

The PRINCOMP Procedure

Observations	25
Variables	6

Simple Statistics						
	Y1	Y2	Y3	Y4	Y5	Y6
Mean	44.96000000	5380.000000	23.60000000	25.36000000	20.48000000	15.09200000
Std	2.24499443	1389.244399	11.43459663	6.91544166	3.45350064	0.80927951

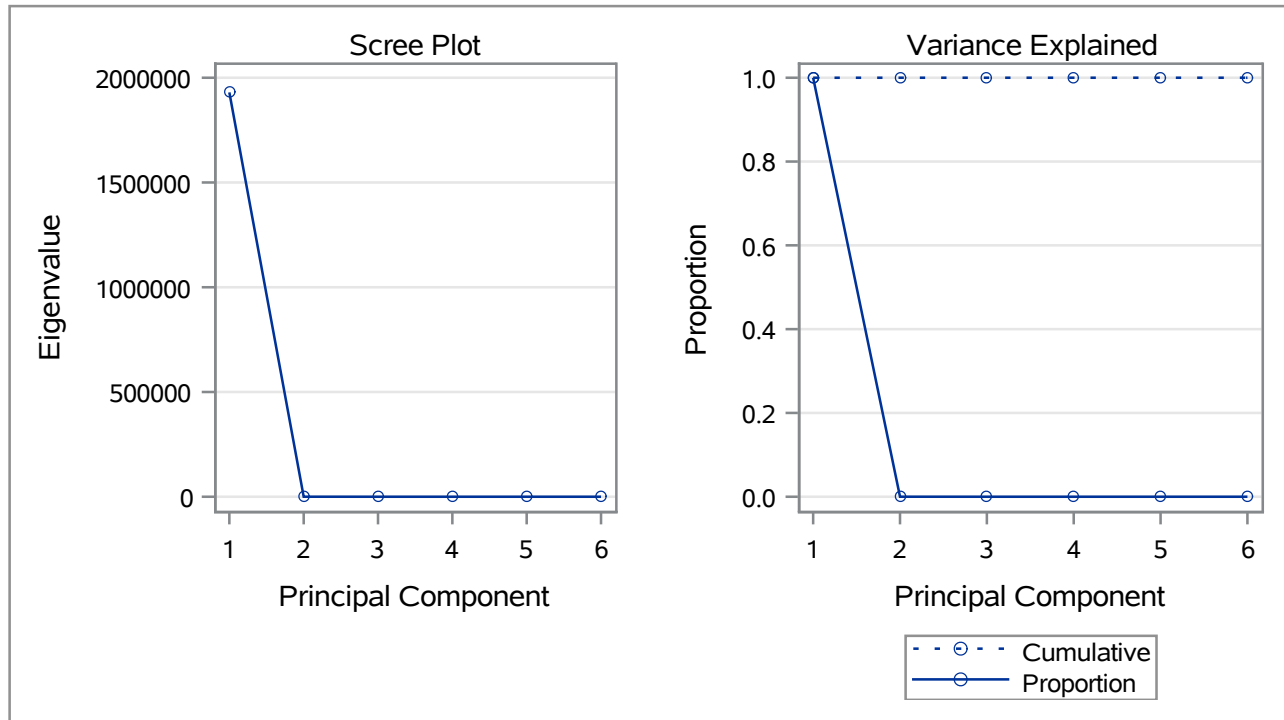
Covariance Matrix						
	Y1	Y2	Y3	Y4	Y5	Y6
Y1	5.040	895.000	5.567	1.682	0.270	0.254
Y2	895.000	1930000.000	12679.167	3765.833	-656.667	-71.000
Y3	5.567	12679.167	130.750	-17.100	0.075	1.555
Y4	1.682	3765.833	-17.100	47.823	-5.430	-2.035
Y5	0.270	-656.667	0.075	-5.430	11.927	-0.000
Y6	0.254	-71.000	1.555	-2.035	-0.000	0.655

Total Variance	1930196.1949
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Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	1930091.29	1930004.76	0.9999	0.9999
2	86.53	75.25	0.0000	1.0000
3	11.27	6.65	0.0000	1.0000
4	4.62	2.67	0.0000	1.0000
5	1.95	1.42	0.0000	1.0000
6	0.53		0.0000	1.0000

Eigenvectors						
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6
Y1	0.000464	-.001595	0.087562	0.988713	0.096084	-.074462
Y2	0.999976	-.003470	0.000640	0.000054	-.005900	0.000163
Y3	0.006569	0.733066	-.065850	-.060057	0.673937	-.020906
Y4	0.001951	-.674616	0.045544	-.074211	0.732485	0.027824
Y5	-.000340	0.080385	0.992723	-.086195	0.002644	0.024552
Y6	-.000037	0.032123	-.020573	0.076830	0.000802	0.996314

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Correlation Matrix						
	Y1	Y2	Y3	Y4	Y5	Y6
Y1	1.0000	0.2870	0.2168	0.1083	0.0348	0.1397
Y2	0.2870	1.0000	0.7982	0.3920	-.1369	-.0632
Y3	0.2168	0.7982	1.0000	-.2162	0.0019	0.1680
Y4	0.1083	0.3920	-.2162	1.0000	-.2274	-.3635
Y5	0.0348	-.1369	0.0019	-.2274	1.0000	-.0001
Y6	0.1397	-.0632	0.1680	-.3635	-.0001	1.0000

Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	1.98091253	0.42126338	0.3302	0.3302
2	1.55964915	0.57499466	0.2599	0.5901
3	0.98465449	0.06242083	0.1641	0.7542
4	0.92223366	0.38232146	0.1537	0.9079
5	0.53991219	0.52727422	0.0900	0.9979
6	0.01263798		0.0021	1.0000

Eigenvectors						
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6
Y1	0.353314	0.099277	0.156745	0.823595	-.402792	0.013938
Y2	0.681715	-.107608	0.062181	-.185703	0.192775	-.669455
Y3	0.595381	0.318498	0.034080	-.369318	-.119472	0.626298
Y4	0.196388	-.675330	0.045993	0.242724	0.533827	0.399199
Y5	-.126948	0.307875	0.874356	0.023240	0.352212	-.002572
Y6	0.035654	0.571197	-.451431	0.302249	0.614247	-.004402

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