

Annexe 1

The UNIVARIATE Procedure

Variable: X (X)

Moments

N	56	Sum Weights	56
Mean	858.178571	Sum Observations	48058
Std Deviation	117.260876	Variance	13750.113
Skewness	0.63461401	Kurtosis	0.00863684
Uncorrected SS	41998602	Corrected SS	756256.214
Coeff Variation	13.6639249	Std Error Mean	15.6696436

Basic Statistical Measures

Location		Variability	
Mean	858.1786	Std Deviation	117.26088
Median	845.0000	Variance	13750
Mode	845.0000	Range	521.00000
		Interquartile Range	152.50000

Quantiles (Definition 5)

Quantile	Estimate
100% Max	1170.0
99%	1170.0
95%	1100.0
90%	1040.0
75% Q3	918.5
50% Median	845.0
25% Q1	766.0
10%	718.0
5%	698.0
1%	649.0
0% Min	649.0

Extreme Observations

----Lowest----		----Highest---	
Value	Obs	Value	Obs
649	27	1040	32
676	26	1050	40
698	11	1100	3
702	1	1120	2
714	55	1170	50

The UNIVARIATE Procedure
 Fitted Gamma Distribution for X

Parameters for Gamma Distribution

Parameter	Symbol	Estimate
Threshold	Theta	0
Scale	Sigma	15.18776
Shape	Alpha	56.50463
Mean		858.1786
Std Dev		114.1657

Goodness-of-Fit Tests for Gamma Distribution

Test	Statistic	p Value
Kolmogorov-Smirnov	D 0.08361390	Pr > D >0.250
Cramer-von Mises	W-Sq 0.05953784	Pr > W-Sq >0.250
Anderson-Darling	A-Sq 0.38919033	Pr > A-Sq >0.250

Quantiles for Gamma Distribution

Percent	Quantile	
	Observed	Estimated
1.0	649.000	615.093
5.0	698.000	679.415
10.0	718.000	715.506
25.0	766.000	778.668
50.0	845.000	853.121
75.0	918.500	932.179
90.0	1040.000	1007.353
95.0	1100.000	1054.195
99.0	1170.000	1145.862

Annexe 2

Table of Y by Z

Y	Z		
Frequency	0	1	Total
0	17	12	29
1	12	15	27
Total	29	27	56

Statistics for Table of Y by Z

Statistic	DF	Value	Prob
Chi-Square	1	***	0.2888
Phi Coefficient		0.1418	
Cramer's V		0.1418	