

Reliability

***** Method 1 (space saver) will be used for this analysis

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

		Mean	Std Dev	Cases
1.	VAR00001	3.3333	.4795	30.0
2.	VAR00002	3.0667	.6397	30.0
3.	VAR00003	3.5333	.5074	30.0
4.	VAR00004	3.0000	.5252	30.0
5.	VAR00005	3.1667	.5307	30.0
6.	VAR00006	3.0667	.6397	30.0
7.	VAR00007	3.1000	.7120	30.0
8.	VAR00008	3.1333	.6814	30.0
9.	VAR00009	3.1333	.5713	30.0
10.	VAR00010	2.0000	.7878	30.0
11.	VAR00011	3.2667	.4498	30.0
12.	VAR00012	3.1000	.6074	30.0
13.	VAR00013	3.1667	.6477	30.0
14.	VAR00014	1.9667	.6149	30.0
15.	VAR00015	2.8000	.8052	30.0
16.	VAR00016	2.2000	.7144	30.0
17.	VAR00017	2.4000	.6215	30.0
18.	VAR00018	2.0333	.7184	30.0
19.	VAR00019	2.3333	.6609	30.0
20.	VAR00020	2.9333	.6397	30.0
21.	VAR00021	2.7667	.7739	30.0
22.	VAR00022	3.2000	.6103	30.0
23.	VAR00023	2.9333	.5833	30.0
24.	VAR00024	2.2333	.5683	30.0
25.	VAR00025	2.9333	.6397	30.0
26.	VAR00026	2.8333	.7915	30.0
27.	VAR00027	2.8667	.6814	30.0
28.	VAR00028	2.5667	.6789	30.0
29.	VAR00029	3.4000	.4983	30.0
30.	VAR00030	2.7333	.5833	30.0
31.	VAR00031	3.0000	.6948	30.0
32.	VAR00032	3.1000	.5477	30.0
33.	VAR00033	2.7333	.8277	30.0
34.	VAR00034	2.3667	.8899	30.0
35.	VAR00035	2.5667	.7739	30.0
36.	VAR00036	2.3000	.6513	30.0
37.	VAR00037	2.1333	.7303	30.0
38.	VAR00038	2.1667	.5307	30.0
39.	VAR00039	1.9000	.6618	30.0
40.	VAR00040	2.2333	.5683	30.0
41.	VAR00041	3.1667	.6477	30.0
42.	VAR00042	3.4333	.5040	30.0
43.	VAR00043	2.2667	.7849	30.0
44.	VAR00044	3.3333	.4795	30.0

45.	VAR00045	3.2333	.6789	30.0
46.	VAR00046	2.4000	.7701	30.0

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

Statistics for	Mean	Variance	Std Dev	N of Variables
SCALE	127.5333	198.6023	14.0926	46

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Alpha if Item Deleted
VAR00001	124.2000	192.6483	.4301	.9195
VAR00002	124.4667	188.6023	.5459	.9183
VAR00003	124.0000	193.1724	.3667	.9199
VAR00004	124.5333	192.3264	.4119	.9196
VAR00005	124.3667	191.7575	.4466	.9193
VAR00006	124.4667	187.5678	.6064	.9177
VAR00007	124.4333	186.9437	.5728	.9179
VAR00008	124.4000	189.6966	.4497	.9192
VAR00009	124.4000	189.5586	.5541	.9183
VAR00010	125.5333	187.4989	.4859	.9188
VAR00011	124.2667	192.6851	.4577	.9194
VAR00012	124.4333	190.8747	.4384	.9193
VAR00013	124.3667	190.5161	.4288	.9194
VAR00014	125.5667	195.0126	.1870	.9215
VAR00015	124.7333	189.5126	.3808	.9201
VAR00016	125.3333	191.2644	.3455	.9203
VAR00017	125.1333	195.2920	.1684	.9217
VAR00018	125.5000	188.8793	.4663	.9190
VAR00019	125.2000	189.5448	.4737	.9189
VAR00020	124.6000	193.0759	.2879	.9207
VAR00021	124.7667	189.1506	.4159	.9196
VAR00022	124.3333	189.1264	.5424	.9184
VAR00023	124.6000	191.5586	.4152	.9195
VAR00024	125.3000	195.0448	.2038	.9213
VAR00025	124.6000	190.7310	.4223	.9194
VAR00026	124.7000	187.5966	.4787	.9189
VAR00027	124.6667	187.2644	.5830	.9178
VAR00028	124.9667	188.9989	.4898	.9188
VAR00029	124.1333	191.5678	.4920	.9190

VAR00030	124.8000	189.9586	.5164	.9186
VAR00031	124.5333	186.6713	.6030	.9176
VAR00032	124.4333	188.8057	.6309	.9178
VAR00033	124.8000	186.3724	.5109	.9185
VAR00034	125.1667	185.7299	.4980	.9188
VAR00035	124.9667	188.7230	.4365	.9194
VAR00036	125.2333	191.0126	.3980	.9197
VAR00037	125.4000	190.1793	.3917	.9198
VAR00038	125.3667	191.4126	.4705	.9191
VAR00039	125.6333	190.6540	.4110	.9195
VAR00040	125.3000	191.3897	.4381	.9193
VAR00041	124.3667	188.7230	.5316	.9184

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Alpha if Item Deleted
VAR00042	124.1000	192.5759	.4127	.9196
VAR00043	125.2667	194.8230	.1444	.9227
VAR00044	124.2000	192.3034	.4564	.9193
VAR00045	124.3000	191.1138	.3744	.9199
VAR00046	125.1333	190.2575	.3649	.9202

Reliability Coefficients

N of Cases = 30.0

N of Items = 46

Alpha = .9210

Reliability

***** Method 1 (space saver) will be used for this analysis

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

		Mean	Std Dev	Cases
1.	VAR00001	3.1583	.3666	120.0
2.	VAR00002	3.2250	.4577	120.0
3.	VAR00003	3.1833	.3886	120.0
4.	VAR00004	3.0083	.4936	120.0
5.	VAR00005	3.1750	.3816	120.0
6.	VAR00006	2.7583	.5650	120.0
7.	VAR00007	2.9917	.5103	120.0
8.	VAR00008	3.2250	.4930	120.0
9.	VAR00009	3.1250	.5433	120.0
10.	VAR00010	3.2000	.4415	120.0
11.	VAR00011	2.9333	.4626	120.0
12.	VAR00012	2.9417	.4727	120.0
13.	VAR00013	3.3000	.4602	120.0
14.	VAR00014	2.7667	.6576	120.0
15.	VAR00015	2.9833	.5795	120.0
16.	VAR00016	2.6833	.5795	120.0
17.	VAR00017	3.3917	.5070	120.0
18.	VAR00018	2.5917	.6798	120.0
19.	VAR00019	3.0917	.7218	120.0
20.	VAR00020	2.8500	.6437	120.0
21.	VAR00021	3.0833	.5279	120.0
22.	VAR00022	3.3500	.4790	120.0
23.	VAR00023	2.9917	.6011	120.0
24.	VAR00024	3.2667	.4441	120.0
25.	VAR00025	3.2250	.5719	120.0
26.	VAR00026	3.1917	.4357	120.0
27.	VAR00027	2.6583	.9658	120.0
28.	VAR00028	2.7917	.8391	120.0
29.	VAR00029	2.5667	.8274	120.0
30.	VAR00030	2.4000	.9294	120.0
31.	VAR00031	2.7583	.5185	120.0
32.	VAR00032	2.6833	.6734	120.0
33.	VAR00033	3.1750	.4613	120.0
34.	VAR00034	3.1750	.5893	120.0
35.	VAR00035	3.3500	.4790	120.0
36.	VAR00036	3.1917	.5695	120.0
37.	VAR00037	2.7500	.6251	120.0
38.	VAR00038	2.6667	.6262	120.0
39.	VAR00039	3.2583	.4583	120.0
40.	VAR00040	2.9667	.5788	120.0

Statistics for	Mean	Variance	Std Dev	N of Variables
SCALE	120.0833	54.3964	7.3754	40

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Alpha if Item Deleted
VAR00001	116.9250	52.9943	.2375	.7667
VAR00002	116.8583	52.2907	.2865	.7647
VAR00003	116.9000	52.0403	.3933	.7623
VAR00004	117.0750	51.9355	.3117	.7636
VAR00005	116.9083	52.8067	.2604	.7660
VAR00006	117.3250	51.5489	.3116	.7631
VAR00007	117.0917	52.3361	.2438	.7659
VAR00008	116.8583	52.7613	.1944	.7677
VAR00009	116.9583	52.3932	.2172	.7669
VAR00010	116.8833	52.1880	.3156	.7639
VAR00011	117.1500	51.8765	.3460	.7627
VAR00012	117.1417	52.9125	.1833	.7681
VAR00013	116.7833	52.8770	.1954	.7677
VAR00014	117.3167	52.1510	.1909	.7684
VAR00015	117.1000	52.4941	.1865	.7682
VAR00016	117.4000	52.2084	.2212	.7668
VAR00017	116.6917	52.6688	.1998	.7675
VAR00018	117.4917	51.6806	.2306	.7667
VAR00019	116.9917	51.3865	.2405	.7663
VAR00020	117.2333	51.5081	.2678	.7648
VAR00021	117.0000	52.5546	.2042	.7674
VAR00022	116.7333	52.9031	.1814	.7681
VAR00023	117.0917	52.2184	.2091	.7673
VAR00024	116.8167	51.5459	.4161	.7607
VAR00025	116.8583	52.2571	.2192	.7669
VAR00026	116.8917	52.5680	.2593	.7657
VAR00027	117.4250	48.9187	.3364	.7619
VAR00028	117.2917	50.5949	.2595	.7660
VAR00029	117.5167	50.8905	.2390	.7671
VAR00030	117.6833	50.4535	.2332	.7685
VAR00031	117.3250	52.7422	.1839	.7681
VAR00032	117.4000	52.0908	.1905	.7685
VAR00033	116.9083	52.4033	.2665	.7653
VAR00034	116.9083	52.3865	.1949	.7679
VAR00035	116.7333	52.7854	.1985	.7676
VAR00036	116.8917	51.8957	.2653	.7650
VAR00037	117.3333	51.1317	.3215	.7624
VAR00038	117.4167	50.8838	.3493	.7612
VAR00039	116.8250	52.2632	.2902	.7646
VAR00040	117.1167	52.0535	.2404	.7660

—

RELIABILITY ANALYSIS - SCALE (ALPHA)

Reliability Coefficients

N of Cases = 120.0

N of Items = 40

Alpha = .7704

Factor Analysis

Correlation Matrix^a

a. Determinant = 1.642E-05

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.549
Bartlett's Test of Sphericity	Approx. Chi-Square	1154.975
	df	780
	Sig.	.000

Communalities

	Initial	Extraction
VAR00001	1.000	.469
VAR00002	1.000	.536
VAR00003	1.000	.587
VAR00004	1.000	.435
VAR00005	1.000	.442
VAR00006	1.000	.457
VAR00007	1.000	.399
VAR00008	1.000	.460
VAR00009	1.000	.523
VAR00010	1.000	.481
VAR00011	1.000	.512
VAR00012	1.000	.428
VAR00013	1.000	.266
VAR00014	1.000	.448
VAR00015	1.000	.478
VAR00016	1.000	.400
VAR00017	1.000	.446
VAR00018	1.000	.481
VAR00019	1.000	.482
VAR00020	1.000	.223
VAR00021	1.000	.310
VAR00022	1.000	.301
VAR00023	1.000	.406
VAR00024	1.000	.440
VAR00025	1.000	.366
VAR00026	1.000	.384
VAR00027	1.000	.557
VAR00028	1.000	.402
VAR00029	1.000	.592
VAR00030	1.000	.560
VAR00031	1.000	.308
VAR00032	1.000	.256
VAR00033	1.000	.250
VAR00034	1.000	.340
VAR00035	1.000	.338
VAR00036	1.000	.214
VAR00037	1.000	.374
VAR00038	1.000	.427
VAR00039	1.000	.433
VAR00040	1.000	.423

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4.479	11.196	11.196	5.479	11.196	11.196	2.768	6.919	6.919
2	2.814	7.034	18.231	2.814	7.034	18.231	2.716	6.791	13.710
3	2.423	6.056	24.287	2.423	6.056	24.287	2.614	6.534	20.244
4	1.868	4.671	28.958	1.868	4.671	28.958	2.234	5.585	25.829
5	1.804	4.510	33.468	1.804	4.510	33.468	2.193	5.483	31.313
6	1.692	4.231	37.699	1.692	4.231	37.699	2.147	5.368	36.680
7	1.557	3.892	41.591	1.557	3.892	41.591	1.964	4.910	41.591
8	1.456	3.640	45.231						
9	1.352	3.381	48.612						
10	1.292	3.230	51.842						
11	1.218	3.046	54.888						
12	1.186	2.966	57.854						
13	1.128	2.819	60.673						
14	1.064	2.660	63.333						
15	1.039	2.597	65.930						
16	1.006	2.516	68.446						
17	.932	2.329	70.775						
18	.909	2.272	73.047						
19	.873	2.183	75.229						
20	.845	2.113	77.342						
21	.761	1.902	79.244						
22	.747	1.867	81.111						
23	.681	1.703	82.813						
24	.658	1.645	84.458						
25	.635	1.588	86.046						
26	.588	1.470	87.516						
27	.567	1.417	88.934						
28	.525	1.312	90.246						
29	.485	1.212	91.458						
30	.461	1.153	92.612						
31	.441	1.101	93.713						
32	.397	.992	94.705						
33	.370	.924	95.629						
34	.361	.903	96.533						
35	.283	.708	97.241						
36	.255	.636	97.877						
37	.242	.605	98.482						
38	.219	.548	99.031						
39	.215	.537	99.568						
40	.173	.432	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component						
	1	2	3	4	5	6	7
VAR00003	.552						
VAR00024	.537						
VAR00004							
VAR00010							
VAR00006							
VAR00002							
VAR00038							
VAR00001							
VAR00005							
VAR00007							
VAR00020							
VAR00036							
VAR00033							
VAR00029		-.531					
VAR00027							
VAR00017							
VAR00028							
VAR00026							
VAR00021							
VAR00019							
VAR00022							
VAR00039							
VAR00030			.601				
VAR00015							
VAR00037							
VAR00018							
VAR00014							
VAR00012							
VAR00011							
VAR00016							
VAR00031							
VAR00009					.594		
VAR00034							
VAR00025							
VAR00035							
VAR00008							
VAR00023							
VAR00032							
VAR00013							
VAR00040							

Extraction Method: Principal Component Analysis.

a. 7 components extracted.

Rotated Component Matrix^a

	Component						
	1	2	3	4	5	6	7
VAR00029	.750						
VAR00030	.724						
VAR00027	.719						
VAR00028	.605						
VAR00037							
VAR00026							
VAR00003		.733					
VAR00002		.680					
VAR00001		.637					
VAR00004		.623					
VAR00020							
VAR00039			.569				
VAR00038			.529				
VAR00021			.521				
VAR00025			.518				
VAR00023							
VAR00022							
VAR00013							
VAR00033							
VAR00032							
VAR00014				.658			
VAR00015				.649			
VAR00005							
VAR00006							
VAR00016							
VAR00007							
VAR00008					.667		
VAR00010					.648		
VAR00009					.581		
VAR00024							
VAR00018							
VAR00035							
VAR00011						.656	
VAR00012						.563	
VAR00019						.526	
VAR00031						.516	
VAR00036							
VAR00017							.521
VAR00034							.518
VAR00040							.515

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 12 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7
1	.326	.531	.461	.302	.386	.340	.209
2	-.642	-.310	.549	-.224	.159	.213	.263
3	.664	-.424	.152	-.517	-.020	.141	.263
4	.042	-.357	-.063	.551	-.464	.583	.090
5	-.022	-.127	-.204	-.182	.456	.537	-.642
6	-.015	-.338	-.434	.305	.617	-.121	.456
7	.195	-.429	.478	.401	.147	-.421	-.435

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

Factor Analysis

Correlation Matrix^a

a. Determinant = 1.642E-05

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.549
Bartlett's Test of Sphericity	Approx. Chi-Square	1154.975
	df	780
	Sig.	.000

Communalities

	Initial	Extraction
VAR00001	1.000	.699
VAR00002	1.000	.663
VAR00003	1.000	.679
VAR00004	1.000	.660
VAR00005	1.000	.595
VAR00006	1.000	.617
VAR00007	1.000	.699
VAR00008	1.000	.709
VAR00009	1.000	.756
VAR00010	1.000	.720
VAR00011	1.000	.721
VAR00012	1.000	.680
VAR00013	1.000	.668
VAR00014	1.000	.662
VAR00015	1.000	.666
VAR00016	1.000	.663
VAR00017	1.000	.722
VAR00018	1.000	.704
VAR00019	1.000	.744
VAR00020	1.000	.709
VAR00021	1.000	.742
VAR00022	1.000	.674
VAR00023	1.000	.738
VAR00024	1.000	.683
VAR00025	1.000	.801
VAR00026	1.000	.698
VAR00027	1.000	.719
VAR00028	1.000	.676
VAR00029	1.000	.725
VAR00030	1.000	.697
VAR00031	1.000	.687
VAR00032	1.000	.720
VAR00033	1.000	.634
VAR00034	1.000	.582
VAR00035	1.000	.635
VAR00036	1.000	.529
VAR00037	1.000	.668
VAR00038	1.000	.629
VAR00039	1.000	.744
VAR00040	1.000	.662

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4.479	11.196	11.196	4.479	11.196	11.196	2.650	6.626	6.626
2	2.814	7.034	18.231	2.814	7.034	18.231	2.476	6.191	12.817
3	2.423	6.056	24.287	2.423	6.056	24.287	1.864	4.659	17.476
4	1.868	4.671	28.958	1.868	4.671	28.958	1.789	4.472	21.947
5	1.804	4.510	33.468	1.804	4.510	33.468	1.741	4.352	26.300
6	1.692	4.231	37.699	1.692	4.231	37.699	1.680	4.200	30.499
7	1.557	3.892	41.591	1.557	3.892	41.591	1.662	4.155	34.654
8	1.456	3.640	45.231	1.456	3.640	45.231	1.651	4.128	38.782
9	1.352	3.381	48.612	1.352	3.381	48.612	1.602	4.005	42.786
10	1.292	3.230	51.842	1.292	3.230	51.842	1.575	3.937	46.723
11	1.218	3.046	54.888	1.218	3.046	54.888	1.558	3.894	50.618
12	1.186	2.966	57.854	1.186	2.966	57.854	1.557	3.891	54.509
13	1.128	2.819	60.673	1.128	2.819	60.673	1.492	3.729	58.238
14	1.064	2.660	63.333	1.064	2.660	63.333	1.435	3.587	61.825
15	1.039	2.597	65.930	1.039	2.597	65.930	1.408	3.519	65.344
16	1.006	2.516	68.446	1.006	2.516	68.446	1.241	3.102	68.446
17	.932	2.329	70.775						
18	.909	2.272	73.047						
19	.873	2.183	75.229						
20	.845	2.113	77.342						
21	.761	1.902	79.244						
22	.747	1.867	81.111						
23	.681	1.703	82.813						
24	.658	1.645	84.458						
25	.635	1.588	86.046						
26	.588	1.470	87.516						
27	.567	1.417	88.934						
28	.525	1.312	90.246						
29	.485	1.212	91.458						
30	.461	1.153	92.612						
31	.441	1.101	93.713						
32	.397	.992	94.705						
33	.370	.924	95.629						
34	.361	.903	96.533						
35	.283	.708	97.241						
36	.255	.636	97.877						
37	.242	.605	98.482						
38	.219	.548	99.031						
39	.215	.537	99.568						
40	.173	.432	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix(a)

	Component															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
VAR00003	.552															
VAR00024	.537															
VAR00004																
VAR00010																
VAR00006																
VAR00002																
VAR00038																
VAR00001																
VAR00005																
VAR00007																
VAR00036																
VAR00029		-.531														
VAR00027																
VAR00017																
VAR00028																
VAR00026																
VAR00021																
VAR00019																
VAR00039																
VAR00030			.601													
VAR00015																
VAR00037																
VAR00018																
VAR00014																
VAR00012																
VAR00011																
VAR00016																
VAR00031																
VAR00009					.594											
VAR00034																
VAR00035																
VAR00008																
VAR00023																
VAR00040																
VAR00013																
VAR00033																
VAR00022																
VAR00032																
VAR00025																
VAR00020																

Extraction Method: Principal Component Analysis.
a 16 components extracted.

Rotated Component Matrix

	Component															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
VAR00003	.770															
VAR00001	.672															
VAR00002	.642															
VAR00004	.610															
VAR00006																
VAR00027		.767														
VAR00030		.746														
VAR00028		.715														
VAR00029		.667														
VAR00015			.740													
VAR00014			.730													
VAR00005																
VAR00037				.739												
VAR00038				.631												
VAR00018					.780											
VAR00019																
VAR00022						.713										
VAR00017						.532										
VAR00035																
VAR00034																
VAR00010								.736								
VAR00024								.625								
VAR00021									.790							
VAR00023									.681							
VAR00013										.763						
VAR00007																
VAR00036																
VAR00016										.733						
VAR00012										.525						
VAR00040																
VAR00011											.694					
VAR00025											-.559					
VAR00026																
VAR00008												.782				
VAR00009												.544				
VAR00032													.761			
VAR00033													.609			
VAR00031														.787		
VAR00039															.762	
VAR00020																.776

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.
 a. Rotation converged in 42 iterations

Component Transformation Matrix

Comp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	.516	.280	.268	.319	.173	.243	.332	.206	.195	.161	.191	.171	.145	.178	.187	.153
2	-.330	-.602	-.148	.071	.336	.288	.091	.352	.083	.160	-.139	.040	.228	.041	.209	.151
3	-.408	.589	-.411	.381	.343	.026	-.112	-.014	-.158	.047	.031	-.018	.091	.028	.067	-.005
4	-.341	.060	.420	-.081	-.202	.052	-.259	-.090	.019	.440	.345	-.339	.150	.318	.152	.066
5	-.216	-.055	-.097	-.186	.149	-.364	.190	-.007	.300	-.150	.431	.397	.121	.401	-.288	-.043
6	-.266	.012	.309	-.050	.145	.125	.343	-.309	-.277	.368	-.134	.453	-.345	-.100	-.047	-.121
7	-.409	.116	.290	.279	-.359	-.050	.196	.049	.447	-.330	-.214	.089	.082	-.188	.246	-.143
8	-.003	.173	-.115	-.469	.314	.333	.068	-.337	.543	.023	.041	-.207	-.038	-.244	.085	-.026
9	.006	-.046	-.015	-.046	-.185	.438	-.049	-.422	-.287	-.319	.106	.267	.560	.018	.008	.087
10	.072	-.016	.160	.089	.219	-.467	.114	-.321	.066	.203	-.412	-.152	.481	-.082	-.189	.258
11	-.080	.333	.169	-.348	-.055	.237	-.201	.468	.041	.065	-.378	.185	.178	.071	-.441	.016
12	.067	-.030	.396	-.050	.513	-.059	-.282	-.042	-.113	-.379	-.172	-.036	-.011	.288	.238	-.399
13	.171	-.121	-.276	.255	-.190	.118	-.292	-.266	.341	.327	-.287	.207	-.015	.345	-.043	-.374
14	.106	.039	-.023	-.180	.013	-.286	-.308	.158	-.005	.268	.189	.393	.279	-.476	.366	-.229
15	-.021	-.008	.099	.065	.067	-.037	-.472	-.129	.178	-.121	-.059	.334	-.314	.017	.125	.681
16	.019	.180	-.246	-.414	-.198	-.162	.258	.015	-.136	.019	-.314	.047	.004	.397	.551	.150

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

Factor Analysis

Correlation Matrix^a

a. Determinant = 7.873E-04

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.544
Bartlett's Test of Sphericity	Approx. Chi-Square	770.668
	df	465
	Sig.	.000

Communalities

	Initial	Extraction
VAR00001	1.000	.652
VAR00002	1.000	.666
VAR00003	1.000	.683
VAR00004	1.000	.533
VAR00008	1.000	.620
VAR00009	1.000	.704
VAR00010	1.000	.676
VAR00011	1.000	.709
VAR00012	1.000	.658
VAR00013	1.000	.759
VAR00014	1.000	.578
VAR00015	1.000	.644
VAR00016	1.000	.561
VAR00017	1.000	.758
VAR00018	1.000	.685
VAR00020	1.000	.507
VAR00021	1.000	.622
VAR00022	1.000	.687
VAR00023	1.000	.702
VAR00024	1.000	.634
VAR00025	1.000	.697
VAR00027	1.000	.708
VAR00028	1.000	.627
VAR00029	1.000	.659
VAR00030	1.000	.631
VAR00031	1.000	.604
VAR00032	1.000	.698
VAR00033	1.000	.621
VAR00037	1.000	.644
VAR00038	1.000	.537
VAR00039	1.000	.661

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.675	11.854	11.854	3.675	11.854	11.854	2.431	7.842	7.842
2	2.497	8.054	19.908	2.497	8.054	19.908	2.232	7.199	15.041
3	2.088	6.737	26.644	2.088	6.737	26.644	1.839	5.933	20.973
4	1.778	5.735	32.379	1.778	5.735	32.379	1.711	5.519	26.492
5	1.640	5.290	37.669	1.640	5.290	37.669	1.705	5.499	31.992
6	1.397	4.507	42.176	1.397	4.507	42.176	1.620	5.226	37.217
7	1.339	4.319	46.495	1.339	4.319	46.495	1.543	4.978	42.195
8	1.259	4.062	50.556	1.259	4.062	50.556	1.528	4.930	47.126
9	1.189	3.834	54.391	1.189	3.834	54.391	1.462	4.716	51.842
10	1.131	3.649	58.040	1.131	3.649	58.040	1.388	4.478	56.321
11	1.095	3.533	61.573	1.095	3.533	61.573	1.339	4.319	60.639
12	1.039	3.350	64.923	1.039	3.350	64.923	1.328	4.284	64.923
13	.979	3.159	68.082						
14	.928	2.994	71.075						
15	.903	2.913	73.988						
16	.851	2.744	76.732						
17	.779	2.512	79.244						
18	.738	2.381	81.625						
19	.676	2.180	83.805						
20	.630	2.033	85.838						
21	.600	1.934	87.772						
22	.589	1.899	89.671						
23	.505	1.629	91.300						
24	.447	1.441	92.742						
25	.429	1.385	94.127						
26	.406	1.310	95.436						
27	.392	1.263	96.700						
28	.289	.931	97.631						
29	.258	.833	98.464						
30	.252	.813	99.277						
31	.224	.723	100.000						

Extraction Method: Principal Component Analysis

Component Matrix

	Component											
	1	2	3	4	5	6	7	8	9	10	11	12
VAR00024	.552											
VAR00003	.524											
VAR00038												
VAR00004												
VAR00039												
VAR00033												
VAR00020												
VAR00027		.690										
VAR00030		.674										
VAR00029		.664										
VAR00028		.587										
VAR00001												
VAR00002												
VAR00012				.552								
VAR00015												
VAR00014												
VAR00008												
VAR00009												
VAR00010												
VAR00016												
VAR00021												
VAR00013												
VAR00023												
VAR00037												
VAR00032												
VAR00011												
VAR00017												
VAR00018												
VAR00031												
VAR00025												
VAR00022												

Extraction Method: Principal Component Analysis.

a. 12 components extracted.

Rotated Component Matrix

	Component											
	1	2	3	4	5	6	7	8	9	10	11	12
VAR00027	.770											
VAR00028	.726											
VAR00030	.719											
VAR00029	.683											
VAR00003		.764										
VAR00001		.696										
VAR00002		.690										
VAR00004		.600										
VAR00025			.667									
VAR00037			.649									
VAR00039			.634									
VAR00038			.549									
VAR00015				.765								
VAR00014				.700								
VAR00031												
VAR00009					.789							
VAR00008					.685							
VAR00011						.747						
VAR00012						.659						
VAR00016												
VAR00023							.738					
VAR00021							.720					
VAR00024								.696				
VAR00010								.563				
VAR00032									.733			
VAR00033									.582			
VAR00020									.555			
VAR00017										.743		
VAR00018										.655		
VAR00013											.842	
VAR00022												.749

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.
 a. Rotation converged in 42 iterations

Component Transformation Matrix

Component	1	2	3	4	5	6	7	8	9	10	11	12
1	.299	.474	.392	.236	.302	.258	.237	.332	.276	.183	.120	.169
2	.879	.017	.027	-.142	-.097	-.003	-.255	-.097	-.166	-.107	-.169	-.236
3	.104	-.650	.447	-.311	-.075	.212	.181	-.114	.161	.331	-.003	.196
4	.029	-.313	-.164	.642	-.051	.599	-.283	-.064	.061	-.109	.000	.033
5	.006	.300	.167	.078	-.780	-.073	-.106	-.271	.302	-.013	.173	.237
6	.052	.210	-.518	-.350	.196	.281	-.045	-.315	.363	.182	-.281	.317
7	.026	-.014	.148	.248	.077	-.087	.572	-.457	.152	-.402	-.407	-.128
8	.250	-.128	-.389	-.052	.004	.040	.446	-.093	.019	-.154	.731	-.001
9	.162	-.232	-.096	.357	.250	-.632	-.219	-.097	.435	.256	.074	.066
10	.039	.025	-.290	.190	-.336	.027	.361	.144	-.045	.628	-.218	-.411
11	-.033	.197	.160	.165	.210	.017	-.056	-.621	-.524	.393	.192	.093
12	-.179	.099	.175	-.180	.137	.190	-.214	-.240	.394	.027	.242	-.722

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

Factor Analysis

Correlation Matrix^a

a. Determinant = 1.388E-03

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.553
Bartlett's Test of Sphericity	Approx. Chi-Square	713.951
	df	406
	Sig.	.000

Communalities

	Initial	Extraction
VAR00001	1.000	.671
VAR00002	1.000	.662
VAR00003	1.000	.680
VAR00004	1.000	.515
VAR00008	1.000	.666
VAR00009	1.000	.677
VAR00010	1.000	.684
VAR00011	1.000	.691
VAR00012	1.000	.724
VAR00013	1.000	.780
VAR00014	1.000	.621
VAR00015	1.000	.755
VAR00017	1.000	.767
VAR00018	1.000	.688
VAR00020	1.000	.470
VAR00021	1.000	.680
VAR00022	1.000	.817
VAR00023	1.000	.759
VAR00024	1.000	.670
VAR00025	1.000	.673
VAR00027	1.000	.707
VAR00028	1.000	.646
VAR00029	1.000	.671
VAR00030	1.000	.652
VAR00032	1.000	.749
VAR00033	1.000	.639
VAR00037	1.000	.659
VAR00038	1.000	.518
VAR00039	1.000	.674

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.587	12.371	12.371	3.587	12.371	12.371	2.422	8.351	8.351
2	2.497	8.609	20.980	2.497	8.609	20.980	2.231	7.693	16.044
3	2.087	7.196	28.176	2.087	7.196	28.176	1.825	6.292	22.335
4	1.640	5.656	33.832	1.640	5.656	33.832	1.582	5.456	27.791
5	1.560	5.378	39.210	1.560	5.378	39.210	1.547	5.334	33.125
6	1.379	4.756	43.966	1.379	4.756	43.966	1.537	5.299	38.424
7	1.258	4.337	48.303	1.258	4.337	48.303	1.477	5.094	43.518
8	1.212	4.180	52.483	1.212	4.180	52.483	1.462	5.041	48.559
9	1.168	4.027	56.510	1.168	4.027	56.510	1.459	5.032	53.591
10	1.120	3.864	60.374	1.120	3.864	60.374	1.372	4.733	58.323
11	1.041	3.591	63.964	1.041	3.591	63.964	1.331	4.591	62.915
12	1.017	3.505	67.469	1.017	3.505	67.469	1.321	4.555	67.469
13	.933	3.216	70.686						
14	.927	3.198	73.884						
15	.830	2.861	76.745						
16	.822	2.833	79.578						
17	.690	2.378	81.956						
18	.661	2.278	84.235						
19	.644	2.220	86.455						
20	.594	2.049	88.504						
21	.516	1.778	90.282						
22	.452	1.558	91.840						
23	.447	1.543	93.383						
24	.414	1.426	94.809						
25	.396	1.367	96.175						
26	.342	1.180	97.355						
27	.277	.955	98.310						
28	.258	.890	99.200						
29	.232	.800	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix

	Component											
	1	2	3	4	5	6	7	8	9	10	11	12
VAR00024	.558											
VAR00003	.524											
VAR00038												
VAR00010												
VAR00004												
VAR00039												
VAR00020												
VAR00027		.691										
VAR00030		.674										
VAR00029		.664										
VAR00028		.586										
VAR00001												
VAR00002												
VAR00008				-.601								
VAR00009												
VAR00018												
VAR00012					.553							
VAR00014					.525							
VAR00015					.517							
VAR00025												
VAR00011												
VAR00013							.757					
VAR00037												
VAR00023								-.546				
VAR00017												
VAR00032												
VAR00033												
VAR00021												
VAR00022												

Extraction Method: Principal Component Analysis.

a. 12 components extracted.

Rotated Component Matrix

	Component											
	1	2	3	4	5	6	7	8	9	10	11	12
VAR00027	.765											
VAR00030	.743											
VAR00029	.706											
VAR00028	.695											
VAR00003		.760										
VAR00001		.714										
VAR00002		.676										
VAR00004		.595										
VAR00025			.669									
VAR00037			.652									
VAR00039			.631									
VAR00038			.555									
VAR00008				.761								
VAR00009				.748								
VAR00015					.842							
VAR00014					.748							
VAR00024						.728						
VAR00010						.678						
VAR00023							.778					
VAR00021							.750					
VAR00012								.719				
VAR00011								.706				
VAR00032									.790			
VAR00033									.613			
VAR00020												
VAR00017										.739		
VAR00018										.675		
VAR00022											.861	
VAR00013												.861

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.
 a. Rotation converged in 11 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7	8	9	10	11	12
1	.295	.489	.401	.263	.177	.373	.276	.200	.272	.174	.182	.140
2	.880	.015	.029	-.089	-.150	-.066	-.260	-.011	-.171	-.101	-.241	-.155
3	.111	-.663	.435	-.070	-.279	-.129	.165	.233	.170	.323	.213	-.008
4	.043	.195	.112	-.713	.338	-.379	-.101	.117	.320	-.091	.175	.127
5	.067	-.399	-.145	.171	.628	.158	-.064	.528	-.014	-.233	-.169	.040
6	.096	.131	-.609	.179	-.278	-.160	-.099	.410	.383	.136	.308	-.175
7	.204	-.113	-.333	-.027	-.071	-.015	.183	-.104	-.067	.109	.000	.877
8	-.019	-.091	-.030	.019	.246	.237	-.654	-.254	.154	.596	.021	.050
9	.156	-.233	-.028	.293	.160	-.124	.095	-.554	.596	-.341	.054	-.055
10	.080	-.041	-.300	-.294	.156	.132	.539	-.113	.140	.421	-.428	-.300
11	-.095	.174	.184	.377	.061	-.650	-.046	.126	.085	.243	-.509	.121
12	.169	-.002	-.093	.182	.403	-.365	.204	-.185	-.458	.233	.514	-.172

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.

Factor Analysis

Correlation Matrix^a

a. Determinant = 1.835E-03

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.557
Bartlett's Test of Sphericity	Approx. Chi-Square	685.740
	df	378
	Sig.	.000

Communalities

	Initial	Extraction
VAR00001	1.000	.546
VAR00002	1.000	.635
VAR00003	1.000	.696
VAR00004	1.000	.541
VAR00008	1.000	.665
VAR00009	1.000	.656
VAR00010	1.000	.679
VAR00011	1.000	.687
VAR00012	1.000	.682
VAR00013	1.000	.792
VAR00014	1.000	.594
VAR00015	1.000	.670
VAR00017	1.000	.752
VAR00018	1.000	.687
VAR00021	1.000	.615
VAR00022	1.000	.626
VAR00023	1.000	.757
VAR00024	1.000	.654
VAR00025	1.000	.660
VAR00027	1.000	.706
VAR00028	1.000	.645
VAR00029	1.000	.657
VAR00030	1.000	.644
VAR00032	1.000	.710
VAR00033	1.000	.586
VAR00037	1.000	.637
VAR00038	1.000	.506
VAR00039	1.000	.668

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.474	12.406	12.406	3.474	12.406	12.406	2.443	8.725	8.725
2	2.487	8.881	21.286	2.487	8.881	21.286	2.161	7.719	16.444
3	2.080	7.427	28.713	2.080	7.427	28.713	1.824	6.516	22.960
4	1.624	5.801	34.515	1.624	5.801	34.515	1.609	5.747	28.707
5	1.557	5.561	40.076	1.557	5.561	40.076	1.567	5.596	34.303
6	1.346	4.807	44.883	1.346	4.807	44.883	1.521	5.433	39.737
7	1.250	4.465	49.348	1.250	4.465	49.348	1.516	5.414	45.151
8	1.212	4.329	53.677	1.212	4.329	53.677	1.507	5.383	50.534
9	1.167	4.169	57.846	1.167	4.169	57.846	1.453	5.191	55.725
10	1.118	3.994	61.840	1.118	3.994	61.840	1.438	5.137	60.862
11	1.039	3.711	65.551	1.039	3.711	65.551	1.313	4.689	65.551
12	.998	3.563	69.114						
13	.927	3.312	72.426						
14	.835	2.983	75.409						
15	.825	2.945	78.354						
16	.719	2.566	80.920						
17	.670	2.392	83.312						
18	.644	2.300	85.612						
19	.621	2.219	87.831						
20	.539	1.924	89.755						
21	.461	1.646	91.401						
22	.452	1.613	93.014						
23	.414	1.479	94.493						
24	.399	1.425	95.918						
25	.354	1.264	97.182						
26	.278	.993	98.175						
27	.261	.934	99.109						
28	.250	.891	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix

	Component										
	1	2	3	4	5	6	7	8	9	10	11
VAR00024	.560										
VAR00003	.511										
VAR00038											
VAR00010											
VAR00037											
VAR00039											
VAR00027		.681									
VAR00030		.663									
VAR00029		.653									
VAR00028		.574									
VAR00022											
VAR00001											
VAR00004											
VAR00002											
VAR00008				-.582							
VAR00009											
VAR00018											
VAR00012					.552						
VAR00014											
VAR00015											
VAR00025											
VAR00011											
VAR00013							.769				
VAR00023								-.549			
VAR00017											
VAR00032											
VAR00033											
VAR00021											

Extraction Method: Principal Component Analysis.

a. 11 components extracted.

Rotated Component Matrix

	Component											
	1	2	3	4	5	6	7	8	9	10	11	
VAR00027	.750											
VAR00030	.748											
VAR00029	.700											
VAR00028	.691											
VAR00003		.801										
VAR00001		.697										
VAR00002		.678										
VAR00004		.612										
VAR00025			.698									
VAR00037			.629									
VAR00039			.626									
VAR00038			.540									
VAR00015				.781								
VAR00014				.735								
VAR00008					.789							
VAR00009					.692							
VAR00033						.714						
VAR00022						.609						
VAR00032												
VAR00024							.715					
VAR00010							.662					
VAR00023								.795				
VAR00021								.722				
VAR00017									.805			
VAR00018									.599			
VAR00011										.757		
VAR00012										.633		
VAR00013												.868

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.
 a. Rotation converged in 15 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7	8	9	10	11
1	.327	.471	.413	.188	.259	.281	.359	.299	.205	.201	.135
2	.874	.007	-.008	-.151	-.082	-.264	-.057	-.282	-.167	-.006	-.163
3	.123	-.651	.430	-.276	-.098	.221	-.171	.146	.365	.242	-.015
4	.043	.198	.152	.455	-.722	.169	-.377	-.066	-.008	.106	.148
5	.081	-.433	-.217	.640	.231	-.033	.162	-.061	-.194	.477	.004
6	.110	.200	-.625	-.241	.062	.464	-.228	-.073	.276	.382	-.020
7	.188	-.154	-.241	-.045	-.018	-.149	.019	.192	.083	-.177	.885
8	-.007	-.061	.008	.249	.059	.053	.206	-.639	.616	-.311	.030
9	.196	-.183	-.044	.215	.233	.584	-.235	.133	-.248	-.584	-.089
10	.139	-.054	-.317	.224	-.200	-.272	.075	.577	.438	-.209	-.373
11	-.021	.158	.153	.176	.491	-.343	-.717	.019	.208	.049	.036

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.

Factor Analysis

Correlation Matrix^a

a. Determinant = 2.777E-03

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.577
Bartlett's Test of Sphericity	Approx. Chi-Square	642.592
	df	351
	Sig.	.000

Communalities

	Initial	Extraction
VAR00001	1.000	.611
VAR00002	1.000	.640
VAR00003	1.000	.696
VAR00004	1.000	.531
VAR00008	1.000	.665
VAR00009	1.000	.667
VAR00010	1.000	.677
VAR00011	1.000	.664
VAR00012	1.000	.725
VAR00013	1.000	.790
VAR00014	1.000	.672
VAR00015	1.000	.715
VAR00017	1.000	.762
VAR00018	1.000	.684
VAR00021	1.000	.732
VAR00022	1.000	.746
VAR00023	1.000	.765
VAR00024	1.000	.667
VAR00025	1.000	.661
VAR00027	1.000	.701
VAR00028	1.000	.647
VAR00029	1.000	.661
VAR00030	1.000	.663
VAR00033	1.000	.536
VAR00037	1.000	.672
VAR00038	1.000	.501
VAR00039	1.000	.637

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.433	12.713	12.713	3.433	12.713	12.713	2.411	8.928	8.928
2	2.476	9.172	21.885	2.476	9.172	21.885	2.153	7.973	16.901
3	2.058	7.623	29.508	2.058	7.623	29.508	1.833	6.789	23.689
4	1.573	5.828	35.336	1.573	5.828	35.336	1.553	5.751	29.441
5	1.542	5.711	41.046	1.542	5.711	41.046	1.539	5.699	35.140
6	1.326	4.910	45.956	1.326	4.910	45.956	1.525	5.648	40.788
7	1.250	4.630	50.587	1.250	4.630	50.587	1.463	5.420	46.208
8	1.208	4.474	55.061	1.208	4.474	55.061	1.452	5.376	51.585
9	1.133	4.198	59.259	1.133	4.198	59.259	1.431	5.301	56.886
10	1.060	3.925	63.184	1.060	3.925	63.184	1.415	5.239	62.125
11	1.027	3.804	66.987	1.027	3.804	66.987	1.313	4.862	66.987
12	.941	3.484	70.472						
13	.855	3.167	73.639						
14	.829	3.070	76.709						
15	.719	2.661	79.370						
16	.717	2.657	82.027						
17	.644	2.386	84.413						
18	.639	2.365	86.778						
19	.568	2.103	88.882						
20	.472	1.748	90.629						
21	.458	1.698	92.327						
22	.428	1.586	93.913						
23	.400	1.482	95.395						
24	.371	1.376	96.770						
25	.342	1.267	98.038						
26	.276	1.023	99.061						
27	.253	.939	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix

	Component										
	1	2	3	4	5	6	7	8	9	10	11
VAR00024	.569										
VAR00003	.511										
VAR00010											
VAR00038											
VAR00037											
VAR00039											
VAR00027		.673									
VAR00030		.667									
VAR00029		.660									
VAR00028		.566									
VAR00001											
VAR00004											
VAR00002											
VAR00015				.589							
VAR00014				.529							
VAR00012											
VAR00018											
VAR00009					.524						
VAR00008											
VAR00011						.503					
VAR00025											
VAR00022											
VAR00013							.767				
VAR00023								-.548			
VAR00017											
VAR00021											
VAR00033											

Extraction Method: Principal Component Analysis.

a. 11 components extracted.

Rotated Component Matrix

	Component											
	1	2	3	4	5	6	7	8	9	10	11	
VAR00027	.770											
VAR00030	.761											
VAR00028	.697											
VAR00029	.696											
VAR00003		.792										
VAR00001		.712										
VAR00002		.668										
VAR00004		.619										
VAR00025			.694									
VAR00037			.636									
VAR00039			.605									
VAR00038			.576									
VAR00008				.785								
VAR00009				.709								
VAR00015					.811							
VAR00014					.799							
VAR00024						.736						
VAR00010						.671						
VAR00023							.772					
VAR00021							.766					
VAR00012								.763				
VAR00011								.695				
VAR00022									.736			
VAR00033									.645			
VAR00017										.821		
VAR00018										.597		
VAR00013												.866

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.
 a. Rotation converged in 12 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7	8	9	10	11
1	.339	.480	.418	.276	.170	.391	.268	.203	.246	.177	.130
2	.864	-.019	.005	-.110	-.170	-.088	-.283	-.005	-.260	-.171	-.166
3	.090	-.658	.439	-.036	-.305	-.113	.166	.262	.200	.351	-.012
4	.045	-.128	.085	-.452	.679	-.137	-.075	.467	.054	-.197	.159
5	.066	-.413	-.377	.624	.207	.326	-.033	.318	-.059	-.161	-.112
6	.106	.259	-.555	-.060	-.270	-.281	-.010	.450	.446	.236	.031
7	.184	-.157	-.227	-.011	-.052	.045	.181	-.165	-.168	.073	.890
8	-.048	-.007	-.013	-.016	.176	.226	-.696	-.059	-.057	.647	.072
9	.048	-.093	.174	.265	.041	-.204	-.408	-.290	.648	-.359	.215
10	.239	-.220	-.306	-.304	.268	.283	.301	-.465	.392	.174	-.256
11	.131	.033	-.001	.388	.406	-.669	.198	-.194	-.145	.336	-.090

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.

ANACOR

—

A N A C O R - VERSION 0.4
BY
DEPARTMENT OF DATA THEORY
UNIVERSITY OF LEIDEN, THE NETHERLANDS

The table to be analyzed:

	1	2	3	Margin
	tserba_x	giant	Hero	
1	187	301	232	720
2	240	263	216	719
3	224	219	277	720
4	298	279	143	720
5	244	256	220	720
6	273	236	211	720
7	229	230	261	720
8	297	254	169	720
9	245	220	249	714
10	222	260	237	719
11	275	256	189	720
Margin	2734	2774	2404	7912

The Rowprofiles:

	1	2	3	Margin
	tserba_x	giant	Hero	
1	.260	.418	.322	1.000
2	.334	.366	.300	1.000
3	.311	.304	.385	1.000
4	.414	.388	.199	1.000
5	.339	.356	.306	1.000
6	.379	.328	.293	1.000
7	.318	.319	.363	1.000
8	.413	.353	.235	1.000
9	.343	.308	.349	1.000
10	.309	.362	.330	1.000
11	.382	.356	.263	1.000
Margin	.346	.351	.304	

The Columnprofiles:

	1 tserba_x	2 giant	3 Hero	Margin
1	.068	.109	.097	.091
2	.088	.095	.090	.091
3	.082	.079	.115	.091
4	.109	.101	.059	.091
5	.089	.092	.092	.091
6	.100	.085	.088	.091
7	.084	.083	.109	.091
8	.109	.092	.070	.091
9	.090	.079	.104	.090
10	.081	.094	.099	.091
11	.101	.092	.079	.091
Margin	1.000	1.000	1.000	

Dimension	Singular Value	Inertia	Proportion Explained	Cumulative Proportion
1	.11808	.01394	.768	.768
2	.06487	.00421	.232	1.000
Total		.01815	1.000	1.000

Row Scores:

Row	Marginal Profile	Dim 1	Dim 2
1	.091	-.260	.650
2	.091	-.005	.130
3	.091	-.481	-.243
4	.091	.671	.103
5	.091	-.022	.049
6	.091	.120	-.230
7	.091	-.354	-.153
8	.091	.483	-.132
9	.090	-.235	-.286
10	.091	-.203	.156
11	.091	.282	-.046

Contribution of row points to the inertia of each dimension:

Row	Marginal Profile	Dim 1	2
1	.091	.052	.593
2	.091	.000	.024
3	.091	.178	.083
4	.091	.347	.015
5	.091	.000	.003
6	.091	.011	.074
7	.091	.096	.033
8	.091	.180	.024
9	.090	.042	.114
10	.091	.032	.034
11	.091	.061	.003
		-----	-----
		1.000	1.000

Contribution of dimensions to the inertia of each row point:

Row	Marginal Profile	Dim 1	2	Total
1	.091	.225	.775	1.000
2	.091	.003	.997	1.000
3	.091	.877	.123	1.000
4	.091	.987	.013	1.000
5	.091	.266	.734	1.000
6	.091	.332	.668	1.000
7	.091	.906	.094	1.000
8	.091	.961	.039	1.000
9	.090	.551	.449	1.000
10	.091	.755	.245	1.000
11	.091	.986	.014	1.000

Column Scores:

Column	Marginal Profile	Dim 1	2
1 tserba_x	.346	.333	-.249
2 giant	.351	.105	.338
3 Hero	.304	-.500	-.107

Contribution of column points to the inertia of each dimension:

Column	Marginal Profile	Dim 1	2
1 tserba_x	.346	.325	.330
2 giant	.351	.033	.617
3 Hero	.304	.643	.053
		-----	-----
		1.000	1.000

Contribution of dimensions to the inertia of each column point:

Column	Marginal Profile	Dim 1	Dim 2	Total
1 tserba_x	.346	.765	.235	1.000
2 giant	.351	.149	.851	1.000
3 Hero	.304	.976	.024	1.000

Variances and Correlation Matrix of the singular values:

Dim Variances	Correlations between dimensions	
1 1.175E-04	1.000	
2 1.254E-04	-.014	1.000

Variances and Correlation Matrix of scores of Row 1

Dim Variances	Correlations between dimensions	
1 .019	1.000	
2 .004	.511	1.000

Variances and Correlation Matrix of scores of Row 2

Dim Variances	Correlations between dimensions	
1 7.483E-04	1.000	
2 1.376E-04	.125	1.000

Variances and Correlation Matrix of scores of Row 3

Dim Variances	Correlations between dimensions	
1 .003	1.000	
2 .003	-.854	1.000

Variances and Correlation Matrix of scores of Row 4

Dim Variances	Correlations between dimensions	
1 .001	1.000	
2 .006	-.563	1.000

Variances and Correlation Matrix of scores of Row 5

Dim Variances	Correlations between dimensions	
1 1.185E-04	1.000	
2 3.445E-05	.460	1.000

Variances and Correlation Matrix of scores of Row 6

Dim	Variances	Correlations between dimensions	
1	.002	1.000	
2	6.192E-04	.592	1.000

Variances and Correlation Matrix of scores of Row 7

Dim	Variances	Correlations between dimensions	
1	.001	1.000	
2	.002	-.844	1.000

Variances and Correlation Matrix of scores of Row 8

Dim	Variances	Correlations between dimensions	
1	.001	1.000	
2	.003	.755	1.000

-

Variances and Correlation Matrix of scores of Row 9

Dim	Variances	Correlations between dimensions	
1	.004	1.000	
2	.001	-.705	1.000

Variances and Correlation Matrix of scores of Row 10

Dim	Variances	Correlations between dimensions	
1	.001	1.000	
2	7.727E-04	.833	1.000

Variances and Correlation Matrix of scores of Row 11

Dim	Variances	Correlations between dimensions	
1	2.767E-04	1.000	
2	.001	.567	1.000

Variances and Correlation Matrix of scores of Column 1 tserba_x

Dim	Variances	Correlations between dimensions	
1	.003	1.000	
2	.002	.841	1.000

Variances and Correlation Matrix of scores of Column 2 giant

Dim	Variances	Correlations between dimensions	
1	.005	1.000	
2	9.932E-04	-.366	1.000

Variances and Correlation Matrix of scores of Column 3 Hero

Dim	Variances	Correlations between dimensions	
1	.001	1.000	
2	.003	-.673	1.000

—

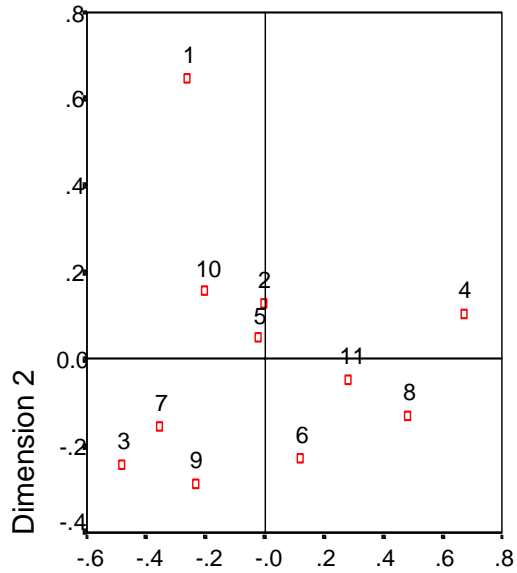
The data-matrix permuted according to the scores in dimension: 1

	3 Hero	2 giant	1 tserba_x	Margin
3	277	219	224	720
7	261	230	229	720
1	232	301	187	720
9	249	220	245	714
10	237	260	222	719
5	220	256	244	720
2	216	263	240	719
6	211	236	273	720
11	189	256	275	720
8	169	254	297	720
4	143	279	298	720
Margin	2404	2774	2734	7912

The data-matrix permuted according to the scores in dimension: 2

	1 tserba_x	3 Hero	2 giant	Margin
9	245	249	220	714
3	224	277	219	720
6	273	211	236	720
7	229	261	230	720
8	297	169	254	720
11	275	189	256	720
5	244	220	256	720
4	298	143	279	720
2	240	216	263	719
10	222	237	260	719
1	187	232	301	720
Margin	2734	2404	2774	7912

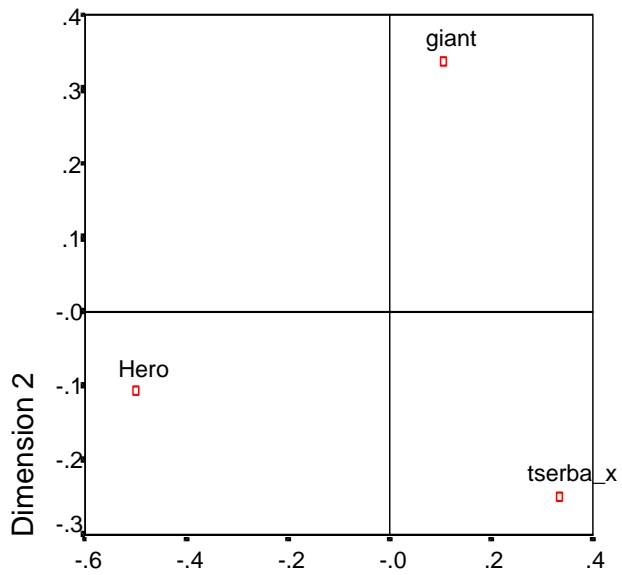
Row Scores



Dimension 1

Canonical Normalization

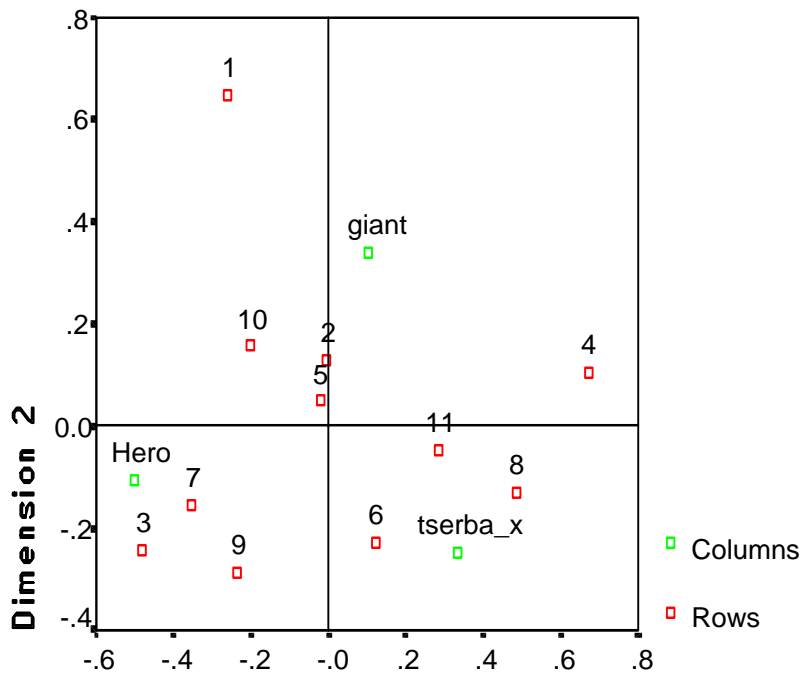
Column Scores



Dimension 1

Canonical Normalization

Row and Column Scores



Dimension 1

Canonical Normalization

Data Supermarket-Supermarket Yang Sering Dikunjungi Responden

Nama Supermarket	Jumlah responden
Hero Supermarket	41
Giant Hypermarket	53
711	9
Premier	7
Alfa Supermarket	5
Matahari Supermarket	2
Setiabudi Supermarket	3

Data Karakteristik Demografi Kuesioner Kedua

Variabel Demografi	Keterangan	Jumlah responden
Jenis kelamin	Pria	39
	Wanita	81
Usia	11-25 tahun	47
	26-40 tahun	50
	41- 55 tahun	21
	56-70 tahun	2
Pekerjaan	Ibu rumah tangga	41
	Pelajar/Mahasiswa	33
	Pegawai swasta	29
	Pegawai negeri	5
	TNI/polri	4
	Pensiunan	2
	Wiraswasta	6
Pendidikan	SMP	5
	SMA	51
	Diploma	21
	Sarjana	39
	Pasca Sarjana	4
Penghasilan perbulan	< Rp1.000.000	37
	Rp 1.000.000 - Rp. 2.500.000	49
	Rp 2.500.001 - Rp 4.000.000	19
	Rp 4.000.001 - Rp 5.500.000	8
	Rp 5.500.001 - Rp 7.000.000	5
	> Rp 7.000.000	2
Frekuensi belanja perbulan	1 - 4 kali	38
	5 - 8 kali	44
	9 - 12 kali	32
	> 12 kali	6

KUESIONER PENDAHULUAN

Dengan hormat,

Saya menyadari waktu dari Bapak/Ibu, Saudara/Saudari sekalian sangat terbatas. Namun saya mohon kesediaan Anda untuk dapat membantu dengan mengisi kuesioner ini sebagai bahan masukan dan data untuk tugas penelitian penulis. Penelitian ini ditujukan untuk penyusunan Tugas Akhir dalam memenuhi persyaratan Ujian Sidang Sarjana Penulis pada Fakultas Teknik – Jurusan Teknik Industri Universitas Kristen Maranatha, Bandung. Oleh karena itu, penulis mohon agar Anda bersedia untuk menjawab setiap pertanyaan dalam kuesioner penelitian ini dengan baik dan benar. Atas kesediaan Anda untuk mengisi kuesioner ini, sebelum dan sesudahnya penulis mengucapkan terima kasih.

Penulis,
Mirna Setiawan

Petunjuk pengisian :

Dibawah ini terdapat faktor-faktor yang mendorong Anda untuk berbelanja di suatu toserba/supermarket/hypemarket. Anda diminta untuk menilai seberapa penting faktor-faktor tersebut.

Mohon dijawab dengan cara memberi tanda (X) pada kolom jawaban yang telah tersedia.

Keterangan : STP = Sangat tidak penting.

TP = Tidak penting.

P = Penting.

SP = Sangat Penting.

No	Atribut	STP	TP	P	SP
1	Kelengkapan produk-produk yang dijual.				
2	Produk yang dijual tersedia dalam berbagai pilihan merk yang terkenal.				
3	Produk-produk yang dijual memiliki kualitas baik.				
4	Produk-produk ditata dengan rapi, teratur sesuai jenisnya didalam rak pajangan.				
5	Produk-produk yang akan dibeli selalu tersedia.				
6	Jam buka Toserba/ supermarket/ hypermarket yang relatif panjang.				
7	Pemberian pelayananan pembawaan barang belanjaan sampai ke mobil anda				
8	Harga jual produk lebih murah dibanding Toserba / supermarket / hypermarket lainnya.				
9	Harga jual produk sudah sesuai dengan jenis dan kualitas produk yang dijual				
10	Label Harga tertera dengan jelas pada produk & dapat dicek dengan scanner harga.				
11	Adanya obral / diskon untuk produk-produk yang dijual pada saat tertentu.				
12	Pemberian member card yang dapat digunakan untuk kartu diskon.				
13	Pemberian kupon undian hadiah, voucher belanja atas pengumpulan poin belanja				
14	Toserba/ supermarket/ hypermarket sering mengadakan perlombaan, demo masak, quiz.				
15	Adanya promosi produk-produk melalui surat kabar & majalah.				
16	Adanya promosi produk-produk melalui televisi.				
17	Adanya promosi produk-produk melalui radio.				
18	Adanya promosi produk-produk melalui brosur / selebaran.				

No	Atribut	STP	TP	P	SP
19	Adanya promosi produk-produk melalui spanduk.				
20	Adanya Sales Promotion Girl (SPG) yang menawarkan produk-produk baru.				
21	Kelancaran arus lalu lintas disekitar lokasi				
22	Kemudahan transportasi menuju lokasi (baik dengan angkutan umum & mobil pribadi)				
23	Lokasi toserba / <i>supermarket</i> / <i>hypermarket</i> dekat dengan tempat tinggal Anda.				
24	Lokasi toserba / <i>supermarket</i> / <i>hypermarket</i> dekat dengan tempat hiburan (game center, bioskop, dan lain-lain).				
25	Lokasi toserba / <i>supermarket</i> / <i>hypermarket</i> dekat dengan pusat perbelanjaan lainnya.				
26	Keramahan dan kecekatan petugas toserba/supermarket /hypermarket dalam melayani konsumen				
27	Kesediaan petugas toserba/ <i>supermarket</i> / <i>hypermarket</i> memberikan informasi bila konsumen bertanya				
28	Keramahan petugas kasir dalam melayani konsumen				
29	Kecepatan pelayanan yang diberikan oleh petugas kasir				
30	Tersedia fasilitas parkir yang luas dan aman.				
31	Tersedia fasilitas toilet yang bersih.				
32	Tersedianya fasilitas ATM.				
33	Tersedianya fasilitas AC yang sejuk.				
34	Tersedianya fasilitas penerangan yang berfungsi dengan baik.				
35	Tersedianya kantin/food court				
36	Tersedianya papan informasi yang memuat lokasi produk-produk yang dijual				
37	Tersedianya keranjang dan troli yang cukup untuk berbelanja.				
38	Tersedianya pelayanan komplain bagi pelanggan.				
39	Tersedianya kotak saran untuk menampung kritik, saran dan masukan dari konsumen.				
40	Tersedianya tempat penitipan barang luas dan aman.				
41	Kebersihan di dalam dan di luar ruangan toserba/ <i>supermarket</i> / <i>hypermarket</i> .				
42	Suasana yang nyaman dan tenang untuk berbelanja.				
43	Penataan dekorasi interior yang indah, pemilihan warna & hiasan-hiasan yang menarik)				
44	Keleluasaan dalam berbelanja (gang lebar, rak pajangan rapi, penataan ruangan rapi)				
45	Pembayaran dapat dilakukan dengan debit dan kartu kredit.				
46	Kemudahan penukaran barang apabila barang yang anda beli ternyata rusak.				

Menurut Anda, selain faktor-faktor diatas apakah masih terdapat faktor-faktor yang mendorong Anda untuk berbelanja disuatu Toserba/ *supermarket*/ *hypermarket* ?

.....

Jika masih ada, tuliskan jawaban Anda pada kolom dibawah ini.

.....

.....

.....

.....

- Terimakasih atas kesediaan Anda untuk mengisi kuesioner ini -

- Terima kasih atas kesediaan anda untuk mengisi
kuesioner ini -

Kuesioner Kedua

Dengan hormat,

Saya menyadari waktu dari Bapak/Ibu, Saudara/Saudari sekalian sangat terbatas. Namun saya mohon kesediaan Anda untuk dapat membantu dengan mengisi kuesioner ini sebagai bahan masukan dan data untuk tugas penelitian penulis. Penelitian ini ditujukan untuk penyusunan Tugas Akhir dalam memenuhi persyaratan Ujian Sidang Sarjana Penulis pada Fakultas Teknik – Jurusan Teknik Industri Universitas Kristen Maranatha, Bandung. Oleh karena itu, penulis mohon agar Anda bersedia untuk menjawab setiap pertanyaan dalam kuesioner penelitian ini dengan baik dan benar. Atas kesediaan Anda untuk mengisi kuesioner ini, sebelum dan sesudahnya penulis mengucapkan terima kasih.

Penulis,
Mirna Setiawan

Petunjuk pengisian : Anda diminta untuk memberikan urutan peringkat / merangking toserba, supermarket, hypermarket dibawah ini berdasarkan faktor-faktor yang disediakan dan dianggap sudah sesuai dengan penilaian pengalaman pribadi Anda.

Catatan :

- ✓ Urutkan angka 1 sampai dengan 3 untuk toserba, supermarket, hypermarket terhadap faktornya masing-masing.
- ✓ Diharapkan tidak ada angka yang sama dalam tiap pertanyaan.
- ✓ Angka 3 menunjukkan toserba / supermarket / hypermarket terbaik.
Angka 2 menunjukkan toserba / supermarket / hypermarket kedua terbaik.
Angka 1 menunjukkan toserba / supermarket / hypermarket terjelek.
- ✓ Jika Anda tidak tahu mengenai performance yang bersangkutan, mohon diisi dengan angka 0.

Faktor-faktor yang Anda beri peringkat	Toserba X	Giant Hypermarke t	Hero Supermarket
Kelengkapan fasilitas fisik bagi konsumen.			
Kelengkapan dan mutu produk yang dijual.			
Suasana berbelanja yang menyenangkan			
Harga yang murah untuk kualitas yang diperoleh.			
Kemenarikan promosi yang ditawarkan.			
Kecepatan memperoleh informasi harga.			
Pelayanan petugas yang menyenangkan.			
Frekuensi obral / frekuensi diskon.			
Kemudahan konsumen untuk bertanya pada pihak supermarket apabila terdapat komplain.			
Kemudahan akses menuju lokasi toserba / supermarket / hypermarket.			
Frekuensi undian berhadiah.			

~ Terimakasih atas kesediaan anda untuk mengisi

kuesioner ini ~

KOMENTAR DOSEN PENGUJI

Nama Mahasiswa : Mirna Setiawan
NRP : 0023025
Judul Tugas Akhir : Analisis Persaingan Dengan Metode Peta Posisi
Correspondence Analysis
(Studi kasus di Toserba 'X' cabang Setrasari,
Bandung).

Komentar - Komentar Dosen Penguji :

1. Judul harap dikonsultasikan dengan pembimbing : Analisis Peta Posisi Dengan Metode *Correspondence Analysis* (Studi kasus di Toserba 'X' cabang Setrasari, Bandung).
Apakah tidak sebaiknya Analisis Persaingan Dengan Metode Peta Posisi *Correspondence Analysis* (Studi kasus di Toserba 'X' cabang Setrasari, Bandung).
2. Hati-hati cara membaca diagram *Correspondence Analysis*.
3. Cara penamaan faktor yang dihasilkan dikaitkan dengan tujuan analisis faktor, nama faktor tidak diringkas.
4. Saran untuk penelitian lebih lanjut seharusnya lebih spesifik (saran ke-2). Berikan "*clue*" untuk penelitian lanjutan.
5. Interpretasi data-data statistik seharusnya lebih baik lagi.
6. Penguasaan teknik pengolahan cukup baik.
7. Alur penelitian sangat teratur.
8. Kemampuan analisis multivariabel sudah cukup baik, tetapi masih banyak yang harus ditingkatkan.
9. Laporan sudah baik dan sistematis.

DATA PENULIS

Nama : Mirna Setiawan
Alamat di Bandung : Jalan Babakan Jeruk I no 136/90, Bandung
Alamat asal : Jalan Belimbing no. 25, Pekalongan
No. Telp Bandung : 022 2015088
No. Telp Asal : 0285 423457
No. Handphone : 08122101766
Alamat email : mirna_swing@yahoo.com
Pendidikan : SMUN 1 Pekalongan
Jurusan Teknik Industri Universitas Kristen Maranatha
Nilai Tugas Akhir : A
Tanggal USTA : 28 Januari 2005