

# Annexe 1

## The MEANS Procedure

----- Group=1 -----

N	Mean	Std Dev	Minimum	Maximum
17	14.0814857	16.1747203	0	66.0683009

----- Group=2 -----

N	Mean	Std Dev	Minimum	Maximum
16	7.0827367	4.2150955	0	16.2556161

----- Group=3 -----

N	Mean	Std Dev	Minimum	Maximum
6	8.3513528	6.1344984	1.0002556	15.3838462

----- Group=4 -----

N	Mean	Std Dev	Minimum	Maximum
17	4.4815038	4.7111205	0	16.4099471

----- Group=5 -----

N	Mean	Std Dev	Minimum	Maximum
31	5.8542202	4.7738796	0	19.2961165

----- Group=6 -----

N	Mean	Std Dev	Minimum	Maximum
22	2.9448206	3.8370052	0	17.4728319

----- Group=7 -----

N	Mean	Std Dev	Minimum	Maximum
4	15.5753602	13.0467789	4.6495178	31.8917270

----- Group=8 -----

N	Mean	Std Dev	Minimum	Maximum
27	25.4147056	17.7415834	0	60.1262320

## ANNEXE 2

The UNIVARIATE Procedure  
Variable: sunspots

### Moments

N	2820	Sum Weights	2820
Mean	51.2659574	Sum Observations	144570
Std Deviation	43.4489713	Variance	1887.81311
Skewness	1.10088589	Kurtosis	0.98304065
Uncorrected SS	12733264.6	Corrected SS	5321745.15
Coeff Variation	84.7520918	Std Error Mean	0.81819146

### Basic Statistical Measures

Location		Variability	
Mean	51.26596	Std Deviation	43.44897
Median	42.00000	Variance	1888
Mode	0.00000	Range	253.80000
		Interquartile Range	59.25000

### Tests for Location: Mu0=0

Test	-Statistic-	-----p Value-----
Student's t	t 62.65765	Pr >  t  <.0001
Sign	M 1376.5	Pr >=  M  <.0001
Signed Rank	S 1895441	Pr >=  S  <.0001

### Quantiles (Definition 5)

Quantile	Estimate
100% Max	253.80
99%	181.50
95%	138.20
90%	112.00
75% Q3	74.95
50% Median	42.00
25% Q1	15.70
10%	5.00
5%	1.65
1%	0.00
0% Min	0.00

### Extreme Observations

----Lowest----		----Highest----	
Value	Obs	Value	Obs
0	1974	217.4	2521
0	1973	235.8	2505
0	1958	238.9	353
0	1840	239.4	2508
0	1838	253.8	2506