

## The PRINCOMP Procedure

Observations	51
Variables	6

Simple Statistics						
	Y1	Y2	Y3	Y4	Y5	Y6
Mean	15.10784314	45.19607843	5382.352941	22.90196078	25.52941176	21.03921569
Std	0.83110604	2.32395876	1416.574161	9.50211535	7.50826995	4.25187387

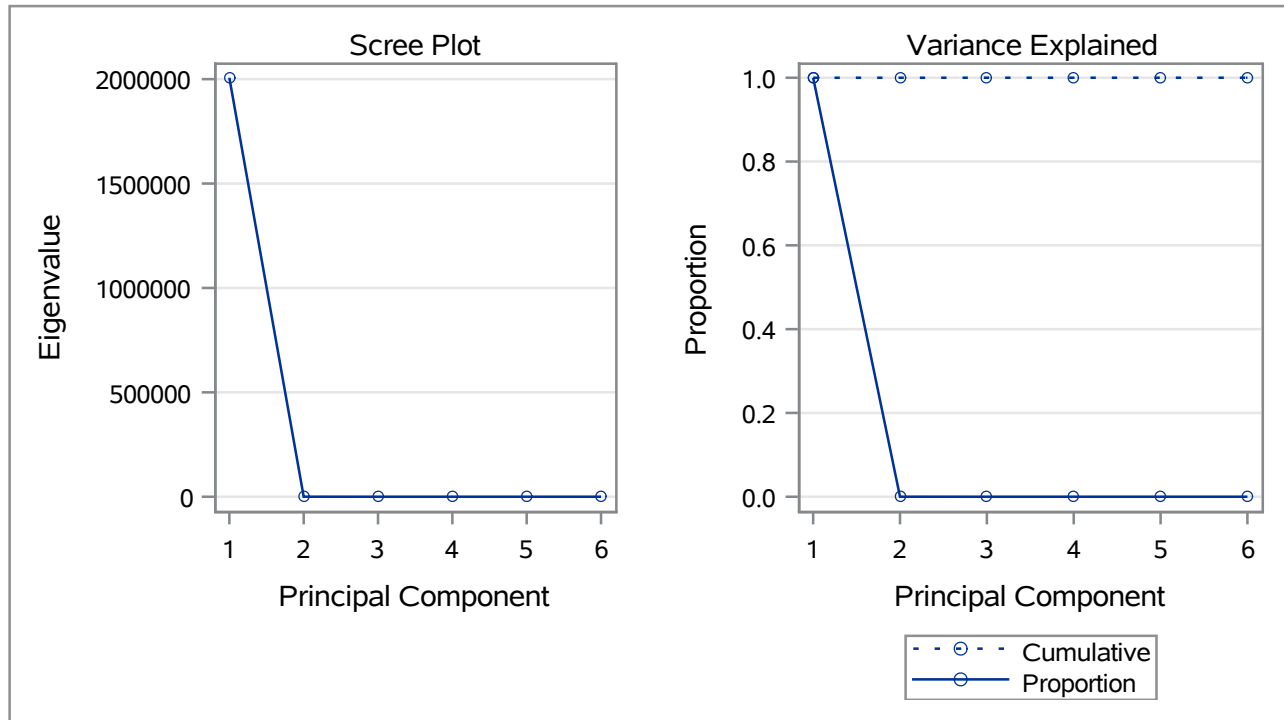
Covariance Matrix						
	Y1	Y2	Y3	Y4	Y5	Y6
Y1	0.691	1.494	325.541	1.535	0.422	-0.268
Y2	1.494	5.401	1015.529	4.880	1.374	1.292
Y3	325.541	1015.529	2006682.353	10620.235	6465.529	406.706
Y4	1.535	4.880	10620.235	90.290	3.753	3.064
Y5	0.422	1.374	6465.529	3.753	56.374	0.579
Y6	-0.268	1.292	406.706	3.064	0.579	18.078

Total Variance	2006853.1872
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Eigenvalues of the Covariance Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	2006760.04	2006694.71	1.0000	1.0000
2	65.33	47.28	0.0000	1.0000
3	18.06	11.47	0.0000	1.0000
4	6.59	3.66	0.0000	1.0000
5	2.93	2.70	0.0000	1.0000
6	0.23		0.0000	1.0000

Eigenvectors						
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6
Y1	0.000162	0.005133	-.013633	0.229244	0.156517	0.960592
Y2	0.000506	0.017309	0.078667	0.748028	0.598603	-.275027
Y3	0.999981	-.001403	-.000210	0.003358	-.005040	-.000145
Y4	0.005292	0.697921	-.017368	-.452870	0.554342	0.013776
Y5	0.003222	-.715514	0.019480	-.423930	0.554718	0.014885
Y6	0.000203	0.024856	0.996466	-.055523	-.046299	0.034803

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Correlation Matrix						
	Y1	Y2	Y3	Y4	Y5	Y6
Y1	1.0000	0.7737	0.2765	0.1943	0.0676	-.0759
Y2	0.7737	1.0000	0.3085	0.2210	0.0788	0.1308
Y3	0.2765	0.3085	1.0000	0.7890	0.6079	0.0675
Y4	0.1943	0.2210	0.7890	1.0000	0.0526	0.0758
Y5	0.0676	0.0788	0.6079	0.0526	1.0000	0.0181
Y6	-.0759	0.1308	0.0675	0.0758	0.0181	1.0000

Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.42446754	1.02153340	0.4041	0.4041
2	1.40293413	0.37415265	0.2338	0.6379
3	1.02878148	0.10851318	0.1715	0.8094
4	0.92026830	0.72077953	0.1534	0.9627
5	0.19948877	0.17542900	0.0332	0.9960
6	0.02405978		0.0040	1.0000

Eigenvectors						
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6
Y1	0.424249	-.560579	-.149785	0.068485	0.691325	0.026619
Y2	0.446357	-.527912	0.087368	0.148804	-.699772	0.051179
Y3	0.563341	0.387433	-.050540	-.071750	-.007498	-.724420
Y4	0.454229	0.267193	0.165534	-.629081	0.015044	0.546730
Y5	0.302916	0.425266	-.295999	0.683156	0.011125	0.415873
Y6	0.073105	0.068656	0.923233	0.324922	0.178841	-.004875

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