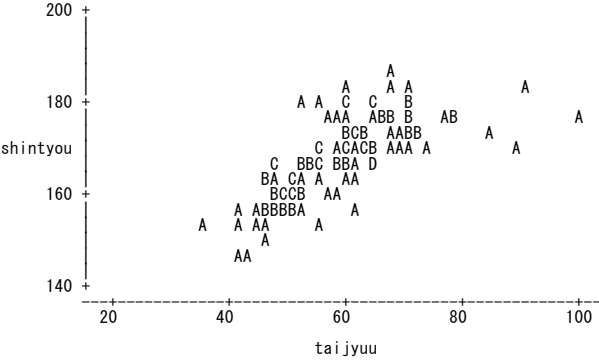


Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa
1	F	146.7	41.0	85	J	10000	Vodafone	6000
2	F	148.0	43.0	80	J	50000	DoCoMo	4000
3	F	150.0	46.0	86		40000		.
4	F	151.7	41.5	80	J	35000		.
5	F	152.0	35.0	77	J	60000	DoCoMo	2000
6	F	153.0	46.5	87	G	10000		.
7	F	153.0	55.0	78	J	30000		.
8	F	154.4	44.0	75	J	9000	au	2000
9	F	155.0	48.0	83	G	180000		.
10	F	156.0	42.0	85	J	0	DoCoMo	15000

Plot of shintyuu\*taijyuu. Legend: A = 1 obs, B = 2 obs, etc.



## PRINCOMP プロシジャ

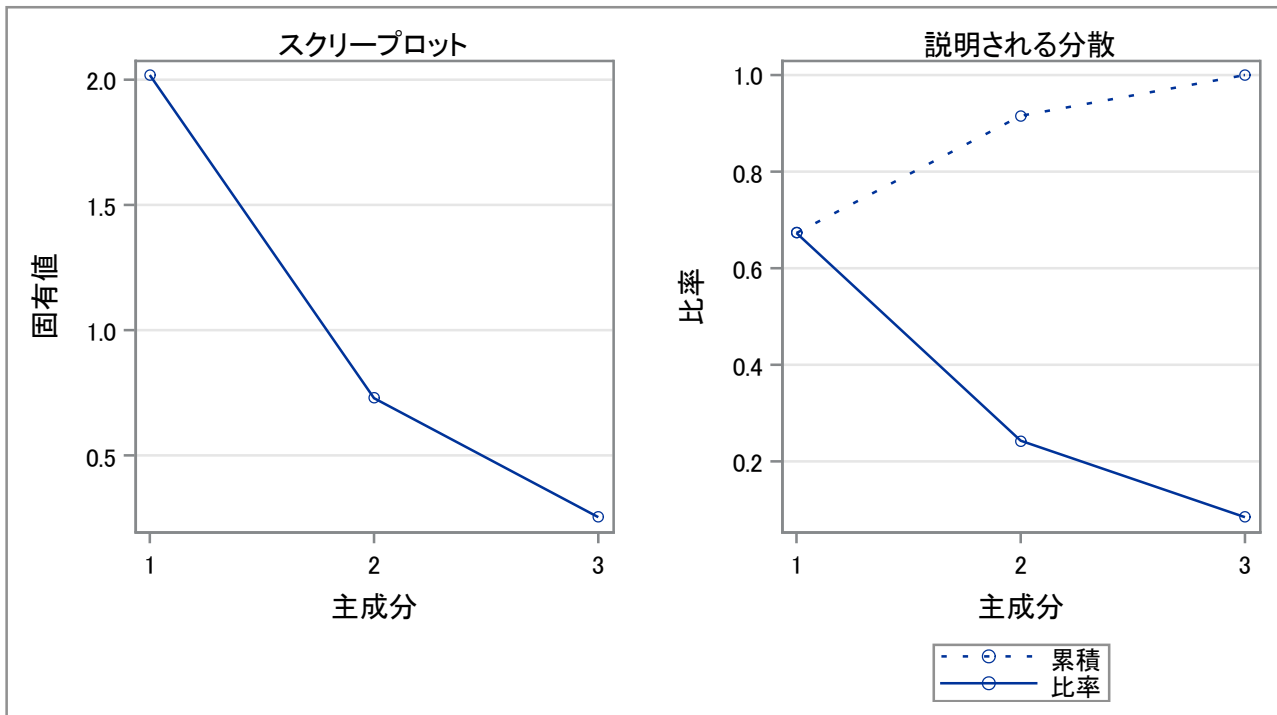
オブザベーション数	122
変数の数	3

単純統計量			
	shintyou	taijyuu	kyoui
Mean	167.7467213	59.06065574	86.06065574
StD	8.6343843	10.68154783	8.18762983

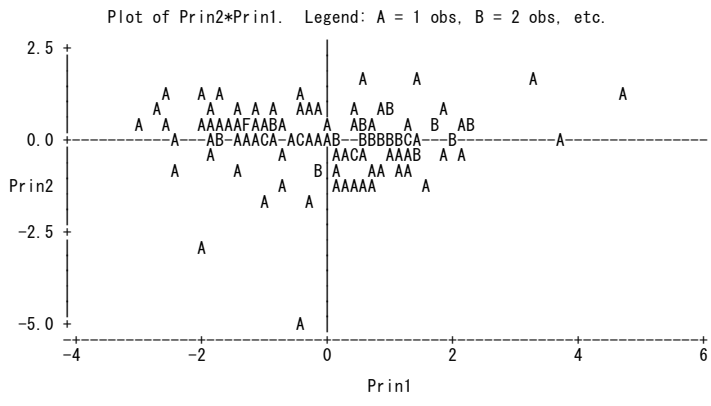
相関行列			
	shintyou	taijyuu	kyoui
shintyou	1.0000	0.7187	0.3019
taijyuu	0.7187	1.0000	0.4761
kyoui	0.3019	0.4761	1.0000

相関行列の固有値				
	固有値	差	比率	累積
1	2.01846742	1.29015748	0.6728	0.6728
2	0.72830994	0.47508731	0.2428	0.9156
3	0.25322264		0.0844	1.0000

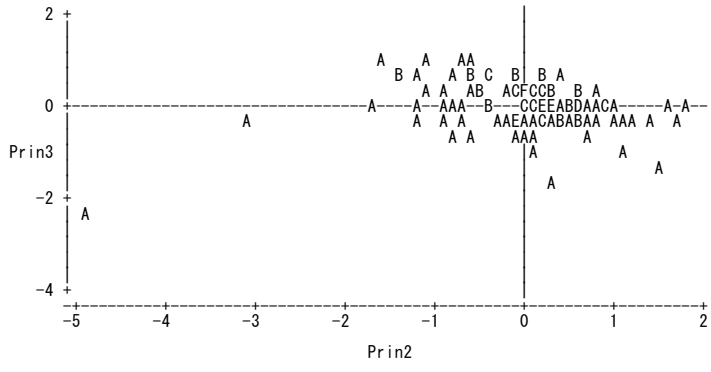
固有ベクトル			
	Prin1	Prin2	Prin3
shintyou	0.596585	-0.499433	0.628214
taijyuu	0.644536	-0.168237	-0.745834
kyoui	0.478183	0.849861	0.221535

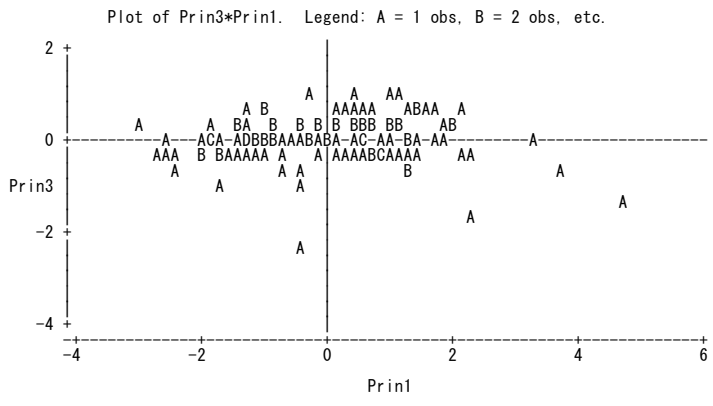


Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa	Prin1	Prin2	Prin3
1	F	146.7	41.0	85	J	10000	Vodafone	6000	-2.60595	1.39176	-0.29892
2	F	148.0	43.0	80	J	50000	DoCoMo	4000	-2.68746	0.76607	-0.47927
3	F	150.0	46.0	86		40000		.	-2.01783	1.22592	-0.38089
4	F	151.7	41.5	80	J	35000		.	-2.52232	0.57568	-0.10534
5	F	152.0	35.0	77	J	60000	DoCoMo	2000	-3.06902	0.34931	0.28918
6	F	153.0	46.5	87	G	10000		.	-1.72197	1.14832	-0.17047
7	F	153.0	55.0	78	J	30000		.	-1.73470	0.08026	-1.00750
8	F	154.4	44.0	75	J	9000	au	2000	-2.47693	-0.13886	-0.21874
9	F	155.0	48.0	83	G	180000		.	-1.72689	0.59382	-0.23792
10	F	156.0	42.0	85	J	0	DoCoMo	15000	-1.90303	0.83807	0.30789
11	F	156.0	46.0	82	J	10000	Vodafone	7000	-1.83688	0.46368	-0.05258
12	F	156.0	48.0	70	J	30000		.	-2.41703	-0.81340	-0.51691
13	F	156.0	49.0	85	J	25000		.	-1.48065	0.72782	-0.18088
14	F	156.0	50.0	82	J	40000	Vodafone	10000	-1.59551	0.40068	-0.33187
15	M	156.0	61.0	90	J	0		.	-0.46454	1.05781	-0.88349



Plot of Prin3\*Prin2. Legend: A = 1 obs, B = 2 obs, etc.





Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa	Prin1	Prin2	Prin3
1	F	152.0	35.0	77.0	J	60000	DoCoMo	2000	-3.06902	0.34931	0.28918
2	F	148.0	43.0	80.0	J	50000	DoCoMo	4000	-2.68746	0.76607	-0.47927
3	F	146.7	41.0	85.0	J	10000	Vodafone	6000	-2.60595	1.39176	-0.29892
4	F	151.7	41.5	80.0	J	35000		.	-2.52232	0.57568	-0.10534
5	F	154.4	44.0	75.0	J	9000	au	2000	-2.47693	-0.13886	-0.21874
6	F	156.0	48.0	70.0	J	30000		.	-2.41703	-0.81340	-0.51691
7	M	168.0	54.0	56.0		40000		.	-2.04350	-3.05518	-0.44157
8	F	150.0	46.0	86.0		40000		.	-2.01783	1.22592	-0.38089
9	F	156.5	45.0	80.0	G	60000	au	10000	-1.97948	0.24291	-0.00049
10	F	156.0	42.0	85.0	J	0	DoCoMo	15000	-1.90303	0.83807	0.30789
11	F	156.0	46.0	82.0	J	10000	Vodafone	7000	-1.83688	0.46368	-0.05258
12	F	158.0	46.0	80.0		27500	Willcom	3000	-1.81550	0.14040	0.03883
13	M	160.0	48.0	76.0	J	5000	No	.	-1.79024	-0.42198	-0.06354
14	F	153.0	55.0	78.0	J	30000		.	-1.73470	0.08026	-1.00750
15	F	155.0	48.0	83.0	G	180000		.	-1.72689	0.59382	-0.23792
16	F	153.0	46.5	87.0	G	10000		.	-1.72197	1.14832	-0.17047
17	F	159.5	47.0	80.0	J	60000		25000	-1.65151	0.03788	0.07814
18	F	156.0	50.0	82.0	J	40000	Vodafone	10000	-1.59551	0.40068	-0.33187
19	F	166.0	47.0	75.0	J	30000	J-PHONE	8000	-1.49442	-0.85708	0.41577
20	F	156.0	49.0	85.0	J	25000		.	-1.48065	0.72782	-0.18088
21	M	163.0	46.0	80.0	J	50000		.	-1.47003	-0.14881	0.40261
22	F	159.0	49.0	83.0		80000	DoCoMo	12000	-1.39017	0.34670	-0.01672
23	F	158.0	49.0	85.0	J	0		.	-1.34246	0.61214	-0.03536
24	F	162.0	47.0	83.0	J	200000		.	-1.30357	0.20467	0.34120
25	F	158.0	50.0	85.0	J	30000	DoCoMo	10000	-1.28212	0.59639	-0.10519
26	F	162.0	45.5	85.0	G	55000	au	5000	-1.27728	0.43589	0.50005
27	F	159.0	49.0	85.0	J	0	DoCoMo	10000	-1.27336	0.55429	0.03739
28	F	160.0	50.0	83.0	G	150000	DoCoMo	12000	-1.26073	0.27311	-0.01379
29	F	157.0	53.0	84.0	J	30000		.	-1.22859	0.50318	-0.41448
30	F	161.0	53.0	80.0		20000		10000	-1.18583	-0.14338	-0.23168
31	F	160.0	50.0	85.0	J	20000	Vodafone	5000	-1.14393	0.48070	0.04033
32	F	159.0	49.0	88.0	J	30000		.	-1.09815	0.86569	0.11857
33	M	163.0	51.0	82.0	J	10000		.	-1.05151	-0.01997	0.10760
34	M	170.0	55.0	70.0		50000	J-PHONE	7000	-1.02733	-1.73344	0.01292
35	F	166.0	48.0	82.0		50000		.	-1.02526	-0.14625	0.53535
36	F	166.0	48.0	82.0	G	300000		.	-1.02526	-0.14625	0.53535
37	F	160.0	53.0	84.0	J	25000	DoCoMo	3000	-1.02131	0.32965	-0.19620
38	F	164.0	51.0	83.0	J	70000		.	-0.92402	0.02599	0.20742
39	F	160.0	50.0	89.0	J	65000		.	-0.91032	0.89589	0.14856
40	F	162.0	52.0	86.0	J	30000		.	-0.82665	0.43731	0.07325
41	F	164.0	51.0	85.0	J	40000		.	-0.80721	0.23358	0.26153
42	M	169.0	56.0	75.0	J	50000		.	-0.74407	-1.17236	0.00562
43	M	163.0	60.0	78.0		80000		.	-0.74206	-0.57691	-0.62905



Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa	Prin1	Prin2	Prin3
44	F	160.2	57.2	85.0	G	75000	DoCoMo	9000	-0.69565	0.35573	-0.44786
45	F	165.0	54.0	84.0	G	50000	Vodafone	10000	-0.61550	0.02469	0.09776
46	F	167.0	53.0	85.0	J	50000	au	13000	-0.47925	0.02855	0.34015
47	F	167.0	53.0	85.0	G	130000		.	-0.47925	0.02855	0.34015
48	M	173.0	84.0	46.0	G	350000		.	-0.47183	-4.85488	-2.44310
49	M	156.0	61.0	90.0	J	0		.	-0.46454	1.05781	-0.88349
50	M	166.0	55.0	85.0		100000		.	-0.42766	0.05490	0.12775
51	F	160.0	59.0	88.0	G	100000		.	-0.42565	0.65034	-0.50692
52	F	163.0	55.0	90.0	J	100000	J-PHONE	.	-0.34292	0.74741	0.04476
53	F	165.0	58.0	85.0		50000	DoCoMo	10000	-0.31573	0.06549	-0.15448
54		179.0	52.0	76.0	J	0		7000	-0.23609	-1.58399	1.03955
55	M	165.0	55.0	90.0	J	10000	DoCoMo	7000	-0.20474	0.63173	0.19028
56		168.0	56.0	86.0	J	20000	UQ-mobil	2140	-0.17073	0.02726	0.23050
57	M	168.0	62.0	80.0	G	120000		.	-0.15910	-0.69003	-0.35080
58		170.0	60.0	80.0	J	80000		2000	-0.14159	-0.77421	-0.06563
59	M	166.0	60.0	88.0	G	150000		.	0.04926	0.28754	-0.14020
60	M	168.0	58.0	88.0	G	15000		.	0.06676	0.20336	0.14496
61	M	170.0	60.0	84.0	G	120000		.	0.09202	-0.35902	0.04260
62		170.0	65.0	80.0	G	105000		3000	0.16011	-0.85297	-0.41475
63	M	175.0	60.0	80.0	J	15000		.	0.20388	-1.06343	0.29815
64	M	170.0	58.0	88.0	G	163000		.	0.20495	0.08767	0.29048
65	M	171.0	56.0	89.0	J	65000		.	0.21177	0.16513	0.52994
66	M	178.0	59.0	78.0	J	0	Vodafone	10000	0.23401	-1.42880	0.53214
67	M	168.0	65.0	85.0		.		.	0.31394	-0.21829	-0.42498
68	M	176.0	57.0	85.0	J	20000	au	3000	0.38397	-0.55503	0.71567
69	M	180.5	55.0	82.0	J	0		.	0.39900	-1.09521	1.10156
70	M	170.0	60.0	90.0	J	0		.	0.44244	0.26377	0.20494
71	M	170.0	65.0	85.0	J	60000		.	0.45213	-0.33398	-0.27947
72	M	167.0	60.0	94.0	J	.		.	0.46877	0.85249	0.09490
73	M	173.0	60.0	87.0	G	100000		.	0.47451	-0.22115	0.34204
74	M	174.3	62.4	85.0	J	20000		.	0.59235	-0.54175	0.21493
75	M	162.0	62.0	100.0	J	0		.	0.59440	1.73299	-0.24619
76	M	181.0	60.0	80.0	G	160000		.	0.61844	-1.41048	0.73470
77	M	170.0	63.0	90.0	J	30000		.	0.62346	0.21652	-0.00453
78	M	170.0	63.0	90.0		0	au	2500	0.62346	0.21652	-0.00453
79	M	171.0	62.0	90.0	J	0		.	0.63222	0.17442	0.13805
80	M	172.0	61.0	90.0	J	25000		.	0.64097	0.13233	0.28063
81	M	172.0	62.0	89.0	G	130000		.	0.64291	0.01278	0.18375
82	M	167.0	65.0	92.0		78000		.	0.65367	0.56614	-0.30834
83	M	175.0	68.0	80.0		150000	au	15000	0.68661	-1.18943	-0.26044
84	M	174.0	60.0	90.0	J	10000		.	0.71882	0.03240	0.49597
85	M	179.0	60.0	85.0	J	300000		.	0.77227	-0.77580	0.72447
86	M	176.0	67.0	83.0	G	0		.	0.87057	-0.92013	-0.03669

Obs	sex	shintyou	taijyuu	kyoui	jitaku	kodukai	carryer	tsuuwa	Prin1	Prin2	Prin3
87	M	167.0	65.0	96.0	J	30000		.	0.88728	0.98133	-0.20011
88	M	169.0	69.0	90.0		.		.	0.91642	0.17986	-0.49624
89		170.0	68.0	90.0	J	80000		3000	0.92517	0.13776	-0.35366
90	M	170.0	63.0	96.0	J	30000		.	0.97388	0.83930	0.15781
91		180.0	60.0	87.4	J	0		5000	0.98153	-0.58453	0.86216
92	M	172.0	62.0	95.0	J	15000		.	0.99333	0.63557	0.34609
93	M	174.0	63.0	92.0	J	30000	au	3000	1.01665	0.19274	0.34061
94	M	171.0	70.0	89.0	J	60000		.	1.05654	-0.05538	-0.44760
95	M	175.0	65.0	90.0	J	.		.	1.08962	-0.10420	0.21960
96	M	182.0	60.0	87.0	G	100000		.	1.09636	-0.74174	0.99686
97	M	177.0	66.0	87.0	G	40000	DoCoMo	6000	1.11294	-0.54703	0.21412
98	M	172.0	70.0	90.0	J	30000		.	1.18404	-0.00942	-0.34779
99	M	172.0	72.0	89.0	G	150000		.	1.24632	-0.14472	-0.51450
100	M	173.8	69.6	90.0	J	30000	DoCoMo	13000	1.28427	-0.10724	-0.18890
101	M	170.0	74.0	90.0	J	0		.	1.28721	0.04326	-0.77260
102		177.0	70.0	86.0	J	0		5500	1.29590	-0.71382	-0.09223
103	M	173.0	68.0	93.0		30000	au	350	1.30766	0.27563	-0.05421
104	M	180.0	65.0	88.0	J	30000		.	1.31828	-0.60100	0.52928
105		173.0	72.0	90.0	J	0		1500	1.37381	-0.09876	-0.41468
106	M	180.0	64.0	90.0	J	35000		.	1.37474	-0.37766	0.65322
107	M	180.0	64.0	90.0	G	60000	au	10000	1.37474	-0.37766	0.65322
108	M	168.0	65.0	104.0	G	60000	au	.	1.42360	1.75387	0.08910
109	M	184.0	68.0	85.0		30000		.	1.60047	-1.19102	0.52966
110	M	178.0	66.0	95.0	J	30000	au	3000	1.64925	0.22552	0.50334
111	M	175.0	70.0	95.0	G	50000		8000	1.68334	0.33604	0.00577
112	M	182.0	70.0	90.0	G	100000		.	1.87498	-0.58784	0.37978
113	M	173.0	71.0	100.0	G	0		.	1.89750	0.95497	-0.07429
114	M	180.0	70.0	94.0	G	70000	au	5000	1.97040	-0.05697	0.34250
115	M	178.7	71.2	95.0		0		.	2.01139	0.10313	0.19118
116	M	175.0	77.0	95.0	G	130000		.	2.10572	0.22579	-0.48300
117	M	185.0	68.0	93.0	J	0		.	2.13679	-0.41848	0.81888
118	M	176.5	78.0	96.0	J	10000		.	2.32811	0.22708	-0.41664
119	M	169.3	88.5	94.0	J	0		.	2.34741	0.27057	-1.72776
120	M	178.0	78.0	110.0	G	50000		.	3.24939	1.59349	0.07130
121	M	182.0	90.0	100.0	J	40000		.	3.66583	0.13513	-0.74614
122	M	178.0	100.0	112.0	G	60000		.	4.69370	1.45458	-1.41072