	0.906	*****
0.00	79.71	0.950	
0.00	79.71	0.994	
10.37	90.05	1.038	*****
0.00	90.05	1.082	
4.79	94.83	1.126	*****
0.00	94.83	1.170	
1.86	96.68	1.214	****
0.00	96.68	1.258	
1.86	98.54	1.302	****
0.00	98.54	1.346	
0.00	98.54	1.390	
0.53	99.07	1.434	*
0.00	99.07	1.478	
0.80	99.87	1.522	**

0 1 2 3 4

Each "*" represents approximately 2.0 observations.

#####

LOGARITHMIC VALUES

=====

VARIABLE = AG
 UNIT = PPH
 N = 376
 N CI = 26

POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	-0.1510	0.1240	100.0

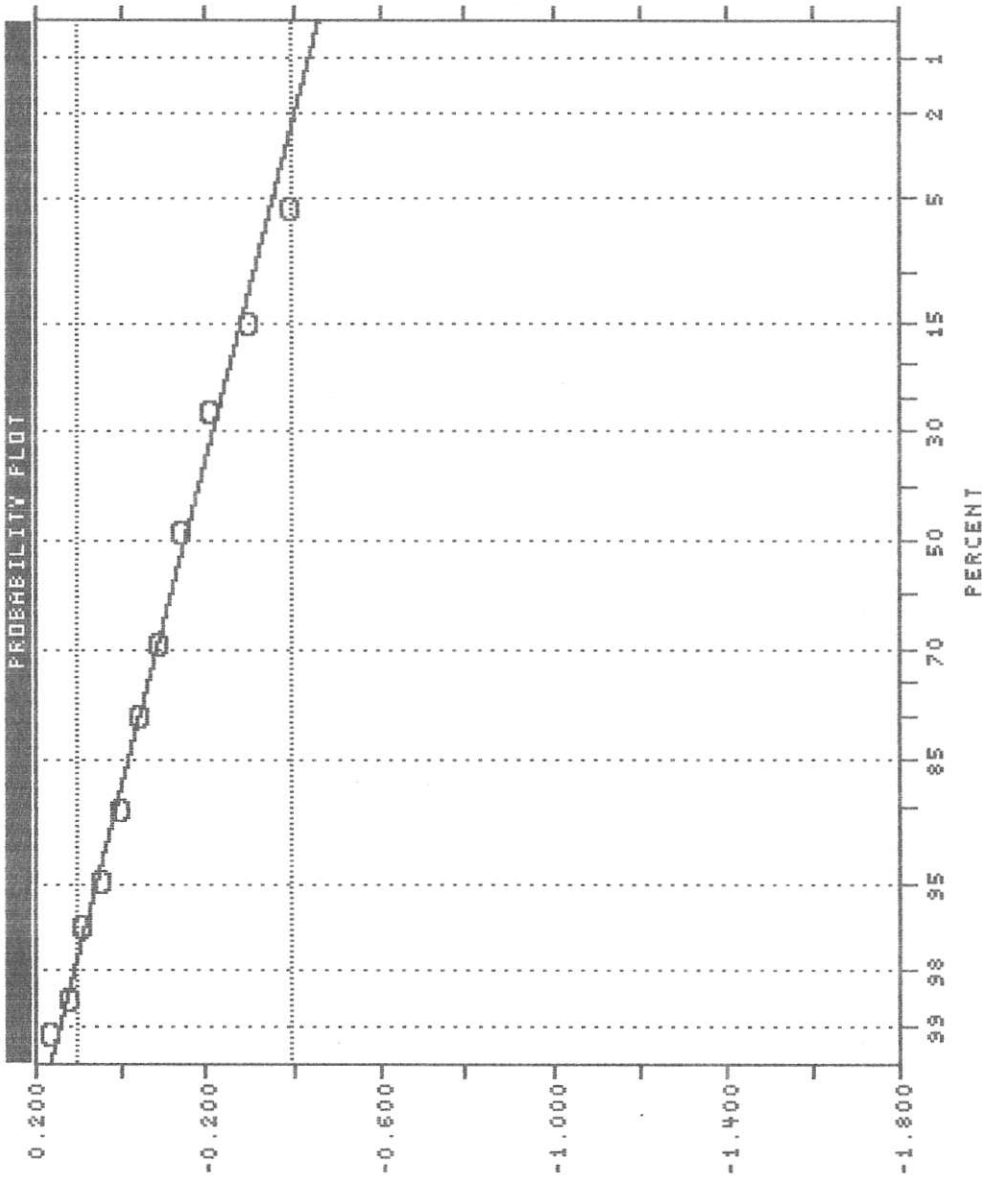
THRESHOLDS

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1	-0.3990	0.0971
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CI CHI SQUARED
 PARAMETER ESTIMATES

TAM NORTH



18:56:02

TAM NORTH

06/22/91

=====

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TAMSOILS.PPL

Variable = AG

Unit = PPM

N = 376

Transform = Logarithmic

Number of Populations = 1

of Missing Observations = 0.

36 Observations Were Below the Minimum Value of 0.3000
2 Observations Were Above the Maximum Value of 1.6000

=====
Class Interval Data Chi Squared Parameter Estimates

<u>Population</u>	<u>Mean</u>	<u>Std Dev</u>	<u>Percentage</u>
1	0.706	- 0.531 + 0.940	100.00

=====
Default Thresholds.

Standard Deviation Multiplier = 2.0

<u>Pop.</u>	<u>Thresholds</u>
1	0.399 1.250

#####

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = BI Unit = PPM N = 414

Mean = 0.7052 Min = -0.5229 1st Quartile = 0.6021
 Std. Dev. = 0.1419 Max = 1.0792 Median = 0.6990
 CV % = 20.1282 Skewness = -2.3764 3rd Quartile = 0.7782

Anti-Log Mean = 5.072 Anti-Log Std. Dev. : (-) 3.658
 (+) 7.032

%	cum %	antilog	cls int	(# of bins = 27 - bin size = 0.0616)	
0.00	0.12	0.279	-0.5537		
0.24	0.36	0.322	-0.4921		
0.00	0.36	0.371	-0.4305		
0.00	0.36	0.428	-0.3688		
0.00	0.36	0.493	-0.3072		
0.00	0.36	0.568	-0.2456		
0.00	0.36	0.655	-0.1840		
0.00	0.36	0.754	-0.1224		
0.00	0.36	0.869	-0.0607		
0.48	0.84	1.002	0.0009	*	
0.00	0.84	1.155	0.0625		
0.00	0.84	1.331	0.1241		
0.00	0.84	1.534	0.1857		
0.00	0.84	1.767	0.2473		
1.69	2.53	2.037	0.3090	***	
0.00	2.53	2.347	0.3706		
0.00	2.53	2.705	0.4322		
4.83	7.35	3.118	0.4938	*****	
0.00	7.35	3.593	0.5554		
19.08	26.39	4.140	0.6170	*****	
0.00	26.39	4.772	0.6787		
33.09	59.40	5.499	0.7403	*****	--> 61
24.40	83.73	6.337	0.8019	*****	--> 45
11.11	94.82	7.303	0.8635	*****	
1.93	96.75	8.417	0.9251	****	
1.93	98.67	9.700	0.9868	****	
0.72	99.40	11.178	1.0484	*	
0.48	99.88	12.882	1.1100	*	

Each "*" represents approximately 2.2 observations.

#####

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = BI Unit = PPM N = 414

Mean = 5.303 Min = 0.300 1st Quartile = 4.000
 Std. Dev. = 1.473 Max = 12.000 Median = 5.000
 CV % = 27.780 Skewness = 0.586 3rd Quartile = 6.000

%	cum %	cls int	(# of bins = 27 - bin size = 0.450)
0.00	0.12	0.075	
0.24	0.36	0.525	
0.00	0.36	0.975	
0.48	0.84	1.425	*
0.00	0.84	1.875	
1.69	2.53	2.325	***
0.00	2.53	2.775	
4.83	7.35	3.225	*****
0.00	7.35	3.675	
19.08	26.39	4.125	*****
0.00	26.39	4.575	
33.09	59.40	5.025	***** --> 61
0.00	59.40	5.475	
0.00	59.40	5.925	
24.40	83.73	6.375	***** --> 45
0.00	83.73	6.825	
11.11	94.82	7.275	*****
0.00	94.82	7.725	
1.93	96.75	8.175	****
0.00	96.75	8.625	
1.93	98.67	9.075	****
0.00	98.67	9.525	
0.00	98.67	9.975	
0.72	99.40	10.425	*
0.00	99.40	10.875	
0.00	99.40	11.325	
0.00	99.40	11.775	
0.48	99.88	12.225	*

Each "*" represents approximately 2.2 observations.

#####

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AS Unit = PPM N = 414

Mean = 0.1317 Min = 0.0000 1st Quartile = 0.0000
 Std. Dev. = 0.3676 Max = 4.2266 Median = 0.0000
 CV % = 279.2104 Skewness = 5.0758 3rd Quartile = 0.0000

Anti-Log Mean = 1.354 Anti-Log Std. Dev. : (-) 0.581
 (+) 3.157

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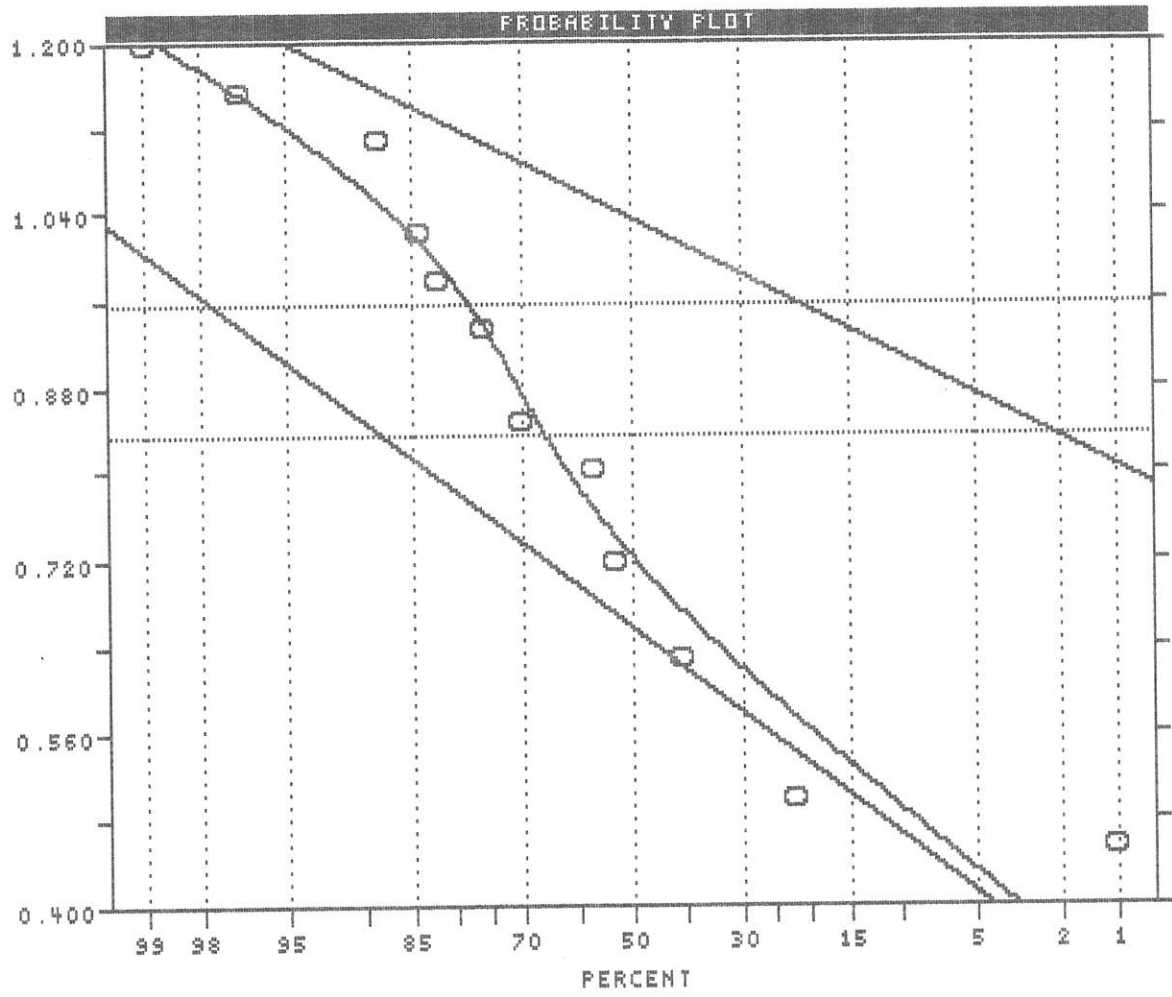
%	cum %	antilog	cls int	(# of bins = 27 - bin size = 0.1626)
0.00	0.12	0.829	-0.0813	
81.88	81.81	1.206	0.0813	***** --> 152
0.00	81.81	1.753	0.2438	
5.31	87.11	2.549	0.4064	*****
2.42	89.52	3.707	0.5690	****
3.62	93.13	5.389	0.7315	*****
1.93	95.06	7.836	0.8941	****
1.69	96.75	11.393	1.0566	***
1.69	98.43	16.566	1.2192	***
0.24	98.67	24.086	1.3818	
0.48	99.16	35.021	1.5443	*
0.00	99.16	50.921	1.7069	
0.24	99.40	74.039	1.8695	
0.00	99.40	107.651	2.0320	
0.00	99.40	156.524	2.1946	
0.24	99.64	227.584	2.3571	
0.00	99.64	330.905	2.5197	
0.00	99.64	481.133	2.6823	
0.00	99.64	699.563	2.8448	
0.00	99.64	1017.158	3.0074	
0.00	99.64	1478.938	3.1699	
0.00	99.64	2150.361	3.3325	
0.00	99.64	3126.605	3.4951	
0.00	99.64	4546.053	3.6576	
0.00	99.64	6609.918	3.8202	
0.00	99.64	9610.757	3.9828	
0.00	99.64	13973.948	4.1453	
0.24	99.88	20317.987	4.3079	

0 1 2 3 4

Each "*" represents approximately 2.2 observations.

#####

TAN NORTH



LOGARITHMIC VALUES

=====

VARIABLE = AS
 UNIT = PPM
 N = 47
 N CI = 17

POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	0.6547	0.1497	78.5
2	1.0327	0.0989	26.5

POP. THRESHOLDS

=====

1	0.3554	0.9541
2	0.8348	1.2306

RAW DATA ML
 PARAMETER ESTIMATES

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TAMSOILS.PPL

Variable = AS Unit = PPM N = 47 N CI = 17

Transform = Logarithmic Number of Populations = 2

of Missing Observations = 0.

361 Observations Were Below the Minimum Value of 3.0000
6 Observations Were Above the Maximum Value of 16.0000

=====

Raw Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = 7.776

Parameterized Degrees of Freedom = 3

Table with 4 columns: Population, Mean, Std Dev, Percentage. Contains data for populations 1 and 2.

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Table with 3 columns: Pop., Thresholds. Shows values for populations 1 and 2.

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TAMSOILS.PPL

Variable = BI Unit = PPM N = 379
N CI = 26

Transform = Logarithmic Number of Populations = 2

of Missing Observations = 0.

30 Observations Were Below the Minimum Value of 3.0000
5 Observations Were Above the Maximum Value of 9.0750

=====

Class Interval Data Chi Squared Parameter Estimates

Population	Mean	Std Dev	Percentage
1	5.056	- 4.240	94.84
		+ 6.029	
2	7.023	- 6.667	5.16
		+ 7.398	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	3.555 7.189
2	6.329 7.794

#####

TAM NORTH

LOGARITHMIC VALUES

=====

VARIABLE = BI
 UNIT = PPM
 N = 379
 N CI = 26

POPULATIONS

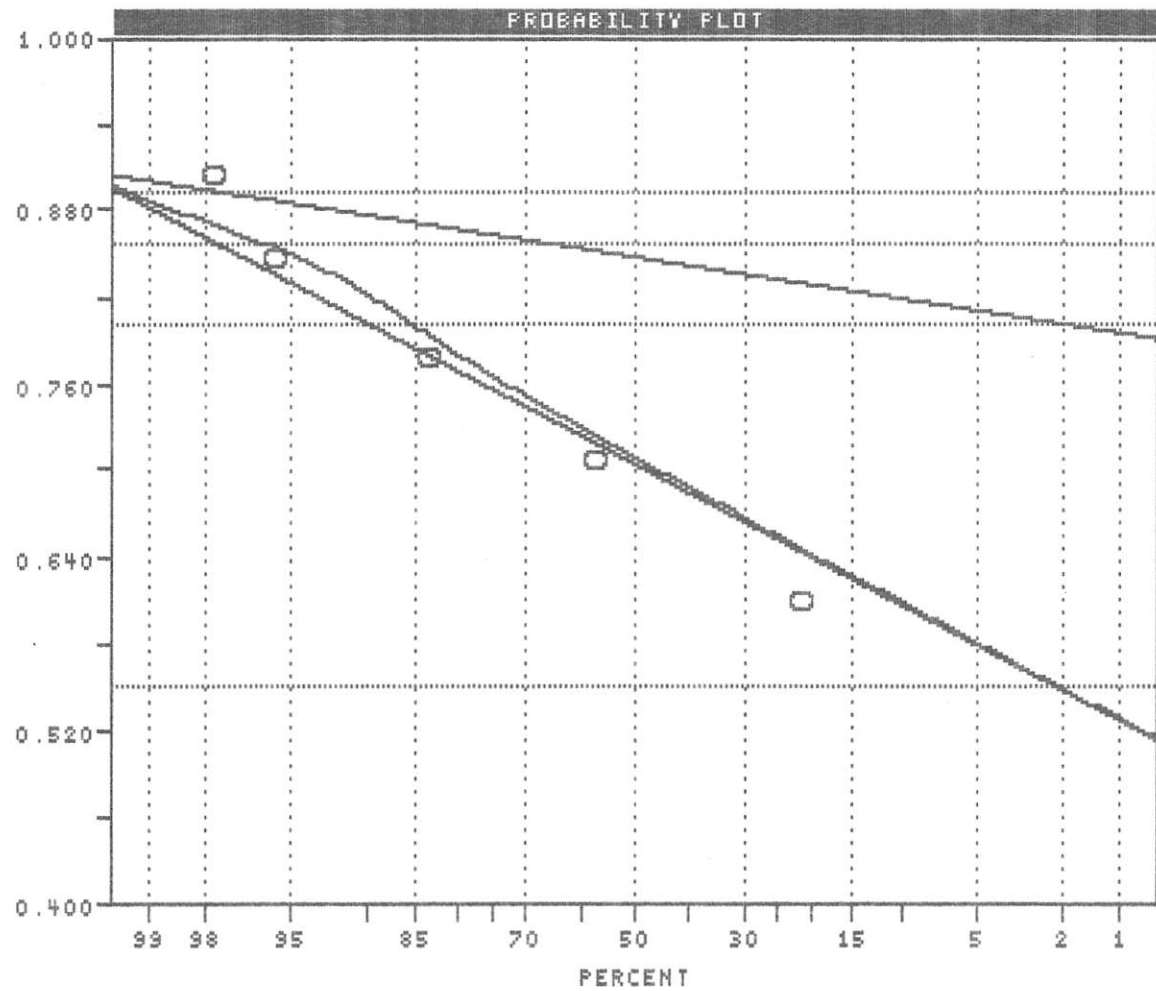
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Pop.	Mean	Std.Dev.	%
1	0.7038	0.0764	94.8
2	0.8465	0.0226	5.2

POP. THRESHOLDS

Pop.	THRESHOLDS
1	0.5509 0.8567
2	0.8013 0.8917

CI CHI SQUARED
 PARAMETER ESTIMATES



	AG	AS	B	BA	BE	BI	CA	CD	CU	K	LI	MG	MN	MO	ILS	NA	NI	P	PB	SB	SR	TH	U	V	ZN	GA	SN	W	CR	AU	HG
AG	1.000 (414)	-0.136 (414)	0.226 (414)	0.040 (414)	0.205 (414)	0.007 (414)	0.142 (414)	-0.068 (414)	0.270 (414)	-0.020 (414)	0.223 (414)	-0.056 (414)	-0.087 (414)	0.085 (414)	-0.111 (414)	0.001 (414)	-0.021 (414)	0.202 (414)	0.094 (414)	0.067 (414)	0.277 (414)	0.000 (414)	-0.096 (414)	0.001 (414)	0.208 (414)	-0.018 (414)	0.082 (414)	-0.099 (414)	0.095 (414)	-0.173 (414)	
AS		1.000 (414)	0.034 (414)	0.008 (414)	0.041 (414)	-0.112 (414)	0.087 (414)	0.518 (414)	0.196 (414)	0.067 (414)	0.051 (414)	0.424 (414)	0.248 (414)	0.011 (414)	0.003 (414)	0.341 (414)	-0.002 (414)	-0.002 (414)	-0.011 (414)	-0.058 (414)	-0.045 (414)	0.000 (414)	0.327 (414)	0.101 (414)	-0.050 (414)	0.010 (414)	0.185 (414)	0.421 (414)	0.056 (414)	0.153 (414)	
BA			1.000 (414)	0.027 (414)	0.128 (414)	-0.004 (414)	0.058 (414)	0.063 (414)	0.006 (414)	0.101 (414)	0.153 (414)	0.067 (414)	-0.003 (414)	-0.059 (414)	-0.071 (414)	0.018 (414)	0.034 (414)	0.131 (414)	0.250 (414)	0.093 (414)	0.348 (414)	0.000 (414)	0.048 (414)	0.030 (414)	-0.000 (414)	0.034 (414)	-0.000 (414)	0.072 (414)	0.043 (414)	-0.022 (414)	
BE				1.000 (414)	-0.224 (414)	-0.140 (414)	-0.204 (414)	0.191 (414)	0.189 (414)	0.022 (414)	-0.179 (414)	-0.016 (414)	0.210 (414)	0.151 (414)	-0.100 (414)	0.211 (414)	0.431 (414)	-0.091 (414)	-0.086 (414)	-0.248 (414)	-0.224 (414)	0.000 (414)	0.034 (414)	0.371 (414)	-0.104 (414)	0.009 (414)	-0.019 (414)	0.076 (414)	0.169 (414)	0.040 (414)	
BI					1.000 (414)	0.163 (414)	0.458 (414)	0.079 (414)	0.141 (414)	0.452 (414)	0.470 (414)	0.255 (414)	0.113 (414)	0.063 (414)	0.206 (414)	-0.025 (414)	-0.261 (414)	0.490 (414)	0.052 (414)	-0.469 (414)	0.551 (414)	0.000 (414)	0.152 (414)	0.053 (414)	0.401 (414)	0.027 (414)	0.204 (414)	0.056 (414)	0.066 (414)	-0.025 (414)	
CA						1.000 (414)	0.300 (414)	0.134 (414)	0.380 (414)	0.478 (414)	0.501 (414)	0.290 (414)	-0.023 (414)	0.373 (414)	0.100 (414)	-0.269 (414)	0.183 (414)	0.008 (414)	0.657 (414)	0.238 (414)	0.000 (414)	0.420 (414)	0.031 (414)	0.100 (414)	-0.018 (414)	0.285 (414)	0.321 (414)	0.096 (414)	0.221 (414)		
CD							1.000 (414)	0.351 (414)	0.280 (414)	0.150 (414)	0.826 (414)	0.410 (414)	0.157 (414)	0.240 (414)	-0.070 (414)	-0.018 (414)	0.049 (414)	0.047 (414)	0.062 (414)	0.101 (414)	0.000 (414)	0.379 (414)	0.097 (414)	0.064 (414)	-0.083 (414)	0.207 (414)	0.241 (414)	-0.066 (414)	0.301 (414)		
CU								1.000 (414)	0.351 (414)	0.280 (414)	0.150 (414)	0.826 (414)	0.410 (414)	0.157 (414)	-0.072 (414)	0.395 (414)	-0.144 (414)	0.233 (414)	-0.025 (414)	-0.123 (414)	0.049 (414)	0.000 (414)	0.234 (414)	0.131 (414)	0.019 (414)	0.009 (414)	0.224 (414)	0.224 (414)	0.286 (414)	0.060 (414)	
K									1.000 (414)	0.102 (414)	0.151 (414)	0.248 (414)	0.052 (414)	0.566 (414)	-0.072 (414)	0.395 (414)	-0.144 (414)	0.233 (414)	-0.025 (414)	-0.123 (414)	0.049 (414)	0.000 (414)	0.433 (414)	0.190 (414)	0.244 (414)	0.120 (414)	0.263 (414)	0.340 (414)	0.099 (414)	-0.042 (414)	
LI										1.000 (414)	0.072 (414)	0.410 (414)	0.086 (414)	-0.006 (414)	0.033 (414)	0.145 (414)	-0.296 (414)	0.271 (414)	0.032 (414)	0.164 (414)	0.310 (414)	0.000 (414)	0.433 (414)	0.190 (414)	0.244 (414)	0.120 (414)	0.263 (414)	0.340 (414)	0.099 (414)	-0.042 (414)	
MG											1.000 (414)	0.223 (414)	-0.050 (414)	0.088 (414)	0.156 (414)	0.151 (414)	-0.290 (414)	0.034 (414)	0.060 (414)	0.416 (414)	0.147 (414)	0.000 (414)	0.138 (414)	0.051 (414)	0.091 (414)	-0.037 (414)	0.091 (414)	0.137 (414)	0.010 (414)	0.135 (414)	
MN												1.000 (414)	0.355 (414)	0.029 (414)	0.064 (414)	0.462 (414)	-0.169 (414)	0.154 (414)	-0.029 (414)	0.050 (414)	0.051 (414)	0.000 (414)	0.865 (414)	0.179 (414)	0.081 (414)	0.033 (414)	0.549 (414)	0.842 (414)	0.104 (414)	0.258 (414)	
MO													1.000 (414)	-0.025 (414)	0.310 (414)	0.148 (414)	0.159 (414)	0.207 (414)	-0.034 (414)	0.034 (414)	-0.072 (414)	0.000 (414)	0.300 (414)	0.353 (414)	-0.067 (414)	-0.018 (414)	0.186 (414)	0.249 (414)	0.124 (414)	0.187 (414)	
NA														1.000 (414)	-0.058 (414)	0.133 (414)	-0.088 (414)	0.225 (414)	-0.015 (414)	-0.136 (414)	0.030 (414)	0.000 (414)	0.060 (414)	0.003 (414)	0.032 (414)	-0.012 (414)	0.031 (414)	-0.003 (414)	0.260 (414)	0.042 (414)	
NI															1.000 (414)	-0.050 (414)	-0.046 (414)	0.133 (414)	-0.034 (414)	0.260 (414)	0.030 (414)	0.000 (414)	0.054 (414)	0.111 (414)	-0.064 (414)	-0.054 (414)	-0.079 (414)	-0.033 (414)	-0.010 (414)	0.415 (414)	
P																1.000 (414)	-0.014 (414)	-0.012 (414)	-0.032 (414)	-0.225 (414)	-0.128 (414)	0.000 (414)	0.448 (414)	0.281 (414)	-0.119 (414)	0.042 (414)	0.348 (414)	0.742 (414)	0.086 (414)	0.121 (414)	
PB																	1.000 (414)	-0.235 (414)	-0.038 (414)	-0.124 (414)	-0.154 (414)	0.000 (414)	-0.173 (414)	0.194 (414)	-0.148 (414)	-0.026 (414)	-0.122 (414)	-0.101 (414)	-0.079 (414)	0.079 (414)	
SB																		1.000 (414)	0.017 (414)	0.120 (414)	0.537 (414)	0.000 (414)	0.078 (414)	0.173 (414)	0.325 (414)	-0.045 (414)	0.307 (414)	-0.009 (414)	0.242 (414)	-0.167 (414)	
SR																			1.000 (414)	0.025 (414)	0.153 (414)	0.000 (414)	0.008 (414)	-0.027 (414)	0.005 (414)	-0.006 (414)	0.029 (414)	-0.008 (414)	-0.022 (414)	-0.058 (414)	
TH																				1.000 (414)	0.297 (414)	0.000 (414)	-0.107 (414)	-0.115 (414)	0.166 (414)	-0.040 (414)	0.001 (414)	-0.120 (414)	-0.047 (414)	0.051 (414)	
U																						1.000 (414)	0.014 (414)	-0.157 (414)	0.418 (414)	-0.029 (414)	0.136 (414)	-0.042 (414)	-0.037 (414)	-0.157 (414)	
V																							1.000 (414)	0.000 (414)	0.000 (414)	0.000 (414)	0.000 (414)	0.000 (414)	0.000 (414)	0.000 (414)	0.000 (414)
ZN																								1.000 (414)	0.153 (414)	-0.042 (414)	0.086 (414)	0.517 (414)	0.838 (414)	0.154 (414)	0.283 (414)
GA																									1.000 (414)	-0.074 (414)	-0.014 (414)	0.131 (414)	0.171 (414)	0.130 (414)	0.126 (414)
SN																										1.000 (414)	-0.036 (414)	0.186 (414)	-0.056 (414)	-0.063 (414)	-0.247 (414)
W																											1.000 (414)	-0.028 (414)	0.091 (414)	-0.017 (414)	-0.067 (414)
CR																												1.000 (414)	0.546 (414)	0.082 (414)	-0.021 (414)
AU																													1.000 (414)	0.075 (414)	0.239 (414)
HG																														1.000 (414)	-0.013 (414)

