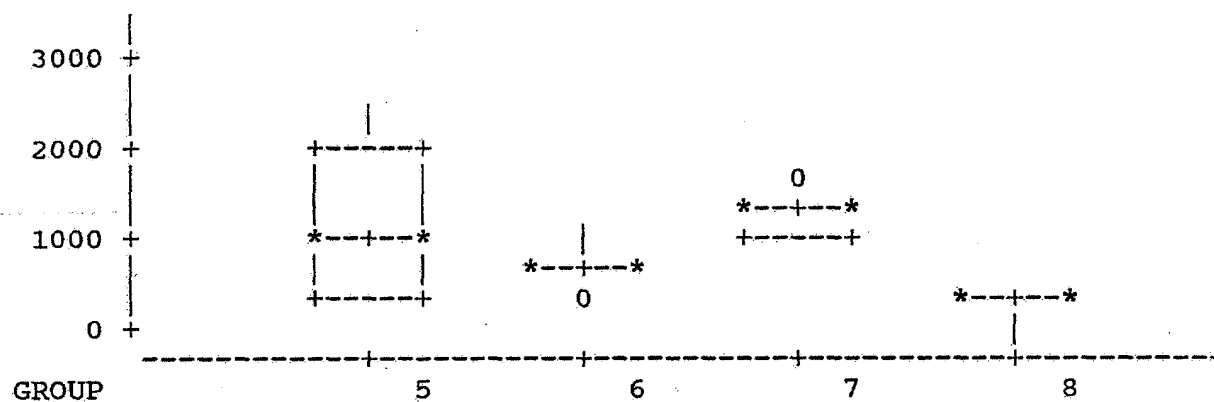


UNIVARIATE PROCEDURE
Schematic Plots

Variable=X



SAS 15:08 Monday, November 15, 1993
22

----- GROUP=5 -----

UNIVARIATE PROCEDURE

Variable=X

Moments

N	6	Sum Wgts	6
Mean	1149.064	Sum	6894.382
Std Dev	765.15	Variance	585454.5
Skewness	0.553403	Kurtosis	-1.91591
USS	10849356	CSS	2927272
CV	66.589	Std Mean	312.3712
T:Mean=0	3.67852	Prob> T	0.0143
Sgn Rank	10.5	Prob> S	0.0313
Num ^= 0	6		
W:Normal	0.86658	Prob<W	0.2072

SAS 15:08 Monday, November 15, 1993
23

----- GROUP=5 -----

UNIVARIATE PROCEDURE

Variable=X

Quantiles(Def=5)

100% Max	2199.123	99%	2199.123
75% Q3	1927.284	95%	2199.123
50% Med	937.1572	90%	2199.123
25% Q1	456.8695	10%	436.791
0% Min	436.791	5%	436.791
		1%	436.791
Range	1762.332		
Q3-Q1	1470.415		
Mode	436.791		

----- GROUP=5 -----

UNIVARIATE PROCEDURE

Variable=X

Extremes

Lowest	Obs	Highest	Obs
436.791(	4)	456.8695(	5)
456.8695(	5)	669.999(	2)
669.999(	2)	1204.316(	3)
1204.316(	3)	1927.284(	6)
1927.284(	6)	2199.123(	1)

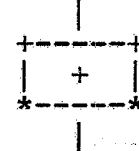
----- GROUP=5 -----

UNIVARIATE PROCEDURE

Variable=X

Stem	Leaf	#
2	2	1
1	9	1
1	2	1
0	57	2
0	4	1

Boxplot



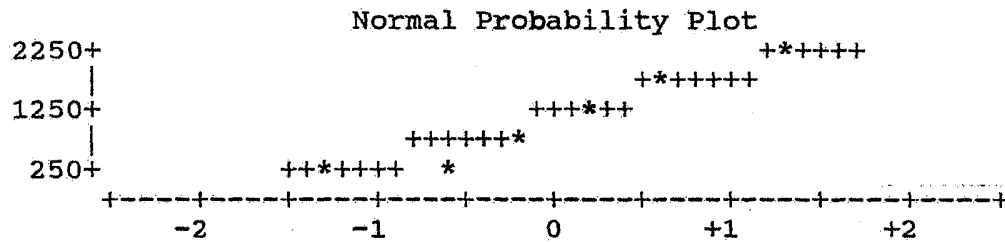
-----+-----+-----+-----+

Multiply Stem.Leaf by 10**+3

----- GROUP=5 -----

UNIVARIATE PROCEDURE

Variable=X



----- GROUP=6 -----

UNIVARIATE PROCEDURE

Variable=X

Moments

N	5	Sum Wgts	5
Mean	648.2229	Sum	3241.114
Std Dev	274.5457	Variance	75375.36
Skewness	-1.62102	Kurtosis	2.254462
USS	2402466	CSS	301501.4
CV	42.3536	Std Mean	122.7806
T:Mean=0	5.279523	Prob> T	0.0062
Sgn Rank	7.5	Prob> S	0.0625
Num ^= 0	5		
W:Normal	0.782489	Prob<W	0.0585

----- GROUP=6 -----

UNIVARIATE PROCEDURE

Variable=X

Quantiles(Def=5)

100% Max	842.7725	99%	842.7725
75% Q3	808.4531	95%	842.7725
50% Med	807.4795	90%	842.7725
25% Q1	591.8271	10%	190.5822
0% Min	190.5822	5%	190.5822
		1%	190.5822
Range	652.1903		
Q3-Q1	216.626		
Mode	190.5822		

----- GROUP=6 -----

UNIVARIATE PROCEDURE

Variable=X

Extremes

Lowest	Obs	Highest	Obs
190.5822(	4)	190.5822(	4)
591.8271(	5)	591.8271(	5)
807.4795(	2)	807.4795(	2)
808.4531(	1)	808.4531(	1)
842.7725(	3)	842.7725(	3)

----- GROUP=6 -----

UNIVARIATE PROCEDURE

Variable=X

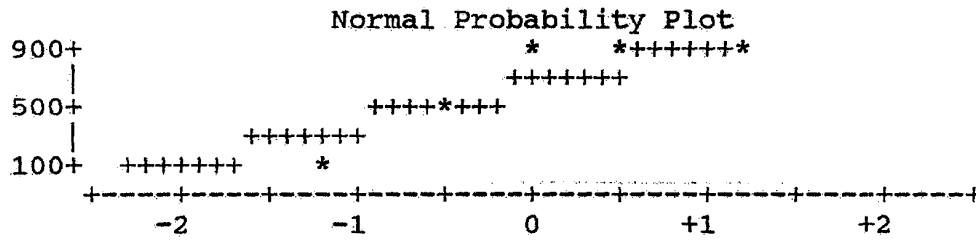
Stem Leaf	#	Boxplot
8 114	3	+-----+
6		+
4 9	1	+-----+
2		
0 9	1	0

-----+-----+-----+-----+
Multiply Stem.Leaf by 10**+2

----- GROUP=6 -----

UNIVARIATE PROCEDURE

Variable=X



----- GROUP=7 -----

UNIVARIATE PROCEDURE

Variable=X

Moments

N	6	Sum Wgts	6
Mean	1271.563	Sum	7629.379
Std Dev	290.4098	Variance	84337.87
Skewness	1.573507	Kurtosis	3.040354
USS	10122927	CSS	421689.3
CV	22.8388	Std Mean	118.5593
T:Mean=0	10.72512	Prob> T	0.0001
Sgn Rank	10.5	Prob> S	0.0313
Num ^= 0	6		
W:Normal	0.853884	Prob<W	0.1611

----- GROUP=7 -----

UNIVARIATE PROCEDURE

Variable=X

Quantiles(Def=5)

100% Max	1813.639	99%	1813.639
75% Q3	1294.626	95%	1813.639
50% Med	1215.994	90%	1813.639
25% Q1	1107.578	10%	981.548
0% Min	981.548	5%	981.548
		1%	981.548
Range	832.0912		
Q3-Q1	187.048		
Mode	981.548		

----- GROUP=7 -----

UNIVARIATE PROCEDURE

Variable=X

Extremes

Lowest	Obs	Highest	Obs
981.548(	2)	1107.578(	1)
1107.578(	1)	1144.806(	3)
1144.806(	3)	1287.181(	4)
1287.181(	4)	1294.626(	5)
1294.626(	5)	1813.639(	6)

----- GROUP=7 -----

UNIVARIATE PROCEDURE

Variable=X

Stem	Leaf	#	Boxplot
18	1	1	0
16			
14			
12	99	2	+++---+
10	14	2	+++---+
8	8	1	

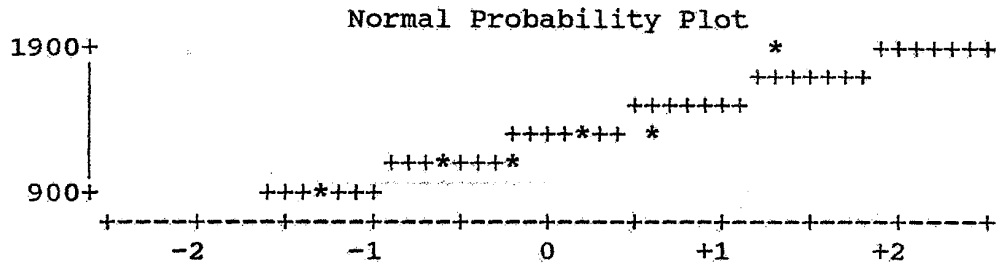
-----+-----+-----+-----+

Multiply Stem.Leaf by 10**+2

----- GROUP=7 -----

UNIVARIATE PROCEDURE

Variable=X



----- GROUP=8 -----

UNIVARIATE PROCEDURE

Variable=X

Moments

N	4	Sum Wgts	4
Mean	241.6873	Sum	966.7492
Std Dev	90.34633	Variance	8162.458
Skewness	0.736389	Kurtosis	-1.22245
USS	258138.4	CSS	24487.38
CV	37.38149	Std Mean	45.17316
T:Mean=0	5.350241	Prob> T	0.0128
Sgn Rank	5	Prob> S	0.1250
Num ^= 0	4		
W:Normal	0.938583	Prob<W	0.6218

----- GROUP=8 -----

UNIVARIATE PROCEDURE

Variable=X

Quantiles(Def=5)

100% Max	358.1864	99%	358.1864
75% Q3	312.1638	95%	358.1864
50% Med	225.5994	90%	358.1864
25% Q1	171.2108	10%	157.364
0% Min	157.364	5%	157.364
		1%	157.364
Range	200.8224		
Q3-Q1	140.953		
Mode	157.364		

----- GROUP=8 -----

UNIVARIATE PROCEDURE

Variable=X

Extremes

Lowest	Obs	Highest	Obs
157.364(	3)	.(	)
185.0576(	2)	157.364(	3)
266.1412(	4)	185.0576(	2)
358.1864(	1)	266.1412(	4)
.(	)	358.1864(	1)

----- GROUP=8 -----

UNIVARIATE PROCEDURE

Variable=X

Stem	Leaf	#	Boxplot
3	6	1	<pre> +-----+ +-----+ *-----* +-----+ </pre>
3			
2	7	1	
2			
1	69	2	

-----+-----+-----+-----+
Multiply Stem.Leaf by 10**+2

----- GROUP=8 -----

UNIVARIATE PROCEDURE

Variable=X

