

Obs	X01	X02	X03	X04	X05	X06	X07	X08	X09	X10
1	7.69	7.31	7.47	7.76	7.87	7.51	7.24	7.70	7.91	7.95
2	6.59	5.56	6.21	6.04	5.81	6.64	6.11	6.53	6.44	6.64
3	4.55	4.18	4.36	4.25	4.53	4.60	3.66	4.04	3.68	4.43
4	6.78	6.11	6.30	5.98	5.56	6.37	6.29	5.43	5.32	5.28
5	6.47	6.24	6.02	5.42	5.88	6.00	5.60	4.60	5.40	5.95
6	6.96	6.81	6.91	6.48	6.23	7.09	7.27	7.13	6.86	7.36
7	6.57	5.70	5.89	5.16	5.30	6.07	5.56	4.50	4.92	5.33
8	7.32	6.95	6.02	4.98	4.88	6.82	6.40	5.53	5.61	5.33
9	6.51	6.15	5.51	4.68	4.16	5.17	4.81	4.70	4.86	3.82
10	6.86	6.05	5.85	6.14	6.75	6.71	5.39	5.42	6.03	6.59

PRINCOMP プロシジャ

オブザベーション数	100
変数の数	10

単純統計量

	X01	X02	X03	X04	X05	X06	X07	X08	X09	X10
Mean	6.038100000	5.784800000	5.947100000	5.669500000	5.640600000	5.781300000	5.563900000	5.379400000	5.517400000	5.542100000
Std	1.239147389	1.034139939	0.825972699	0.915395124	0.884228614	1.294327683	1.182607883	1.121124814	1.016264322	1.130856737

相関行列

		X01	X02	X03	X04	X05	X06	X07	X08	X09	X10
X01	M(-15)	1.0000	0.8708	0.5158	0.3701	0.1723	0.9384	0.8107	0.6161	0.5003	0.3298
X02	M(16-20)	0.8708	1.0000	0.7588	0.6043	0.4021	0.8207	0.8381	0.7095	0.6470	0.4569
X03	M(21-30)	0.5158	0.7588	1.0000	0.8524	0.7262	0.5164	0.6584	0.6990	0.7013	0.5584
X04	M(31-40)	0.3701	0.6043	0.8524	1.0000	0.8742	0.3580	0.4875	0.6199	0.7207	0.6321
X05	M(41-)	0.1723	0.4021	0.7262	0.8742	1.0000	0.2077	0.3543	0.5235	0.7101	0.7479
X06	F(-15)	0.9384	0.8207	0.5164	0.3580	0.2077	1.0000	0.8888	0.7465	0.6215	0.4932
X07	F(16-20)	0.8107	0.8381	0.6584	0.4875	0.3543	0.8888	1.0000	0.8949	0.7679	0.6415
X08	F(21-30)	0.6161	0.7095	0.6990	0.6199	0.5235	0.7465	0.8949	1.0000	0.8528	0.7741
X09	F(31-40)	0.5003	0.6470	0.7013	0.7207	0.7101	0.6215	0.7679	0.8528	1.0000	0.9112
X10	F(41-)	0.3298	0.4569	0.5584	0.6321	0.7479	0.4932	0.6415	0.7741	0.9112	1.0000

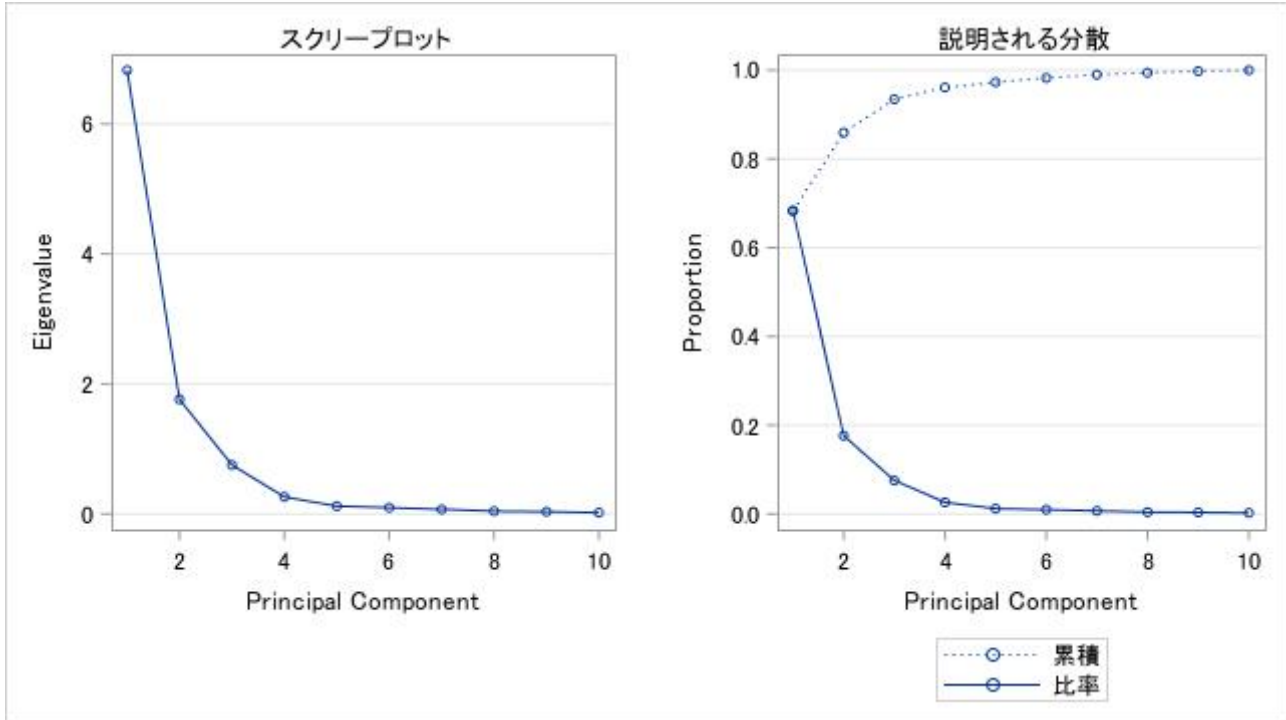
相関行列の固有値

	固有値	差	比率	累積
1	6.82795512	5.06608201	0.6828	0.6828
2	1.76187311	1.00742187	0.1762	0.8590
3	0.75445124	0.49207487	0.0754	0.9344
4	0.26237637	0.14082435	0.0262	0.9607
5	0.12155202	0.02358655	0.0122	0.9728
6	0.09796547	0.02586580	0.0098	0.9826
7	0.07209967	0.02801926	0.0072	0.9898
8	0.04408041	0.00832792	0.0044	0.9942
9	0.03575249	0.01385842	0.0036	0.9978
10	0.02189408		0.0022	1.0000

固有ベクトル

		Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10
X01	M(-15)	0.286033	-0.446335	0.193512	0.428019	0.162365	-0.16413	-0.062138	-0.038493	-0.141617	0.668052
X02	M(16-20)	0.331337	-0.239842	0.336063	0.022488	-0.559594	-0.212367	0.479465	0.283325	-0.013739	-0.225064
X03	M(21-30)	0.323345	0.166337	0.442291	-0.436029	-0.168594	0.476929	-0.416354	0.136150	0.085922	0.163960

		固有ベクトル									
		Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10
X04	M(31-40)	0.299329	0.358627	0.375366	0.063449	0.367912	-0.562491	-0.066245	-0.114301	0.403713	-0.068344
X05	M(41-)	0.260727	0.507209	0.127419	0.375425	0.146879	0.385123	0.325310	-0.167534	-0.437833	-0.148648
X06	F(-15)	0.308635	-0.407882	-0.083695	0.267375	0.286866	0.209878	-0.335058	0.176137	0.090538	-0.618107
X07	F(16-20)	0.344271	-0.252697	-0.171400	-0.295655	-0.025050	0.137469	0.236104	-0.762654	0.204382	-0.046351
X08	F(21-30)	0.347877	-0.032314	-0.289087	-0.507508	0.452377	-0.128390	0.256135	0.382983	-0.303270	0.106863
X09	F(31-40)	0.345636	0.164368	-0.322236	0.040012	-0.388944	-0.387189	-0.488821	-0.161974	-0.425188	-0.030381
X10	F(41-)	0.303334	0.267273	-0.522559	0.251270	-0.190507	0.181955	0.100632	0.270185	0.543107	0.229904



Obs	Prin1	Prin2	Prin3	Prin4	Prin5
1	5.88693	1.44204	-0.07682	0.40809	0.25348
2	1.65842	0.13686	-0.90098	-0.05516	0.42231
3	-4.44537	-0.34692	-0.55169	0.23782	0.37097
4	0.72138	-0.63217	0.55357	-0.08449	0.21583
5	0.15339	-0.18363	0.21693	0.67993	-0.55569
6	3.65322	0.09908	-0.63902	-0.35301	-0.06665
7	-0.65902	-0.78995	0.26301	0.42015	-0.16052
8	0.76044	-1.96919	0.06701	-0.04720	-0.60733
9	-1.96687	-1.71968	0.66740	-0.33431	-0.54215
10	1.35649	0.51749	-0.17674	1.31452	0.21057
11	1.76317	0.15476	0.23456	0.33063	0.60092
12	0.72383	0.14551	0.49777	0.35538	-0.09548
13	-1.20892	0.34668	-0.53251	0.85212	0.41764
14	1.42272	-0.75706	0.71704	-0.53272	0.19744
15	-2.13183	-1.49511	0.88751	0.23480	0.36191
16	-0.22823	-2.13507	-0.06826	-0.60678	-0.38494
17	-2.23675	-0.93785	-0.49456	0.29268	-0.15555
18	0.78156	-0.71930	-0.16751	-0.66281	0.23746
19	1.68853	-1.81322	-0.00583	-0.94849	0.02742
20	3.02932	2.11463	0.26760	-0.11444	0.06117
21	0.89143	1.04081	-0.64146	-0.01164	0.06023
22	-2.70490	-0.64420	0.29764	0.08428	-0.27269
23	-3.20808	-0.21811	0.26298	0.08994	0.07329

Obs	Prin1	Prin2	Prin3	Prin4	Prin5
24	2.46766	0.70878	0.54198	-0.03425	-0.34601
25	1.87725	0.66098	1.38682	0.06428	-0.46598
26	-0.06515	0.59743	1.30432	0.34178	-0.63469
27	-2.45651	1.62520	0.27713	-0.56809	-0.42847
28	-1.65980	-0.48072	1.11925	0.10371	-0.62247
29	-0.70936	-1.96856	-0.24751	0.22094	0.01911
30	1.15755	-1.43761	0.73381	-0.34791	-0.09441
31	-1.25609	-0.11958	0.20548	-0.19162	-0.49946
32	4.15665	0.99361	1.96750	-0.01536	-0.32314
33	0.87959	-0.72622	0.87977	0.21228	-0.27865
34	2.69100	1.86811	0.27018	-0.14817	-0.39702
35	-3.39609	1.95724	-0.50137	-0.41672	-0.04933
36	-1.46405	1.28178	-0.98134	0.72639	-0.17374
37	-3.83071	1.17484	-1.44320	0.50418	-0.32666
38	0.62654	1.66256	1.77034	1.31481	-0.55369
39	-2.81646	1.21191	-0.43354	-0.27683	-0.30271
40	-2.19282	0.82990	-0.48016	-0.40091	-0.41151
41	-0.10726	2.66847	0.25416	-1.00040	-0.14954
42	0.18534	2.31169	-0.24804	0.19271	0.30828
43	0.23405	0.60537	-0.60261	0.35660	0.07954
44	-4.96845	-1.73436	0.15178	0.22405	0.05195
45	-3.00876	0.58751	1.06115	0.60239	0.26927
46	2.80946	1.46426	-0.34666	0.36858	0.23395
47	2.38406	0.00039	0.18432	0.11466	0.33701
48	2.37237	0.52570	0.37671	0.18942	0.20364
49	0.34669	-0.87383	0.75038	-0.35310	-0.08275
50	1.51592	-0.76771	-0.10891	0.06443	0.00694
51	-0.23080	0.89763	-1.35143	-0.83166	0.07704
52	0.62882	1.99869	-1.03589	-0.17191	0.66387
53	-2.20517	0.32106	-1.56173	-0.18367	0.05051
54	-3.68567	0.32790	-1.49874	0.85133	-0.36279
55	2.44302	2.27423	-0.86301	-0.50732	0.52770
56	0.55733	-0.02127	-0.45244	0.36514	-0.09239
57	-0.16412	1.15398	-0.85292	-0.17950	-0.32030
58	-3.60382	0.44773	-1.53357	0.56014	-0.01870
59	-5.48764	0.85320	-0.10789	-0.39219	0.19040
60	-2.75455	-1.23042	-0.32934	-0.46590	-0.08459
61	2.28595	-0.27494	-0.56631	-1.69147	-0.37823
62	-2.51783	0.24010	-0.92208	-0.84380	-0.19438
63	-0.24313	1.24629	-0.61142	-0.99697	-0.11334
64	0.17952	1.36751	-0.46945	-0.33387	0.06304
65	-2.71387	0.79529	-1.03713	0.43733	0.08730
66	-2.76422	0.83514	-0.66159	-0.93860	0.80144
67	4.86105	0.98212	-0.19715	0.43307	0.28542
68	-0.08084	1.75986	0.18331	0.21542	0.05887
69	1.49661	1.33957	0.25825	-0.45242	-0.11428
70	-2.04617	0.77944	-0.94209	0.60610	-0.41306
71	-5.35545	-0.70646	-0.55029	0.59217	0.03381
72	-2.51744	0.67032	0.94289	-0.36661	0.13565
73	-5.44628	1.81546	2.27551	0.40818	0.95580
74	-1.99249	2.43480	2.70391	-0.45051	0.57040
75	-6.69526	0.54494	2.35628	-0.42058	0.41302
76	3.30144	1.15437	-0.59316	-0.57804	0.18524
77	0.96325	-0.18280	0.31246	-0.66925	-0.48003

Obs	Prin1	Prin2	Prin3	Prin4	Prin5
78	1.30961	0.25832	0.24017	-0.75023	-0.32933
79	2.18430	0.16208	1.58365	0.68238	-0.48030
80	3.15811	-1.05177	0.15871	0.28531	0.07612
81	2.00280	-1.26544	0.64047	0.28309	0.44063
82	-1.83647	-2.21294	0.27417	0.28935	0.64235
83	-0.99940	-1.67352	2.23895	-0.37569	-0.08958
84	0.91938	-1.59484	-0.02837	0.48157	-0.12558
85	-1.80317	-2.69597	-0.74192	0.24157	0.37071
86	-0.29115	0.03537	-1.00836	0.15843	-0.44535
87	-0.48243	0.24451	-0.77409	0.10671	-0.57441
88	1.88804	-0.59783	-0.72131	0.66432	0.15155
89	2.03853	-0.65873	-0.93466	0.49960	-0.07722
90	-0.90455	-3.68468	0.48905	-0.71467	0.63319
91	-2.19704	-2.09000	-0.53196	0.14201	-0.05220
92	1.07690	-2.21368	-0.23119	-0.13569	-0.33986
93	1.36800	-2.38319	-0.47609	-0.05553	0.44995
94	3.45017	-1.41870	-0.44605	0.04710	0.05992
95	1.15525	-2.72416	-0.80306	-0.21563	0.09521
96	4.71461	-1.42762	0.02208	-0.04089	0.37429
97	5.37363	0.09075	-0.61948	0.10720	0.27373
98	4.46070	-0.47972	0.15730	0.63293	0.09759
99	1.82961	-0.62653	-0.11218	0.25781	0.09109
100	3.89885	-0.07893	0.20978	0.01719	0.19092

