

Principal Components Report

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Descriptive Statistics Section

Variables	Count	Mean	Standard Deviation	Communality
C1	18	86.23236	72.95625	1.000000
C2	18	83.49167	75.21184	1.000000
C3	18	76.20348	73.70448	1.000000

Correlation Section

Variables	Variables C1	C2	C3
C1	1.000000	0.988327	0.987117
C2	0.988327	1.000000	0.998203
C3	0.987117	0.998203	1.000000

Phi=0.991228 Log(Det|R)=-9.396265 Bartlett Test=142.51 DF=3 Prob=0.000000

Bar Chart of Absolute Correlation Section

Variables	Variables C1	C2	C3
C1			
C2			
C3			

Phi=0.991228 Log(Det|R)=-9.396265 Bartlett Test=142.51 DF=3 Prob=0.000000

Eigenvalues

No.	Eigenvalue	Individual Percent	Cumulative Percent	Scree Plot
1	2.982440	99.41	99.41	
2	0.015798	0.53	99.94	
3	0.001762	0.06	100.00	

Eigenvectors

Variables	Factors Factor1	Factor2	Factor3
C1	-0.575990	-0.816434	0.040878
C2	-0.578146	0.371506	-0.726450
C3	-0.577912	0.442062	0.686002

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Bar Chart of Absolute Eigenvectors



Factor Loadings

Variables	Factor1	Factor2	Factor3
C1	-0.994719	-0.102618	0.001716
C2	-0.998444	0.046695	-0.030496
C3	-0.998040	0.055563	0.028798

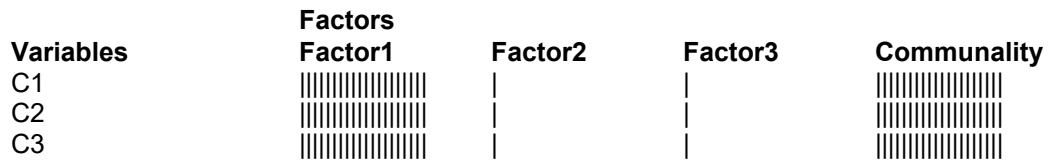
Bar Chart of Absolute Factor Loadings



Communalities

Variables	Factor1	Factor2	Factor3	Communality
C1	0.989467	0.010531	0.000003	1.000000
C2	0.996890	0.002180	0.000930	1.000000
C3	0.996083	0.003087	0.000829	1.000000

Bar Chart of Communalities



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Factor Structure Summary

	Factor1	Factor2	Factor3
C2			
C3			
C1			

Residual Section

Row	T2	T2 Prob	Q0	Q1	Q2
1	.59	0.9119	1.18	0.00	0.00
2	2.75	0.5079	3.25	0.01	0.00
3	6.45	0.1737	0.96	0.01	0.01*
4	.83	0.8647	1.32	0.00	0.00
5	2.11	0.6127	2.81	0.01	0.00
6	2.36	0.5698	3.30	0.01	0.00
7	2.95	0.4790	6.26	0.01	0.00
8	1.41	0.7443	2.47	0.00	0.00
9	6.86	0.1548	0.79	0.09*	0.00
10	3.25	0.4391	5.00	0.01	0.00
11	.39	0.9508	0.87	0.00	0.00
12	5.49	0.2278	8.97	0.04	0.00
13	1.88	0.6549	1.01	0.02	0.00
14	.26	0.9718	0.60	0.00	0.00
15	1.09	0.8095	1.23	0.00	0.00
16	1.23	0.7812	1.52	0.01	0.00
17	3.92	0.3600	1.74	0.01	0.01
18	7.18	0.1417	7.71	0.07*	0.00

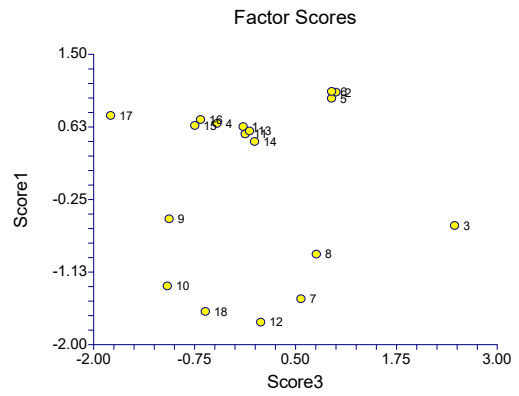
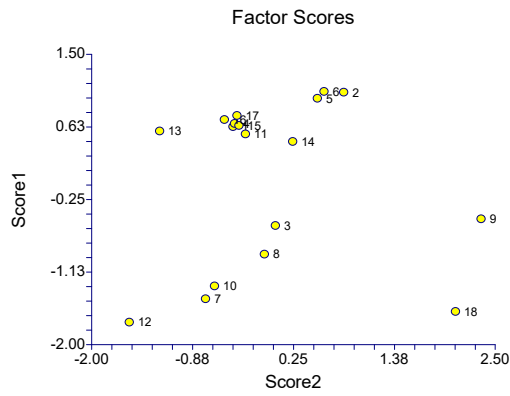
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Factor Score

Row	Factor1	Factor2	Factor3
1	0.6273	-0.4228	-0.1459
2	1.0427	0.8120	1.0035
3	-0.5650	0.0503	2.4746
4	0.6657	-0.4053	-0.4692
5	0.9689	0.5186	0.9493
6	1.0515	0.5928	0.9502
7	-1.4483	-0.7287	0.5700
8	-0.9104	-0.0727	0.7609
9	-0.4844	2.3435	-1.0634
10	-1.2936	-0.6292	-1.0859
11	0.5393	-0.2843	-0.1214
12	-1.7302	-1.5788	0.0712
13	0.5743	-1.2413	-0.0672
14	0.4481	0.2427	-0.0045
15	0.6413	-0.3570	-0.7453
16	0.7127	-0.5190	-0.6741
17	0.7614	-0.3791	-1.7881
18	-1.6013	2.0583	-0.6147

Plots Section



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