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BY

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The following lines were read from file C:\happy\happy.PR2:

!PRELIS SYNTAX: Can be edited

SY='C:\happy\happy.PSF'

SE 1 2 3 4 5 6 7 8 9 10 11 12 13 14

OU MA=CM XT

Total Sample Size = 477

Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
y1	3.638	0.752	105.591	-0.634	-0.142	1.500	3	5.000	9
y2	3.652	0.676	117.954	-0.744	0.991	1.143	3	5.000	9
y3	3.513	0.714	107.440	-0.516	0.229	1.286	3	5.000	9
y4	3.555	0.741	104.730	-0.566	0.169	1.357	3	5.000	12
y5	3.391	0.765	96.852	-0.367	-0.096	1.167	3	5.000	6
y6	3.338	0.938	77.724	-0.444	-0.244	1.000	9	5.000	18
y7	3.583	0.746	104.963	-0.801	0.804	1.250	6	5.000	15
y8	3.535	0.899	85.872	-0.484	-0.241	1.000	3	5.000	33
y9	4.248	0.920	100.848	-0.692	0.448	1.400	3	6.000	12
y10	3.596	0.738	106.439	-0.701	0.486	1.300	3	5.000	9
y11	3.541	0.759	101.956	-0.764	0.902	1.000	3	5.000	15
y12	3.776	0.860	95.939	-0.673	0.533	1.000	6	5.000	72
y13	3.787	0.729	113.433	-0.888	1.545	1.000	3	5.000	27

y6

Frequency Percentage Lower Class Limit

18	3.8	1.000	
24	5.0	1.400	
30	6.3	1.800	
9	1.9	2.200	. .
33	6.9	2.600	
138	28.9	3.000	
72	15.1	3.400	
75	15.7	3.800	
21	4.4	4.200	
57	11.9	4.600	

 y^7

Frequency Percentage Lower Class Limit

12	2.5	1.250	. .
15	3.1	1.625	. . .
3	0.6	2.000	
36	7.5	2.375	
57	11.9	2.750	
93	19.5	3.125	
51	10.7	3.500	
162	34.0	3.875	
27	5.7	4.250	
21	4.4	4.625	

y8

Frequency Percentage Lower Class Limit

[illegible]

y9

Frequency Percentage Lower Class Limit

[illegible]

33 6.9 5.540 • • • • •

y10

Frequency Percentage Lower Class Limit

[illegible]

y11

Frequency Percentage Lower Class Limit

[illegible]

y12

Frequency Percentage Lower Class Limit

[illegible]

y13

Frequency Percentage Lower Class Limit

[illegible]

147	30.8	3.800	.....
72	15.1	4.200	.....
75	15.7	4.600	.....

y14

Frequency	Percentage	Lower Class Limit	
3	0.6	1.000	
0	0.0	1.400	
12	2.5	1.800	...
21	4.4	2.200	.....
66	13.8	2.600	.....
30	6.3	3.000	.....
90	18.9	3.400	.....
129	27.0	3.800	.....
78	16.4	4.200	.....
48	10.1	4.600	.....

Covariance Matrix

	y1	y2	y3	y4	y5	y6
-----	-----	-----	-----	-----	-----	-----
y1	0.566					
y2	0.413	0.457				
y3	0.455	0.434	0.510			
y4	0.440	0.423	0.490	0.550		
y5	0.462	0.429	0.488	0.511	0.585	
y6	0.425	0.397	0.447	0.504	0.572	0.880
y7	0.407	0.413	0.443	0.472	0.480	0.473
y8	0.463	0.428	0.501	0.551	0.543	0.622
y9	0.474	0.471	0.532	0.576	0.571	0.634
y10	0.361	0.361	0.415	0.444	0.459	0.476
y11	0.419	0.405	0.441	0.463	0.470	0.488
y12	0.463	0.437	0.487	0.500	0.524	0.495
y13	0.364	0.368	0.385	0.396	0.407	0.427
y14	0.405	0.389	0.439	0.455	0.451	0.456

Covariance Matrix

	y7	y8	y9	y10	y11	y12
-----	-----	-----	-----	-----	-----	-----
y7	0.556					
y8	0.497	0.808				
y9	0.538	0.713	0.846			
y10	0.413	0.503	0.568	0.544		
y11	0.435	0.545	0.586	0.479	0.575	
y12	0.478	0.529	0.583	0.503	0.545	0.739
y13	0.410	0.459	0.497	0.426	0.455	0.533
y14	0.431	0.510	0.544	0.422	0.464	0.502

Covariance Matrix

	y13	y14
y13	0.532	
y14	0.458	0.541

Means

y1	y2	y3	y4	y5	y6
3.638	3.652	3.513	3.555	3.391	3.338

Means

y7	y8	y9	y10	y11	y12
3.583	3.535	4.248	3.596	3.541	3.776

Means

y13	y14
3.787	3.731

Standard Deviations

y1	y2	y3	y4	y5	y6
0.752	0.676	0.714	0.741	0.765	0.938

Standard Deviations

y7	y8	y9	y10	y11	y12
0.746	0.899	0.920	0.738	0.759	0.860

Standard Deviations

y13	y14
0.729	0.735

The Problem used 23400 Bytes (= 0.0% of available workspace)