ภาคผนวก ค

ผลการวิเคราะห์ข้อมูล

OFF

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	108	27.1	27.1	27.1
	2	290	72.9	72.9	100.0
	Total	398	100.0	100.0	

STA

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	150	37.7	37.7	37.7
	2	248	62.3	62.3	100.0
	Total	398	100.0	100.0	

EDU

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	10	2.5	2.5	2.5
	2	323	81.2	81.2	83.7
	3	65	16.3	16.3	100.0
	Total	398	100.0	100.0	

SEX

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	333	83.7	83.7	83.7
	2	65	16.3	16.3	100.0
	Total	398	100.0	100.0	

OFF * STA Crosstabulation

			STA		Total
			1	2	
OFF	1	Count	54	54	108
		% within OFF	50.0%	50.0%	100.0%
		% within STA	36.0%	21.8%	27.1%
		% of Total	13.6%	13.6%	27.1%
	2	Count	96	194	290
		% within OFF	33.1%	66.9%	100.0%
		% within STA	64.0%	78.2%	72.9%
		% of Total	24.1%	48.7%	72.9%
Total		Count	150	248	398
		% within OFF	37.7%	62.3%	100.0%
		% within STA	100.0%	100.0%	100.0%
		% of Total	37.7%	62.3%	100.0%

OFF * EDU Crosstabulation

			EDU			Total
			1	2	3	
OFF	1	Count	2	98	8	108
		% within OFF	1.9%	90.7%	7.4%	100.0%
		% within EDU	20.0%	30.3%	12.3%	27.1%
		% of Total	.5%	24.6%	2.0%	27.1%
	2	Count	8	225	57	290
		% within OFF	2.8%	77.6%	19.7%	100.0%
		% within EDU	80.0%	69.7%	87.7%	72.9%
		% of Total	2.0%	56.5%	14.3%	72.9%
Total		Count	10	323	65	398
		% within OFF	2.5%	81.2%	16.3%	100.0%
		% within EDU	100.0%	100.0%	100.0%	100.0%
		% of Total	2.5%	81.2%	16.3%	100.0%

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
SUM1	398	1.50	5.00	3.5849	.69314
SUM2	398	1.00	5.00	3.5251	.80751
SUM3	398	1.14	5.00	3.6457	.75784
SUM4	398	1.00	5.00	3.5683	.85733
SUM5	398	1.00	5.00	3.5421	.87504
SUM1_5	398	1.25	5.00	3.5732	.73052
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V1_1	398	1	5	4.04	.845
V1_2	398	1	5	3.93	.864
V1_3	398	1	5	3.82	.945
V1_4	398	1	5	3.58	.929
V1_5	398	1	5	2.95	.952
V1_6	398	1	5	3.46	.888
V1_7	398	1	5	3.88	.923
V1_8	398	1	5	3.61	.885
V1_9	398	2	5	3.99	.829
V1_10	398	1	5	4.06	.860
V1_11	398	1	5	3.01	1.091
V1_12	398	1	5	3.41	1.007
V1_13	398	1	5	3.37	1.020
V1_14	398	1	5	2.78	1.108
V1_15	398	1	5	3.83	.818
V1_16	398	1	5	3.65	.926
V1_17	398	1	5	3.78	.858
V1_18	398	1	5	3.36	.920
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V2_1	398	1	5	3.65	.826
V2_2	398	1	5	3.57	.914
V2_3	398	1	5	3.42	.964
V2_4	398	1	5	3.46	1.027
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V3_1	398	1	5	3.77	.885
V3_2	398	1	5	3.88	.922
V3_3	398	1	5	3.85	.906
V3_4	398	1	5	3.97	.885
V3_5	398	1	5	3.96	.883
V3_6	398	1	5	3.81	.955
V3_7	398	1	5	3.00	1.103
V3_8	398	1	5	3.50	1.064
V3_9	398	1	7	3.57	1.001
V3_10	398	1	5	3.65	.959
V3_11	398	1	5	3.57	.919
V3_12	398	1	5	3.72	.864
V3_13	398	1	5	3.50	.930
V3_14	398	1	5	3.30	1.004
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V4_1	398	1	5	3.57	.965
V4_2	398	1	5	3.65	1.061
V4_3	398	1	5	3.58	.938
V4_4	398	1	5	3.51	1.047
V4_5	398	1	6	3.54	1.007
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V5_1	398	1	5	3.64	.914
V5_2	398	1	5	3.29	1.059
V5_3	398	1	5	3.62	.957
V5_4	398	1	5	3.62	1.023
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
V1_1	398	1	5	4.04	.845
V1_2	398	1	5	3.93	.864
V1_3	398	1	5	3.82	.945
V1_4	398	1	5	3.58	.929
V1_5	398	1	5	2.95	.952
V1_6	398	1	5	3.46	.888
V1_7	398	1	5	3.88	.923
V1_8	398	1	5	3.61	.885
V1_9	398	2	5	3.99	.829
V1_10	398	1	5	4.06	.860
V1_11	398	1	5	3.01	1.091
V1_12	398	1	5	3.41	1.007
V1_13	398	1	5	3.37	1.020
V1_14	398	1	5	2.78	1.108
V1_15	398	1	5	3.83	.818
V1_16	398	1	5	3.65	.926
V1_17	398	1	5	3.78	.858
V1_18	398	1	5	3.36	.920
V2_1	398	1	5	3.65	.826
V2_2	398	1	5	3.57	.914
V2_3	398	1	5	3.42	.964
V2_4	398	1	5	3.46	1.027
V3_1	398	1	5	3.77	.885
V3_2	398	1	5	3.88	.922
V3_3	398	1	5	3.85	.906
V3_4	398	1	5	3.97	.885
V3_5	398	1	5	3.96	.883
V3_6	398	1	5	3.81	.955
V3_7	398	1	5	3.00	1.103
V3_8	398	1	5	3.50	1.064
V3_9	398	1	7	3.57	1.001
V3_10	398	1	5	3.65	.959
V3_11	398	1	5	3.57	.919
V3_12	398	1	5	3.72	.864
V3_13	398	1	5	3.50	.930
V3_14	398	1	5	3.30	1.004
V4_1	398	1	5	3.57	.965
V4_2	398	1	5	3.65	1.061
V4_3	398	1	5	3.58	.938
V4_4	398	1	5	3.51	1.047
V4_5	398	1	6	3.54	1.007
V5_1	398	1	5	3.64	.914
V5_2	398	1	5	3.29	1.059
V5_3	398	1	5	3.62	.957
V5_4	398	1	5	3.62	1.023
Valid N (listwise)	398				

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
SUM1	Equal variances assumed	.006	.936	-.171	396	.864	-.0134	.07823	-.16721	.14040
	Equal variances not assumed			-.172	192.329	.864	-.0134	.07810	-.16744	.14064
SUM2	Equal variances assumed	.038	.846	-.309	396	.758	-.0281	.09113	-.20729	.15104
	Equal variances not assumed			-.311	195.012	.756	-.0281	.09034	-.20629	.15004
SUM3	Equal variances assumed	.310	.578	.899	396	.369	.0768	.08545	-.09115	.24484
	Equal variances not assumed			.901	192.463	.369	.0768	.08527	-.09135	.24504
SUM4	Equal variances assumed	.161	.689	.055	396	.956	.0053	.09677	-.18491	.19557
	Equal variances not assumed			.054	185.082	.957	.0053	.09857	-.18913	.19978
SUM5	Equal variances assumed	.073	.788	1.543	396	.124	.1519	.09847	-.04167	.34551
	Equal variances not assumed			1.546	192.474	.124	.1519	.09827	-.04190	.34573
SUM1_5	Equal variances assumed	.155	.694	.467	396	.641	.0385	.08243	-.12355	.20057
	Equal variances not assumed			.468	192.540	.640	.0385	.08224	-.12370	.20073

Group Statistics

	OFF	N	Mean	Std. Deviation	Std. Error Mean
SUM1	1	108	3.5751	.69211	.06660
	2	290	3.5885	.69469	.04079
SUM2	1	108	3.5046	.79718	.07671
	2	290	3.5328	.81256	.04772
SUM3	1	108	3.7017	.75554	.07270
	2	290	3.6249	.75894	.04457
SUM4	1	108	3.5722	.88369	.08503
	2	290	3.5669	.84886	.04985
SUM5	1	108	3.6528	.87062	.08378
	2	290	3.5009	.87460	.05136
SUM1_5	1	108	3.6013	.72860	.07011
	2	290	3.5628	.73221	.04300

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.970
Bartlett's Test of Sphericity	Approx. Chi-Square	13425.16
	df	703
	Sig.	.000

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.968
Bartlett's Test of Sphericity	Approx. Chi-Square	11758.58
	df	528
	Sig.	.000

Communalities

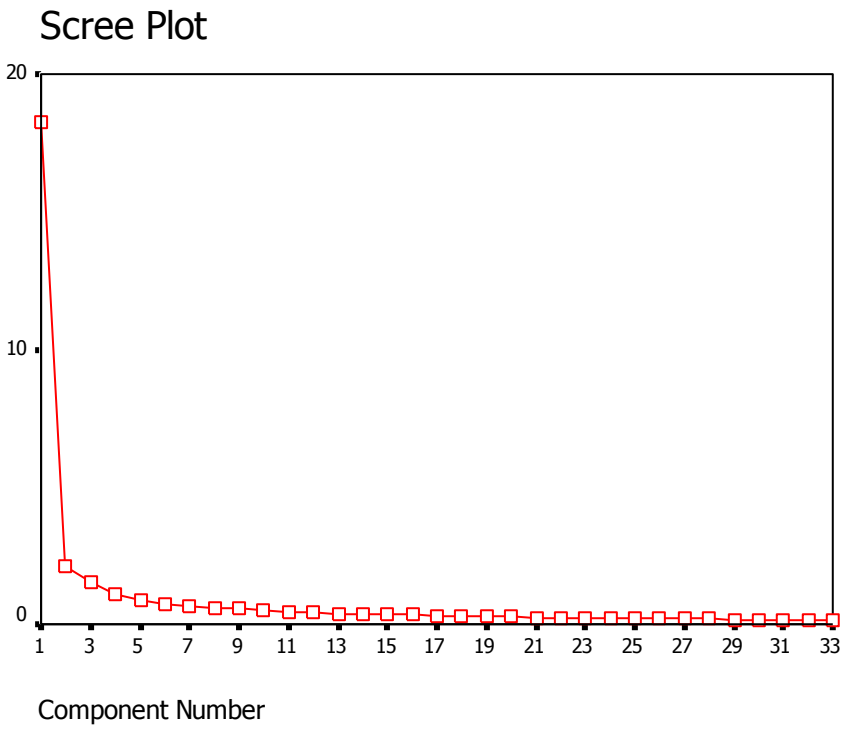
	Initial	Extraction
V1_1	1.000	.618
V1_2	1.000	.695
V1_3	1.000	.682
V1_4	1.000	.681
V1_5	1.000	.603
V1_6	1.000	.701
V1_7	1.000	.682
V1_8	1.000	.665
V1_9	1.000	.696
V1_10	1.000	.582
V1_11	1.000	.758
V1_12	1.000	.657
V1_13	1.000	.691
V1_14	1.000	.710
V1_18	1.000	.682
V3_3	1.000	.661
V3_4	1.000	.793
V3_5	1.000	.782
V3_6	1.000	.778
V3_7	1.000	.715
V3_8	1.000	.602
V3_9	1.000	.730
V3_10	1.000	.715
V3_11	1.000	.684
V3_13	1.000	.637
V4_2	1.000	.656
V4_3	1.000	.793
V4_4	1.000	.739
V4_5	1.000	.700
V5_1	1.000	.695
V5_2	1.000	.708
V5_3	1.000	.723
V5_4	1.000	.723

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	18.271	55.366	55.366	18.271	55.366	55.366	6.075	18.410	18.410
2	2.076	6.290	61.656	2.076	6.290	61.656	5.934	17.982	36.391
3	1.526	4.625	66.281	1.526	4.625	66.281	5.808	17.601	53.992
4	1.066	3.231	69.512	1.066	3.231	69.512	5.122	15.520	69.512
5	.864	2.619	72.131						
6	.715	2.165	74.296						
7	.675	2.046	76.342						
8	.612	1.855	78.197						
9	.570	1.726	79.923						
10	.517	1.565	81.489						
11	.467	1.415	82.904						
12	.444	1.345	84.249						
13	.394	1.194	85.443						
14	.385	1.166	86.609						
15	.359	1.089	87.698						
16	.338	1.024	88.721						
17	.325	.986	89.707						
18	.304	.921	90.629						
19	.297	.901	91.530						
20	.282	.854	92.384						
21	.254	.771	93.155						
22	.248	.750	93.905						
23	.244	.739	94.643						
24	.231	.699	95.343						
25	.220	.667	96.009						
26	.196	.592	96.602						
27	.193	.585	97.187						
28	.188	.569	97.756						
29	.177	.536	98.292						
30	.159	.483	98.775						
31	.147	.444	99.219						
32	.140	.423	99.642						
33	.118	.358	100.000						

Extraction Method: Principal Component Analysis.


Scree Plot
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Component Number

Component Matrix[a]

	Component			
	1	2	3	4
V3_9	.816	-.137	-3.10E-02	-.211
V3_11	.810	-.121	-3.59E-02	-.112
V3_10	.804	-.150	-.152	-.153
V5_4	.801	-.267	-3.52E-04	.105
V3_5	.798	-7.90E-02	-.275	-.251
V4_3	.798	-.218	-2.73E-02	.327
V3_4	.793	-.101	-.343	-.192
V1_13	.790	7.200E-02	.247	-1.66E-02
V5_3	.787	-.201	-4.78E-02	.248
V3_6	.780	-.196	-.269	-.242
V5_2	.778	-.229	.215	7.134E-02
V3_13	.777	-8.40E-02	-1.84E-02	-.161
V5_1	.761	-.216	-8.23E-02	.249
V1_8	.761	.289	-5.24E-02	-2.38E-03
V4_4	.755	-.304	-4.56E-02	.274
V3_3	.742	-.128	-.183	-.245
V1_12	.741	4.770E-02	.289	-.146
V4_5	.741	-.242	-4.45E-02	.300
V3_8	.739	-.193	-3.30E-02	-.133
V1_7	.734	.367	-5.87E-02	7.672E-02
V3_7	.733	-.231	.202	-.288
V1_11	.732	-1.48E-02	.426	-.203
V1_9	.731	.305	-.222	.136
V1_4	.731	.379	-1.46E-02	4.682E-02
V1_6	.716	.391	.143	.122
V1_18	.704	.111	.417	1.791E-02
V1_10	.703	.157	-.189	.165
V4_2	.699	-.301	-3.93E-02	.274
V1_14	.693	4.651E-02	.470	-7.92E-02
V1_2	.690	.439	-.155	4.890E-02
V1_3	.675	.455	-.135	5.645E-03
V1_5	.613	.249	.396	9.456E-02
V1_1	.560	.484	-.258	-6.70E-02

Extraction Method: Principal Component Analysis.

a. 4 components extracted.

Rotated Component Matrix[a]

	Component			
	1	2	3	4
V1_2	.750	.191	.226	.212
V1_3	.743	.144	.236	.231
V1_1	.736	3.146E-02	.262	8.532E-02
V1_9	.698	.345	.260	.148
V1_7	.688	.259	.219	.305
V1_4	.679	.227	.217	.348
V1_6	.643	.249	9.407E-02	.466
V1_8	.627	.255	.312	.330
V1_10	.560	.420	.265	.147
V4_3	.283	.750	.273	.275
V4_4	.191	.735	.324	.241
V4_5	.236	.715	.277	.236
V4_2	.163	.704	.292	.220
V5_3	.286	.683	.323	.266
V5_1	.271	.682	.327	.223
V5_4	.205	.619	.434	.333
V5_2	.152	.544	.350	.517
V3_6	.285	.359	.738	.154
V3_5	.387	.306	.714	.169
V3_4	.397	.361	.705	9.570E-02
V3_3	.293	.296	.664	.217
V3_10	.310	.399	.628	.255
V3_9	.280	.347	.624	.377
V3_7	8.004E-02	.274	.579	.546
V3_8	.209	.389	.551	.322
V3_11	.305	.405	.549	.354
V3_13	.305	.334	.546	.365
V1_14	.227	.236	.217	.746
V1_11	.193	.204	.359	.742
V1_18	.314	.282	.154	.693
V1_5	.395	.222	1.395E-02	.631
V1_12	.299	.231	.356	.623
V1_13	.374	.338	.299	.589

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

a. Rotation converged in 7 iterations.

Component Transformation Matrix

Component	1	2	3	4
1	.502	.518	.514	.464
2	.794	-.491	-.350	.078
3	-.312	-.098	-.378	.866
4	.144	.693	-.686	-.169

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

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
SUMX1	398	1.00	5.00	3.3894	.84971
SUMX2	398	1.00	5.00	3.5829	.77551
SUMX3	398	1.00	5.00	3.4941	.79731
SUMX4	398	1.00	5.00	3.6621	.76164
SUMX5	398	1.00	5.00	3.4950	.78636
SUMX6	398	1.00	5.00	3.5109	.78879
SUMX7	398	1.00	5.00	3.5653	.80349
SUMX8	398	1.00	5.00	3.5942	.82730
SUMX9	398	1.00	5.00	2.9623	.87623
SUMX10	398	1.00	5.00	3.5613	.71431
SUMX11	398	1.43	5.00	3.5704	.74141
SUMX	398	1.40	5.00	3.4852	.63516
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X01	398	1	5	3.39	.850
X02	398	1	5	3.58	.808
X03	398	1	5	3.59	.847
X04	398	1	5	3.60	.874
X05	398	1	5	3.46	.873
X06	398	1	5	3.42	.913
X07	398	1	5	3.76	.821
X08	398	1	5	3.56	.834
X09	398	1	5	3.37	.874
X10	398	1	5	3.62	.846
X11	398	1	5	3.45	.904
X12	398	1	5	3.48	.874
X13	398	1	5	3.61	.829
X14	398	1	5	3.53	.859
X15	398	1	5	3.53	.932
X16	398	1	5	3.57	.868
X17	398	1	5	3.63	.888
X18	398	1	5	3.65	.859
X19	398	1	5	3.54	.902
X20	398	1	5	2.82	.975
X21	398	1	5	2.84	.966
X22	398	1	5	3.08	.946
X23	398	1	5	3.11	.955
X24	398	1	5	3.62	.858
X25	398	1	5	3.61	.798
X26	398	1	5	3.50	.777
X27	398	1	5	3.53	.811
X28	398	1	5	3.55	.797
X29	398	1	5	3.73	.810
X30	398	1	5	3.71	.840
X31	398	1	5	3.62	.803
X32	398	1	5	3.55	.813
X33	398	1	5	3.53	.853
X34	398	1	5	3.41	.901
X35	398	1	5	3.44	.898
SUMX	398	1.40	5.00	3.4852	.63516
Valid N (listwise)	398				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
SUMY1	397	1.00	5.00	4.2897	.78123
SUMY2	397	2.00	5.00	4.5013	.60875
SUMY3	397	1.67	5.00	4.4903	.59244
SUMY4	397	2.00	5.00	4.5264	.59134
SUMY5	397	1.00	5.00	4.4849	.62646
SUMY6	397	1.33	5.00	4.5542	.63316
SUMY7	397	2.00	5.00	4.5139	.60652
SUMY8	397	2.00	5.00	4.5277	.60656
SUMY9	397	1.25	5.00	4.3514	.74108
SUMY10	398	1.00	5.00	3.5613	.71431
SUMY11	397	2.00	5.00	4.5340	.56356
SUMY	397	1.71	5.00	4.5024	.51070
Valid N (listwise)	397				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Y01	397	1	5	4.29	.781
Y02	397	2	5	4.49	.646
Y03	397	2	5	4.52	.646
Y04	397	1	5	4.54	.675
Y05	397	2	5	4.49	.658
Y06	397	2	5	4.44	.692
Y07	397	1	5	4.53	.657
Y08	397	2	5	4.52	.630
Y09	397	1	5	4.43	.713
Y10	397	1	5	4.54	.660
Y11	397	1	5	4.53	.679
Y12	397	1	5	4.56	.689
Y13	397	2	5	4.57	.673
Y14	397	2	5	4.49	.688
Y15	397	2	5	4.50	.658
Y16	397	2	5	4.54	.660
Y17	397	2	5	4.53	.645
Y18	397	2	5	4.54	.637
Y19	397	2	5	4.52	.646
Y20	397	2	5	4.37	.769
Y21	397	1	5	4.32	.793
Y22	397	1	5	4.37	.782
Y23	397	1	5	4.35	.776
Y24	397	1	5	4.56	.670
Y25	397	1	5	4.58	.620
Y26	397	1	5	4.60	.614
Y27	397	1	5	4.57	.626
Y28	397	2	5	4.56	.615
Y29	397	2	5	4.57	.597
Y30	397	2	5	4.57	.627
Y31	397	2	5	4.54	.608
Y32	397	2	5	4.53	.605
Y33	397	2	5	4.51	.658
Y34	397	2	5	4.50	.669
Y35	397	2	5	4.52	.642
SUMY	397	1.71	5.00	4.5024	.51070
Valid N (listwise)	397				

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
GYX1	398	-3.00	5.00	.9121	.93075
GYX2	398	-3.00	5.00	.9171	.88404
GYX3	398	-3.00	5.00	.9422	.88033
GYX4	398	-4.00	4.00	.9523	.94442
GYX5	398	-2.00	5.00	1.0452	.90782
GYX6	398	-2.00	5.00	1.0251	.91413
GYX7	398	-3.00	4.00	.7814	.82160
GYX8	398	-1.00	4.00	.9698	.88314
GYX9	398	-2.00	4.00	1.0678	.87098
GYX10	398	-2.00	4.00	.9347	.82819
GYX11	398	-1.00	5.00	1.0980	.92158
GYX12	398	-2.00	5.00	1.0930	.91937
GYX13	398	-2.00	5.00	.9724	.83182
GYX14	398	-2.00	4.00	.9724	.86449
GYX15	398	-1.00	4.00	.9799	.92249
GYX16	398	-2.00	4.00	.9749	.87471
GYX17	398	-2.00	4.00	.9121	.86336
GYX18	398	-2.00	5.00	.9020	.88534
GYX19	398	-1.00	4.00	.9874	.92125
GYX20	398	-1.00	5.00	1.5528	1.05084
GYX21	398	-1.00	6.00	1.5000	1.02057
GYX22	398	-1.00	5.00	1.2965	.92136
GYX23	398	-2.00	5.00	1.2538	.97754
GYX24	398	-1.00	5.00	.9548	.86229
GYX25	398	-1.00	5.00	.9849	.83667
GYX26	398	-1.00	5.00	1.1156	.83784
GYX27	398	-1.00	5.00	1.0528	.84265
GYX28	398	-1.00	5.00	1.0226	.86172
GYX29	398	-1.00	5.00	.8568	.81057
GYX30	398	-1.00	5.00	.8693	.84759
GYX31	398	-1.00	5.00	.9347	.80974
GYX32	398	-1.00	5.00	.9849	.81841
GYX33	398	-1.00	5.00	.9874	.87065
GYX34	398	-1.00	5.00	1.1055	.93298
GYX35	398	-1.00	5.00	1.0854	.88806
GAPYX	397	-.72	3.29	1.0191	.61164
Valid N (listwise)	397				

T-Test

Group Statistics

	OFF	N	Mean	Std. Deviation	Std. Error Mean
GAB_YX1	1	107	.9626	.95092	.09193
	2	290	.8793	.89361	.05247
GAB_YX2	1	107	.9439	.74393	.07192
	2	290	.9103	.81438	.04782
GAB_YX3	1	107	1.0723	.75405	.07290
	2	290	.9713	.79832	.04688
GAB_YX4	1	107	.9112	.73911	.07145
	2	290	.8517	.76499	.04492
GAB_YX5	1	107	1.0561	.77802	.07521
	2	290	.9707	.75331	.04424
GAB_YX6	1	107	1.1497	.76107	.07358
	2	290	1.0060	.78623	.04617
GAB_YX7	1	107	1.0701	.74748	.07226
	2	290	.9086	.77472	.04549
GAB_YX8	1	107	.9766	.85059	.08223
	2	290	.9207	.81227	.04770
GAB_YX9	1	107	1.5257	.82911	.08015
	2	290	1.3414	.89709	.05268
GAB_YX10	1	108	.0000	.00000[a]	.00000
	2	290	.0000	.00000[a]	.00000
GAB_YX11	1	107	1.0437	.68944	.06665
	2	290	.9358	.69739	.04095
GAPYX	1	107	1.1062	.58350	.05641
	2	290	.9870	.61959	.03638

a. t cannot be computed because the standard deviations of both groups are 0.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
GAB_YX1	Equal variances assumed	.107	.743	.810	395	.418	.0833	.10286	-.11891	.28552
	Equal variances not assumed			.787	179.346	.432	.0833	.10585	-.12557	.29218
GAB_YX2	Equal variances assumed	3.505	.062	.373	395	.709	.0336	.09005	-.14345	.21061
	Equal variances not assumed			.389	205.710	.698	.0336	.08637	-.13670	.20386
GAB_YX3	Equal variances assumed	.138	.711	1.136	395	.257	.1011	.08898	-.07388	.27600
	Equal variances not assumed			1.166	199.303	.245	.1011	.08667	-.06985	.27197
GAB_YX4	Equal variances assumed	1.681	.196	.694	395	.488	.0595	.08575	-.10910	.22808
	Equal variances not assumed			.705	195.169	.482	.0595	.08440	-.10696	.22594
GAB_YX5	Equal variances assumed	.067	.796	.993	395	.321	.0854	.08597	-.08362	.25439
	Equal variances not assumed			.979	183.941	.329	.0854	.08726	-.08677	.25754
GAB_YX6	Equal variances assumed	.011	.917	1.630	395	.104	.1437	.08818	-.02967	.31704
	Equal variances not assumed			1.654	194.835	.100	.1437	.08686	-.02762	.31499
GAB_YX7	Equal variances assumed	.108	.743	1.860	395	.064	.1615	.08681	-.00920	.33215
	Equal variances not assumed			1.891	195.418	.060	.1615	.08539	-.00693	.32988
GAB_YX8	Equal variances assumed	.032	.858	.601	395	.548	.0559	.09306	-.12701	.23890
	Equal variances not assumed			.589	181.783	.557	.0559	.09506	-.13162	.24351
GAB_YX9	Equal variances assumed	.425	.515	1.853	395	.065	.1843	.09947	-.01123	.37987
	Equal variances not assumed			1.922	203.429	.056	.1843	.09591	-.00479	.37344
GAB_YX11	Equal variances assumed	.267	.606	1.373	395	.171	.1080	.07864	-.04663	.26259
	Equal variances not assumed			1.380	191.151	.169	.1080	.07823	-.04632	.26228
GAPYX	Equal variances assumed	.988	.321	1.727	395	.085	.1192	.06901	-.01651	.25484
	Equal variances not assumed			1.775	199.854	.077	.1192	.06712	-.01320	.25153

T-Test

Group Statistics

	STA	N	Mean	Std. Deviation	Std. Error Mean
GAB_YX1	1	150	.8133	1.01258	.08268
	2	247	.9555	.83741	.05328
GAB_YX2	1	150	.9100	.86713	.07080
	2	247	.9251	.74997	.04772
GAB_YX3	1	150	.9311	.87988	.07184
	2	247	1.0394	.72359	.04604
GAB_YX4	1	150	.8267	.80682	.06588
	2	247	.8927	.72669	.04624
GAB_YX5	1	150	.9467	.79880	.06522
	2	247	1.0223	.73564	.04681
GAB_YX6	1	150	1.0159	.76261	.06227
	2	247	1.0623	.79328	.05048
GAB_YX7	1	150	.9033	.83886	.06849
	2	247	.9818	.72497	.04613
GAB_YX8	1	150	.8500	.83696	.06834
	2	247	.9879	.81016	.05155
GAB_YX9	1	150	1.3017	.95023	.07759
	2	247	1.4453	.83529	.05315
GAB_YX10	1	150	.0000	.00000[a]	.00000
	2	248	.0000	.00000[a]	.00000
GAB_YX11	1	150	.9592	.67434	.05506
	2	247	.9683	.71023	.04519
GAPYX	1	150	.9808	.64891	.05298
	2	247	1.0424	.58798	.03741

a. t cannot be computed because the standard deviations of both groups are 0.

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
GAB_YX1	Equal variances assumed	6.500	.011	-1.513	395	.131	-.1421	.09394	-.32681	.04255
	Equal variances not assumed			-1.445	270.241	.150	-.1421	.09836	-.33578	.05152
GAB_YX2	Equal variances assumed	2.032	.155	-.183	395	.855	-.0151	.08242	-.17713	.14693
	Equal variances not assumed			-.177	280.110	.860	-.0151	.08538	-.18317	.15297
GAB_YX3	Equal variances assumed	3.518	.061	-1.331	395	.184	-.1083	.08138	-.26830	.05170
	Equal variances not assumed			-1.269	269.038	.205	-.1083	.08533	-.27630	.05970
GAB_YX4	Equal variances assumed	3.039	.082	-.842	395	.400	-.0660	.07845	-.22029	.08820
	Equal variances not assumed			-.821	289.425	.413	-.0660	.08048	-.22445	.09236
GAB_YX5	Equal variances assumed	1.775	.184	-.961	395	.337	-.0756	.07868	-.23028	.07908
	Equal variances not assumed			-.942	294.667	.347	-.0756	.08028	-.23359	.08239
GAB_YX6	Equal variances assumed	.300	.584	-.572	395	.567	-.0463	.08093	-.20545	.11278
	Equal variances not assumed			-.578	324.334	.564	-.0463	.08016	-.20402	.11136
GAB_YX7	Equal variances assumed	5.504	.019	-.984	395	.326	-.0784	.07970	-.23513	.07824
	Equal variances not assumed			-.950	279.939	.343	-.0784	.08258	-.24100	.08410
GAB_YX8	Equal variances assumed	2.504	.114	-1.623	395	.105	-.1379	.08492	-.30481	.02910
	Equal variances not assumed			-1.610	306.669	.108	-.1379	.08560	-.30629	.03058
GAB_YX9	Equal variances assumed	1.965	.162	-1.577	395	.116	-.1437	.09114	-.32285	.03549
	Equal variances not assumed			-1.528	283.798	.128	-.1437	.09404	-.32879	.04144
GAB_YX11	Equal variances assumed	.181	.671	-.126	395	.900	-.0091	.07214	-.15093	.13273
	Equal variances not assumed			-.128	327.381	.898	-.0091	.07123	-.14923	.13103
GAPYX	Equal variances assumed	1.743	.188	-.973	395	.331	-.0616	.06332	-.18607	.06289
	Equal variances not assumed			-.950	290.832	.343	-.0616	.06486	-.18925	.06607

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.961
Bartlett's Test of Sphericity	Approx. Chi-Square	12676.04
	df	595
	Sig.	.000

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.959
Bartlett's Test of Sphericity	Approx. Chi-Square	12312.70
	df	561
	Sig.	.000

Communalities

	Initial	Extraction
GYX1	1.000	.639
GYX2	1.000	.797
GYX3	1.000	.750
GYX4	1.000	.625
GYX5	1.000	.647
GYX7	1.000	.612
GYX8	1.000	.667
GYX9	1.000	.663
GYX10	1.000	.604
GYX11	1.000	.691
GYX12	1.000	.618
GYX13	1.000	.724
GYX14	1.000	.775
GYX15	1.000	.711
GYX16	1.000	.701
GYX17	1.000	.682
GYX18	1.000	.642
GYX19	1.000	.610
GYX20	1.000	.807
GYX21	1.000	.873
GYX22	1.000	.839
GYX23	1.000	.793
GYX24	1.000	.702
GYX25	1.000	.810
GYX26	1.000	.804
GYX27	1.000	.808
GYX28	1.000	.700
GYX29	1.000	.631
GYX30	1.000	.592
GYX31	1.000	.719
GYX32	1.000	.800
GYX33	1.000	.799
GYX34	1.000	.794
GYX35	1.000	.799

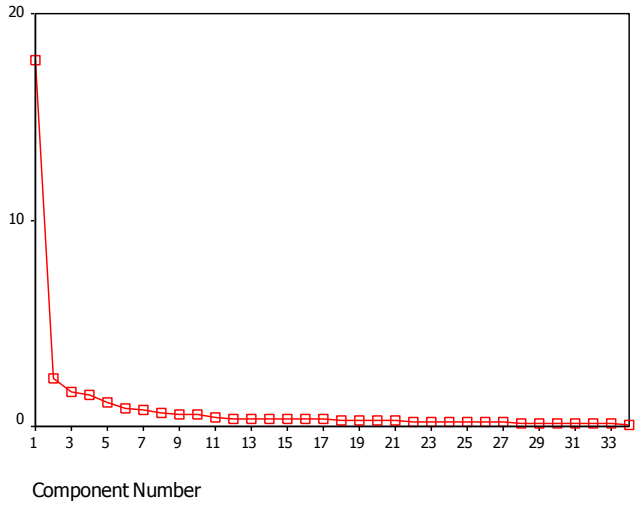
Extraction Method: Principal Component Analysis.

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	17.750	52.207	52.207	17.750	52.207	52.207	7.963	23.420	23.420
2	2.295	6.750	58.957	2.295	6.750	58.957	5.045	14.838	38.258
3	1.703	5.008	63.965	1.703	5.008	63.965	4.530	13.323	51.581
4	1.537	4.522	68.487	1.537	4.522	68.487	3.607	10.610	62.191
5	1.143	3.361	71.847	1.143	3.361	71.847	3.283	9.656	71.847
6	.871	2.562	74.410						
7	.770	2.265	76.675						
8	.671	1.973	78.648						
9	.589	1.734	80.381						
10	.555	1.632	82.013						
11	.469	1.379	83.393						
12	.392	1.153	84.546						
13	.382	1.125	85.671						
14	.370	1.089	86.760						
15	.366	1.075	87.835						
16	.361	1.061	88.896						
17	.339	.997	89.893						
18	.320	.941	90.834						
19	.287	.843	91.677						
20	.277	.816	92.493						
21	.261	.769	93.262						
22	.246	.725	93.987						
23	.243	.715	94.701						
24	.236	.696	95.397						
25	.218	.641	96.037						
26	.205	.604	96.641						
27	.189	.557	97.199						
28	.175	.514	97.713						
29	.159	.469	98.182						
30	.153	.450	98.632						
31	.133	.392	99.024						
32	.118	.348	99.371						
33	.114	.335	99.706						
34	9.998E-02	.294	100.000						

Extraction Method: Principal Component Analysis.

Scree Plot



Component Matrix[a]

	Component				
	1	2	3	4	5
GYX14	.797	-.285	-2.72E-02	.114	-.210
GYX33	.782	.107	-.382	3.420E-02	.171
GYX13	.781	-.264	-.117	9.487E-02	-.149
GYX17	.774	-.209	4.194E-02	2.807E-02	-.192
GYX15	.770	-.268	-7.96E-02	7.108E-02	-.188
GYX31	.766	.138	-.326	-4.15E-02	7.773E-02
GYX9	.764	-.280	-1.92E-02	2.611E-02	9.163E-03
GYX35	.763	.142	-.409	3.782E-02	.168
GYX11	.757	-.238	-8.82E-02	.210	-9.89E-02
GYX16	.755	-.239	-4.52E-02	6.594E-02	-.259
GYX8	.752	-.278	.129	7.531E-02	-4.34E-02
GYX19	.751	-.130	5.333E-02	-2.89E-02	-.159
GYX32	.750	.145	-.440	1.082E-02	.151
GYX12	.746	-.137	-.153	.139	5.028E-03
GYX34	.745	.153	-.411	7.298E-02	.205
GYX5	.741	-.157	.153	-.105	.196
GYX18	.741	-.175	.112	-9.50E-02	-.202
GYX25	.737	.285	.131	-.375	-.167
GYX27	.731	.308	.175	-.366	-.116
GYX26	.724	.346	.132	-.369	-7.88E-02
GYX10	.721	-.285	1.381E-03	1.592E-02	-4.41E-02
GYX28	.716	.300	.133	-.273	-7.43E-02
GYX3	.709	-.213	.209	-8.72E-02	.388
GYX7	.708	-.315	-1.60E-02	5.491E-03	-.103
GYX4	.693	-.183	.273	-.143	.130
GYX29	.685	.285	-.228	-.173	4.698E-03
GYX21	.680	.353	.221	.484	4.836E-02
GYX20	.678	.321	.260	.420	-4.87E-03
GYX24	.675	.322	.165	-.247	-.233
GYX2	.669	-.194	.205	-.100	.510
GYX30	.655	.264	-.257	-.152	7.420E-02
GYX22	.650	.410	.253	.429	-1.10E-02
GYX23	.624	.421	.276	.385	3.461E-02
GYX1	.501	-.254	.405	-.154	.369

Extraction Method: Principal Component Analysis.

a. 5 components extracted.

Rotated Component Matrix[a]

	Component				
	1	2	3	4	5
GYX14	.786	.238	.188	.196	.166
GYX16	.746	.226	.236	.162	.103
GYX15	.743	.278	.193	.145	.153
GYX13	.736	.327	.162	.154	.162
GYX11	.700	.319	7.854E-02	.253	.172
GYX17	.698	.199	.281	.191	.197
GYX7	.681	.219	.175	8.099E-02	.252
GYX8	.662	.159	.181	.220	.349
GYX9	.646	.297	.163	.133	.337
GYX10	.644	.241	.172	.116	.296
GYX18	.637	.135	.385	.136	.226
GYX19	.610	.212	.339	.187	.206
GYX12	.575	.427	.118	.226	.200
GYX32	.331	.774	.217	.169	.122
GYX34	.307	.772	.167	.227	.157
GYX35	.336	.762	.206	.203	.148
GYX33	.366	.742	.205	.200	.180
GYX31	.364	.665	.308	.176	.137
GYX30	.197	.592	.411	.149	.113
GYX29	.230	.563	.477	.163	8.273E-02
GYX25	.289	.248	.777	.171	.177
GYX27	.247	.236	.774	.204	.224
GYX26	.204	.289	.768	.203	.218
GYX24	.278	.180	.716	.270	8.423E-02
GYX28	.241	.275	.679	.246	.213
GYX21	.255	.252	.175	.831	.153
GYX22	.217	.206	.253	.821	.107
GYX23	.165	.196	.267	.796	.149
GYX20	.284	.193	.228	.783	.153
GYX2	.272	.284	.135	.151	.775
GYX1	.250	-1.34E-02	.168	9.926E-02	.734
GYX3	.366	.250	.176	.163	.704
GYX4	.443	.108	.322	.151	.539
GYX5	.439	.253	.278	.163	.535

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

a. Rotation converged in 7 iterations.

Component Transformation Matrix

Component	1	2	3	4	5
1	.620	.459	.420	.339	.338
2	-.612	.256	.474	.491	-.307
3	-.050	-.769	.247	.380	.447
4	.170	.004	-.653	.706	-.214
5	-.459	.363	-.334	.023	.739

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