

# The factor data

March 24, 2011

The data:

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709 7 7 6 6 7 7 6 1 6 6 5 7 5 7 7 7 7 1 7 7 7 6 6 6 4 7 7 4 1 6 6 6
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6 7 5 6 1 2 5 5 6 2 4 5
758 6 3 7 7 5 4 1 3 1 1 1 7 7 7 6 7 7 4 6 6 6 2 7 2 4 6 7 3 1 4 5 6
7 7 7 2 4 1 5 3 5 1 1 5

```

The SAS code and output:

```

libname sasdata '.';

data factor;
  set sasdata.factor;

proc factor method=prinit scree;

proc factor method=prinit nfactor=5 rotate=varimax out=fred;

symbol1 pointlabel=('subno');

proc gplot data=fred;
  plot Factor2*Factor1;

data fred2;
  set fred;
  if subno=474 or subno=457 or subno=528;

proc print;

run;

```

The FACTOR Procedure

Input Data Type	Raw Data
Number of Records Read	369
Number of Records Used	369
N for Significance Tests	369

The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Prior Communalities Estimates: ONE

Preliminary Eigenvalues: Total = 45 Average = 1

	Eigenvalue	Difference	Proportion	Cumulative
1	7.53833592	2.51089362	0.1675	0.1675
2	5.02744230	2.61091816	0.1117	0.2792
3	2.41652414	0.34046737	0.0537	0.3329
4	2.07605677	0.36915599	0.0461	0.3791
5	1.70690078	0.28222815	0.0379	0.4170
6	1.42467263	0.04653690	0.0317	0.4487
7	1.37813573	0.21420913	0.0306	0.4793
8	1.16392660	0.01620070	0.0259	0.5052
9	1.14772590	0.03346417	0.0255	0.5307
10	1.11426173	0.02796763	0.0248	0.5554
11	1.08629409	0.05584959	0.0241	0.5796
12	1.03044450	0.05770536	0.0229	0.6025
13	0.97273914	0.02167048	0.0216	0.6241
14	0.95106866	0.05112450	0.0211	0.6452
15	0.89994416	0.04186066	0.0200	0.6652
16	0.85808350	0.00901589	0.0191	0.6843
17	0.84906761	0.04410236	0.0189	0.7031
18	0.80496525	0.03500863	0.0179	0.7210
19	0.76995662	0.01990026	0.0171	0.7381
20	0.75005636	0.04334598	0.0167	0.7548
21	0.70671038	0.02081541	0.0157	0.7705
22	0.68589497	0.03838170	0.0152	0.7858
23	0.64751327	0.02491244	0.0144	0.8001
24	0.62260083	0.01460096	0.0138	0.8140
25	0.60799987	0.01333315	0.0135	0.8275
26	0.59466672	0.03499016	0.0132	0.8407
27	0.55967657	0.01705061	0.0124	0.8531
28	0.54262595	0.02391910	0.0121	0.8652
29	0.51870685	0.00814956	0.0115	0.8767
30	0.51055730	0.01729915	0.0113	0.8881
31	0.49325815	0.01746662	0.0110	0.8990
32	0.47579153	0.04841079	0.0106	0.9096
33	0.42738074	0.01742062	0.0095	0.9191
34	0.40996012	0.01492273	0.0091	0.9282
35	0.39503740	0.01852433	0.0088	0.9370

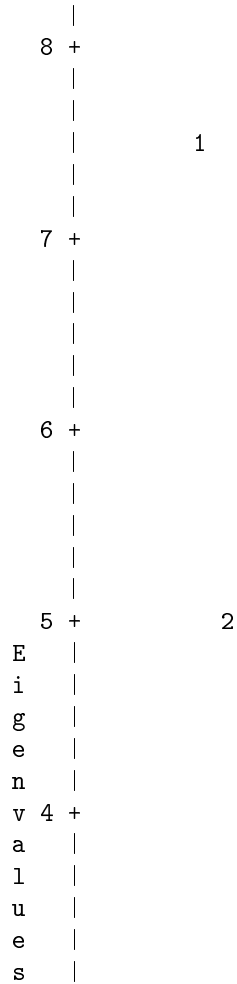
36	0.37651307	0.01416426	0.0084	0.9454
37	0.36234881	0.03761658	0.0081	0.9534
38	0.32473223	0.01023127	0.0072	0.9606
39	0.31450096	0.02605307	0.0070	0.9676
40	0.28844790	0.00775077	0.0064	0.9740
41	0.28069712	0.01998124	0.0062	0.9803
42	0.26071589	0.00648731	0.0058	0.9861
43	0.25422857	0.02805349	0.0056	0.9917
44	0.22617509	0.07951779	0.0050	0.9967
45	0.14665730		0.0033	1.0000

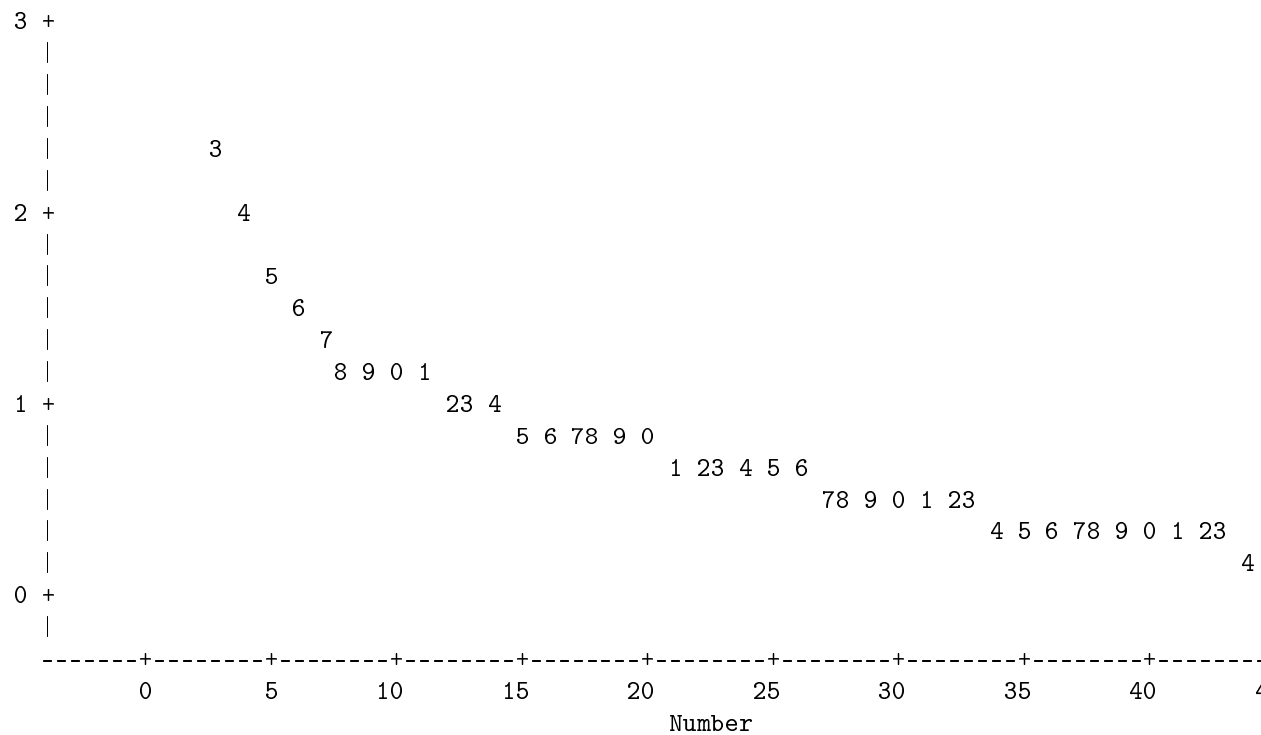
12 factors will be retained by the MINEIGEN criterion.

The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Scree Plot of Eigenvalues





### The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Iteration	Change	Communalities							
1	0.6142	0.55170	0.55753	0.66648	0.57342	0.41142	0.63964	0.57256	0.59344
		0.62329	0.66043	0.64732	0.69328	0.61767	0.57862	0.38577	0.63264
		0.62091	0.59871	0.62090	0.68480	0.68514	0.56547	0.52633	0.55069
		0.49132	0.62537	0.52645	0.62390	0.66536	0.58922	0.68274	0.67875
		0.51519	0.70831	0.65752	0.54971	0.59839	0.48692	0.66963	0.62118
2	0.2188	0.34044	0.42142	0.58001	0.45062	0.24520	0.53543	0.47902	0.44637
		0.54671	0.60364	0.58173	0.64436	0.48851	0.46094	0.20561	0.52328
		0.48940	0.49224	0.55763	0.63152	0.65216	0.47973	0.38772	0.44335
		0.38623	0.56800	0.37349	0.55443	0.58448	0.46702	0.62583	0.58589
		0.36227	0.68218	0.55310	0.41188	0.42494	0.26815	0.59543	0.51591
3	0.1609	0.17957	0.38791	0.55706	0.43671	0.21692	0.50276	0.45963	0.37331
		0.53886	0.60980	0.57322	0.64726	0.43092	0.40566	0.18097	0.47960
		0.43745	0.45810	0.55132	0.62833	0.67189	0.46534	0.36128	0.42933
		0.37130	0.56406	0.32572	0.57092	0.56922	0.43191	0.61751	0.54940
		0.31423	0.70596	0.50903	0.37630	0.27602	0.21863	0.58155	0.49091
4	0.1323	0.09744	0.38803	0.55016	0.43875	0.21322	0.49244	0.45400	0.33292
		0.54344	0.63269	0.57399	0.66141	0.39872	0.36673	0.18419	0.46536
		0.41569	0.44405	0.55497	0.63450	0.69513	0.46265	0.36391	0.44020
		0.37165	0.56724	0.31010	0.60928	0.57204	0.42435	0.61329	0.53125

5	0.0500	0.29133	0.73663	0.48662	0.36666	0.14376	0.22255	0.58392	0.49441	0.31112
		0.07996	0.39205	0.54785	0.43250	0.21332	0.48937	0.45288	0.31112	0.31112
		0.54702	0.64847	0.57413	0.67478	0.37956	0.34943	0.18778	0.46203	0.46203
		0.40500	0.43890	0.55810	0.63848	0.71190	0.46204	0.36867	0.44928	0.44928
6	0.0202	0.37321	0.56757	0.30457	0.63563	0.57802	0.42298	0.61009	0.51322	0.51322
		0.28226	0.76269	0.47156	0.36096	0.09380	0.22539	0.58964	0.50168	0.50168
		0.07675	0.39363	0.54675	0.42356	0.21423	0.48842	0.45272	0.29986	0.29986
		0.54914	0.65890	0.57341	0.68506	0.36806	0.34172	0.18978	0.46100	0.46100
7	0.0230	0.39972	0.43715	0.55993	0.63997	0.72210	0.46193	0.37261	0.45741	0.45741
		0.37437	0.56598	0.30226	0.65252	0.58265	0.42436	0.60803	0.49302	0.49302
		0.27925	0.78072	0.46077	0.35739	0.08222	0.22475	0.59399	0.50680	0.50680
		0.07586	0.39300	0.54616	0.41437	0.21526	0.48795	0.45281	0.29424	0.29424
8	0.0263	0.55042	0.66707	0.57225	0.69304	0.36113	0.33827	0.19141	0.46030	0.46030
		0.39758	0.43669	0.56106	0.64003	0.72865	0.46196	0.37608	0.46690	0.46690
		0.37540	0.56358	0.30123	0.66291	0.58527	0.42764	0.60680	0.46997	0.46997
		0.27863	0.79250	0.45299	0.35585	0.07983	0.22145	0.59666	0.50975	0.50975
9	0.0293	0.07539	0.39088	0.54599	0.40553	0.21621	0.48744	0.45300	0.29150	0.29150
		0.55124	0.67476	0.57093	0.69961	0.35685	0.33695	0.19331	0.45940	0.45940
		0.39743	0.43668	0.56188	0.63925	0.73402	0.46202	0.37968	0.47949	0.47949
		0.37659	0.56068	0.30085	0.66796	0.58617	0.43257	0.60612	0.44364	0.44364
10	0.0302	0.27897	0.79993	0.44737	0.35588	0.07952	0.21561	0.59807	0.51110	0.51110
		0.07504	0.38791	0.54624	0.39711	0.21686	0.48672	0.45326	0.29022	0.29022
		0.55177	0.68268	0.56962	0.70534	0.35404	0.33686	0.19564	0.45815	0.45815
		0.39857	0.43682	0.56252	0.63796	0.73976	0.46210	0.38363	0.49623	0.49623
11	0.0272	0.37817	0.55733	0.30094	0.66815	0.58587	0.43901	0.60584	0.41432	0.41432
		0.27977	0.80434	0.44310	0.35695	0.07984	0.20707	0.59861	0.51118	0.51118
		0.07480	0.38481	0.54687	0.38954	0.21696	0.48580	0.45357	0.28969	0.28969
		0.55204	0.69048	0.56856	0.71049	0.35201	0.33752	0.19815	0.45662	0.45662
12	0.0210	0.40048	0.43699	0.56301	0.63645	0.74638	0.46217	0.38755	0.51663	0.51663
		0.38015	0.55385	0.30151	0.66439	0.58500	0.44643	0.60585	0.38409	0.38409
		0.28078	0.80667	0.43938	0.35841	0.08035	0.19648	0.59864	0.51025	0.51025
		0.07467	0.38237	0.54777	0.38377	0.21650	0.48475	0.45390	0.28955	0.28955
13	0.0168	0.55206	0.69715	0.56797	0.71496	0.35034	0.33850	0.20033	0.45505	0.45505
		0.40257	0.43719	0.56328	0.63510	0.75325	0.46224	0.39067	0.53815	0.53815
		0.38223	0.55087	0.30243	0.65858	0.58424	0.45369	0.60605	0.35689	0.35689
		0.28185	0.80765	0.43562	0.35960	0.08077	0.18611	0.59844	0.50870	0.50870

# The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Iteration	Change	Communalities								
12	0.0210	0.07464	0.38094	0.54875	0.38024	0.21578	0.48368	0.45414	0.28964	0.28964
		0.55184	0.70206	0.56780	0.71862	0.34887	0.33941	0.20185	0.45369	0.45369
		0.40438	0.43737	0.56338	0.63417	0.75936	0.46230	0.39252	0.55799	0.55799
		0.38402	0.54880	0.30344	0.65269	0.58386	0.45978	0.60630	0.33587	0.33587
13	0.0168	0.28284	0.80775	0.43167	0.36022	0.08096	0.17815	0.59824	0.50703	0.50703
		0.07465	0.38029	0.54968	0.37849	0.21510	0.48271	0.45426	0.28985	0.28985

		0.55149	0.70528	0.56785	0.72150	0.34758	0.34006	0.20277	0.45262	0
		0.40574	0.43752	0.56334	0.63363	0.76419	0.46235	0.39327	0.57483	0
		0.38536	0.54755	0.30430	0.64771	0.58384	0.46436	0.60651	0.32153	0
		0.28365	0.80732	0.42772	0.36038	0.08096	0.17303	0.59811	0.50559	0
14	0.0138	0.07468	0.38012	0.55050	0.37776	0.21456	0.48189	0.45430	0.29013	0
		0.55111	0.70723	0.56797	0.72372	0.34647	0.34047	0.20330	0.45182	0
		0.40670	0.43763	0.56325	0.63333	0.76773	0.46240	0.39333	0.58862	0
		0.38630	0.54685	0.30494	0.64377	0.58403	0.46760	0.60667	0.31253	0
		0.28425	0.80658	0.42402	0.36027	0.08088	0.17000	0.59806	0.50448	0
15	0.0112	0.07470	0.38015	0.55120	0.37751	0.21415	0.48125	0.45428	0.29043	0
		0.55077	0.70830	0.56809	0.72542	0.34556	0.34071	0.20360	0.45125	0
		0.40736	0.43771	0.56315	0.63315	0.77023	0.46243	0.39305	0.59980	0
		0.38695	0.54648	0.30539	0.64067	0.58432	0.46982	0.60679	0.30714	0
		0.28468	0.80572	0.42075	0.36006	0.08078	0.16820	0.59805	0.50368	0
16	0.0091	0.07472	0.38027	0.55179	0.37744	0.21385	0.48078	0.45425	0.29073	0
		0.55052	0.70882	0.56819	0.72672	0.34482	0.34085	0.20378	0.45085	0
		0.40781	0.43777	0.56304	0.63304	0.77197	0.46246	0.39264	0.60889	0
		0.38742	0.54629	0.30571	0.63820	0.58465	0.47130	0.60689	0.30399	0
		0.28498	0.80488	0.41796	0.35985	0.08069	0.16711	0.59806	0.50312	0
17	0.0074	0.07474	0.38041	0.55228	0.37741	0.21361	0.48043	0.45421	0.29100	0
		0.55034	0.70899	0.56825	0.72774	0.34424	0.34093	0.20390	0.45057	0
		0.40814	0.43781	0.56295	0.63295	0.77317	0.46249	0.39222	0.61633	0
		0.38777	0.54620	0.30594	0.63619	0.58497	0.47227	0.60698	0.30218	0
		0.28520	0.80410	0.41565	0.35966	0.08061	0.16639	0.59808	0.50274	0
18	0.0061	0.07475	0.38055	0.55270	0.37739	0.21342	0.48019	0.45417	0.29124	0
		0.55024	0.70895	0.56830	0.72852	0.34378	0.34098	0.20398	0.45040	0
		0.40836	0.43785	0.56287	0.63288	0.77399	0.46251	0.39183	0.62248	0
		0.38805	0.54616	0.30610	0.63453	0.58527	0.47288	0.60706	0.30114	0
		0.28536	0.80344	0.41378	0.35950	0.08054	0.16590	0.59811	0.50247	0
19	0.0051	0.07476	0.38067	0.55306	0.37735	0.21328	0.48002	0.45414	0.29145	0
		0.55020	0.70879	0.56833	0.72915	0.34342	0.34101	0.20404	0.45029	0
		0.40853	0.43788	0.56280	0.63282	0.77455	0.46253	0.39148	0.62759	0
		0.38827	0.54616	0.30622	0.63315	0.58554	0.47325	0.60713	0.30054	0
		0.28548	0.80288	0.41228	0.35937	0.08048	0.16554	0.59812	0.50229	0
20	0.0043	0.07476	0.38077	0.55336	0.37731	0.21315	0.47989	0.45412	0.29162	0
		0.55019	0.70857	0.56836	0.72964	0.34313	0.34104	0.20408	0.45023	0
		0.40866	0.43791	0.56274	0.63277	0.77494	0.46255	0.39118	0.63188	0
		0.38845	0.54617	0.30630	0.63198	0.58578	0.47346	0.60719	0.30020	0
		0.28557	0.80243	0.41108	0.35928	0.08044	0.16528	0.59814	0.50216	0
21	0.0036	0.07477	0.38086	0.55361	0.37727	0.21305	0.47980	0.45409	0.29176	0
		0.55021	0.70832	0.56837	0.73003	0.34290	0.34105	0.20412	0.45022	0
		0.40875	0.43793	0.56269	0.63272	0.77519	0.46257	0.39092	0.63550	0
		0.38860	0.54619	0.30637	0.63099	0.58598	0.47356	0.60724	0.30001	0
		0.28565	0.80207	0.41014	0.35920	0.08040	0.16507	0.59815	0.50207	0
22	0.0031	0.07477	0.38094	0.55382	0.37722	0.21297	0.47974	0.45407	0.29187	0
		0.55024	0.70807	0.56839	0.73035	0.34272	0.34107	0.20414	0.45022	0

0.40882	0.43795	0.56265	0.63267	0.77536	0.46258	0.39070	0.63856	0
0.38872	0.54621	0.30641	0.63014	0.58616	0.47359	0.60729	0.29991	0
0.28571	0.80178	0.40939	0.35914	0.08037	0.16491	0.59815	0.50200	0

# The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Iteration	Change	Communalities							
23	0.0026	0.07477	0.38100	0.55400	0.37718	0.21290	0.47969	0.45406	0.29197
		0.55028	0.70783	0.56839	0.73061	0.34257	0.34108	0.20416	0.45024
		0.40887	0.43797	0.56261	0.63264	0.77547	0.46259	0.39050	0.64118
		0.38883	0.54623	0.30645	0.62942	0.58631	0.47358	0.60733	0.29985
		0.28575	0.80156	0.40880	0.35909	0.08034	0.16477	0.59816	0.50194
24	0.0022	0.07477	0.38106	0.55414	0.37714	0.21284	0.47966	0.45404	0.29205
		0.55033	0.70760	0.56840	0.73082	0.34245	0.34109	0.20418	0.45028
		0.40891	0.43798	0.56257	0.63261	0.77553	0.46260	0.39034	0.64341
		0.38892	0.54625	0.30648	0.62881	0.58645	0.47354	0.60736	0.29982
		0.28579	0.80139	0.40833	0.35905	0.08031	0.16466	0.59816	0.50190
25	0.0019	0.07477	0.38111	0.55427	0.37710	0.21279	0.47963	0.45403	0.29211
		0.55038	0.70740	0.56841	0.73099	0.34235	0.34110	0.20420	0.45032
		0.40894	0.43800	0.56255	0.63258	0.77557	0.46261	0.39019	0.64532
		0.38900	0.54627	0.30650	0.62829	0.58656	0.47348	0.60739	0.29981
		0.28583	0.80126	0.40796	0.35902	0.08029	0.16457	0.59816	0.50186
26	0.0016	0.07477	0.38115	0.55437	0.37707	0.21275	0.47961	0.45402	0.29216
		0.55042	0.70721	0.56841	0.73113	0.34227	0.34111	0.20421	0.45036
		0.40897	0.43801	0.56252	0.63256	0.77558	0.46262	0.39007	0.64697
		0.38906	0.54629	0.30651	0.62784	0.58666	0.47342	0.60741	0.29980
		0.28585	0.80117	0.40767	0.35900	0.08027	0.16450	0.59816	0.50183
27	0.0014	0.07477	0.38119	0.55445	0.37704	0.21271	0.47959	0.45401	0.29220
		0.55047	0.70704	0.56841	0.73125	0.34220	0.34111	0.20422	0.45040
		0.40899	0.43802	0.56250	0.63254	0.77558	0.46262	0.38996	0.64839
		0.38912	0.54631	0.30652	0.62746	0.58675	0.47335	0.60743	0.29980
		0.28588	0.80109	0.40743	0.35898	0.08026	0.16443	0.59816	0.50181
28	0.0012	0.07477	0.38122	0.55452	0.37701	0.21268	0.47958	0.45400	0.29224
		0.55051	0.70689	0.56841	0.73135	0.34215	0.34112	0.20422	0.45044
		0.40900	0.43802	0.56248	0.63252	0.77557	0.46263	0.38987	0.64961
		0.38917	0.54633	0.30653	0.62713	0.58682	0.47329	0.60745	0.29981
		0.28590	0.80104	0.40724	0.35896	0.08024	0.16438	0.59816	0.50179
29	0.0011	0.07477	0.38124	0.55458	0.37699	0.21265	0.47957	0.45400	0.29227
		0.55054	0.70676	0.56841	0.73143	0.34210	0.34113	0.20423	0.45048
		0.40901	0.43803	0.56247	0.63251	0.77555	0.46263	0.38978	0.65067
		0.38921	0.54634	0.30654	0.62685	0.58689	0.47323	0.60746	0.29981
		0.28591	0.80100	0.40709	0.35894	0.08023	0.16433	0.59816	0.50177
30	0.0009	0.07477	0.38127	0.55463	0.37697	0.21263	0.47956	0.45399	0.29229
		0.55058	0.70665	0.56841	0.73150	0.34206	0.34113	0.20424	0.45051
		0.40902	0.43804	0.56245	0.63249	0.77553	0.46263	0.38971	0.65158
		0.38924	0.54635	0.30654	0.62661	0.58694	0.47317	0.60747	0.29982

0.28593 0.80097 0.40697 0.35893 0.08022 0.16429 0.59817 0.50175 0

Convergence criterion satisfied.

Eigenvalues of the Reduced Correlation Matrix: Total = 20.808554 Average = 0.46241231

	Eigenvalue	Difference	Proportion	Cumulative
1	7.08801854	2.52086090	0.3406	0.3406
2	4.56715764	2.65584970	0.2195	0.5601
3	1.91130794	0.34419250	0.0919	0.6520
4	1.56711544	0.40250763	0.0753	0.7273
5	1.16460781	0.29285646	0.0560	0.7832
6	0.87175135	0.08316349	0.0419	0.8251

The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Eigenvalues of the Reduced Correlation Matrix: Total = 20.808554 Average = 0.46241231

	Eigenvalue	Difference	Proportion	Cumulative
7	0.78858787	0.14500999	0.0379	0.8630
8	0.64357787	0.04793108	0.0309	0.8940
9	0.59564679	0.00965969	0.0286	0.9226
10	0.58598710	0.05175634	0.0282	0.9508
11	0.53423077	0.04333972	0.0257	0.9764
12	0.49089105	0.12813566	0.0236	1.0000
13	0.36275539	0.06649512	0.0174	1.0174
14	0.29626027	0.01036275	0.0142	1.0317
15	0.28589752	0.05700662	0.0137	1.0454
16	0.22889090	0.00688536	0.0110	1.0564
17	0.22200554	0.01049591	0.0107	1.0671
18	0.21150962	0.03550760	0.0102	1.0773
19	0.17600202	0.00814724	0.0085	1.0857
20	0.16785479	0.02167584	0.0081	1.0938
21	0.14617895	0.04879496	0.0070	1.1008
22	0.09738399	0.01906157	0.0047	1.1055
23	0.07832242	0.01380940	0.0038	1.1093
24	0.06451303	0.00958218	0.0031	1.1124
25	0.05493084	0.03005118	0.0026	1.1150
26	0.02487966	0.00347210	0.0012	1.1162
27	0.02140756	0.01343109	0.0010	1.1172
28	0.00797648	0.03631886	0.0004	1.1176
29	-.02834239	0.00423366	-0.0014	1.1162
30	-.03257605	0.00959024	-0.0016	1.1147
31	-.04216629	0.03064446	-0.0020	1.1126
32	-.07281075	0.00369543	-0.0035	1.1091
33	-.07650618	0.01316174	-0.0037	1.1055
34	-.08966791	0.01694849	-0.0043	1.1012
35	-.10661641	0.01918461	-0.0051	1.0960



36	-.12580102	0.00747356	-0.0060	1.0900
37	-.13327458	0.02679743	-0.0064	1.0836
38	-.16007201	0.00400323	-0.0077	1.0759
39	-.16407524	0.01907327	-0.0079	1.0680
40	-.18314851	0.02290610	-0.0088	1.0592
41	-.20605460	0.00712509	-0.0099	1.0493
42	-.21317970	0.01137495	-0.0102	1.0391
43	-.22455465	0.06387895	-0.0108	1.0283
44	-.28843359	0.01138167	-0.0139	1.0144
45	-.29981527		-0.0144	1.0000

# The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

	Factor Pattern				
	Factor1	Factor2	Factor3	Factor4	Factor5
SUBNO	-0.07576	0.07869	-0.10414	0.06378	0.06603
HELPFUL	0.47921	0.14468	-0.11140	-0.02974	-0.07515
RELIANT	0.47633	-0.15092	-0.34063	-0.04302	-0.10860
DEFBEL	0.47580	-0.08505	0.07437	-0.18633	-0.16398
YIELDING	0.08048	0.36041	-0.07587	0.09743	0.12373
CHEERFUL	0.34966	0.24603	-0.08562	0.35530	-0.23857
INDPT	0.46102	-0.29131	-0.29823	-0.00377	-0.06579
ATHLET	0.27103	-0.08203	0.10340	0.26965	0.05774
SHY	-0.38224	0.16496	-0.05500	-0.04664	0.19023
ASSERT	0.52706	-0.31591	0.20888	-0.09071	-0.10767
STRPERS	0.57237	-0.36010	0.28233	0.01675	-0.20854
FORCEFUL	0.46450	-0.46386	0.21256	-0.10982	-0.10892
AFFECT	0.45815	0.38235	0.41052	0.12083	-0.19293
FLATTER	0.20381	0.14245	0.35074	0.17112	-0.11171
LOYAL	0.36003	0.26678	0.14024	0.01139	-0.20134
ANALYT	0.31875	-0.06612	0.03931	-0.13552	0.00332
FEMININE	0.28092	0.23441	-0.14559	0.06272	0.02074
SYMPATHY	0.31172	0.44641	0.05044	-0.38484	0.05697
MOODY	-0.12562	-0.13609	0.37828	-0.30096	0.19055
SENSITIV	0.34881	0.29324	0.00713	-0.40239	0.10504
UNDSTAND	0.41703	0.47731	-0.07676	-0.34635	0.06930
COMPASS	0.44315	0.48000	0.02468	-0.41149	0.00907
LEADERAB	0.67089	-0.35599	-0.01099	0.01340	0.13200
SOOTHE	0.36387	0.46789	0.09849	-0.17231	0.06992
RISK	0.45720	-0.11843	0.10325	0.07682	0.28020
DECIDE	0.54068	-0.21372	-0.24849	0.04851	0.15046
SELSUFF	0.54377	-0.18067	-0.50510	0.00128	0.05282
CONSCIEN	0.45522	0.09128	-0.33723	-0.10273	0.08560
DOMINANT	0.40940	-0.56768	0.14357	-0.07887	0.04208
MASCULIN	0.06855	-0.40131	0.14254	-0.10139	0.08539
STAND	0.62002	-0.20465	0.03599	-0.13222	-0.08541

HAPPY	0.35917	0.31887	-0.10533	0.45209	-0.27975	-0.00000
SOFTSPOK	-0.00790	0.42055	-0.31284	0.08318	0.21003	0.00000
WARM	0.44927	0.55675	0.16381	0.13378	-0.01315	0.00000
TRUTHFUL	0.27148	0.20071	-0.03096	-0.04782	-0.25783	0.00000
TENDER	0.42245	0.55512	0.14459	0.13598	0.07832	0.00000
GULLIBLE	-0.07648	0.20056	0.33349	0.09814	0.27725	-0.00000
LEADACT	0.60712	-0.44758	0.00663	0.08997	0.09947	-0.00000
CHILDLIK	-0.15879	-0.04284	0.41782	0.02603	0.05491	0.00000
INDIV	0.43987	-0.18320	-0.05480	0.06615	0.02746	0.00000
FOULLANG	0.07494	0.11432	-0.04087	0.10224	0.11828	0.00000
LOVECHIL	0.15582	0.27528	0.09906	0.10643	0.04816	-0.00000
COMPETE	0.42040	-0.22393	0.20564	0.31571	0.36573	-0.00000
AMBITIOU	0.43780	-0.12915	-0.01038	0.19053	0.41682	0.00000
GENTLE	0.36446	0.59757	0.04902	0.15817	0.16526	0.00000
Factor Pattern						
	Factor7	Factor8	Factor9	Factor10	Factor11	Factor12
SUBNO	0.18528	-0.07193	0.01056	0.04309	0.01376	0.00000
HELPFUL	-0.18651	-0.10569	-0.15490	0.07704	0.18401	-0.00000
RELIANT	-0.01579	0.10296	-0.15266	0.34276	0.14498	0.00000

#### The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Factor Pattern						
	Factor7	Factor8	Factor9	Factor10	Factor11	Factor12
DEFBEL	-0.06407	-0.03861	-0.06518	0.06557	-0.11309	-0.00000
YIELDING	0.12558	0.08058	-0.06145	0.02697	-0.01560	-0.00000
CHEERFUL	-0.01645	0.15033	0.05961	0.17957	-0.04606	0.00000
INDPT	-0.11476	0.05255	-0.05086	0.11192	0.11677	0.00000
ATHLET	-0.20219	-0.02001	-0.12147	0.18696	-0.09907	-0.00000
SHY	-0.03885	0.07341	0.11536	0.18285	0.16347	0.00000
ASSERT	0.12037	0.22854	0.15265	-0.06716	0.07242	0.00000
STRPERS	0.07356	0.20415	0.02685	-0.06380	0.01457	0.00000
FORCEFUL	0.11654	0.07109	0.20655	0.02872	-0.03348	0.00000
AFFECT	0.18011	-0.06056	-0.11013	-0.04399	0.24853	-0.00000
FLATTER	0.19728	0.05150	-0.26409	0.02479	-0.01342	-0.00000
LOYAL	-0.09876	-0.05371	0.01587	-0.11553	0.18022	-0.00000
ANALYT	-0.06902	0.03629	0.01690	-0.12196	0.00383	0.00000
FEMININE	0.49632	-0.03490	-0.09027	0.09030	-0.14743	-0.00000
SYMPATHY	0.02214	0.08295	-0.10056	0.00454	-0.05724	-0.00000
MOODY	0.09467	-0.07208	-0.15471	0.11808	0.00835	-0.00000
SENSITIV	-0.08618	0.03242	-0.04516	0.09359	-0.10853	-0.00000
UNDSTAND	-0.06401	0.04211	0.01096	0.01319	0.03389	0.00000
COMPASS	-0.06446	0.07989	0.09447	0.06653	0.03680	0.00000
LEADERAB	0.03653	-0.33207	-0.02461	-0.01963	0.07989	0.00000
SOOTHE	-0.00868	0.07033	-0.02530	-0.04664	-0.02331	-0.00000
RISK	-0.06050	0.01309	0.10301	0.13448	-0.13489	-0.00000

DECIDE	0.07975	0.07992	0.27274	-0.05674	0.04259	-0.01097
SELSUFF	0.14911	0.15298	-0.01097	-0.01369	0.14598	-0.01369
CONSCIEN	0.09885	-0.07605	-0.06809	-0.10538	-0.03154	0.03154
DOMINANT	0.09320	-0.08877	0.02260	0.08168	-0.05895	0.05895
MASCULIN	-0.26299	-0.07002	0.12098	0.04791	0.10385	-0.10385
STAND	-0.02672	-0.04542	0.07457	-0.07333	-0.31848	0.31848
HAPPY	-0.12165	0.02300	0.10836	0.06388	-0.12480	0.12480
SOFTSPOK	0.04737	-0.15902	0.06359	0.10441	-0.07532	0.07532
WARM	-0.02642	-0.17031	0.09522	0.06815	-0.06351	0.06351
TRUTHFUL	-0.18898	-0.19139	-0.08527	-0.12618	-0.12090	0.12090
TENDER	0.01999	-0.07503	0.07633	-0.04386	0.12995	-0.12995
GULLIBLE	0.10215	0.06377	0.09869	0.02920	0.05748	-0.05748
LEADACT	0.10074	-0.34857	0.07594	0.02895	0.09209	-0.09209
CHILDLIK	-0.02829	0.00926	0.08348	0.36878	-0.04365	0.04365
INDIV	-0.06736	0.10132	-0.14450	0.00198	-0.12893	0.12893
FOULLANG	-0.03343	0.08906	-0.00334	-0.05331	-0.12374	0.12374
LOVECHIL	-0.12471	0.05889	0.06470	-0.01733	0.07726	-0.07726
COMPETE	-0.15053	0.11268	-0.20679	-0.11464	0.00411	-0.00411
AMBITIOU	-0.10495	0.14954	-0.16044	-0.14060	0.00330	-0.00330
GENTLE	-0.02397	-0.01607	0.19473	-0.07839	-0.01094	0.01094

#### Variance Explained by Each Factor

Factor1	Factor2	Factor3	Factor4	Factor5	Factor6
7.0880185	4.5671576	1.9113079	1.5671154	1.1646078	0.8717514

#### The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Factor7	Factor8	Factor9	Factor10	Factor11	Factor12
0.7885879	0.6435779	0.5956468	0.5859871	0.5342308	0.4908910

#### Final Communality Estimates: Total = 20.808880

SUBNO	HELPUFUL	RELIANT	DEFBEL	YIELDING	CHEERFUL	INDPT	ATHL
0.07477268	0.38126511	0.55462951	0.37697192	0.21262814	0.47956056	0.45399065	0.292292
SHY	ASSERT	STRPERS	FORCEFUL	AFFECT	FLATTER	LOYAL	ANAL
0.31784262	0.55057583	0.70664678	0.56841490	0.73150215	0.34205693	0.34113032	0.204238
FEMININE	SYMPATHY	MOODY	SENSITIV	UNDSTAND	COMPASS	LEADERAB	S007
0.45051139	0.50357490	0.40902372	0.43803706	0.56245131	0.63249413	0.77553440	0.462633
RISK	DECIDE	SELSUFF	CONSCIEN	DOMINANT	MASCULIN	STAND	HAI
0.38970995	0.65157962	0.67463420	0.38924284	0.54635407	0.30654104	0.62660830	0.586940
SOFTSPOK	WARM	TRUTHFUL	TENDER	GULLIBLE	LEADACT	CHILDLIK	INI
0.47316725	0.60747036	0.29981728	0.60099066	0.28592742	0.80097041	0.40696575	0.358927
FOULLANG	LOVECHIL	COMPETE	AMBITIOU	GENTLE			
0.08022154	0.16429169	0.59816512	0.50175261	0.63582506			

#### The FACTOR Procedure

Input Data Type

Raw Data

Number of Records Read	369
Number of Records Used	369
N for Significance Tests	369

The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Prior Communalities Estimates: ONE

Preliminary Eigenvalues: Total = 45 Average = 1

	Eigenvalue	Difference	Proportion	Cumulative
1	7.53833592	2.51089362	0.1675	0.1675
2	5.02744230	2.61091816	0.1117	0.2792
3	2.41652414	0.34046737	0.0537	0.3329
4	2.07605677	0.36915599	0.0461	0.3791
5	1.70690078	0.28222815	0.0379	0.4170
6	1.42467263	0.04653690	0.0317	0.4487
7	1.37813573	0.21420913	0.0306	0.4793
8	1.16392660	0.01620070	0.0259	0.5052
9	1.14772590	0.03346417	0.0255	0.5307
10	1.11426173	0.02796763	0.0248	0.5554
11	1.08629409	0.05584959	0.0241	0.5796
12	1.03044450	0.05770536	0.0229	0.6025
13	0.97273914	0.02167048	0.0216	0.6241
14	0.95106866	0.05112450	0.0211	0.6452
15	0.89994416	0.04186066	0.0200	0.6652
16	0.85808350	0.00901589	0.0191	0.6843
17	0.84906761	0.04410236	0.0189	0.7031
18	0.80496525	0.03500863	0.0179	0.7210
19	0.76995662	0.01990026	0.0171	0.7381
20	0.75005636	0.04334598	0.0167	0.7548
21	0.70671038	0.02081541	0.0157	0.7705
22	0.68589497	0.03838170	0.0152	0.7858
23	0.64751327	0.02491244	0.0144	0.8001
24	0.62260083	0.01460096	0.0138	0.8140
25	0.60799987	0.01333315	0.0135	0.8275
26	0.59466672	0.03499016	0.0132	0.8407
27	0.55967657	0.01705061	0.0124	0.8531
28	0.54262595	0.02391910	0.0121	0.8652
29	0.51870685	0.00814956	0.0115	0.8767
30	0.51055730	0.01729915	0.0113	0.8881
31	0.49325815	0.01746662	0.0110	0.8990
32	0.47579153	0.04841079	0.0106	0.9096
33	0.42738074	0.01742062	0.0095	0.9191
34	0.40996012	0.01492273	0.0091	0.9282
35	0.39503740	0.01852433	0.0088	0.9370
36	0.37651307	0.01416426	0.0084	0.9454

37	0.36234881	0.03761658	0.0081	0.9534
38	0.32473223	0.01023127	0.0072	0.9606
39	0.31450096	0.02605307	0.0070	0.9676
40	0.28844790	0.00775077	0.0064	0.9740
41	0.28069712	0.01998124	0.0062	0.9803
42	0.26071589	0.00648731	0.0058	0.9861
43	0.25422857	0.02805349	0.0056	0.9917
44	0.22617509	0.07951779	0.0050	0.9967
45	0.14665730		0.0033	1.0000

5 factors will be retained by the NFACTOR criterion.

#### The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Iteration	Change	Communalities									
1	0.9295	0.07045	0.31093	0.40915	0.37017	0.24421	0.45266	0.45030	0.24887	0.18699	0.18699
		0.47174	0.58018	0.53404	0.57518	0.32446	0.34333	0.16706	0.18699	0.18699	0.18699
		0.42783	0.47223	0.58650	0.63409	0.58727	0.45054	0.40926	0.44604	0.44604	0.44604
		0.43339	0.56736	0.26311	0.47465	0.59617	0.39767	0.58934	0.30197	0.30197	0.30197
		0.41191	0.57742	0.28329	0.27285	0.10010	0.17425	0.53874	0.49144	0.49144	0.49144
2	0.1206	0.03179	0.26557	0.35285	0.30357	0.17376	0.36467	0.39687	0.16316	0.16316	0.16316
		0.43018	0.55006	0.49978	0.52826	0.22697	0.26541	0.12438	0.14131	0.14131	0.14131
		0.31684	0.39080	0.54151	0.59832	0.56131	0.39530	0.32702	0.39013	0.39013	0.39013
		0.36296	0.53117	0.19893	0.43377	0.53653	0.31265	0.55663	0.19260	0.19260	0.19260
		0.29126	0.54554	0.18696	0.23311	0.04769	0.12558	0.48132	0.42433	0.42433	0.42433
3	0.0303	0.03135	0.26389	0.34959	0.29660	0.16842	0.34805	0.39267	0.15584	0.15584	0.15584
		0.42810	0.54984	0.49852	0.52189	0.21258	0.25711	0.12334	0.14044	0.14044	0.14044
		0.28860	0.37602	0.53694	0.59669	0.56141	0.39071	0.31502	0.38460	0.38460	0.38460
		0.35355	0.52844	0.19527	0.43072	0.52205	0.29853	0.55563	0.17808	0.17808	0.17808
		0.26100	0.54416	0.17531	0.23212	0.04644	0.12416	0.47182	0.41208	0.41208	0.41208
4	0.0081	0.03144	0.26407	0.35016	0.29583	0.16810	0.34444	0.39276	0.15541	0.15541	0.15541
		0.42834	0.55069	0.49894	0.52099	0.21038	0.25647	0.12342	0.14075	0.14075	0.14075
		0.28045	0.37318	0.53688	0.59790	0.56201	0.39069	0.31344	0.38414	0.38414	0.38414
		0.35212	0.52838	0.19549	0.43046	0.51695	0.29583	0.55628	0.17633	0.17633	0.17633
		0.25309	0.54445	0.17398	0.23227	0.04649	0.12434	0.46994	0.40922	0.40922	0.40922
5	0.0025	0.03147	0.26415	0.35051	0.29572	0.16810	0.34355	0.39294	0.15542	0.15542	0.15542
		0.42847	0.55104	0.49912	0.52093	0.21003	0.25653	0.12344	0.14085	0.14085	0.14085
		0.27795	0.37266	0.53710	0.59870	0.56221	0.39084	0.31333	0.38413	0.38413	0.38413
		0.35184	0.52843	0.19566	0.43040	0.51477	0.29525	0.55659	0.17616	0.17616	0.17616
		0.25098	0.54457	0.17384	0.23231	0.04649	0.12439	0.46951	0.40841	0.40841	0.40841
6	0.0010	0.03147	0.26417	0.35063	0.29570	0.16811	0.34330	0.39302	0.15543	0.15543	0.15543
		0.42850	0.55116	0.49918	0.52097	0.20998	0.25659	0.12343	0.14089	0.14089	0.14089
		0.27714	0.37260	0.53722	0.59908	0.56226	0.39090	0.31338	0.38414	0.38414	0.38414
		0.35176	0.52846	0.19573	0.43037	0.51377	0.29511	0.55669	0.17616	0.17616	0.17616
		0.25042	0.54461	0.17383	0.23231	0.04649	0.12441	0.46940	0.40814	0.40814	0.40814
7	0.0005	0.03147	0.26418	0.35067	0.29570	0.16811	0.34323	0.39305	0.15543	0.15543	0.15543
		0.42851	0.55120	0.49919	0.52102	0.20998	0.25662	0.12343	0.14090	0.14090	0.14090

0.27688	0.37261	0.53728	0.59924	0.56227	0.39092	0.31341	0.38415	0
0.35173	0.52848	0.19576	0.43036	0.51330	0.29507	0.55673	0.17617	0
0.25027	0.54462	0.17383	0.23231	0.04649	0.12441	0.46937	0.40804	0

Convergence criterion satisfied.

Eigenvalues of the Reduced Correlation Matrix: Total = 15.7483793 Average = 0.34996398

	Eigenvalue	Difference	Proportion	Cumulative
1	6.96100004	2.49161710	0.4420	0.4420
2	4.46938294	2.68999194	0.2838	0.7258
3	1.77939100	0.29564441	0.1130	0.8388
4	1.48374659	0.42923542	0.0942	0.9330
5	1.05451117	0.30863177	0.0670	1.0000
6	0.74587940	0.11605797	0.0474	1.0473
7	0.62982144	0.13689401	0.0400	1.0873
8	0.49292743	0.02424418	0.0313	1.1186
9	0.46868325	0.03387679	0.0298	1.1484
10	0.43480646	0.03956884	0.0276	1.1760
11	0.39523762	0.07342870	0.0251	1.2011

The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Eigenvalues of the Reduced Correlation Matrix: Total = 15.7483793 Average = 0.34996398

	Eigenvalue	Difference	Proportion	Cumulative
12	0.32180891	0.05950335	0.0204	1.2215
13	0.26230556	0.04614792	0.0167	1.2382
14	0.21615764	0.04114209	0.0137	1.2519
15	0.17501555	0.03165918	0.0111	1.2630
16	0.14335637	0.01623801	0.0091	1.2721
17	0.12711836	0.01296986	0.0081	1.2802
18	0.11414851	0.02311770	0.0072	1.2875
19	0.09103081	0.01977442	0.0058	1.2932
20	0.07125639	0.02263739	0.0045	1.2978
21	0.04861899	0.04721590	0.0031	1.3008
22	0.00140309	0.03914477	0.0001	1.3009
23	-.03774168	0.00752240	-0.0024	1.2985
24	-.04526408	0.01141879	-0.0029	1.2957
25	-.05668287	0.00437487	-0.0036	1.2921
26	-.06105774	0.01413202	-0.0039	1.2882
27	-.07518976	0.03034673	-0.0048	1.2834
28	-.10553649	0.01059075	-0.0067	1.2767
29	-.11612724	0.01560346	-0.0074	1.2693
30	-.13173070	0.02367570	-0.0084	1.2610
31	-.15540640	0.02551032	-0.0099	1.2511
32	-.18091672	0.00837981	-0.0115	1.2396
33	-.18929653	0.01430108	-0.0120	1.2276

34	-.20359761	0.01278704	-0.0129	1.2147
35	-.21638465	0.01620392	-0.0137	1.2009
36	-.23258856	0.01619108	-0.0148	1.1862
37	-.24877964	0.01748262	-0.0158	1.1704
38	-.26626227	0.02840293	-0.0169	1.1535
39	-.29466520	0.01077147	-0.0187	1.1347
40	-.30543667	0.01290634	-0.0194	1.1153
41	-.31834301	0.01090510	-0.0202	1.0951
42	-.32924811	0.02942015	-0.0209	1.0742
43	-.35866826	0.04354348	-0.0228	1.0515
44	-.40221173	0.00588059	-0.0255	1.0259
45	-.40809233		-0.0259	1.0000

Factor Pattern					
	Factor1	Factor2	Factor3	Factor4	Factor5
SUBNO	-0.07581	0.07947	-0.10368	0.06176	0.06962
HELPFUL	0.47653	0.13759	-0.11229	-0.02255	-0.07105
RELIANT	0.46585	-0.15130	-0.31953	-0.03705	-0.08536
DEFBEL	0.47428	-0.08992	0.06917	-0.17482	-0.16530
YIELDING	0.08294	0.35986	-0.07379	0.09733	0.12968
CHEERFUL	0.34720	0.23716	-0.08310	0.33696	-0.21443
INDPT	0.45921	-0.29591	-0.30242	0.00021	-0.05611
ATHLET	0.26770	-0.08344	0.09944	0.25285	0.05464
SHY	-0.37825	0.16667	-0.05197	-0.04642	0.17840
ASSERT	0.52064	-0.31661	0.20158	-0.08327	-0.09815
STRPERS	0.56264	-0.35843	0.26567	0.01700	-0.18788
FORCEFUL	0.46116	-0.46679	0.21167	-0.10758	-0.11068
AFFECT	0.45096	0.36304	0.37548	0.11513	-0.17781

#### The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

Factor Pattern					
	Factor1	Factor2	Factor3	Factor4	Factor5
FLATTER	0.20249	0.13658	0.33603	0.16248	-0.10493
LOYAL	0.36078	0.26017	0.13449	0.01937	-0.20078
ANALYT	0.31802	-0.06923	0.03588	-0.12734	0.00083
FEMININE	0.27226	0.21729	-0.12743	0.05410	0.01986
SYMPATHY	0.31569	0.44310	0.05164	-0.37975	0.05142
MOODY	-0.12490	-0.13223	0.36653	-0.28448	0.16888
SENSITIV	0.35151	0.28985	0.00905	-0.39393	0.09889
UNDSTAND	0.42328	0.47648	-0.07881	-0.34716	0.06590
COMPASS	0.44918	0.47802	0.02425	-0.41036	-0.00020
LEADERAB	0.65385	-0.34933	-0.00944	0.01084	0.11187
SOOTHE	0.36699	0.46256	0.09935	-0.16740	0.06622
RISK	0.45544	-0.12227	0.10670	0.07629	0.27172
DECIDE	0.52344	-0.20918	-0.21920	0.04445	0.12798

SELSUFF	0.53947	-0.18511	-0.49648	0.00497	0.06468
CONSCIEN	0.45749	0.08622	-0.34146	-0.09885	0.09295
DOMINANT	0.40818	-0.57598	0.14722	-0.08236	0.04060
MASCULIN	0.06572	-0.39564	0.13976	-0.09876	0.07495
STAND	0.60721	-0.20494	0.03124	-0.11132	-0.07926
HAPPY	0.36030	0.31240	-0.10741	0.44683	-0.27331
SOFTSPOK	-0.00526	0.40844	-0.29359	0.07966	0.18890
WARM	0.45380	0.55104	0.16419	0.13994	-0.02455
TRUTHFUL	0.27084	0.19399	-0.03436	-0.03784	-0.25014
TENDER	0.42546	0.54652	0.14237	0.14146	0.07011
GULLIBLE	-0.07542	0.20282	0.34375	0.09568	0.27590
LEADACT	0.58702	-0.43320	0.00886	0.07563	0.08101
CHILDLIK	-0.15495	-0.04001	0.38246	0.02277	0.03767
INDIV	0.43474	-0.18573	-0.05701	0.06740	0.03197
FOULLANG	0.07590	0.11373	-0.04010	0.10428	0.12372
LOVECHIL	0.15829	0.27453	0.10015	0.10978	0.04368
COMPETE	0.41478	-0.22440	0.20149	0.29587	0.34473
AMBITIOU	0.43510	-0.13256	-0.00758	0.18341	0.40922
GENTLE	0.36628	0.58548	0.04946	0.15952	0.15118

Variance Explained by Each Factor

Factor1	Factor2	Factor3	Factor4	Factor5
6.9610000	4.4693829	1.7793910	1.4837466	1.0545112

Final Communalities Estimates: Total = 15.748032

SUBNO	HELPUFUL	RELIANT	DEFBEL	YIELDING	CHEERFUL	INDPT	ATHL
0.03147327	0.26417551	0.35066715	0.29569755	0.16811375	0.34322724	0.39304562	0.155430
SHY	ASSERT	STRPERS	FORCEFUL	AFFECT	FLATTER	LOYAL	ANAL
0.20753261	0.42851228	0.55119819	0.49919426	0.52101901	0.20998161	0.25662103	0.123433

The FACTOR Procedure

Initial Factor Method: Iterated Principal Factor Analysis

FEMININE	SYMPATHY	MOODY	SENSITIV	UNDSTAND	COMPASS	LEADERAB	SOOT
0.14089628	0.44552447	0.27687923	0.37261349	0.53727729	0.59924314	0.56227031	0.390923
RISK	DECIDE	SELSUFF	CONSCIEN	DOMINANT	MASCULIN	STAND	HAI
0.31340793	0.38414980	0.57599625	0.35173283	0.52847665	0.19575723	0.43036119	0.513299
SOFTSPOK	WARM	TRUTHFUL	TENDER	GULLIBLE	LEADACT	CHILDLIK	INI
0.29507334	0.55672889	0.17617042	0.52489400	0.25026909	0.54461988	0.17382773	0.232313
FOULLANG	LOVECHIL	COMPETE	AMBITIOU	GENTLE			
0.04648545	0.12441181	0.46936799	0.40804032	0.52770230			

The FACTOR Procedure

Rotation Method: Varimax

Orthogonal Transformation Matrix

	1	2	3	4	5
1	0.60993	0.43395	0.38349	0.39678	0.36766



2	-0.60156	0.60032	0.50151	-0.13794	-0.08484
3	0.39420	0.06114	0.16461	-0.89917	0.07258
4	-0.19149	-0.64255	0.61472	0.01840	0.41503
5	-0.27212	0.18628	-0.44322	-0.12121	0.82469

Rotated Factor Pattern					
	Factor1	Factor2	Factor3	Factor4	Factor5
SUBNO	-0.16568	-0.01825	0.00082	0.04488	0.04091
HELPFUL	0.18727	0.28377	0.25089	0.27926	0.08742
RELIANT	0.27951	0.09969	0.06523	0.50269	0.07515
DEFBEL	0.44909	0.23760	0.11397	0.15521	-0.02186
YIELDING	-0.24890	0.20913	0.20249	0.03570	0.14195
CHEERFUL	0.03017	0.03150	0.54059	0.21196	0.06451
INDPT	0.35411	-0.00745	0.00292	0.50176	0.12580
ATHLET	0.18939	-0.08013	0.20840	0.02635	0.26272
SHY	-0.39111	-0.00420	-0.17763	-0.14882	-0.02912
ASSERT	0.63013	0.08341	0.06638	0.07936	0.11741
STRPERS	0.71138	-0.00070	0.17346	0.05689	0.10866
FORCEFUL	0.69624	-0.01866	-0.03948	0.06848	0.08859
AFFECT	0.23102	0.32949	0.56640	-0.18509	0.06339
FLATTER	0.17124	0.06647	0.34785	-0.22493	0.06815
LOYAL	0.16748	0.27111	0.39187	0.01103	-0.03721
ANALYT	0.27392	0.18061	0.01449	0.10103	0.07323
FEMININE	-0.03065	0.20973	0.21686	0.19122	0.11125
SYMPATHY	0.00508	0.65974	0.09555	0.00449	-0.03298
MOODY	0.15637	0.10309	-0.30360	-0.38659	0.01311
SENSITIV	0.09213	0.59863	-0.00433	0.07212	0.02336
UNDSTAND	-0.01098	0.70025	0.14570	0.15872	0.01974
COMPASS	0.07460	0.74700	0.16381	0.08296	-0.04413
LEADERAB	0.57270	0.08732	0.03108	0.30275	0.36610
SOOTHE	-0.00122	0.56291	0.25682	-0.01863	0.08803
RISK	0.30485	0.13235	0.05737	0.07011	0.44131
DECIDE	0.31534	0.08345	0.03035	0.41895	0.31828
SELFUFF	0.22613	0.10147	0.00670	0.67826	0.23342
CONSCIEN	0.08620	0.31023	0.06051	0.46358	0.17173
DOMINANT	0.65821	-0.09916	-0.17672	0.10260	0.20892
MASCULIN	0.33170	-0.12303	-0.24414	-0.05592	0.08869
STAND	0.54884	0.19915	0.10192	0.24868	0.13133
HAPPY	-0.02170	-0.00070	0.67297	0.23780	0.05822
SOFTSPOK	-0.43130	0.20897	0.11974	0.18413	0.13095
WARM	-0.01009	0.44327	0.57432	-0.03804	0.16984
TRUTHFUL	0.11027	0.20960	0.28310	0.14122	-0.14137
TENDER	-0.05931	0.44359	0.51656	-0.04048	0.23691
GULLIBLE	-0.12591	0.09997	0.06591	-0.39868	0.24725
LEADACT	0.58560	-0.03829	0.01991	0.27629	0.35141
CHILDLIK	0.06571	-0.07549	-0.01923	-0.40401	0.01470

INDIV	0.33281	0.03631	0.09145	0.24675	0.22579
FOULLANG	-0.09156	0.05480	0.08881	0.03741	0.16066
LOVECHIL	-0.06203	0.17721	0.26299	-0.06839	0.12376

The FACTOR Procedure  
Rotation Method: Varimax

	Rotated Factor Pattern				
	Factor1	Factor2	Factor3	Factor4	Factor5
COMPETE	0.31693	-0.06829	0.10878	-0.02198	0.59325
AMBITIOU	0.19565	0.06715	0.03050	0.15151	0.58426
GENTLE	-0.18098	0.43911	0.47329	0.00471	0.27947

Variance Explained by Each Factor				
Factor1	Factor2	Factor3	Factor4	Factor5
4.6159375	3.5773572	2.9638856	2.6356099	1.9552415

Final Communality Estimates: Total = 15.748032							
SUBNO	HELPFUL	RELIANT	DEFBEL	YIELDING	CHEERFUL	INDPT	ATHL
0.03147327	0.26417551	0.35066715	0.29569755	0.16811375	0.34322724	0.39304562	0.155430
SHY	ASSERT	STRPERS	FORCEFUL	AFFECT	FLATTER	LOYAL	ANAL
0.20753261	0.42851228	0.55119819	0.49919426	0.52101901	0.20998161	0.25662103	0.123433
FEMININE	SYMPATHY	MOODY	SENSITIV	UNDSTAND	COMPASS	LEADERAB	SOOT
0.14089628	0.44552447	0.27687923	0.37261349	0.53727729	0.59924314	0.56227031	0.390923
RISK	DECIDE	SELSUFF	CONSCIEN	DOMINANT	MASCULIN	STAND	HAI
0.31340793	0.38414980	0.57599625	0.35173283	0.52847665	0.19575723	0.43036119	0.513299
SOFTSPOK	WARM	TRUTHFUL	TENDER	GULLIBLE	LEADACT	CHILDLIK	INI
0.29507334	0.55672889	0.17617042	0.52489400	0.25026909	0.54461988	0.17382773	0.232313
FOULLANG	LOVECHIL	COMPETE	AMBITIOU	GENTLE			
0.04648545	0.12441181	0.46936799	0.40804032	0.52770230			

The FACTOR Procedure  
Rotation Method: Varimax  
Scoring Coefficients Estimated by Regression

Squared Multiple Correlations of the Variables with Each Factor				
Factor1	Factor2	Factor3	Factor4	Factor5
0.85700074	0.82957522	0.78506192	0.77714407	0.68969713

Standardized Scoring Coefficients					
	Factor1	Factor2	Factor3	Factor4	Factor5
SUBNO	-0.03359	-0.00326	-0.00161	0.01111	0.02989
HELPFUL	0.01494	0.03070	0.03074	0.05897	-0.01841
RELIANT	0.01911	0.00068	0.01756	0.12526	-0.03622
DEFBEL	0.08957	0.03124	0.02380	0.01199	-0.08118
YIELDING	-0.05243	0.01960	0.02636	0.00339	0.05894
CHEERFUL	-0.01230	-0.06509	0.14890	0.06835	-0.01693

INDPT	0.02948	-0.01973	-0.00596	0.13056	-0.02104
ATHLET	0.00765	-0.03191	0.04390	-0.01695	0.06278
SHY	-0.05807	0.02248	-0.06450	-0.01241	0.05415
ASSERT	0.12638	0.01048	0.01716	-0.04105	-0.02734
STRPERS	0.20696	-0.06020	0.10608	-0.05385	-0.06978
FORCEFUL	0.16349	0.01103	-0.02362	-0.05560	-0.04557
AFFECT	0.09833	0.01824	0.20718	-0.14254	-0.06447
FLATTER	0.03762	-0.00664	0.07693	-0.07440	0.00161
LOYAL	0.04355	0.02944	0.08089	-0.01558	-0.06316
ANALYT	0.03649	0.02765	-0.01188	0.00194	-0.00738
FEMININE	-0.02869	0.01869	0.01947	0.03049	0.01827
SYMPATHY	0.00928	0.18573	-0.05762	-0.01438	-0.03771
MOODY	0.05123	0.07468	-0.07852	-0.13534	0.02716
SENSITIV	0.01617	0.15054	-0.07885	-0.00173	-0.00653
UNDSTAND	-0.01986	0.22056	-0.07346	0.03724	-0.01714
COMPASS	0.03299	0.29365	-0.08780	-0.00079	-0.10802
LEADERAB	0.09110	0.03474	-0.06704	0.04853	0.09995
SOOTHE	-0.01360	0.10285	0.02416	-0.03337	0.02173
RISK	0.01341	0.01673	-0.03089	-0.02317	0.16269
DECIDE	-0.00027	-0.00152	-0.03114	0.08536	0.08803
SELSUFF	-0.04339	-0.00377	-0.05975	0.32840	0.06914
CONSCIEN	-0.03990	0.06023	-0.02756	0.13410	0.02268
DOMINANT	0.15783	-0.00771	-0.08542	-0.03379	0.03857
MASCULIN	0.05885	-0.00344	-0.04591	-0.04145	0.01085
STAND	0.11285	0.06061	-0.01903	0.03933	-0.03254
HAPPY	-0.02772	-0.15566	0.33476	0.09687	-0.06007
SOFTSPOK	-0.11046	0.02244	-0.00336	0.07755	0.07681
WARM	-0.00766	0.04644	0.17878	-0.06898	0.04026
TRUTHFUL	0.03678	0.01297	0.04161	0.04185	-0.09507
TENDER	-0.03765	0.05702	0.11186	-0.04335	0.09456
GULLIBLE	-0.02279	0.02611	-0.01714	-0.13799	0.13380
LEADACT	0.07155	-0.06313	0.01978	0.05937	0.11941
CHILDLIK	0.03021	-0.01012	-0.00650	-0.10662	0.04113
INDIV	0.02836	-0.00869	0.00967	0.02958	0.03744
FOULLANG	-0.02773	-0.00269	0.01303	0.00719	0.05362
LOVECHIL	-0.00054	0.00959	0.03022	-0.02969	0.03166

The FACTOR Procedure

Rotation Method: Varimax

Standardized Scoring Coefficients					
	Factor1	Factor2	Factor3	Factor4	Factor5
COMPETE	0.01155	-0.05373	0.00298	-0.09487	0.30360
AMBITIOU	-0.03873	0.00353	-0.04408	0.00263	0.25467
GENTLE	-0.09838	0.07384	0.09294	-0.03250	0.15280

Y C F F S S U L S C D M S T G



