

Gym Project

The PRINCOMP Procedure

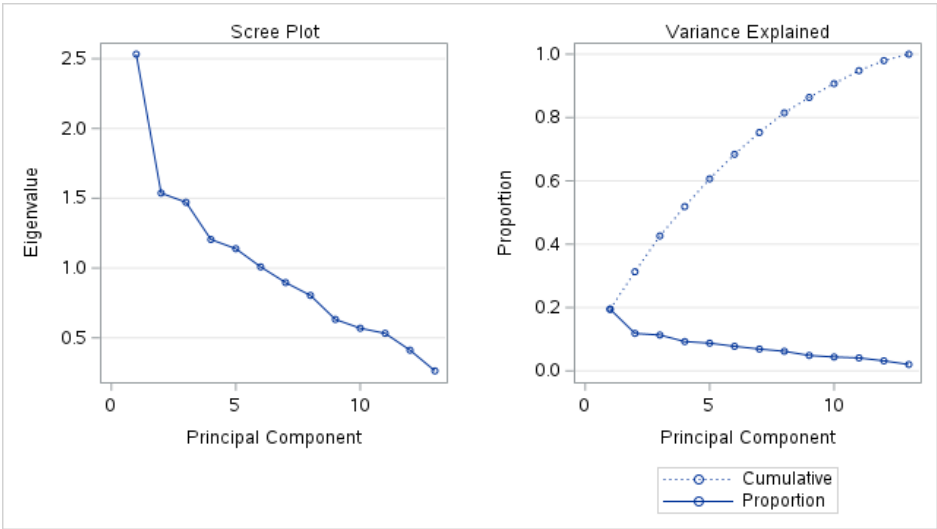
Observations	136
Variables	13

Simple Statistics													
	VAR6	VAR7	VAR8	VAR9	VAR10	VAR11	VAR12	VAR13	VAR14	VAR15	VAR16	VAR17	VAR18
Mean	4.794117647	3.529411765	5.720588235	3.852941176	5.713235294	3.963235294	3.294117647	3.720588235	3.772058824	5.823529412	5.044117647	2.676470588	4.286764706
Std	2.105082552	1.733936547	1.433416930	1.957055278	1.524652180	2.045439691	1.936463547	2.333940164	1.801098067	1.310257837	2.227330730	1.833363042	2.075993607

Correlation Matrix														
		VAR6	VAR7	VAR8	VAR9	VAR10	VAR11	VAR12	VAR13	VAR14	VAR15	VAR16	VAR17	VAR18
VAR6	car_usage	1.0000	-.0592	-.0585	0.1994	-.0647	-.0499	0.0804	0.1375	-.0144	-.1046	0.6876	0.0805	0.1272
VAR7	workout_times	-.0592	1.0000	-.1189	0.0318	0.0214	-.0216	-.1945	-.1865	0.1480	0.1947	-.0214	-.1787	-.3038
VAR8	price	-.0585	-.1189	1.0000	0.2097	0.2003	0.0925	0.1099	0.1293	0.1043	0.1905	0.1385	0.0753	0.1167
VAR9	installments	0.1994	0.0318	0.2097	1.0000	0.0727	0.1319	0.0995	0.1223	0.1627	-.0506	0.3397	0.2158	0.1363
VAR10	closeness_home	-.0647	0.0214	0.2003	0.0727	1.0000	0.0251	-.1418	0.0606	0.0542	0.1154	0.0212	-.1580	-.0113
VAR11	closeness_workplace	-.0499	-.0216	0.0925	0.1319	0.0251	1.0000	0.2346	0.1685	0.0118	0.0031	0.0703	0.1766	-.0010
VAR12	training_wfriends	0.0804	-.1945	0.1099	0.0995	-.1418	0.2346	1.0000	0.2642	0.0109	0.0060	0.0811	0.0333	0.1742
VAR13	courses	0.1375	-.1865	0.1293	0.1223	0.0606	0.1685	0.2642	1.0000	0.2438	-.0066	0.2432	0.2297	0.3943
VAR14	training_machines	-.0144	0.1480	0.1043	0.1627	0.0542	0.0118	0.0109	0.2438	1.0000	0.0331	0.0912	0.2198	0.3009
VAR15	time_flexibility	-.1046	0.1947	0.1905	-.0506	0.1154	0.0031	0.0060	-.0066	0.0331	1.0000	-.0075	-.0579	0.0160
VAR16	park_availability	0.6876	-.0214	0.1385	0.3397	0.0212	0.0703	0.0811	0.2432	0.0912	-.0075	1.0000	0.1559	0.1655
VAR17	amenities	0.0805	-.1787	0.0753	0.2158	-.1580	0.1766	0.0333	0.2297	0.2198	-.0579	0.1559	1.0000	0.2270
VAR18	personalized_programs	0.1272	-.3038	0.1167	0.1363	-.0113	-.0010	0.1742	0.3943	0.3009	0.0160	0.1655	0.2270	1.0000

Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.53215869	0.99513948	0.1948	0.1948
2	1.53701921	0.06601915	0.1182	0.3130
3	1.47100006	0.26647287	0.1132	0.4262
4	1.20452719	0.06591959	0.0927	0.5188
5	1.13860760	0.13021005	0.0876	0.6064
6	1.00839755	0.11219040	0.0776	0.6840
7	0.89620715	0.09234167	0.0689	0.7529
8	0.80386547	0.17168752	0.0618	0.8148
9	0.63217795	0.06335222	0.0486	0.8634
10	0.56882573	0.03658807	0.0438	0.9071
11	0.53223767	0.12065781	0.0409	0.9481
12	0.41157986	0.14818400	0.0317	0.9797
13	0.26339586		0.0203	1.0000

Eigenvectors														
		Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11	Prin12	Prin13
VAR6	car_usage	0.316011	-.591295	0.078092	0.081324	-.118310	0.151869	0.020092	0.117753	-.087401	0.142420	0.133188	0.035802	0.662964
VAR7	workout_times	-.203403	-.112888	0.475640	-.223821	0.434662	0.267073	0.175680	-.101481	-.074494	-.156198	-.158498	0.559082	0.022173
VAR8	price	0.201390	0.324576	0.310383	0.309197	-.154056	-.186719	-.402977	-.225841	-.552553	0.033246	-.191447	0.169129	0.135950
VAR9	installments	0.321169	-.091411	0.273542	0.039942	0.248830	-.361938	-.103633	-.447394	0.546956	-.187898	-.144008	-.211590	0.091011
VAR10	closeness_home	-.002785	0.196758	0.444577	0.188399	-.368106	-.320005	0.468033	0.194285	0.177692	-.019742	0.403801	0.195948	-.003778
VAR11	closeness_workplace	0.170638	0.212792	-.046416	0.361519	0.573743	-.113402	0.280915	0.362420	-.011214	0.421592	-.223918	-.075555	0.082071
VAR12	training_wfriends	0.246392	0.156443	-.269077	0.398337	0.172886	0.407767	0.106691	-.435403	0.036960	-.063048	0.487201	0.196207	-.073596
VAR13	courses	0.403157	0.204092	-.082923	-.049071	-.100588	0.201030	0.350180	0.192624	-.134875	-.655491	-.313585	-.147721	0.090827
VAR14	training_machines	0.234867	0.234780	0.221916	-.579329	0.106094	0.085461	0.199736	-.217599	-.278761	0.303076	0.277317	-.388783	0.037749
VAR15	time_flexibility	-.038418	0.257587	0.407586	0.114309	-.016263	0.541403	-.414426	0.328013	0.323732	-.005099	0.089971	-.254056	0.052815
VAR16	park_availability	0.405800	-.447759	0.239437	0.115279	-.037656	0.077577	-.022528	0.130924	-.148940	0.079592	-.018256	-.051792	-.712461
VAR17	amenities	0.313656	0.092958	-.154856	-.297421	0.289931	-.295087	-.389164	0.394387	-.001039	-.222861	0.399101	0.305718	0.000258
VAR18	personalized_programs	0.378146	0.207840	-.144014	-.261505	-.331260	0.155821	-.005025	-.035657	0.355506	0.399064	-.325945	0.443289	-.031478



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Gym Project

The CORR Procedure

14 Variables: Prin1 Prin2 Prin3 Prin4 Prin5 Prin6 Prin7 Prin8 Prin9 Prin10 Prin11 Prin12 Prin13 avg

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Prin1	136	0	1.59128	0	-4.00825	4.09072
Prin2	136	0	1.23977	0	-2.75322	3.05836
Prin3	136	0	1.21285	0	-3.02427	2.58983
Prin4	136	0	1.09751	0	-2.25233	3.19151
Prin5	136	0	1.06706	0	-2.41089	2.58817
Prin6	136	0	1.00419	0	-3.62980	2.45006
Prin7	136	0	0.94668	0	-2.81237	2.85471
Prin8	136	0	0.89659	0	-2.67737	2.86122
Prin9	136	0	0.79510	0	-1.67006	2.04315
Prin10	136	0	0.75421	0	-1.58513	1.78019
Prin11	136	0	0.72955	0	-1.90800	1.68159
Prin12	136	0	0.64154	0	-1.38703	1.66590
Prin13	136	0	0.51322	0	-1.64734	1.23591
avg	136	4.32240	0.76015	587.84615	2.61538	6.38462

Pearson Correlation Coefficients, N = 136														
Prob >  r  under H0: Rho=0														
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11	Prin12	Prin13	avg
Prin1	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.90647 <.0001
Prin2	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.09100 0.2920
Prin3	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.33406 <.0001
Prin4	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.02921 0.7357
Prin5	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.15256 0.0762
Prin6	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.11832 0.1701
Prin7	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.08825 0.3069
Prin8	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.04492 0.6036
Prin9	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.02385 0.7828
Prin10	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00195 0.9821
Prin11	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.00000 1.0000	0.03324 0.7009
Prin12	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.00000 1.0000	0.08990 0.2979
Prin13	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	0.00000 1.0000	1.00000	0.02722 0.7531

Pearson Correlation Coefficients, N = 136 Prob >  r  under H0: Rho=0														
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11	Prin12	Prin13	avg
avg	0.90647 <.0001	0.09100 0.2920	0.33406 <.0001	0.02921 0.7357	0.15256 0.0762	0.11832 0.1701	0.08825 0.3069	0.04492 0.6036	0.02385 0.7828	0.00195 0.9821	0.03324 0.7009	0.08990 0.2979	0.02722 0.7531	1.00000

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Gym Project

The PRINCOMP Procedure

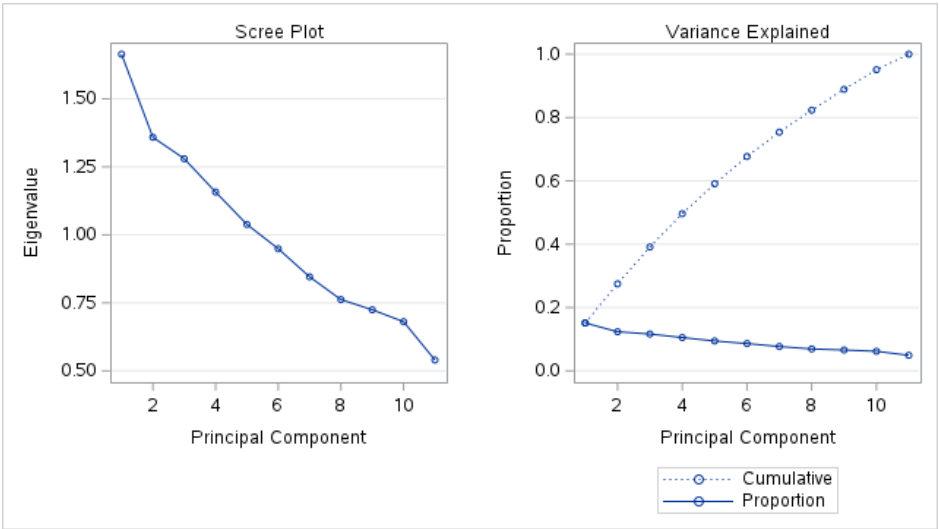
Observations	136
Variables	11

Simple Statistics											
	nvar8	nvar9	nvar10	nvar11	nvar12	nvar13	nvar14	nvar15	nvar16	nvar17	nvar18
Mean	0.5816246620	-.1499848276	0.5449299199	-.0761469732	-.3026145570	-.1331843107	-.1357048369	0.6124883601	0.3403626311	-.5114024945	0.0469846234
StD	0.4992269406	0.6442917815	0.5626529510	0.7027896125	0.6388878328	0.7979720598	0.6123633071	0.4784562232	0.7527232391	0.6110602691	0.7105689498

Correlation Matrix												
		nvar8	nvar9	nvar10	nvar11	nvar12	nvar13	nvar14	nvar15	nvar16	nvar17	nvar18
nvar8	price	1.0000	0.0530	0.1161	0.0090	0.0442	0.0538	0.0051	0.1201	0.0222	0.0452	0.0635
nvar9	installments	0.0530	1.0000	0.0318	0.0261	-.0753	-.0378	0.0065	-.1708	0.1965	0.0913	-.0162
nvar10	closeness_home	0.1161	0.0318	1.0000	0.0497	-.1793	-.0555	-.0668	0.0421	-.1112	-.2032	-.1156
nvar11	closeness_workplace	0.0090	0.0261	0.0497	1.0000	0.0900	0.0220	-.1443	-.0507	-.0386	0.0124	-.1438
nvar12	training_wfriends	0.0442	-.0753	-.1793	0.0900	1.0000	0.1638	-.1040	-.0252	-.0264	-.0446	0.0332
nvar13	courses	0.0538	-.0378	-.0555	0.0220	0.1638	1.0000	0.0994	-.0643	0.1739	0.1097	0.2927
nvar14	training_machines	0.0051	0.0065	-.0668	-.1443	-.1040	0.0994	1.0000	-.0112	-.0299	0.1544	0.1608
nvar15	time_flexibility	0.1201	-.1708	0.0421	-.0507	-.0252	-.0643	-.0112	1.0000	-.1725	-.0352	-.0204
nvar16	park_availability	0.0222	0.1965	-.1112	-.0386	-.0264	0.1739	-.0299	-.1725	1.0000	0.0881	0.0253
nvar17	amenities	0.0452	0.0913	-.2032	0.0124	-.0446	0.1097	0.1544	-.0352	0.0881	1.0000	0.0780
nvar18	personalized_programs	0.0635	-.0162	-.1156	-.1438	0.0332	0.2927	0.1608	-.0204	0.0253	0.0780	1.0000

Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	1.66405719	0.30553498	0.1513	0.1513
2	1.35852222	0.07870970	0.1235	0.2748
3	1.27981252	0.12234052	0.1163	0.3911
4	1.15747200	0.11907012	0.1052	0.4964
5	1.03840188	0.08951021	0.0944	0.5908
6	0.94889167	0.10321416	0.0863	0.6770
7	0.84567751	0.08366125	0.0769	0.7539
8	0.76201627	0.03745738	0.0693	0.8232
9	0.72455889	0.04383737	0.0659	0.8890
10	0.68072152	0.14085319	0.0619	0.9509
11	0.53986833		0.0491	1.0000

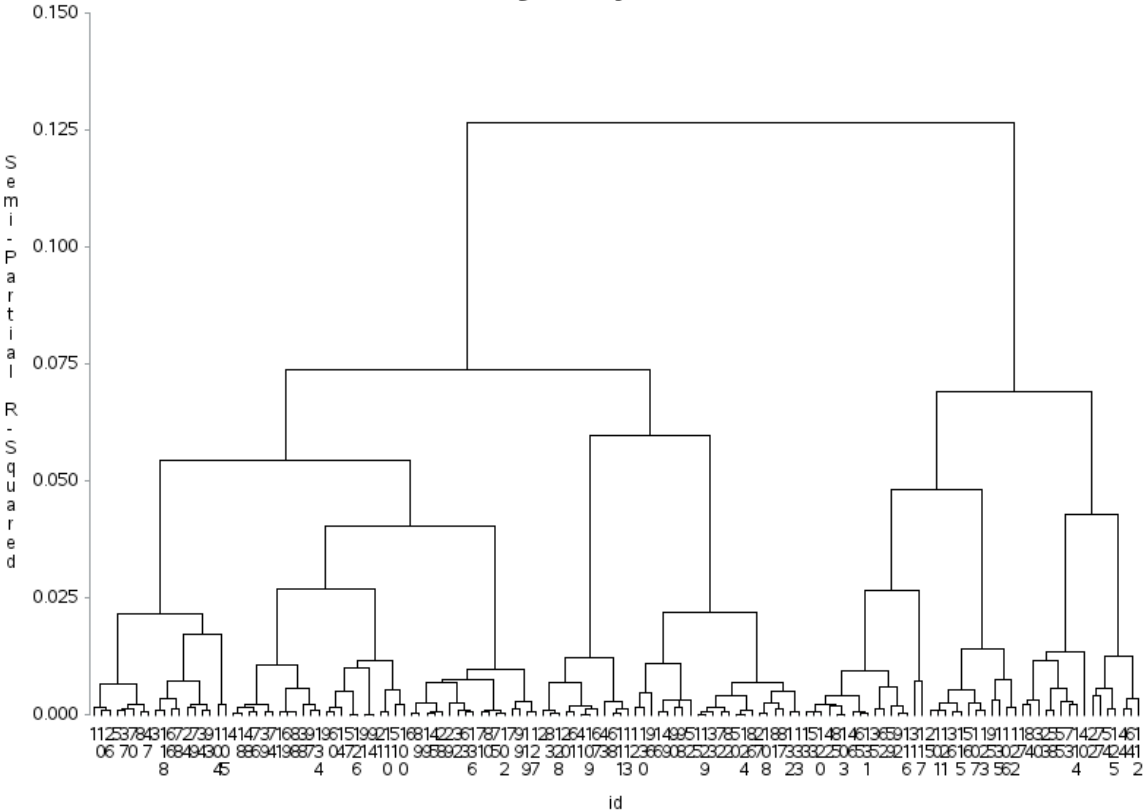
Eigenvectors												
		Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9	Prin10	Prin11
nvar8	price	0.033547	0.122432	-.037095	0.716645	0.307690	-.242982	-.236693	0.196390	-.327111	-.286715	-.177246
nvar9	installments	0.139374	-.536033	-.242742	0.209125	0.090714	-.095857	-.412920	-.342851	0.474157	0.185002	-.161456
nvar10	closeness_home	-.364576	-.042070	-.234176	0.497477	-.286461	0.332862	0.074923	0.094150	-.048852	0.425331	0.415169
nvar11	closeness_workplace	-.147444	-.262894	0.410938	0.153373	0.346993	0.581326	0.156094	-.105784	0.198211	-.414376	0.108897
nvar12	training_wfriends	0.123276	0.102843	0.671360	0.016746	0.019853	-.159621	-.454544	0.216141	0.149433	0.296719	0.365580
nvar13	courses	0.464058	0.128528	0.256407	0.295551	-.227017	0.249018	0.320867	0.090173	0.149994	0.308627	-.522162
nvar14	training_machines	0.304185	0.252741	-.418212	-.109661	0.081035	0.358655	-.265267	0.527245	0.351631	-.187988	0.118868
nvar15	time_flexibility	-.217969	0.487864	-.051254	0.149532	0.329177	-.310168	0.338711	-.161361	0.574642	0.079653	0.087229
nvar16	park_availability	0.338560	-.436995	-.013057	0.126712	-.144876	-.384348	0.460275	0.299913	0.125003	-.212446	0.383293
nvar17	amenities	0.377953	-.056192	-.142614	-.093462	0.654253	0.121597	0.167710	-.099625	-.327001	0.433874	0.221042
nvar18	personalized_programs	0.443551	0.322006	-.038540	0.157711	-.280611	0.090540	-.094114	-.604222	-.072508	-.269441	0.366714



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The TREE Procedure  
Ward's Minimum Variance Cluster Analysis

Gym Project



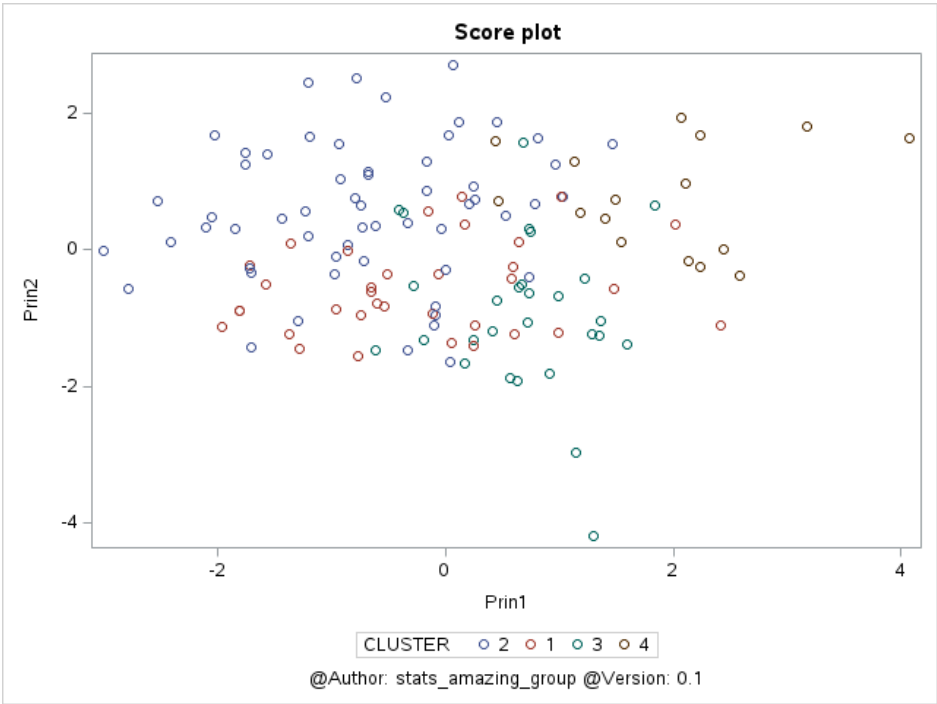
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Gym Project

The FREQ Procedure

CLUSTER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	34	25.00	34	25.00
2	58	42.65	92	67.65
3	28	20.59	120	88.24
4	16	11.76	136	100.00

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Score plot

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
nvar6	car_usage	136	0.2434011	0.7469823	-1.0000000	1.0000000
nvar7	workout_times	136	-0.2371574	0.6403901	-1.0000000	1.0000000
nvar8	price	136	0.5816247	0.4992269	-1.0000000	1.0000000
nvar9	installments	136	-0.1499848	0.6442918	-1.0000000	1.0000000
nvar10	closeness_home	136	0.5449299	0.5626530	-1.0000000	1.0000000
nvar11	closeness_workplace	136	-0.0761470	0.7027896	-1.0000000	1.0000000
nvar12	training_wfriends	136	-0.3026146	0.6388878	-1.0000000	1.0000000
nvar13	courses	136	-0.1331843	0.7979721	-1.0000000	1.0000000
nvar14	training_machines	136	-0.1357048	0.6123633	-1.0000000	1.0000000
nvar15	time_flexibility	136	0.6124884	0.4784562	-1.0000000	1.0000000
nvar16	park_availability	136	0.3403626	0.7527232	-1.0000000	1.0000000
nvar17	amenities	136	-0.5114025	0.6110603	-1.0000000	1.0000000
nvar18	personalized_programs	136	0.0469846	0.7105689	-1.0000000	1.0000000

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Score plot

The MEANS Procedure

CLUSTER	N Obs	Variable	Label	N	Mean	Std Dev	Minimum	Maximum
1	34	nvar6	car_usage	34	0.5959660	0.5170654	-1.0000000	1.0000000
		nvar7	workout_times	34	-0.000495191	0.6047196	-1.0000000	1.0000000
		nvar8	price	34	0.6544438	0.4418340	-0.5806452	1.0000000
		nvar9	installments	34	0.1671646	0.5842933	-1.0000000	1.0000000
		nvar10	closeness_home	34	0.6664108	0.4490012	-0.3658537	1.0000000
		nvar11	closeness_workplace	34	-0.5381524	0.5020473	-1.0000000	0.5185185
		nvar12	training_wfriends	34	-0.5428113	0.5128900	-1.0000000	0.4222222
		nvar13	courses	34	-0.4845728	0.7117532	-1.0000000	1.0000000
		nvar14	training_machines	34	-0.2585443	0.5461216	-1.0000000	1.0000000
		nvar15	time_flexibility	34	0.6201199	0.4678440	-0.7400000	1.0000000
		nvar16	park_availability	34	0.8097646	0.3436989	0.0370370	1.0000000
		nvar17	amenities	34	-0.6493093	0.4183767	-1.0000000	0.6976744
		nvar18	personalized_programs	34	-0.1852913	0.7707783	-1.0000000	1.0000000
2	58	nvar6	car_usage	58	-0.1487007	0.7495214	-1.0000000	1.0000000
		nvar7	workout_times	58	-0.1070952	0.6375432	-1.0000000	1.0000000
		nvar8	price	58	0.6279848	0.4396676	-1.0000000	1.0000000
		nvar9	installments	58	-0.3452912	0.6253372	-1.0000000	1.0000000
		nvar10	closeness_home	58	0.7330683	0.4023681	-0.4347826	1.0000000
		nvar11	closeness_workplace	58	0.0754599	0.7432657	-1.0000000	1.0000000
		nvar12	training_wfriends	58	-0.4005551	0.6012356	-1.0000000	1.0000000
		nvar13	courses	58	-0.3985033	0.6811512	-1.0000000	1.0000000
		nvar14	training_machines	58	-0.0599138	0.5657557	-1.0000000	1.0000000
		nvar15	time_flexibility	58	0.8006801	0.2539369	0.2040816	1.0000000
		nvar16	park_availability	58	-0.1832567	0.7597999	-1.0000000	1.0000000
		nvar17	amenities	58	-0.5905787	0.5467035	-1.0000000	1.0000000
		nvar18	personalized_programs	58	0.0330721	0.7224140	-1.0000000	1.0000000
3	28	nvar6	car_usage	28	0.4636586	0.6480144	-1.0000000	1.0000000
		nvar7	workout_times	28	-0.5523209	0.5801264	-1.0000000	1.0000000
		nvar8	price	28	0.3519672	0.6232681	-0.6750000	1.0000000
		nvar9	installments	28	-0.0352041	0.5992401	-1.0000000	1.0000000
		nvar10	closeness_home	28	0.4608157	0.4843248	-1.0000000	1.0000000
		nvar11	closeness_workplace	28	0.2310875	0.5525272	-1.0000000	1.0000000

CLUSTER	N Obs	Variable	Label	N	Mean	Std Dev	Minimum	Maximum
		nvar12	training_wfriends	28	-0.0957560	0.6254962	-1.0000000	1.0000000
		nvar13	courses	28	0.3976018	0.6842190	-1.0000000	1.0000000
		nvar14	training_machines	28	-0.3833000	0.5431919	-1.0000000	1.0000000
		nvar15	time_flexibility	28	0.1116148	0.5912586	-1.0000000	1.0000000
		nvar16	park_availability	28	0.6992242	0.4521016	-0.6750000	1.0000000
		nvar17	amenities	28	-0.5138410	0.6015896	-1.0000000	1.0000000
		nvar18	personalized_programs	28	0.1258326	0.6183701	-1.0000000	1.0000000
4	16	nvar6	car_usage	16	0.5301191	0.6989649	-1.0000000	1.0000000
		nvar7	workout_times	16	-0.6600036	0.4093353	-1.0000000	0.4347826
		nvar8	price	16	0.6607292	0.5042918	-0.5666667	1.0000000
		nvar9	installments	16	-0.3168079	0.6502564	-1.0000000	1.0000000
		nvar10	closeness_home	16	-0.2480186	0.7169560	-1.0000000	1.0000000
		nvar11	closeness_workplace	16	-0.1816208	0.6936463	-1.0000000	1.0000000
		nvar12	training_wfriends	16	0.2008355	0.7063243	-1.0000000	1.0000000
		nvar13	courses	16	0.6464217	0.5332013	-0.3809524	1.0000000
		nvar14	training_machines	16	0.2838782	0.7827597	-1.0000000	1.0000000
		nvar15	time_flexibility	16	0.7906050	0.2554265	0.4347826	1.0000000
		nvar16	park_availability	16	0.6129957	0.6313071	-1.0000000	1.0000000
		nvar17	amenities	16	0.0729304	0.8698847	-1.0000000	1.0000000
		nvar18	personalized_programs	16	0.4530202	0.5051896	-0.5517241	1.0000000

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR2 by CLUSTER					
	CLUSTER					Total
	VAR2(gender)	1	2	3	4	
Female	18	26	19	10		73
	18.25	31.132	15.029	8.5882		
	13.24	19.12	13.97	7.35		53.68
	24.66	35.62	26.03	13.70		
	52.94	44.83	67.86	62.50		
Male	16	31	9	6		62
	15.5	26.441	12.765	7.2941		
	11.76	22.79	6.62	4.41		45.59
	25.81	50.00	14.52	9.68		
	47.06	53.45	32.14	37.50		
Other	0	1	0	0		1
	0.25	0.4265	0.2059	0.1176		
	0.00	0.74	0.00	0.00		0.74
	0.00	100.00	0.00	0.00		
	0.00	1.72	0.00	0.00		
Total	34	58	28	16		136
	25.00	42.65	20.59	11.76		100.00

Statistics for Table of VAR2 by CLUSTER

Statistic	DF	Value	Prob
Chi-Square	6	5.6175	0.4674
Likelihood Ratio Chi-Square	6	6.0362	0.4191
Mantel-Haenszel Chi-Square	1	1.6273	0.2021
Phi Coefficient		0.2032	
Contingency Coefficient		0.1992	
Cramer's V		0.1437	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR3 by CLUSTER					
	CLUSTER					Total
	VAR3(empl_status)	1	2	3	4	
Employed	18	29	22	11		80
	20	34.118	16.471	9.4118		
	13.24	21.32	16.18	8.09		58.82
	22.50	36.25	27.50	13.75		
	52.94	50.00	78.57	68.75		
Student	9	19	5	1		34
	8.5	14.5	7	4		
	6.62	13.97	3.68	0.74		25.00
	26.47	55.88	14.71	2.94		
	26.47	32.76	17.86	6.25		
Unemployed	2	1	1	4		8
	2	3.4118	1.6471	0.9412		
	1.47	0.74	0.74	2.94		5.88
	25.00	12.50	12.50	50.00		

Table of VAR3 by CLUSTER					
VAR3(empl_status)	CLUSTER				
	1	2	3	4	Total
	5.88	1.72	3.57	25.00	
Working student	5	9	0	0	14
	3.5	5.9706	2.8824	1.6471	
	3.68	6.62	0.00	0.00	10.29
	35.71	64.29	0.00	0.00	
	14.71	15.52	0.00	0.00	
Total	34	58	28	16	136
	25.00	42.65	20.59	11.76	100.00

Statistics for Table of VAR3 by CLUSTER			
Statistic	DF	Value	Prob
Chi-Square	9	25.9490	0.0021
Likelihood Ratio Chi-Square	9	27.1871	0.0013
Mantel-Haenszel Chi-Square	1	3.6435	0.0563
Phi Coefficient		0.4368	
Contingency Coefficient		0.4003	
Cramer's V		0.2522	
WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR4 by CLUSTER					
	VAR4(age_range)	CLUSTER				
		1	2	3	4	Total
	18-25	7	21	8	3	39
		9.75	16.632	8.0294	4.5882	
		5.15	15.44	5.88	2.21	28.68
		17.95	53.85	20.51	7.69	
		20.59	36.21	28.57	18.75	
	26-35	16	24	12	10	62
		15.5	26.441	12.765	7.2941	
		11.76	17.65	8.82	7.35	45.59
		25.81	38.71	19.35	16.13	
		47.06	41.38	42.86	62.50	
	36-45	7	5	5	0	17
		4.25	7.25	3.5	2	
		5.15	3.68	3.68	0.00	12.50
		41.18	29.41	29.41	0.00	
		20.59	8.62	17.86	0.00	
	46-60	3	4	2	3	12
		3	5.1176	2.4706	1.4118	
		2.21	2.94	1.47	2.21	8.82
		25.00	33.33	16.67	25.00	
		8.82	6.90	7.14	18.75	
	<18	1	4	0	0	5
		1.25	2.1324	1.0294	0.5882	
		0.74	2.94	0.00	0.00	3.68
		20.00	80.00	0.00	0.00	
		2.94	6.90	0.00	0.00	
	>60	0	0	1	0	1
		0.25	0.4265	0.2059	0.1176	
		0.00	0.00	0.74	0.00	0.74
		0.00	0.00	100.00	0.00	
		0.00	0.00	3.57	0.00	
	Total	34	58	28	16	136
		25.00	42.65	20.59	11.76	100.00

Statistics for Table of VAR4 by CLUSTER			
Statistic	DF	Value	Prob
Chi-Square	15	18.1652	0.2541
Likelihood Ratio Chi-Square	15	20.0305	0.1708
Mantel-Haenszel Chi-Square	1	0.0280	0.8671
Phi Coefficient		0.3655	
Contingency Coefficient		0.3433	
Cramer's V		0.2110	
WARNING: 63% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR5 by CLUSTER					
	VAR5(has_children)	CLUSTER				
		1	2	3	4	Total
No	28	52	21	11	112	
	28	47.765	23.059	13.176		
	20.59	38.24	15.44	8.09	82.35	
	25.00	46.43	18.75	9.82		
	82.35	89.66	75.00	68.75		
Yes	6	6	7	5	24	
	6	10.235	4.9412	2.8235		
	4.41	4.41	5.15	3.68	17.65	
	25.00	25.00	29.17	20.83		
	17.65	10.34	25.00	31.25		
Total	34	58	28	16	136	
	25.00	42.65	20.59	11.76	100.00	

Statistics for Table of VAR5 by CLUSTER

Statistic	DF	Value	Prob
Chi-Square	3	5.2069	0.1573
Likelihood Ratio Chi-Square	3	5.1174	0.1634
Mantel-Haenszel Chi-Square	1	2.3201	0.1277
Phi Coefficient		0.1957	
Contingency Coefficient		0.1920	
Cramer's V		0.1957	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR2 by cluster1			
	VAR2(gender)	cluster1		
		0	1	Total
Female	55	18	73	
	54.75	18.25		
	40.44	13.24	53.68	
	75.34	24.66		
	53.92	52.94		
Male	46	16	62	
	46.5	15.5		
	33.82	11.76	45.59	
	74.19	25.81		
	45.10	47.06		
Other	1	0	1	
	0.75	0.25		
	0.74	0.00	0.74	
	100.00	0.00		
	0.98	0.00		
Total	102	34	136	
	75.00	25.00	100.00	

Statistics for Table of VAR2 by cluster1

Statistic	DF	Value	Prob
Chi-Square	2	0.3594	0.8355
Likelihood Ratio Chi-Square	2	0.6013	0.7403
Mantel-Haenszel Chi-Square	1	0.0000	1.0000
Phi Coefficient		0.0514	
Contingency Coefficient		0.0513	
Cramer's V		0.0514	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1



Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR3 by cluster1			
	VAR3(empl_status)	cluster1		Total
		0	1	
	Employed	62	18	80
		60	20	58.82
		45.59	13.24	
		77.50	22.50	
		60.78	52.94	
	Student	25	9	34
		25.5	8.5	25.00
		18.38	6.62	
		73.53	26.47	
		24.51	26.47	
	Unemployed	6	2	8
		6	2	5.88
		4.41	1.47	
		75.00	25.00	
		5.88	5.88	
	Working student	9	5	14
		10.5	3.5	10.29
		6.62	3.68	
		64.29	35.71	
		8.82	14.71	
	Total	102	34	136
		75.00	25.00	100.00

Statistics for Table of VAR3 by cluster1

Statistic	DF	Value	Prob
Chi-Square	3	1.1630	0.7619
Likelihood Ratio Chi-Square	3	1.1037	0.7762
Mantel-Haenszel Chi-Square	1	1.0199	0.3125
Phi Coefficient		0.0925	
Contingency Coefficient		0.0921	
Cramer's V		0.0925	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR4 by cluster1			
	VAR4(age_range)	cluster1		
		0	1	Total
18-25		32	7	39
		29.25	9.75	
		23.53	5.15	28.68
		82.05	17.95	
		31.37	20.59	
26-35		46	16	62
		46.5	15.5	
		33.82	11.76	45.59
		74.19	25.81	
		45.10	47.06	
36-45		10	7	17
		12.75	4.25	
		7.35	5.15	12.50
		58.82	41.18	
		9.80	20.59	
46-60		9	3	12
		9	3	
		6.62	2.21	8.82
		75.00	25.00	
		8.82	8.82	
<18		4	1	5
		3.75	1.25	
		2.94	0.74	3.68
		80.00	20.00	
		3.92	2.94	
>60		1	0	1
		0.75	0.25	
		0.74	0.00	0.74
		100.00	0.00	
		0.98	0.00	
Total		102	34	136
		75.00	25.00	100.00

Statistics for Table of VAR4 by cluster1

Statistic	DF	Value	Prob
Chi-Square	5	3.8282	0.5744
Likelihood Ratio Chi-Square	5	3.9055	0.5631
Mantel-Haenszel Chi-Square	1	0.4602	0.4975
Phi Coefficient		0.1678	
Contingency Coefficient		0.1655	
Cramer's V		0.1678	
WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR5 by cluster1			
	VAR5(has_children)	cluster1		
		0	1	Total
No		84	28	112
		84	28	
		61.76	20.59	82.35
		75.00	25.00	
		82.35	82.35	
Yes		18	6	24
		18	6	
		13.24	4.41	17.65
		75.00	25.00	
		17.65	17.65	
Total		102	34	136
		75.00	25.00	100.00

Statistics for Table of VAR5 by cluster1

Statistic	DF	Value	Prob
Chi-Square	1	0.0000	1.0000
Likelihood Ratio Chi-Square	1	0.0000	1.0000
Continuity Adj. Chi-Square	1	0.0000	1.0000
Mantel-Haenszel Chi-Square	1	0.0000	1.0000
Phi Coefficient		0.0000	
Contingency Coefficient		0.0000	
Cramer's V		0.0000	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	84
Left-sided Pr <= F	0.6124
Right-sided Pr >= F	0.5916
Table Probability (P)	0.2040
Two-sided Pr <= P	1.0000

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR2 by cluster2			
	VAR2(gender)	cluster2		
		0	1	Total
	Female	47	26	73
		41.868	31.132	53.68
		34.56	19.12	
		64.38	35.62	
		60.26	44.83	
	Male	31	31	62
		35.559	26.441	45.59
		22.79	22.79	
		50.00	50.00	
		39.74	53.45	
	Other	0	1	1
		0.5735	0.4265	0.74
		0.00	0.74	
		0.00	100.00	
		0.00	1.72	
	Total	78	58	136
		57.35	42.65	100.00

Statistics for Table of VAR2 by cluster2

Statistic	DF	Value	Prob
Chi-Square	2	4.1905	0.1230
Likelihood Ratio Chi-Square	2	4.5617	0.1022
Mantel-Haenszel Chi-Square	1	3.6823	0.0550
Phi Coefficient		0.1755	
Contingency Coefficient		0.1729	
Cramer's V		0.1755	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR3 by cluster2			
	VAR3(empl_status)	cluster2		
		0	1	Total
	Employed	51	29	80
		45.882	34.118	58.82
		37.50	21.32	
		63.75	36.25	
		65.38	50.00	
	Student	15	19	34
		19.5	14.5	25.00
		11.03	13.97	
		44.12	55.88	

Table of VAR3 by cluster2			
VAR3(empl_status)	cluster2		
	0	1	Total
	19.23	32.76	
Unemployed	7 4.5882 5.15 87.50 8.97	1 3.4118 0.74 12.50 1.72	8  5.88
Working student	5 8.0294 3.68 35.71 6.41	9 5.9706 6.62 64.29 15.52	14  10.29
Total	78 57.35	58 42.65	136 100.00

Statistics for Table of VAR3 by cluster2

Statistic	DF	Value	Prob
Chi-Square	3	9.4261	0.0241
Likelihood Ratio Chi-Square	3	9.8694	0.0197
Mantel-Haenszel Chi-Square	1	2.4025	0.1211
Phi Coefficient		0.2633	
Contingency Coefficient		0.2546	
Cramer's V		0.2633	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR4 by cluster2			
	VAR4(age_range)	cluster2		
		0	1	Total
18-25		18	21	39
		22.368	16.632	
		13.24	15.44	28.68
		46.15	53.85	
		23.08	36.21	
26-35		38	24	62
		35.559	26.441	
		27.94	17.65	45.59
		61.29	38.71	
		48.72	41.38	
36-45		12	5	17
		9.75	7.25	
		8.82	3.68	12.50
		70.59	29.41	
		15.38	8.62	
46-60		8	4	12
		6.8824	5.1176	
		5.88	2.94	8.82
		66.67	33.33	
		10.26	6.90	
<18		1	4	5
		2.8676	2.1324	
		0.74	2.94	3.68
		20.00	80.00	
		1.28	6.90	
>60		1	0	1
		0.5735	0.4265	
		0.74	0.00	0.74
		100.00	0.00	
		1.28	0.00	
Total		78 57.35	58 42.65	136 100.00

Statistics for Table of VAR4 by cluster2

Statistic	DF	Value	Prob
Chi-Square	5	7.6316	0.1777
Likelihood Ratio Chi-Square	5	8.1107	0.1502
Mantel-Haenszel Chi-Square	1	0.6162	0.4325
Phi Coefficient		0.2369	
Contingency Coefficient		0.2305	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Statistic	DF	Value	Prob
Cramer's V		0.2369	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR5 by cluster2			
	VAR5(has_children)	cluster2		
		0	1	Total
No		60	52	112
		64.235	47.765	
		44.12	38.24	82.35
		53.57	46.43	
		76.92	89.66	
Yes		18	6	24
		13.765	10.235	
		13.24	4.41	17.65
		75.00	25.00	
		23.08	10.34	
Total		78	58	136
		57.35	42.65	100.00

Statistics for Table of VAR5 by cluster2

Statistic	DF	Value	Prob
Chi-Square	1	3.7105	0.0541
Likelihood Ratio Chi-Square	1	3.8990	0.0483
Continuity Adj. Chi-Square	1	2.8861	0.0893
Mantel-Haenszel Chi-Square	1	3.6832	0.0550
Phi Coefficient		-0.1652	
Contingency Coefficient		0.1630	
Cramer's V		-0.1652	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	60
Left-sided Pr <= F	0.0426
Right-sided Pr >= F	0.9862
Table Probability (P)	0.0288
Two-sided Pr <= P	0.0692

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR2 by cluster3			
	VAR2(gender)	cluster3		
		0	1	Total
Female		54	19	73
		57.971	15.029	
		39.71	13.97	53.68
		73.97	26.03	
		50.00	67.86	
Male		53	9	62
		49.235	12.765	
		38.97	6.62	45.59
		85.48	14.52	
		49.07	32.14	
Other		1	0	1
		0.7941	0.2059	
		0.74	0.00	0.74
		100.00	0.00	
		0.93	0.00	
Total		108	28	136
		79.41	20.59	100.00

Statistics for Table of VAR2 by cluster3

Statistic	DF	Value	Prob
Chi-Square	2	2.9784	0.2256
Likelihood Ratio Chi-Square	2	3.2265	0.1992
Mantel-Haenszel Chi-Square	1	2.9514	0.0858
Phi Coefficient		0.1480	
Contingency Coefficient		0.1464	
Cramer's V		0.1480	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR3 by cluster3			
	VAR3(empl_status)	cluster3		
		0	1	Total
Employed	58	22		80
	63.529	16.471		
	42.65	16.18		58.82
	72.50	27.50		
	53.70	78.57		
Student	29	5		34
	27	7		
	21.32	3.68		25.00
	85.29	14.71		
	26.85	17.86		
Unemployed	7	1		8
	6.3529	1.6471		
	5.15	0.74		5.88
	87.50	12.50		
	6.48	3.57		
Working student	14	0		14
	11.118	2.8824		
	10.29	0.00		10.29
	100.00	0.00		
	12.96	0.00		
Total	108	28		136
	79.41	20.59		100.00

Statistics for Table of VAR3 by cluster3

Statistic	DF	Value	Prob
Chi-Square	3	7.0069	0.0717
Likelihood Ratio Chi-Square	3	9.7680	0.0206
Mantel-Haenszel Chi-Square	1	6.6716	0.0098
Phi Coefficient		0.2270	
Contingency Coefficient		0.2214	
Cramer's V		0.2270	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR4 by cluster3			
	VAR4(age_range)	cluster3		
		0	1	Total
18-25	31	8		39
	30.971	8.0294		
	22.79	5.88		28.68
	79.49	20.51		
	28.70	28.57		
26-35	50	12		62
	49.235	12.765		
	36.76	8.82		45.59
	80.65	19.35		
	46.30	42.86		

Table of VAR4 by cluster3			
VAR4(age_range)	cluster3		
	0	1	Total
36-45	12	5	17
	13.5	3.5	
	8.82	3.68	
	70.59	29.41	
	11.11	17.86	
46-60	10	2	12
	9.5294	2.4706	
	7.35	1.47	
	83.33	16.67	
	9.26	7.14	
<18	5	0	5
	3.9706	1.0294	
	3.68	0.00	
	100.00	0.00	
	4.63	0.00	
>60	0	1	1
	0.7941	0.2059	
	0.00	0.74	
	0.00	100.00	
	0.00	3.57	
Total	108	28	136
	79.41	20.59	

Statistics for Table of VAR4 by cluster3

Statistic	DF	Value	Prob
Chi-Square	5	6.1337	0.2934
Likelihood Ratio Chi-Square	5	6.3836	0.2707
Mantel-Haenszel Chi-Square	1	0.0172	0.8957
Phi Coefficient		0.2124	
Contingency Coefficient		0.2077	
Cramer's V		0.2124	
WARNING: 50% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

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Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR5 by cluster3				
	VAR5(has_children)	cluster3			
		0	1	Total	
		No	91 88.941 66.91 81.25 84.26	21 23.059 15.44 18.75 75.00	112  82.35
		Yes	17 19.059 12.50 70.83 15.74	7 4.9412 5.15 29.17 25.00	24  17.65
Total	108 79.41	28 20.59	136 100.0		

Statistics for Table of VAR5 by cluster3

Statistic	DF	Value	Prob
Chi-Square	1	1.3117	0.2521
Likelihood Ratio Chi-Square	1	1.2264	0.2681
Continuity Adj. Chi-Square	1	0.7520	0.3859
Mantel-Haenszel Chi-Square	1	1.3021	0.2538
Phi Coefficient		0.0982	
Contingency Coefficient		0.0977	
Cramer's V		0.0982	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	91
Left-sided Pr <= F	0.9188
Right-sided Pr >= F	0.1904

Fisher's Exact Test	
Table Probability (P)	0.1092
Two-sided Pr <= P	0.2711

Sample Size = 136

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Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR2 by cluster4			
	VAR2(gender)	cluster4		Total
		0	1	
	Female	63	10	73
		64.412	8.5882	53.68
		46.32	7.35	
		86.30	13.70	
		52.50	62.50	
	Male	56	6	62
		54.706	7.2941	45.59
		41.18	4.41	
		90.32	9.68	
		46.67	37.50	
	Other	1	0	1
		0.8824	0.1176	0.74
		0.74	0.00	
		100.00	0.00	
		0.83	0.00	
	Total	120	16	136
		88.24	11.76	100.00

Statistics for Table of VAR2 by cluster4

Statistic	DF	Value	Prob
Chi-Square	2	0.6566	0.7202
Likelihood Ratio Chi-Square	2	0.7767	0.6782
Mantel-Haenszel Chi-Square	1	0.6234	0.4298
Phi Coefficient		0.0695	
Contingency Coefficient		0.0693	
Cramer's V		0.0695	
WARNING: 33% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

@Author: stats\_amazing\_group @Version: 0.1

Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR3 by cluster4			
	VAR3(empl_status)	cluster4		Total
		0	1	
	Employed	69	11	80
		70.588	9.4118	58.82
		50.74	8.09	
		86.25	13.75	
		57.50	68.75	
	Student	33	1	34
		30	4	25.00
		24.26	0.74	
		97.06	2.94	
		27.50	6.25	
	Unemployed	4	4	8
		7.0588	0.9412	5.88
		2.94	2.94	
		50.00	50.00	
		3.33	25.00	
	Working student	14	0	14
		12.353	1.6471	10.29
		10.29	0.00	
		100.00	0.00	
		11.67	0.00	
	Total	120	16	136
		88.24	11.76	100.00

Statistics for Table of VAR3 by cluster4

Statistic	DF	Value	Prob
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Statistic	DF	Value	Prob
Chi-Square	3	15.9871	0.0011
Likelihood Ratio Chi-Square	3	14.3440	0.0025
Mantel-Haenszel Chi-Square	1	0.2450	0.6206
Phi Coefficient		0.3429	
Contingency Coefficient		0.3243	
Cramer's V		0.3429	
WARNING: 38% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

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Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR4 by cluster4			
	VAR4(age_range)	cluster4		
		0	1	Total
	18-25	36	3	39
		34.412	4.5882	28.68
		26.47	2.21	
		92.31	7.69	
		30.00	18.75	
	26-35	52	10	62
		54.706	7.2941	45.59
		38.24	7.35	
		83.87	16.13	
		43.33	62.50	
	36-45	17	0	17
		15	2	12.50
		12.50	0.00	
		100.00	0.00	
		14.17	0.00	
	46-60	9	3	12
		10.588	1.4118	8.82
		6.62	2.21	
		75.00	25.00	
		7.50	18.75	
	<18	5	0	5
		4.4118	0.5882	3.68
		3.68	0.00	
		100.00	0.00	
		4.17	0.00	
	>60	1	0	1
		0.8824	0.1176	0.74
		0.74	0.00	
		100.00	0.00	
		0.83	0.00	
	Total	120	16	136
		88.24	11.76	100.00

Statistics for Table of VAR4 by cluster4

Statistic	DF	Value	Prob
Chi-Square	5	6.8524	0.2319
Likelihood Ratio Chi-Square	5	9.0888	0.1056
Mantel-Haenszel Chi-Square	1	0.0166	0.8976
Phi Coefficient		0.2245	
Contingency Coefficient		0.2190	
Cramer's V		0.2245	
WARNING: 58% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Sample Size = 136

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Score plot

The FREQ Procedure

Frequency Expected Percent Row Pct Col Pct	Table of VAR5 by cluster4			
	VAR5(has_children)	cluster4		
		0	1	Total
	No	101	11	112
		98.824	13.176	82.35
		74.26	8.09	
		90.18	9.82	
		84.17	68.75	

Table of VAR5 by cluster4			
VAR5(has_children)	cluster4		
	0	1	Total
Yes	19	5	24
	21.176	2.8235	
	13.97	3.68	
	79.17	20.83	
	15.83	31.25	
Total	120	16	136
	88.24	11.76	

Statistics for Table of VAR5 by cluster4

Statistic	DF	Value	Prob
Chi-Square	1	2.3088	0.1286
Likelihood Ratio Chi-Square	1	2.0220	0.1550
Continuity Adj. Chi-Square	1	1.3699	0.2418
Mantel-Haenszel Chi-Square	1	2.2919	0.1301
Phi Coefficient		0.1303	
Contingency Coefficient		0.1292	
Cramer's V		0.1303	
WARNING: 25% of the cells have expected counts less than 5. Chi-Square may not be a valid test.			

Fisher's Exact Test	
Cell (1,1) Frequency (F)	101
Left-sided Pr <= F	0.9621
Right-sided Pr >= F	0.1233
Table Probability (P)	0.0853
Two-sided Pr <= P	0.1597

Sample Size = 136

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Score plot

descr	tvalue_clus1	tvalue_clus2	tvalue_clus3	tvalue_clus4	pvalue_clus1	pvalue_clus2	pvalue_clus3	pvalue_clus4
car_usage	3.22	-3.34	1.59	1.54	0.0019	0.0012	0.1183	0.1397
workout_times	2.02	1.30	-2.57	-3.64	0.0488	0.1967	0.0138	0.0013
price	0.84	0.65	-1.83	0.59	0.4063	0.5201	0.0755	0.5596
installments	2.77	-1.97	0.91	-0.97	0.0076	0.0509	0.3677	0.3437
closeness_home	1.34	2.63	-0.81	-4.27	0.1862	0.0095	0.4207	0.0005
closeness_workplace	-4.40	1.32	2.55	-0.57	<.0001	0.1892	0.0142	0.5724
training_wfriends	-2.32	-1.02	1.59	2.72	0.0238	0.3103	0.1203	0.0139
courses	-2.51	-2.36	3.63	5.20	0.0150	0.0200	0.0007	<.0001
training_machines	-1.14	0.83	-2.15	2.07	0.2575	0.4065	0.0375	0.0537
time_flexibility	0.08	3.56	-4.21	2.35	0.9328	0.0005	0.0002	0.0259
park_availability	5.37	-4.41	3.35	1.60	<.0001	<.0001	0.0014	0.1252
amenities	-1.55	-0.89	-0.02	2.61	0.1250	0.3748	0.9846	0.0183
presonalized_program	-1.60	-0.12	0.60	2.90	0.1171	0.9020	0.5528	0.0082

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Score plot

The PRINCOMP Procedure

Observations	13
Variables	4

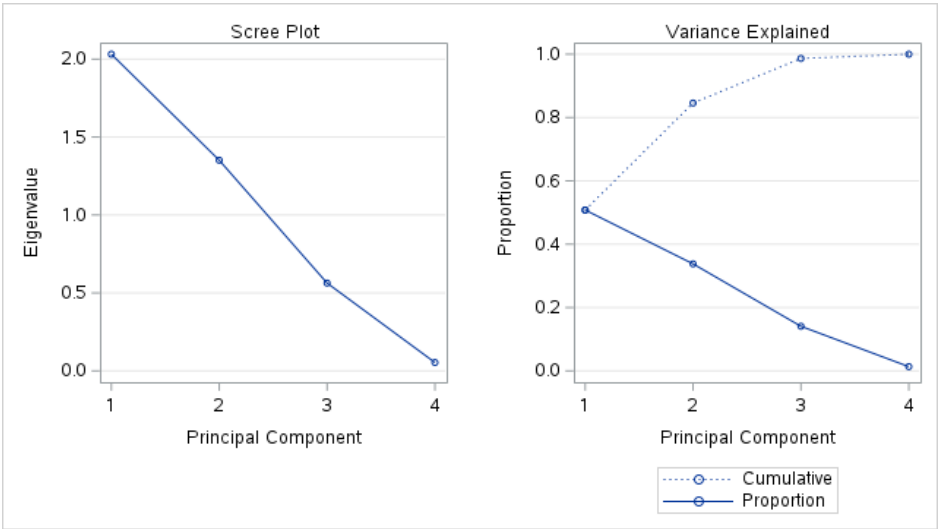
Simple Statistics				
	tvalue_clus1	tvalue_clus2	tvalue_clus3	tvalue_clus4
Mean	0.163281996	-0.293891071	0.202165488	0.932769000
StD	2.744561295	2.325027198	2.407462019	2.680824849

Correlation Matrix				
	tvalue_clus1	tvalue_clus2	tvalue_clus3	tvalue_clus4
tvalue_clus1	t Value	1.0000	-.3813	-.0680
				-.3554

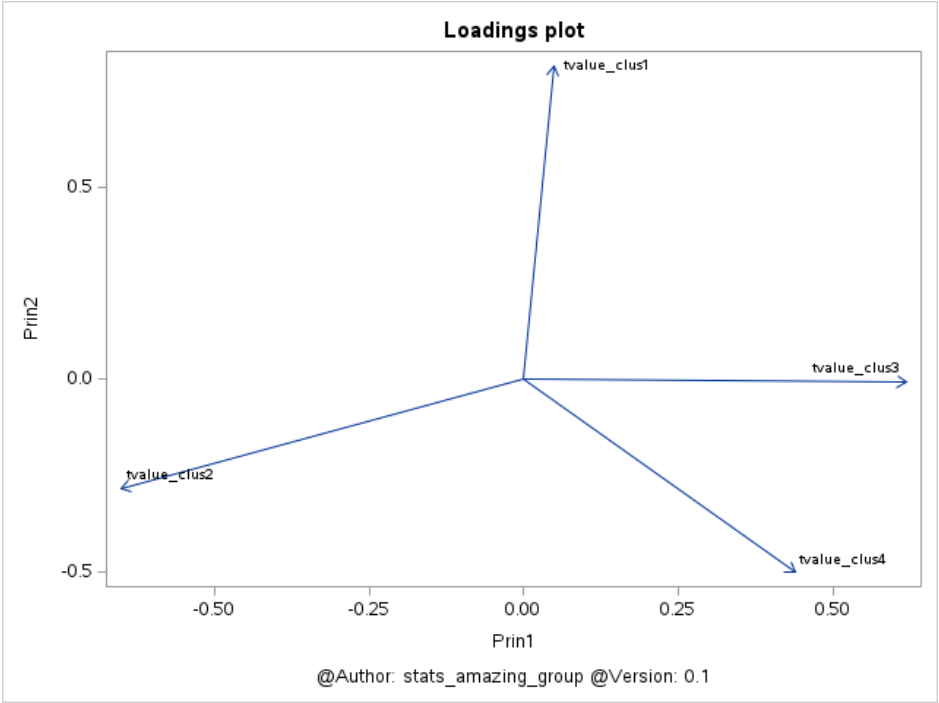
Correlation Matrix					
		tvalue_clus1	tvalue_clus2	tvalue_clus3	tvalue_clus4
tvalue_clus2	t Value	-.3813	1.0000	-.7652	-.4103
tvalue_clus3	t Value	-.0680	-.7652	1.0000	0.3269
tvalue_clus4	t Value	-.3554	-.4103	0.3269	1.0000

Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.03162093	0.68019299	0.5079	0.5079
2	1.35142795	0.78812566	0.3379	0.8458
3	0.56330229	0.50965346	0.1408	0.9866
4	0.05364883		0.0134	1.0000

Eigenvectors					
		Prin1	Prin2	Prin3	Prin4
tvalue_clus1	t Value	0.048991	0.816944	0.384810	0.426759
tvalue_clus2	t Value	-.650847	-.283596	-.089730	0.698513
tvalue_clus3	t Value	0.618271	-.007659	-.610862	0.494500
tvalue_clus4	t Value	0.437881	-.502112	0.686089	0.292277



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