

CLASSICAL STATISTICS AND HISTOGRAMS

EXTRACTION FILENAME : e:\grum\stats\23sn1\_sg.exe  
DATA DESCRIPTION : SG-RED. COMPS RC20-30 (INT. CENTER) LNTH WT'D DDH(45 BY LENGTHS  
DATA DESCRIPTION : ROCK CODES 20-30 SN1A SG-REDUCED

DATA VALUES ENTERED

MINIMUM CUTOFF VALUE	:	2.492
MAXIMUM CUTOFF VALUE	:	4.403
TOTAL NUMBER OF SAMPLES USED	:	1710
MINIMUM HISTOGRAM VALUE	:	2.492
MAXIMUM HISTOGRAM VALUE	:	4.403
CLASS INTERVAL	:	.039
MINIMUM POPULATION DATA POINT	:	2.492
MAXIMUM POPULATION DATA POINT	:	4.403
TOTAL POPULATION	:	1710

UNGROUPED DATA    GROUPED DATA

	UNGROUPED DATA	GROUPED DATA
TOTAL NO OF SAMPLES	1710	
ARITHMETIC MEAN	3.1017	3.1007
MEDIAN		3.0824
GEOMETRIC MEAN	3.0874	3.0862
NATURAL LOG MEAN	1.1273	1.1269
STANDARD DEVIATION	.3021	.3041
VARIANCE	.0912	.0925
COEFFICIENT OF VARIATION	.0974	.0981
MOMENT 1 ABOUT ARITHMETIC MEAN	.0000	.0000
MOMENT 2 ABOUT ARITHMETIC MEAN	.0912	.0925
MOMENT 3 ABOUT ARITHMETIC MEAN	.0185	.0180
MOMENT 4 ABOUT ARITHMETIC MEAN	.0302	.0306
MOMENT COEFFICIENT OF SKEWNESS	.6711	.6404
MOMENT COEFFICIENT OF KURTOSIS	3.6275	3.5796

NB. LOG MEANS CALCULATED ON SAMPLES ABOVE ZERO

