

The PRINCOMP Procedure

Observations	350
Variables	19

Simple Statistics

	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	
Mean	9403554.78	3394.043429	1021.088286	2223.754857	454.9080000	400.3345714	228.3462857	6.548857143	30.92885714	120.8885714	333505.260	95218.5943	218851.6857	45856.6657	46343.9
Std	33736421.61	1600.774633	581.329672	984.556976	409.4166372	247.9405003	152.9392498	4.706903588	16.12367127	111.5074700	1269991.849	299808.3199	842060.6115	150403.1234	178238.6

Covariance Matrix

	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	
x1	1.1381461E15	1438503564.9	-80356880.42	976749421.34	308826459.77	872365109.59	532291615.82	938445.10891	20458105.927	317599161.89	4.0903368E13	9.2916488E12	2.7433007E13	4.484857
x2	1438503564.9	2562479.4247	175972.01317	1525096.8956	-109279.5721	234695.97185	159084.97489	3127.0108807	7889.5655054	107440.88611	262547987.14	26565310.943	153208971.9	-769683.
x3	-80356880.42	175972.01317	337944.1874	95838.520358	185262.15402	51501.942068	13160.598137	601.41123299	3476.5886771	14844.123533	9147199.038	28987315.411	4294775.0579	1590789.
x4	976749421.34	1525096.8956	95838.520358	969352.43979	-65788.92127	135674.95366	94997.884789	1501.8331288	5887.2336847	56826.150543	154371232.06	16056634.12	93304089.447	387069.0
x5	308826459.77	-109279.5721	185262.15402	-65788.92127	167621.9828	31993.847144	3925.9259897	247.64869112	2145.1776195	8240.6263954	3168457.9403	19426879.136	2811579.5481	1432901.
x6	872365109.59	234695.97185	51501.942068	135674.95366	31993.847144	61474.491667	34711.483266	824.99807687	2223.8038419	23872.234293	49644675.869	12022917.439	31139780.063	6103799.
x7	532291615.82	159084.97489	13160.598137	94997.884789	3925.9259897	34711.483266	23390.414127	432.4022307	1195.4612679	11700.801361	31614493.678	5805487.1587	19969595.795	2597305.
x8	938445.10891	3127.0108807	601.41123299	1501.8331288	247.64869112	824.99807687	432.4022307	22.154941384	15.196752272	384.11703561	259710.72222	54665.072887	136700.81024	12857.98
x9	20458105.927	7889.5655054	3476.5886771	5887.2336847	2145.1776195	2223.8038419	1195.4612679	15.196752272	259.97277519	554.8343422	1222516.1492	341803.47163	807133.93144	173301.6
x10	317599161.89	107440.88611	14844.123533	56826.150543	8240.6263954	23872.234293	11700.801361	384.11703561	554.8343422	12433.915858	20773399.994	3924904.1077	12538703.775	1770392.
x11	4.0903368E13	262547987.14	9147199.038	154371232.06	3168457.9403	49644675.869	31614493.678	259710.72222	1222516.1492	20773399.994	1.6128793E12	362378551764	1.0679859E12	17502564
x12	9.2916488E12	26565310.943	28987315.411	16056634.12	19426879.136	12022917.439	5805487.1587	54665.072887	341803.47163	3924904.1077	362378551764	89885028710	239914930738	4410658
x13	2.7433007E13	153208971.9	4294775.0579	93304089.447	2811579.5481	31139780.063	19969595.795	136700.81024	807133.93144	12538703.775	1.0679859E12	239914930738	709066073390	11622993
x14	4.4848576E12	-769683.3425	15907899.677	387069.03243	14329015.759	6103799.5824	2597305.1783	12857.983428	173301.64291	1770392.3346	175025649319	44106584827	116229936634	2262109
x15	5.8237478E12	25795405.21	2793710.038	15650910.301	3371866.776	7841941.6631	4728494.6295	36670.555776	198942.25406	2992830.0065	224503586827	51067350601	149280651433	2514996
x16	3.5682373E12	16833161.446	186657.00519	10363184.836	881016.44468	4585989.7351	2984110.7494	20262.704731	116326.58244	1693837.3722	137231300580	30757633915	91347248995	1510089
x17	71263851165	321824.7516	39431.580675	179689.33498	28591.646212	90032.402977	52995.898806	795.06363979	2028.2910896	36817.788833	2733336886.3	623247321.15	1814966623	3034733.
x18	400527318713	973163.84762	108053.41995	654351.92984	175821.1781	386898.67687	234266.17956	976.84977241	17004.70983	131685.07108	14549386647	3281263826.2	9748760813.1	1603009.
x19	1.7681365E12	11732435.482	584460.59911	6656594.7297	698818.50033	2775888.2315	1612067.331	17155.868311	58166.756162	1254216.5966	70352683019	15836066243	46505288848	7748058.

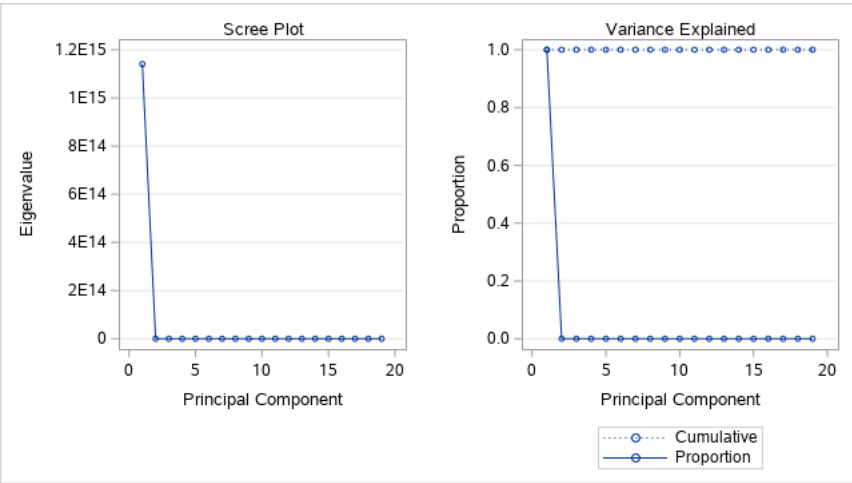
Total Variance	1.1406275E15
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Eigenvalues of the Covariance Matrix

	Eigenvalue	Difference	Proportion	Cumulative
1	1.14042E15	1.14022E15	0.9998	0.9998
2	1.9973E11	1.88772E11	0.0002	1.0000
3	1.09585E10	9777150702	0.0000	1.0000
4	1181372145	845897904	0.0000	1.0000
5	335474240	231800233	0.0000	1.0000
6	103674008	83887075.2	0.0000	1.0000
7	19786932.6	15561495.5	0.0000	1.0000
8	4225437.09	1754016.32	0.0000	1.0000
9	2471420.78	2020970.95	0.0000	1.0000
10	450449.82	180755.444	0.0000	1.0000
11	269694.376	223112.082	0.0000	1.0000
12	46582.2941	10030.1953	0.0000	1.0000
13	36552.0989	14519.474	0.0000	1.0000
14	22032.6249	10871.6798	0.0000	1.0000
15	11160.945	8616.22527	0.0000	1.0000
16	2544.71975	2353.96032	0.0000	1.0000
17	190.759436	190.759436	0.0000	1.0000
18	0	0	0.0000	1.0000
19	0		0.0000	1.0000

Eigenvectors

	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11	Prin12	Prin13	Prin14	Prin15	Prin16	Prin17	Prin18	Prin19
x1	0.999005	-.044491	-.000259	-.001910	0.002172	-.001411	-.000016	-.000324	0.000248	0.000008	0.000011	-.000001	-.000013	0.000008	0.000017	-.000000	0.000001	0.000000	-.000000
x2	0.000001	0.001202	-.003552	-.007715	-.000966	0.036685	-.002249	0.294776	0.791166	-.030842	-.039312	-.219335	0.360612	-.245350	-.196155	-.071678	0.033205	-.000735	-.013400
x3	-.000000	0.000101	0.002777	-.000973	-.002057	0.006189	-.000943	0.068166	0.078302	0.350800	0.731495	-.417529	-.127559	0.059697	0.368476	0.002538	-.028948	0.000103	0.015475
x4	0.000001	0.000686	-.002053	-.003135	-.006170	0.023128	0.003632	0.191967	0.478037	-.013488	-.111293	0.309821	-.667675	0.378121	0.150729	0.111415	-.038136	0.001829	0.010830
x5	0.000000	-.000023	0.002076	0.002027	0.002127	-.003513	0.004870	0.009604	0.005137	0.248362	0.498109	0.510304	-.019066	-.036078	-.652192	-.045427	-.014463	0.000121	0.018244
x6	0.000001	0.000110	0.000127	0.000563	0.002868	0.010963	0.001558	0.026491	0.074860	0.026786	0.124031	0.4497213	0.134826	0.446651	0.118668	0.367444	-.009498	-.411637	
x7	0.000000	0.000073	-.000122	0.000308	0.001186	0.007433	-.005247	0.012733	0.049272	0.004367	0.016692	0.294546	0.228812	0.111371	0.297720	-.635460	-.439792	0.002053	0.399555
x8	0.000000	0.000001	-.000000	-.000009	0.000038	0.000131	0.000009	0.000340	0.000881	0.000003	0.001818	0.002968	0.014842	0.010943	0.001741	0.019098	-.009089	0.999598	0.000000
x9	0.000000	0.000003	0.000007	0.000028	-.000038	0.000348	-.000146	0.002991	0.001653	0.003546	0.008233	0.029720	-.007348	0.005335	0.036242	-.022212	0.711361	0.006774	0.700753
x10	0.000000	0.000054	-.000062	-.000033	0.001819	0.003511	0.006693	0.009990	0.033450	0.011954	0.035459	0.138644	0.255012	-.014225	0.102438	0.749348	-.401860	-.022289	0.422918
x11	0.035909	0.842886	-.162720	-.270479	0.394464	-.147626	-.103960	-.001127	0.005035	-.016834	0.009254	0.001224	-.003538	0.000001	0.001619	0.000710	-.000271	0.000011	0.000176
x12	0.008157	0.176530	0.831356	-.394679	-.196908	0.286998	0.000303	-.006087	-.012786	0.018797	-.011913	0.000706	0.000732	-.001837	-.002299	0.000240	0.000267	0.000010	-.000199
x13	0.024083	0.485622	-.121772	0.389541	-.749649	0.073098	0.170539	0.014218	-.010019	0.014697	-.007484	-.000826	0.006385	0.000076	-.001504	-.001301	0.000218	-.000026	-.000164
x14	0.003937	0.088275	0.514139	0.610451	0.232112	-.545498	-.023016	-.024540	0.043694	0.022891	-.012364	-.001274	0.002348	0.002680	0.005089	-.000062	0.000297	-.000005	-.000229
x15	0.005112	0.091061	0.053953	0.406892	0.336606	0.614445	0.079952	0.289872	-.132199	-.431575	0.193317	0.003728	-.024201	-.010291	-.009117	-.001459	-.005516	0.000032	0.004392
x16	0.003132	0.053498	-.015998	0.276085	0.088766	0.415571	-.589440	-.387000	0.127610	0.434941	-.192367	-.007239	0.014085	0.006828	0.001290	0.006834	0.005877	-.000024	-.004339
x17	0.000063	0.001021	0.000657	0.000799	0.007265	0.004761	0.002585	0.046480	-.029455	0.006926	-.028564	-.257803	0.307317	0.870258	-.278023	0.004214	0.015942	-.012715	0.006153
x18	0.000352	0.000909	-.001210	0.019090	0.021157	0.002460	-.091241	0.759114	-.294818	0.501921	-.266659	0.021689	0.020400	-.059088	0.015290	-.001318	0.002425	0.000785	-.005529
x19	0.001552	0.040267	0.002029	0.066697	0.260819	0.201338	0.772851	-.239774	0.080503	0.429477	-.197847	-.008192	0.015419	-.005133	0.008885	-.005915	0.005430	0.000325	-.004557



The PRINCOMP Procedure

Observations	350
Variables	19

Simple Statistics

	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	
Mean	9403554.78	3394.043429	1021.088286	2223.754857	454.9080000	400.3345714	228.3462857	6.548857143	30.92885714	120.8885714	333505.260	95218.5943	218851.6857	45856.6657	46343.9
Std	33736421.61	1600.774633	581.329672	984.556976	409.4166372	247.9405003	152.9392498	4.706903588	16.12367127	111.5074700	1269991.849	299808.3199	842060.6115	150403.1234	178238.8

Correlation Matrix

	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x16	x17	x18	x19
x1	1.0000	0.0266	-.0041	0.0294	0.0224	0.1043	0.1032	0.0059	0.0376	0.0844	0.9547	0.9187	0.9657	0.8839	0.9685	0.9703	0.9710	0.9871	0.9389
x2	0.0266	1.0000	0.1891	0.9677	-.1667	0.5913	0.6498	0.4150	0.3057	0.6019	0.1291	0.0554	0.1137	-.0032	0.0904	0.0965	0.0924	0.0505	0.1313
x3	-.0041	0.1891	1.0000	0.1674	0.7784	0.3573	0.1480	0.2198	0.3709	0.2290	0.0124	0.1663	0.0088	0.1819	0.0270	0.0029	0.0312	0.0155	0.0180
x4	0.0294	0.9677	0.1674	1.0000	-.1632	0.5558	0.6309	0.3241	0.3709	0.5176	0.1235	0.0544	0.1125	0.0026	0.0892	0.0966	0.0839	0.0553	0.1211
x5	0.0224	-.1667	0.7784	-.1632	1.0000	0.3152	0.0627	0.1285	0.3250	0.1805	0.0061	0.1583	0.0082	0.2327	0.0462	0.0197	0.0321	0.0357	0.0306
x6	0.1043	0.5913	0.3573	0.5558	0.3152	1.0000	0.9154	0.7069	0.5563	0.8635	0.1577	0.1617	0.1492	0.1637	0.1774	0.1698	0.1669	0.1297	0.2006
x7	0.1032	0.6498	0.1480	0.6309	0.0627	0.9154	1.0000	0.6007	0.4848	0.6861	0.1628	0.1266	0.1551	0.1129	0.1735	0.1790	0.1593	0.1274	0.1888
x8	0.0059	0.4150	0.2198	0.3241	0.1285	0.7069	0.6007	1.0000	0.2002	0.7319	0.0434	0.0387	0.0345	0.0182	0.0437	0.0395	0.0776	0.0173	0.0653
x9	0.0376	0.3057	0.3709	0.3709	0.3250	0.5563	0.4848	0.2002	1.0000	0.3086	0.0597	0.0707	0.0594	0.0715	0.0692	0.0662	0.0578	0.0877	0.0646
x10	0.0844	0.6019	0.2290	0.5176	0.1805	0.8635	0.6861	0.7319	0.3086	1.0000	0.1467	0.1174	0.1335	0.1056	0.1506	0.1394	0.1518	0.0982	0.2015
x11	0.9547	0.1291	0.0124	0.1235	0.0061	0.1577	0.1628	0.0434	0.0597	0.1467	1.0000	0.9517	0.9987	0.9163	0.9918	0.9913	0.9893	0.9525	0.9923
x12	0.9187	0.0554	0.1663	0.0544	0.1583	0.1617	0.1266	0.0387	0.0707	0.1174	0.9517	1.0000	0.9503	0.9781	0.9556	0.9411	0.9555	0.9099	0.9462
x13	0.9657	0.1137	0.0088	0.1125	0.0082	0.1492	0.1551	0.0345	0.0594	0.1335	0.9987	0.9503	1.0000	0.9177	0.9946	0.9952	0.9907	0.9625	0.9893
x14	0.8839	-.0032	0.1819	0.0026	0.2327	0.1637	0.1129	0.0182	0.0715	0.1056	0.9163	0.9781	0.9177	1.0000	0.9382	0.9211	0.9275	0.8861	0.9228
x15	0.9685	0.0904	0.0270	0.0892	0.0462	0.1774	0.1735	0.0437	0.0692	0.1506	0.9918	0.9556	0.9946	0.9382	1.0000	0.9982	0.9936	0.9693	0.9909
x16	0.9703	0.0965	0.0029	0.0966	0.0197	0.1698	0.1790	0.0395	0.0662	0.1394	0.9913	0.9411	0.9952	0.9211	0.9982	1.0000	0.9903	0.9707	0.9868
x17	0.9710	0.0924	0.0312	0.0839	0.0321	0.1669	0.1593	0.0776	0.0578	0.1518	0.9893	0.9555	0.9907	0.9275	0.9936	0.9903	1.0000	0.9745	0.9861
x18	0.9871	0.0505	0.0155	0.0553	0.0357	0.1297	0.1274	0.0173	0.0877	0.0982	0.9525	0.9099	0.9625	0.8861	0.9693	0.9707	0.9745	1.0000	0.9397
x19	0.9389	0.1313	0.0180	0.1211	0.0306	0.2006	0.1888	0.0653	0.0646	0.2015	0.9923	0.9462	0.9893	0.9228	0.9909	0.9868	0.9861	0.9397	1.0000

Eigenvalues of the Correlation Matrix

	Eigenvalue	Difference	Proportion	Cumulative
1	9.81236807	5.29734640	0.5164	0.5164
2	4.51502167	2.54623674	0.2376	0.7541
3	1.96878493	0.95044130	0.1036	0.8577
4	1.01834363	0.29828268	0.0536	0.9113
5	0.72006095	0.40078675	0.0379	0.9492
6	0.31927421	0.06275706	0.0168	0.9660
7	0.25651715	0.11098271	0.0135	0.9795
8	0.14553443	0.03555759	0.0077	0.9872
9	0.10997684	0.04281158	0.0058	0.9929
10	0.06716526	0.04406513	0.0035	0.9965
11	0.02310013	0.00257193	0.0012	0.9977
12	0.02052820	0.00963832	0.0011	0.9988
13	0.01088988	0.00515807	0.0006	0.9993
14	0.00573181	0.00197567	0.0003	0.9996
15	0.00375614	0.00228810	0.0002	0.9998
16	0.00146805	0.00014086	0.0001	0.9999
17	0.00132719	0.00119067	0.0001	1.0000
18	0.00013652	0.00012158	0.0000	1.0000
19	0.00001494		0.0000	1.0000

Eigenvectors

	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11	Prin12	Prin13	Prin14	Prin15	Prin16	Prin17	Prin18	Prin19
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Eigenvectors																			
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11	Prin12	Prin13	Prin14	Prin15	Prin16	Prin17	Prin18	Prin19
x1	0.306334	-0.081695	-0.019617	-0.012993	-0.038300	0.071031	-0.008956	0.453048	-0.044259	0.368398	0.374867	-0.113485	0.383332	0.428486	0.059306	-0.042756	0.228561	0.088626	-0.004699
x2	0.053936	0.363925	-0.287115	0.342575	0.332121	0.042733	-0.042812	0.025376	0.088892	-0.044827	0.107137	0.675005	0.168784	0.060602	-0.194506	0.020998	-0.037545	-0.033894	-0.015341
x3	0.030222	0.185361	0.549582	0.255499	0.402492	0.183940	0.197618	0.082896	-0.566555	-0.093053	-0.095532	-0.095672	0.021261	-0.005646	0.072824	-0.005672	0.042552	0.008103	0.005622
x4	0.052210	0.347879	-0.283156	0.451032	0.238457	0.010418	-0.006251	0.004664	0.323118	0.142991	-0.105605	-0.601439	-0.151782	-0.004366	0.116673	-0.008356	0.008574	0.031302	0.009506
x5	0.028592	0.100156	0.662601	-0.005054	0.099400	-0.269853	-0.115507	0.180800	0.624260	-0.079148	0.104476	0.096052	-0.031992	0.003762	0.045673	0.000377	-0.044855	-0.009710	0.004283
x6	0.086631	0.427748	0.073953	-0.184748	-0.180468	-0.281781	0.026144	0.017867	-0.147259	0.065457	-0.031764	-0.194881	-0.028614	0.059659	-0.764718	-0.000536	0.007638	0.006806	-0.052155
x7	0.080980	0.397375	-0.106699	-0.085211	-0.274689	-0.441159	0.531413	0.093004	-0.100313	-0.079579	0.053933	0.118256	-0.028938	-0.046259	0.465210	-0.011982	0.042712	-0.009298	0.031995
x8	0.038936	0.334348	0.000411	-0.552783	0.127653	0.631475	0.291882	-0.053287	0.267079	-0.018233	-0.021387	-0.021373	0.033734	0.010127	0.023852	0.059147	0.011666	0.003554	0.000990
x9	0.042578	0.262816	0.214313	0.385720	-0.711932	0.404745	-0.177817	-0.140489	0.008748	-0.008801	0.020716	0.071028	0.041387	0.020790	0.067254	-0.006220	-0.005928	-0.000551	0.003541
x10	0.074737	0.386596	-0.028670	-0.339626	0.108721	-0.104627	-0.717194	-0.042887	-0.235148	0.088431	0.010932	-0.006258	0.012549	-0.097935	0.335508	-0.056828	-0.021090	0.003144	0.023349
x11	0.314858	-0.047589	-0.048141	0.020866	0.018529	0.028916	-0.027700	-0.050195	0.021597	-0.358619	0.233095	-0.034208	-0.024100	-0.357510	-0.088469	-0.127455	0.301876	0.635441	0.243768
x12	0.307038	-0.051498	0.082064	0.023068	0.081690	-0.018013	0.100928	-0.428362	-0.066587	0.292291	0.583576	-0.020101	-0.219384	-0.106437	0.007444	0.247931	-0.370907	-0.048295	-0.058394
x13	0.315258	-0.053490	-0.044558	0.021187	0.005907	0.032588	-0.018240	0.020996	0.028806	-0.263153	0.157303	-0.121634	0.175840	-0.374462	-0.049458	-0.181566	0.267612	-0.694261	-0.153819
x14	0.299545	-0.058828	0.132475	-0.000299	0.057765	-0.130969	0.087792	-0.534837	0.098591	0.414301	-0.424715	0.128423	0.236403	0.011936	0.039101	-0.155579	0.330932	0.063575	-0.038121
x15	0.316894	-0.049040	-0.017390	-0.006494	-0.015659	-0.025472	-0.010774	0.014975	0.005923	-0.114128	-0.221300	-0.046342	0.184879	0.104447	-0.025852	0.170359	-0.317832	-0.199134	0.784832
x16	0.315563	-0.050843	-0.037386	-0.001442	-0.030535	-0.016869	0.010919	0.099158	0.018211	-0.190529	-0.242130	-0.086187	0.400442	-0.103303	0.038427	-0.031591	-0.569744	0.233711	-0.479426
x17	0.316030	-0.049507	-0.021775	-0.027212	0.008315	0.079247	0.010009	0.052412	-0.019285	-0.055559	-0.061374	0.111572	-0.511605	0.320110	-0.001088	-0.684410	-0.179736	-0.050990	-0.007465
x18	0.307299	-0.067091	-0.012082	0.012824	-0.068373	0.101537	-0.014834	0.467579	-0.019577	0.356225	-0.295936	0.197387	-0.386188	-0.401057	-0.034374	0.308519	0.062673	0.003293	-0.053007
x19	0.314620	-0.033185	-0.037542	-0.016861	0.013853	-0.043809	-0.108808	-0.131139	-0.005188	-0.416904	-0.113630	-0.005494	-0.233364	0.482112	0.059933	0.512066	0.261274	-0.025652	-0.242234

