LAMPIRAN

Lampiran 1. PERMOHONAN KESEDIAAN PENGISIAN KUISIONER PENELITIAN

PERMOHONAN KESEDIAAN PENGISIAN KUESIONER PENELITIAN

Dengan hormat,

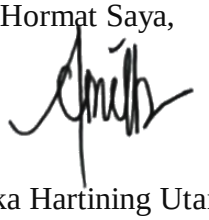
Sehubung dengan tugas penyelesaian tesis, maka saya:

Nama : Isnugraika Hartining Utami

Status : Mahasiswa Program Pasca Sarjana Magister Administrasi Rumah Sakit Universitas Esa Unggul

Memohon kesediaan Bapak/Ibu untuk berpartisipasi menjadi responden dengan mengisikuesioner terlampir. Partisipasi Bapak/Ibu akan akan sangat menentukan keberhasilan penelitian ini. Oleh karena itu, silakan Bapak/Ibu menjawab dengan jujur sesuai dengan kondisi riil yang Bapak/Ibu rasakan atau alami. Tidak ada jawaban yang benar atau salah, sehingga saya memohon agar Bapak/Ibu dapat memberikan jawaban pada setiap pertanyaan, tanpa ada pernyataan yang terlewatkan. Semua data yang terkumpul hanya akan saya gunakan untuk kepentingan akademis dan akan dijamin kerahasiaannya. Selanjutnya data akan disajikan secara agregat (tanpa mencantumkan nama orang dan organisasi) sehingga data tersebut akan tersaji dalam bentuk keseluruhan dan bukan data individu yang Bapak/Ibu berikan.Atas kesediaan dan dukungan Bapak/Ibu dalam meluangkan waktu untuk mengisi kuesioner ini, saya ucapkan terima kasih.

Hormat Saya,



Isnugraika Hartining Utami

Lampiran 2. LEMBAR PERSETUJUAN SUBJEK PENELITIAN

LEMBAR PERSETUJUAN SUBJEK PENELITIAN

Saya yang bertanda tangan dibawah ini :

Inisal nama :

Pendidikan :

Usia :

Jenis kelamin :

Pekerjaan :

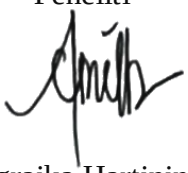
Setelah mendapatkan penjelasan dari peneliti tentang prosedur penelitian, maka saya menyatakan bersedia untuk menjadi responden dan mengisi kuesioner sehubungan dengan penelitian yang dilakukan oleh dr. Isnugraika Hartining Utami dengan judul :

PENGARUH *SERVICE QUALITY* DAN *CUSTOMER PERCEIVED VALUE* TERHADAP NIAT MELAKUKAN *MEDICAL CHECK UP* DENGAN KEPUASAN PASIEN SEBAGAI VARIABEL MEDIASI

Demikian pernyataan ini saya buat dengan sebenarnya tanpa tekanan dari pihak manapun.

Tangerang, 2023

Peneliti



(Isnugraika Hartining Utami) (…….)

Lampiran 3. KUISIONER

KUESIONER

PENGARUH *SERVICE QUALITY* DAN *CUSTOMER PERCEIVED VALUE* TERHADAP NIAT MELAKUKAN *MEDICAL CHECK UP* DENGAN KEPUASAN PASIEN SEBAGAI VARIABEL MEDIASI

A. Identitas Responden

Berilah tanda checklist (√) pada kolom pilihan Anda

1. Usia
   [ ] 21 – 30 Tahun
   [ ] 31 – 40 Tahun
   [ ] 41 – 50 Tahun
   [ ] 51 – 60 Tahun
   [ ] > 60 Tahun
2. Jenis Kelamin
   [ ] Laki-laki [ ] Perempuan
3. Status Pernikahan
   [ ] Belum menikah [ ] Menikah
4. Tingkat Pendidikan
   [ ] SMA
   [ ] D3
   [ ] S1
   [ ] S2
5. Pekerjaan
   [ ]Ibu rumah Tangga
   [ ] Wiraswasta
   [ ] Pegawai
   [ ] Lain – lain, sebutkan ……..

B. Pengisian Kuesioner

Berilah tanda checklist (√) pada salah satu jawaban yang Anda pilih
Setiap pernyataan mempunyai alternatif jawaban sebagai berikut :
SS : Sangat Setuju

S : Setuju
TS : Tidak Setuju
STS : Sangat Tidak Setuju

Service Quality

No	Pernyataan	SS	S	TS	STS
	Interaction Quality				
1.	Dokter dan perawat MCU RS Medika BSD bersikap ramah kepada saya				
2.	Dokter dan perawat MCU RS Medika BSD menunjukkan sikap bersedia membantu saya				
3.	Dokter dan perawat MCU RS Medika BSD merespon kebutuhan saya dengan cepat				
4.	Dokter dan perawat MCU RS Medika BSD memiliki pengetahuan yang baik mengenai bidang pekerjaan mereka				
	Service Environment Quality				
5.	Desain interior Ruang MCU terlihat menarik dan modern bagi saya				
6.	Ruang MCU RS Medika BSD memiliki suasana yang kondusif				
7.	Saya merasa RS Medika BSD menjadi salah satu Rumah sakit dengan lingkungan fisik terbaik				
8.	Saya mendapatkan Pasien MCU lain secara kosisten memberi kesan yang baik kepada saya mengenai layanan MCU yang diberikan RS Medika BSD				
	Outcome Quality				
9.	Saya tidak perlu menunggu lama di RS untuk dilakukan pemeriksaan MCU				
10.	RS Medika BSD menyediakan peralatan pemeriksaan, fasilitas laboratorium, dan radiologi yang lengkap sesuai dengan layanan MCU yang saya pilih				
11.	Dokter dan perawat MCU berpenampilan rapi dan menggunakan seragam yang sesuai dan sopan				
12.	Ketika saya meninggalkan RS Medika BSD, saya merasa bahwa saya memiliki pengalaman MCU yang baik				

Customer Perceived Value

No	Pernyataan	SS	S	TS	STS
	Functional Value				
1.	RS Medika BSD terletak di lokasi yang strategis				
2.	Rumah sakit memiliki bangunan yang modern dengan tempat parkir yang luas				

3.	RS Medika BSD menawarkan Pelayanan MCU dengan Biaya yang kompetitif				
4.	RS Medika BSD memiliki reputasi baik				
	Symbolic Value				
5.	RS medika BSD menawarkan pelayanan MCU dengan dokter dan perawat yang profesional dan berpengalaman				
6.	Saya senang terhadap pelayanan MCU yang diberikan RS Medika BSD				
7.	Saya bangga menjadi salah satu customer di RS Medika BSD				

Kepuasan Pasien

No	Pernyataan	SS	S	TS	STS
1.	Secara umum saya merasa puas terhadap pelayanan MCU yang diberikan RS Medika BSD				
2.	RS Medika BSD mampu memberikan Pelayanan MCU sesuai bahkan melebihi harapan saya				
3.	Melakukan MCU di RS Medika BSD memberikan pengalaman yang menyenangkan				
4.	Saya puas dengan pelayanan Dokter dan perawat MCU RS Medika BSD				

Niat Melakukan *Medical Check Up*

No	Pernyataan	SS	S	TS	STS
1.	Saya akan tetap memilih layanan MCU di RS Medika BSD dibandingkan Rumah Sakit lain walaupun harus mengeluarkan biaya lebih tinggi				
2.	Saya akan memberikan ulasan positif mengenai layanan MCU di RS Medika BSD kepada orang lain Saya akan tetap memilih layanan MCU di RS Medika BSD dibandingkan Rumah Sakit lain				
3.	Saya akan merekomendasikan layanan MCU di RS Medika BSD kepada keluarga dan teman saya				
4.	Saya berniat melakukan MCU kembali di RS Medika BSD				

Lampiran 4. HASIL UJI VALIDITAS VARIABEL

Uji Validitas *Service Quality*

Dimensi *Interaction Quality*

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.777
Bartlett's Test of Sphericity	Approx. Chi-Square	31.281
	df	6
	Sig.	.000

Anti-image Matrices

		X1.1	X1.2	X1.3	X1.4
Anti-image Covariance	X1.1	.601	-.099	-.178	-.212
	X1.2	-.099	.619	-.218	-.151
	X1.3	-.178	-.218	.610	-.069
	X1.4	-.212	-.151	-.069	.650
Anti-image Correlation	X1.1	.771[a]	-.162	-.293	-.340
	X1.2	-.162	.780[a]	-.355	-.238
	X1.3	-.293	-.355	.769[a]	-.110
	X1.4	-.340	-.238	-.110	.788[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X1.1	1.000	.643
X1.2	1.000	.624
X1.3	1.000	.627
X1.4	1.000	.588

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
X1.1	.802
X1.2	.790
X1.3	.792
X1.4	.767

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.481	62.033	62.033	2.481	62.033	62.033
2	.598	14.942	76.975			
3	.504	12.600	89.574			
4	.417	10.426	100.000			

Extraction Method: Principal Component Analysis.

Dimensi *Service Environtment Quality*

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.789
Bartlett's Test of Sphericity	Approx. Chi-Square	29.739
	df	6
	Sig.	.000

Anti-image Matrices

		X1.5	X1.6	X1.7	X1.8
Anti-image Covariance	X1.5	.649	-.171	-.161	-.117
	X1.6	-.171	.580	-.199	-.158
	X1.7	-.161	-.199	.614	-.120
	X1.8	-.117	-.158	-.120	.710
Anti-image Correlation	X1.5	.800[a]	-.278	-.255	-.172
	X1.6	-.278	.762[a]	-.333	-.247
	X1.7	-.255	-.333	.780[a]	-.182
	X1.8	-.172	-.247	-.182	.827[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X1.5	1.000	.604
X1.6	1.000	.673
X1.7	1.000	.637
X1.8	1.000	.536

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
X1.5	.777
X1.6	.820
X1.7	.798
X1.8	.732

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.450	61.253	61.253	2.450	61.253	61.253
2	.599	14.980	76.233			
3	.508	12.706	88.939			
4	.442	11.061	100.000			

Extraction Method: Principal Component Analysis.

Dimensi *Outcome Quality*

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.773
Bartlett's Test of Sphericity	Approx. Chi-Square	50.396
	df	6
	Sig.	.000

Anti-image Matrices

		X1.9	X1.10	X1.11	X1.12
Anti-image Covariance	X1.9	.619	-.180	-.097	-.037
	X1.10	-.180	.560	-.105	-.065
	X1.11	-.097	-.105	.340	-.229
	X1.12	-.037	-.065	-.229	.385
Anti-image Correlation	X1.9	.855[a]	-.306	-.211	-.076
	X1.10	-.306	.849[a]	-.242	-.141
	X1.11	-.211	-.242	.717[a]	-.631
	X1.12	-.076	-.141	-.631	.731[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X1.9	1.000	.589
X1.10	1.000	.653
X1.11	1.000	.793
X1.12	1.000	.735

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
X1.9	.767
X1.10	.808
X1.11	.890
X1.12	.857

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.770	69.244	69.244	2.770	69.244	69.244
2	.569	14.233	83.477			
3	.441	11.029	94.506			
4	.220	5.494	100.000			

Extraction Method: Principal Component Analysis.

Uji Validitas *Customer Perceived Value*

Dimensi *Functional Value*

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.696
Bartlett's Test of Sphericity	Approx. Chi-Square	56.516
	df	6
	Sig.	.000

Anti-image Matrices

		X2.1	X2.2	X2.3	X2.4
Anti-image Covariance	X2.1	.484	-.271	-.079	.026
	X2.2	-.271	.457	-.052	-.045
	X2.3	-.079	-.052	.317	-.244
	X2.4	.026	-.045	-.244	.363
Anti-image Correlation	X2.1	.712[a]	-.577	-.202	.062
	X2.2	-.577	.740[a]	-.136	-.111
	X2.3	-.202	-.136	.679[a]	-.718
	X2.4	.062	-.111	-.718	.663[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X2.1	1.000	.624
X2.2	1.000	.682
X2.3	1.000	.765
X2.4	1.000	.673

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
X2.1	.790
X2.2	.826
X2.3	.875
X2.4	.820

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.743	68.585	68.585	2.743	68.585	68.585
2	.762	19.062	87.647			
3	.301	7.513	95.160			
4	.194	4.840	100.000			

Extraction Method: Principal Component Analysis.

Dimensi *Symbolic Value*

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.610
Bartlett's Test of Sphericity	Approx. Chi-Square	29.211
	df	3
	Sig.	.000

Anti-image Matrices

		X2.5	X2.6	X2.7
Anti-image Covariance	X2.5	.402	-.263	-.277
	X2.6	-.263	.609	.026
	X2.7	-.277	.026	.559
Anti-image Correlation	X2.5	.571[a]	-.532	-.584
	X2.6	-.532	.655[a]	.044
	X2.7	-.584	.044	.632[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
X2.5	1.000	.841
X2.6	1.000	.623
X2.7	1.000	.661

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
X2.5	.917
X2.6	.790
X2.7	.813

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.125	70.840	70.840	2.125	70.840	70.840
2	.613	20.427	91.267			
3	.262	8.733	100.000			

Extraction Method: Principal Component Analysis.

Uji Validitas Kepuasan Pasien

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.767
Bartlett's Test of Sphericity	Approx. Chi-Square	52.966
	df	6
	Sig.	.000

Anti-image Matrices

		Z1	Z2	Z3	Z4
Anti-image Covariance	Z1	.438	-.026	-.139	-.223
	Z2	-.026	.463	-.233	-.049
	Z3	-.139	-.233	.367	-.056
	Z4	-.223	-.049	-.056	.524
Anti-image Correlation	Z1	.774[a]	-.057	-.347	-.465
	Z2	-.057	.761[a]	-.564	-.099
	Z3	-.347	-.564	.737[a]	-.128
	Z4	-.465	-.099	-.128	.805[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
Z1	1.000	.729
Z2	1.000	.670
Z3	1.000	.778
Z4	1.000	.646

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
Z1	.854
Z2	.818
Z3	.882
Z4	.804

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.823	70.580	70.580	2.823	70.580	70.580
2	.593	14.834	85.414			
3	.338	8.458	93.872			
4	.245	6.128	100.000			

Extraction Method: Principal Component Analysis.

Uji Validitas Niat Melakukan MCU

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.833
Bartlett's Test of Sphericity	Approx. Chi-Square	74.882
	df	6
	Sig.	.000

Anti-image Matrices

		Y1	Y2	Y3	Y4
Anti-image Covariance	Y1	.399	-.075	-.092	-.100
	Y2	-.075	.254	-.112	-.149
	Y3	-.092	-.112	.458	-.035
	Y4	-.100	-.149	-.035	.283
Anti-image Correlation	Y1	.886[a]	-.236	-.214	-.298
	Y2	-.236	.784[a]	-.329	-.556
	Y3	-.214	-.329	.892[a]	-.097
	Y4	-.298	-.556	-.097	.801[a]

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
Y1	1.000	.761
Y2	1.000	.853
Y3	1.000	.711
Y4	1.000	.823

Extraction Method: Principal Component Analysis.

Component Matrix[a]

	Component 1
Y1	.873
Y2	.923
Y3	.843
Y4	.907

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.148	78.690	78.690	3.148	78.690	78.690
2	.381	9.525	88.215			
3	.302	7.546	95.760			
4	.170	4.240	100.000			

Extraction Method: Principal Component Analysis.

Lampiran 5. HASIL UJI RELIABILITAS

Uji Reliabilitas *Service Quality*

Dimensi *Interaction Quality*

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.795	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X1.1	9.23	2.323	.626	.733
X1.2	9.27	2.409	.607	.743
X1.3	9.27	2.547	.610	.743
X1.4	9.23	2.392	.583	.755

Dimensi *Physical Environment*

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.787	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X1.5	9.10	2.231	.588	.739
X1.6	9.20	2.303	.647	.711
X1.7	9.27	2.202	.614	.725
X1.8	9.23	2.392	.535	.764

Dimensi *Outcome Quality*

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.838	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X1.9	9.43	2.323	.608	.822
X1.10	9.53	2.120	.659	.804
X1.11	9.37	2.516	.777	.773
X1.12	9.57	2.116	.699	.782

Uji Reliabilitas *Customer Perceived Value*
Dimensi *Functional Value*

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.839	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X2.1	9.63	2.999	.645	.807
X2.2	9.70	2.769	.686	.790
X2.3	9.60	2.386	.728	.777
X2.4	9.17	3.316	.684	.805

Dimensi *Symbolic Value*

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.792	3

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
X2.5	6.53	1.085	.773	.559
X2.6	6.20	1.338	.556	.797
X2.7	6.47	1.292	.585	.769

Uji Reliabilitas Kepuasan Pasien

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.855	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Z1	9.50	2.741	.720	.813
Z2	9.23	2.392	.691	.819
Z3	9.30	2.079	.779	.783
Z4	9.27	2.823	.645	.838

Uji Reliabilitas Niat Melakukan MCU

Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded[a]	0	.0
	Total	30	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.900	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
Y1	9.23	3.633	.775	.883
Y2	9.77	2.737	.860	.839
Y3	9.50	3.569	.729	.891
Y4	9.60	2.593	.832	.859

Lampiran 6. HASIL UJI SEM LISREL 8.8

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                    DATE:  3/11/2023
                    TIME: 17:28

                  L I S R E L  8.80

                          BY

                Karl G. Jöreskog & Dag Sörbom


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The following lines were read from file
   C:\Users\isnug\OneDrive\Desktop\LISREL\kode34baru.pr2:

OBSERVED VARIABLE
SQ1-SQ12 CPV1-CPV7 KEP1-KEP4 BI1-BI4
COVARIANCE MATRIX FROM FILE C:\Users\isnug\OneDrive\Desktop\LISREL\data34.COV

LATENT VARIABLE SQ CPV KEP BI
SAMPLE SIZE 135
RELATIONSHIP

SQ1 = SQ
SQ2 = SQ
SQ3 = SQ
SQ4 = SQ
SQ5 = SQ
SQ6 = SQ
SQ7 = SQ
SQ8 = SQ
SQ9 = SQ
SQ10 = SQ
SQ11 = SQ
SQ12 = SQ

CPV1 = CPV
CPV2 = CPV
CPV3 = CPV
CPV4 = CPV
CPV5 = CPV
CPV6 = CPV
CPV7 = CPV

KEP1 = KEP
KEP2 = KEP
KEP3 = KEP
KEP4 = KEP

BI1 = BI
BI2 = BI
BI3 = BI
BI4 = BI
```

```
CPV = SQ
KEP = SQ
KEP = CPV
BI = KEP
BI = SQ
BI = CPV

Set Error covariance between SQ5 SQ7 free
Set Error covariance between SQ1 SQ3 free
Set Error covariance between SQ8 SQ10 free
Set Error covariance between SQ7 SQ9 free
Set Error covariance between SQ2 SQ7 free
Set Error covariance between SQ2 SQ8 free
Set Error covariance between SQ5 SQ11 free
Set Error covariance between KEP4 CPV5 free
Set Error covariance between BI1 CPV6 free
Set Error covariance between BI2 CPV7 free
Set Error covariance between KEP2 CPV3 free
Set Error covariance between BI4 BI2 free
Set Error covariance between KEP1 CPV2 free
Set Error covariance between BI1 KEP2 free


OPTIONS SS SC EF RS ND=4
PATH DIAGRAM
END OF PROGRAM

Sample Size =   135
```

Covariance Matrix

	CPV1	CPV2	CPV3	CPV4	CPV5	CPV6
CPV1	0.4627					
CPV2	0.3424	0.4627				
CPV3	0.2653	0.2768	0.4279			
CPV4	0.2482	0.2861	0.2392	0.4170		
CPV5	0.3257	0.3418	0.3022	0.2779	0.4756	
CPV6	0.2468	0.2615	0.2635	0.2530	0.2745	0.4174
CPV7	0.2890	0.2994	0.2505	0.2657	0.3001	0.2468
KEP1	0.2107	0.2585	0.1604	0.1805	0.1972	0.1545
KEP2	0.2249	0.2283	0.2928	0.2067	0.2376	0.2197
KEP3	0.2737	0.2882	0.2237	0.3344	0.2908	0.2389
KEP4	0.2652	0.2876	0.2620	0.2611	0.3543	0.2447
BI1	0.1989	0.2127	0.1905	0.1891	0.2258	0.2870
BI2	0.2353	0.2587	0.2204	0.2103	0.2250	0.2197
BI3	0.2351	0.2430	0.2187	0.1855	0.2363	0.2040
BI4	0.2728	0.2847	0.2202	0.2409	0.2862	0.2157
SQ1	0.2051	0.1835	0.1704	0.1761	0.2089	0.1675
SQ2	0.2364	0.2139	0.2240	0.1778	0.2438	0.1995
SQ3	0.2360	0.1911	0.1826	0.1958	0.1922	0.1571
SQ4	0.1938	0.1946	0.1821	0.1799	0.1931	0.1616
SQ5	0.2436	0.2154	0.1955	0.2244	0.2469	0.2017
SQ6	0.1972	0.1814	0.1709	0.1765	0.1900	0.1748
SQ7	0.1955	0.1731	0.1752	0.1440	0.2230	0.1599
SQ8	0.1996	0.2083	0.1693	0.1828	0.1972	0.1749
SQ9	0.2376	0.1939	0.1729	0.1716	0.2389	0.1709
SQ10	0.1843	0.1989	0.1833	0.1812	0.2246	0.1803
SQ11	0.2126	0.2058	0.1664	0.1810	0.2183	0.1554
SQ12	0.2531	0.2240	0.1959	0.1955	0.2593	0.2098

Covariance Matrix

	CPV7	KEP1	KEP2	KEP3	KEP4	BI1
CPV7	0.4518					
KEP1	0.2068	0.3630				
KEP2	0.2350	0.2467	0.4339			
KEP3	0.2612	0.2672	0.3025	0.4950		
KEP4	0.2547	0.2436	0.2906	0.3406	0.4293	
BI1	0.2505	0.2202	0.2628	0.2592	0.2524	0.4099
BI2	0.3005	0.2056	0.2187	0.2688	0.2559	0.2186
BI3	0.2293	0.2046	0.2261	0.2651	0.2146	0.2230
BI4	0.2509	0.2091	0.2102	0.2945	0.2883	0.2235
SQ1	0.2225	0.1450	0.1806	0.2138	0.1981	0.1648
SQ2	0.2158	0.1841	0.2429	0.2508	0.2561	0.2057
SQ3	0.1998	0.1690	0.1991	0.2442	0.2026	0.2074
SQ4	0.1751	0.1838	0.2015	0.2242	0.2189	0.1675
SQ5	0.2163	0.1771	0.1903	0.2529	0.2219	0.2142
SQ6	0.2002	0.1660	0.2097	0.2417	0.2146	0.1739
SQ7	0.1713	0.1486	0.1669	0.1711	0.1941	0.1634
SQ8	0.2078	0.1705	0.1737	0.1934	0.1668	0.1720
SQ9	0.2102	0.1918	0.1902	0.2347	0.2292	0.1763
SQ10	0.1846	0.1826	0.1874	0.2042	0.1999	0.1702
SQ11	0.2279	0.1972	0.1931	0.2297	0.2309	0.1461
SQ12	0.2482	0.1948	0.2137	0.2403	0.2568	0.2222

Covariance Matrix

	BI2	BI3	BI4	SQ1	SQ2	SQ3
BI2	0.3789					
BI3	0.1938	0.4343				
BI4	0.2780	0.2716	0.4577			
SQ1	0.1722	0.1710	0.1696	0.3910		
SQ2	0.2014	0.2387	0.2517	0.2369	0.4724	
SQ3	0.1565	0.2297	0.2270	0.2538	0.2416	0.4220
SQ4	0.1530	0.1840	0.2011	0.1822	0.2449	0.2209
SQ5	0.1655	0.1946	0.1857	0.2297	0.2522	0.2483
SQ6	0.1918	0.2515	0.2688	0.2273	0.2608	0.2308
SQ7	0.1197	0.1897	0.2011	0.1735	0.1608	0.2173
SQ8	0.1472	0.1891	0.2130	0.2124	0.1769	0.2473
SQ9	0.1810	0.2453	0.2646	0.1837	0.2620	0.2563
SQ10	0.1511	0.2181	0.2334	0.2174	0.2274	0.2161
SQ11	0.1889	0.2156	0.2612	0.2021	0.2668	0.2144
SQ12	0.2063	0.2430	0.2786	0.1854	0.2970	0.2419

Covariance Matrix

	SQ4	SQ5	SQ6	SQ7	SQ8	SQ9
SQ4	0.3630					
SQ5	0.2218	0.4127				
SQ6	0.2408	0.1924	0.4458			
SQ7	0.1635	0.2525	0.1897	0.3789		
SQ8	0.1849	0.2311	0.2266	0.2546	0.4210	
SQ9	0.2225	0.2314	0.2676	0.2659	0.2528	0.4724
SQ10	0.1822	0.1838	0.2328	0.2160	0.2699	0.2366
SQ11	0.2197	0.1596	0.2708	0.1998	0.2523	0.2814
SQ12	0.2398	0.2186	0.2991	0.2391	0.2590	0.3251

Covariance Matrix

	SQ10	SQ11	SQ12
SQ10	0.4099		

```
    SQ11      0.2297      0.4547
    SQ12      0.2594      0.3040      0.4990

Number of Iterations = 69

LISREL Estimates (Maximum Likelihood)

        Measurement Equations


    CPV1 = 0.5541*CPV, Errorvar.= 0.1557  , R² = 0.6635
                                (0.02187)
                                 7.1178

    CPV2 = 0.5855*CPV, Errorvar.= 0.1294  , R² = 0.7259
          (0.04944)             (0.01918)
           11.8435               6.7485

    CPV3 = 0.4973*CPV, Errorvar.= 0.1883  , R² = 0.5677
          (0.04934)             (0.02518)
           10.0798               7.4786

    CPV4 = 0.4962*CPV, Errorvar.= 0.1708  , R² = 0.5905
          (0.04890)             (0.02306)
           10.1473               7.4067

    CPV5 = 0.5711*CPV, Errorvar.= 0.1334  , R² = 0.7097
          (0.04875)             (0.01947)
           11.7160               6.8514

    CPV6 = 0.4790*CPV, Errorvar.= 0.1952  , R² = 0.5403
          (0.04974)             (0.02585)
           9.6301                7.5529

    CPV7 = 0.5119*CPV, Errorvar.= 0.1820  , R² = 0.5902
          (0.05015)             (0.02456)
           10.2078               7.4073

    KEP1 = 0.4559*KEP, Errorvar.= 0.1595  , R² = 0.5659
                                (0.02182)
                                 7.3070

    KEP2 = 0.5117*KEP, Errorvar.= 0.1804  , R² = 0.5921
          (0.05442)             (0.02458)
           9.4040                7.3402

    KEP3 = 0.6081*KEP, Errorvar.= 0.1252  , R² = 0.7470
          (0.05785)             (0.02033)
           10.5114               6.1601

    KEP4 = 0.5602*KEP, Errorvar.= 0.1172  , R² = 0.7281
          (0.05331)             (0.01861)
           10.5098               6.2989

     BI1 = 0.4520*BI, Errorvar.= 0.2075  , R² = 0.4961
                               (0.02728)
                                7.6068

     BI2 = 0.4445*BI, Errorvar.= 0.1746  , R² = 0.5309
          (0.05465)             (0.02376)
           8.1347                7.3479
```

```
      BI3 = 0.4736*BI, Errorvar.= 0.2100  , R² = 0.5164
           (0.05927)             (0.02837)
            7.9902                7.4020

      BI4 = 0.5339*BI, Errorvar.= 0.1726  , R² = 0.6228
           (0.06103)             (0.02548)
            8.7488                6.7767

      SQ1 = 0.4231*SQ, Errorvar.= 0.2120  , R² = 0.4578
           (0.04851)             (0.02729)
            8.7217                7.7695

      SQ2 = 0.5270*SQ, Errorvar.= 0.1875  , R² = 0.5969
           (0.05043)             (0.02531)
            10.4504               7.4113

      SQ3 = 0.4788*SQ, Errorvar.= 0.1928  , R² = 0.5432
           (0.04888)             (0.02533)
            9.7958                7.6103

      SQ4 = 0.4413*SQ, Errorvar.= 0.1683  , R² = 0.5364
           (0.04541)             (0.02202)
            9.7165                7.6402

      SQ5 = 0.4644*SQ, Errorvar.= 0.1929  , R² = 0.5278
           (0.04857)             (0.02539)
            9.5611                7.5988

      SQ6 = 0.4994*SQ, Errorvar.= 0.1963  , R² = 0.5596
           (0.04991)             (0.02588)
            10.0076               7.5864

      SQ7 = 0.4227*SQ, Errorvar.= 0.2022  , R² = 0.4691
           (0.04814)             (0.02630)
            8.7810                7.6913

      SQ8 = 0.4748*SQ, Errorvar.= 0.1955  , R² = 0.5356
           (0.04918)             (0.02593)
            9.6541                7.5391

      SQ9 = 0.5236*SQ, Errorvar.= 0.1983  , R² = 0.5802
           (0.05101)             (0.02639)
            10.2632               7.5156

     SQ10 = 0.4498*SQ, Errorvar.= 0.2077  , R² = 0.4934
           (0.04913)             (0.02706)
            9.1537                7.6733

     SQ11 = 0.5091*SQ, Errorvar.= 0.1956  , R² = 0.5699
           (0.05033)             (0.02610)
            10.1151               7.4943

     SQ12 = 0.5535*SQ, Errorvar.= 0.1926  , R² = 0.6139
           (0.05173)             (0.02591)
            10.6981               7.4341


Error Covariance for KEP1 and CPV2 = 0.05398
                                   (0.01530)
                                     3.5278

Error Covariance for KEP2 and CPV3 = 0.09900
```

(0.01933)
5.1223

Error Covariance for KEP4 and CPV5 = 0.07498
(0.01508)
4.9731

Error Covariance for BI1 and CPV6 = 0.09974
(0.02035)
4.9026

Error Covariance for BI1 and KEP2 = 0.04255
(0.01451)
2.9322

Error Covariance for BI2 and CPV7 = 0.07801
(0.01766)
4.4165

Error Covariance for BI4 and BI2 = 0.03965
(0.01726)
2.2968

Error Covariance for SQ3 and SQ1 = 0.05125
(0.01940)
2.6414

Error Covariance for SQ7 and SQ2 = -0.0483
(0.01686)
-2.8632

Error Covariance for SQ7 and SQ5 = 0.05600
(0.01864)
3.0037

Error Covariance for SQ8 and SQ2 = -0.0599
(0.01720)
-3.4816

Error Covariance for SQ9 and SQ7 = 0.04306
(0.01799)
2.3932

Error Covariance for SQ10 and SQ8 = 0.05627
(0.01966)
2.8627

Error Covariance for SQ11 and SQ5 = -0.0711
(0.01792)
-3.9700

Structural Equations

CPV = 0.7765*SQ, Errorvar.= 0.3970 , R^2 = 0.6030
(0.09014) (0.07825)
8.6142 5.0735

KEP = 0.5539*CPV + 0.3666*SQ, Errorvar.= 0.2434 , R^2 = 0.7566
(0.1076) (0.09736) (0.05550)
5.1481 3.7650 4.3862

BI = 0.3253*CPV + 0.5001*KEP + 0.2078*SQ, Errorvar.= 0.05757 , R^2 = 0.9424
(0.1102) (0.1255) (0.09535) (0.04052)
2.9510 3.9845 2.1793 1.4207

Reduced Form Equations

CPV = 0.7765*SQ, Errorvar.= 0.3970, R^2 = 0.6030
(0.09014)
8.6142

KEP = 0.7967*SQ, Errorvar.= 0.3653, R^2 = 0.6347
(0.09736)
8.1827

BI = 0.8588*SQ, Errorvar.= 0.2625, R^2 = 0.7375
(0.1056)
8.1306

Correlation Matrix of Independent Variables

	SQ
	1.0000

Covariance Matrix of Latent Variables

	CPV	KEP	BI	SQ
CPV	1.0000			
KEP	0.8386	1.0000		
BI	0.9060	0.9384	1.0000	
SQ	0.7765	0.7967	0.8588	1.0000

Goodness of Fit Statistics

Degrees of Freedom = 304
Minimum Fit Function Chi-Square = 407.4193 (P = 0.0001)
Normal Theory Weighted Least Squares Chi-Square = 381.3702 (P = 0.001685)
Estimated Non-centrality Parameter (NCP) = 77.3702
90 Percent Confidence Interval for NCP = (31.5937 ; 131.3061)

Minimum Fit Function Value = 3.0404
Population Discrepancy Function Value (F0) = 0.5774
90 Percent Confidence Interval for F0 = (0.2358 ; 0.9799)
Root Mean Square Error of Approximation (RMSEA) = 0.04358
90 Percent Confidence Interval for RMSEA = (0.02785 ; 0.05677)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.7758

Expected Cross-Validation Index (ECVI) = 3.9505
90 Percent Confidence Interval for ECVI = (3.6089 ; 4.3530)
ECVI for Saturated Model = 5.6418
ECVI for Independence Model = 94.0084

Chi-Square for Independence Model with 351 Degrees of Freedom = 12543.1284
Independence AIC = 12597.1284
Model AIC = 529.3702
Saturated AIC = 756.0000
Independence CAIC = 12702.5708
Model CAIC = 818.3605
Saturated CAIC = 2232.1939

Normed Fit Index (NFI) = 0.9675
Non-Normed Fit Index (NNFI) = 0.9902
Parsimony Normed Fit Index (PNFI) = 0.8380
Comparative Fit Index (CFI) = 0.9915

Incremental Fit Index (IFI) = 0.9916
Relative Fit Index (RFI) = 0.9625

Critical N (CN) = 120.8137

Root Mean Square Residual (RMR) = 0.01866
Standardized RMR = 0.04330
Goodness of Fit Index (GFI) = 0.8259
Adjusted Goodness of Fit Index (AGFI) = 0.7835
Parsimony Goodness of Fit Index (PGFI) = 0.6642

Fitted Covariance Matrix

	CPV1	CPV2	CPV3	CPV4	CPV5	CPV6
CPV1	0.4627					
CPV2	0.3244	0.4723				
CPV3	0.2756	0.2912	0.4357			
CPV4	0.2750	0.2906	0.2468	0.4170		
CPV5	0.3164	0.3344	0.2840	0.2834	0.4596	
CPV6	0.2654	0.2805	0.2382	0.2377	0.2736	0.4247
CPV7	0.2836	0.2997	0.2546	0.2540	0.2924	0.2452
KEP1	0.2118	0.2778	0.1901	0.1897	0.2184	0.1831
KEP2	0.2378	0.2513	0.3124	0.2129	0.2451	0.2056
KEP3	0.2825	0.2986	0.2536	0.2530	0.2912	0.2443
KEP4	0.2603	0.2751	0.2336	0.2331	0.3433	0.2251
BI1	0.2269	0.2398	0.2037	0.2032	0.2339	0.2959
BI2	0.2232	0.2358	0.2003	0.1999	0.2300	0.1929
BI3	0.2377	0.2512	0.2134	0.2129	0.2450	0.2055
BI4	0.2680	0.2832	0.2406	0.2400	0.2763	0.2317
SQ1	0.1820	0.1924	0.1634	0.1630	0.1876	0.1574
SQ2	0.2267	0.2396	0.2035	0.2031	0.2337	0.1960
SQ3	0.2060	0.2177	0.1849	0.1845	0.2123	0.1781
SQ4	0.1899	0.2006	0.1704	0.1700	0.1957	0.1641
SQ5	0.1998	0.2112	0.1793	0.1790	0.2060	0.1728
SQ6	0.2149	0.2271	0.1929	0.1924	0.2215	0.1858
SQ7	0.1819	0.1922	0.1632	0.1629	0.1875	0.1572
SQ8	0.2043	0.2159	0.1834	0.1830	0.2106	0.1766
SQ9	0.2253	0.2380	0.2022	0.2017	0.2322	0.1948
SQ10	0.1935	0.2045	0.1737	0.1733	0.1995	0.1673
SQ11	0.2190	0.2315	0.1966	0.1962	0.2258	0.1894
SQ12	0.2381	0.2516	0.2137	0.2133	0.2454	0.2059

Fitted Covariance Matrix

	CPV7	KEP1	KEP2	KEP3	KEP4	BI1
CPV7	0.4440					
KEP1	0.1957	0.3673				
KEP2	0.2197	0.2333	0.4423			
KEP3	0.2610	0.2772	0.3112	0.4950		
KEP4	0.2405	0.2554	0.2867	0.3407	0.4311	
BI1	0.2096	0.1934	0.2596	0.2579	0.2376	0.4118
BI2	0.2842	0.1902	0.2135	0.2536	0.2337	0.2009
BI3	0.2196	0.2026	0.2274	0.2702	0.2490	0.2141
BI4	0.2476	0.2284	0.2564	0.3047	0.2807	0.2413
SQ1	0.1682	0.1537	0.1725	0.2050	0.1888	0.1642
SQ2	0.2095	0.1914	0.2148	0.2553	0.2352	0.2046
SQ3	0.1903	0.1739	0.1952	0.2319	0.2137	0.1859
SQ4	0.1754	0.1603	0.1799	0.2138	0.1969	0.1713
SQ5	0.1846	0.1687	0.1893	0.2250	0.2073	0.1803
SQ6	0.1985	0.1814	0.2036	0.2419	0.2229	0.1939
SQ7	0.1680	0.1535	0.1723	0.2048	0.1887	0.1641
SQ8	0.1888	0.1725	0.1936	0.2300	0.2119	0.1843

SQ9	0.2081	0.1902	0.2135	0.2536	0.2337	0.2032
SQ10	0.1788	0.1634	0.1834	0.2179	0.2007	0.1746
SQ11	0.2024	0.1849	0.2075	0.2466	0.2272	0.1976
SQ12	0.2200	0.2010	0.2256	0.2681	0.2470	0.2148

Fitted Covariance Matrix

	BI2	BI3	BI4	SQ1	SQ2	SQ3
BI2	0.3722					
BI3	0.2105	0.4343				
BI4	0.2770	0.2528	0.4577			
SQ1	0.1615	0.1721	0.1940	0.3910		
SQ2	0.2012	0.2143	0.2416	0.2230	0.4652	
SQ3	0.1828	0.1947	0.2195	0.2538	0.2523	0.4220
SQ4	0.1685	0.1795	0.2023	0.1867	0.2325	0.2113
SQ5	0.1773	0.1889	0.2129	0.1965	0.2447	0.2223
SQ6	0.1907	0.2031	0.2290	0.2113	0.2632	0.2391
SQ7	0.1614	0.1719	0.1938	0.1788	0.1745	0.2024
SQ8	0.1813	0.1931	0.2177	0.2009	0.1903	0.2273
SQ9	0.1999	0.2129	0.2401	0.2215	0.2759	0.2507
SQ10	0.1717	0.1829	0.2062	0.1903	0.2370	0.2153
SQ11	0.1943	0.2070	0.2334	0.2154	0.2683	0.2437
SQ12	0.2113	0.2251	0.2538	0.2342	0.2917	0.2650

Fitted Covariance Matrix

	SQ4	SQ5	SQ6	SQ7	SQ8	SQ9
SQ4	0.3630					
SQ5	0.2049	0.4086				
SQ6	0.2204	0.2319	0.4458			
SQ7	0.1865	0.2523	0.2111	0.3809		
SQ8	0.2095	0.2205	0.2371	0.2007	0.4210	
SQ9	0.2310	0.2431	0.2615	0.2644	0.2486	0.4724
SQ10	0.1985	0.2089	0.2246	0.1901	0.2698	0.2355
SQ11	0.2246	0.1653	0.2542	0.2152	0.2417	0.2665
SQ12	0.2442	0.2570	0.2764	0.2339	0.2628	0.2898

Fitted Covariance Matrix

	SQ10	SQ11	SQ12
SQ10	0.4099		
SQ11	0.2290	0.4547	
SQ12	0.2489	0.2817	0.4989

Fitted Residuals

	CPV1	CPV2	CPV3	CPV4	CPV5	CPV6
CPV1	0.0000					
CPV2	0.0180	-0.0096				
CPV3	-0.0102	-0.0144	-0.0078			
CPV4	-0.0268	-0.0044	-0.0076	0.0000		
CPV5	0.0092	0.0074	0.0182	-0.0055	0.0160	
CPV6	-0.0186	-0.0190	0.0252	0.0153	0.0010	-0.0073
CPV7	0.0054	-0.0003	-0.0041	0.0117	0.0078	0.0016
KEP1	-0.0011	-0.0194	-0.0297	-0.0093	-0.0211	-0.0286
KEP2	-0.0128	-0.0230	-0.0196	-0.0062	-0.0075	0.0141
KEP3	-0.0088	-0.0103	-0.0299	0.0814	-0.0004	-0.0054
KEP4	0.0049	0.0125	0.0284	0.0280	0.0110	0.0197
BI1	-0.0280	-0.0271	-0.0131	-0.0141	-0.0081	-0.0089
BI2	0.0121	0.0229	0.0201	0.0104	-0.0050	0.0268
BI3	-0.0027	-0.0082	0.0053	-0.0274	-0.0087	-0.0015

BI4	0.0048	0.0015	-0.0203	0.0009	0.0099	-0.0160
SQ1	0.0230	-0.0089	0.0070	0.0131	0.0213	0.0101
SQ2	0.0096	-0.0257	0.0205	-0.0252	0.0101	0.0035
SQ3	0.0300	-0.0265	-0.0023	0.0113	-0.0201	-0.0210
SQ4	0.0040	-0.0061	0.0117	0.0099	-0.0026	-0.0025
SQ5	0.0438	0.0042	0.0162	0.0455	0.0409	0.0289
SQ6	-0.0177	-0.0456	-0.0220	-0.0159	-0.0315	-0.0109
SQ7	0.0137	-0.0191	0.0120	-0.0189	0.0356	0.0027
SQ8	-0.0047	-0.0076	-0.0141	-0.0002	-0.0134	-0.0017
SQ9	0.0124	-0.0441	-0.0293	-0.0302	0.0067	-0.0239
SQ10	-0.0093	-0.0056	0.0096	0.0079	0.0251	0.0130
SQ11	-0.0064	-0.0256	-0.0302	-0.0151	-0.0074	-0.0339
SQ12	0.0150	-0.0276	-0.0178	-0.0177	0.0138	0.0039

Fitted Residuals

	CPV7	KEP1	KEP2	KEP3	KEP4	BI1
CPV7	0.0078					
KEP1	0.0111	-0.0044				
KEP2	0.0153	0.0134	-0.0084			
KEP3	0.0002	-0.0100	-0.0087	0.0000		
KEP4	0.0142	-0.0118	0.0039	-0.0001	-0.0018	
BI1	0.0408	0.0268	0.0032	0.0013	0.0147	-0.0019
BI2	0.0163	0.0154	0.0053	0.0152	0.0222	0.0176
BI3	0.0097	0.0020	-0.0013	-0.0051	-0.0344	0.0089
BI4	0.0033	-0.0194	-0.0462	-0.0101	0.0076	-0.0178
SQ1	0.0543	-0.0087	0.0081	0.0088	0.0093	0.0006
SQ2	0.0064	-0.0073	0.0281	-0.0045	0.0209	0.0012
SQ3	0.0095	-0.0049	0.0040	0.0123	-0.0111	0.0216
SQ4	-0.0003	0.0235	0.0216	0.0104	0.0220	-0.0038
SQ5	0.0317	0.0084	0.0009	0.0279	0.0147	0.0339
SQ6	0.0017	-0.0155	0.0061	-0.0002	-0.0083	-0.0200
SQ7	0.0033	-0.0050	-0.0054	-0.0337	0.0054	-0.0007
SQ8	0.0191	-0.0020	-0.0199	-0.0366	-0.0451	-0.0123
SQ9	0.0020	0.0016	-0.0232	-0.0189	-0.0045	-0.0270
SQ10	0.0058	0.0192	0.0040	-0.0137	-0.0008	-0.0044
SQ11	0.0255	0.0123	-0.0145	-0.0169	0.0037	-0.0515
SQ12	0.0282	-0.0062	-0.0119	-0.0278	0.0097	0.0073

Fitted Residuals

	BI2	BI3	BI4	SQ1	SQ2	SQ3
BI2	0.0067					
BI3	-0.0168	0.0000				
BI4	0.0010	0.0188	0.0000			
SQ1	0.0107	-0.0011	-0.0244	0.0000		
SQ2	0.0003	0.0244	0.0101	0.0140	0.0072	
SQ3	-0.0263	0.0350	0.0075	0.0000	-0.0107	0.0000
SQ4	-0.0155	0.0045	-0.0013	-0.0045	0.0123	0.0097
SQ5	-0.0118	0.0057	-0.0272	0.0332	0.0075	0.0260
SQ6	0.0011	0.0484	0.0398	0.0160	-0.0024	-0.0083
SQ7	-0.0417	0.0178	0.0072	-0.0054	-0.0136	0.0149
SQ8	-0.0341	-0.0040	-0.0047	0.0115	-0.0134	0.0200
SQ9	-0.0188	0.0323	0.0245	-0.0378	-0.0139	0.0056
SQ10	-0.0206	0.0352	0.0272	0.0271	-0.0096	0.0007
SQ11	-0.0055	0.0086	0.0278	-0.0132	-0.0015	-0.0293
SQ12	-0.0050	0.0179	0.0248	-0.0487	0.0054	-0.0231

Fitted Residuals

	SQ4	SQ5	SQ6	SQ7	SQ8	SQ9
SQ4	0.0000					

SQ5	0.0169	0.0041				
SQ6	0.0204	-0.0396	0.0000			
SQ7	-0.0230	0.0002	-0.0214	-0.0020		
SQ8	-0.0246	0.0106	-0.0105	0.0539	0.0000	
SQ9	-0.0086	-0.0118	0.0062	0.0015	0.0042	0.0000
SQ10	-0.0163	-0.0251	0.0082	0.0259	0.0001	0.0011
SQ11	-0.0050	-0.0057	0.0166	-0.0154	0.0106	0.0149
SQ12	-0.0044	-0.0385	0.0227	0.0051	-0.0038	0.0353

Fitted Residuals

	SQ10	SQ11	SQ12
SQ10	0.0000		
SQ11	0.0008	0.0000	
SQ12	0.0105	0.0223	0.0000

Summary Statistics for Fitted Residuals

```
Smallest Fitted Residual =   -0.0515
  Median Fitted Residual =    0.0000
 Largest Fitted Residual =    0.0814
```

Stemleaf Plot

```
- 5|2
- 4|9665420
- 3|887444420000
- 2|9998887777766655544433332111100000
- 1|99999999888877666555544444443333322222111100000000
- 0|99999999988888888777766666655555555555555544444444433322222221111111000+22
  0|11111111111222222333334444444445555555556666667777777778888888999999
  1|00000000000001111111222222222333444445555555556666677888889999
  2|000011122222333445555667777888888 9
  3|022345556
  4|011458
  5|44
  6|
  7|
  8|1
```

Standardized Residuals

	CPV1	CPV2	CPV3	CPV4	CPV5	CPV6
CPV1	- -					
CPV2	1.7429	-1.6003				
CPV3	-0.7272	-1.1264	-0.8382			
CPV4	-2.1978	-0.3998	-0.5184	- -		
CPV5	0.8333	0.7314	1.3989	-0.4668	1.9406	
CPV6	-1.3561	-1.5117	1.5875	1.0503	0.0726	-1.2979
CPV7	0.4157	-0.0276	-0.2634	0.8461	0.6213	0.1049
KEP1	-0.0637	-1.6200	-1.6072	-0.5201	-1.3102	-1.5105
KEP2	-0.6801	-1.3085	-1.2779	-0.3228	-0.4308	0.6951
KEP3	-0.5302	-0.6844	-1.6570	4.7433	-0.0241	-0.2895
KEP4	0.3160	0.8878	1.6830	1.7330	0.9538	1.1249
BI1	-1.6255	-1.6873	-0.6819	-0.7930	-0.4982	-0.8323
BI2	0.7691	1.5587	1.1366	0.6357	-0.3323	1.5552
BI3	-0.1544	-0.5084	0.2738	-1.5264	-0.5320	-0.0791
BI4	0.3027	0.1005	-1.1246	0.0523	0.6621	-0.9205
SQ1	1.0630	-0.4268	0.3093	0.6032	1.0169	0.4434
SQ2	0.4564	-1.2745	0.9097	-1.1825	0.4972	0.1541
SQ3	1.4215	-1.3123	-0.1020	0.5311	-0.9898	-0.9395
SQ4	0.2023	-0.3205	0.5610	0.4977	-0.1379	-0.1224
SQ5	2.0940	0.2092	0.7294	2.1582	2.0286	1.3057

SQ6	-0.8285	-2.2263	-0.9653	-0.7381	-1.5296	-0.4826
SQ7	0.6490	-0.9427	0.5408	-0.8957	1.7527	0.1212
SQ8	-0.2226	-0.3753	-0.6276	-0.0074	-0.6578	-0.0781
SQ9	0.5721	-2.1315	-1.2696	-1.3830	0.3224	-1.0382
SQ10	-0.4290	-0.2690	0.4221	0.3634	1.2067	0.5714
SQ11	-0.3012	-1.2521	-1.3271	-0.7016	-0.3597	-1.4932
SQ12	0.6961	-1.3419	-0.7706	-0.8126	0.6663	0.1689

Standardized Residuals

	CPV7	KEP1	KEP2	KEP3	KEP4	BI1
CPV7	1.4407					
KEP1	0.6031	-0.8803				
KEP2	0.7649	0.9760	-0.7668			
KEP3	0.0101	-1.0009	-0.7322	- -		
KEP4	0.8476	-1.1432	0.3246	-0.0110	-0.2136	
BI1	2.2354	1.6418	0.2366	0.0879	1.0313	-0.2424
BI2	1.6756	1.0268	0.3261	1.1445	1.7080	1.1941
BI3	0.5242	0.1256	-0.0763	-0.3637	-2.4539	0.5481
BI4	0.1941	-1.3121	-2.9079	-0.8148	0.6053	-1.2698
SQ1	2.4171	-0.4281	0.3696	0.4398	0.4825	0.0278
SQ2	0.2873	-0.3691	1.3040	-0.2360	1.1317	0.0566
SQ3	0.4331	-0.2487	0.1844	0.6336	-0.5951	1.0576
SQ4	-0.0139	1.2763	1.0810	0.5778	1.2653	-0.1975
SQ5	1.4527	0.4275	0.0446	1.4520	0.7929	1.6724
SQ6	0.0755	-0.7699	0.2807	-0.0125	-0.4428	-0.9672
SQ7	0.1501	-0.2522	-0.2529	-1.7315	0.2915	-0.0325
SQ8	0.8672	-0.1002	-0.9281	-1.8937	-2.4237	-0.6047
SQ9	0.0897	0.0781	-1.0545	-0.9588	-0.2358	-1.2914
SQ10	0.2601	0.9514	0.1832	-0.6854	-0.0433	-0.2097
SQ11	1.1415	0.6143	-0.6650	-0.8667	0.1944	-2.4955
SQ12	1.2478	-0.3047	-0.5424	-1.4270	0.5162	0.3519

Standardized Residuals

	BI2	BI3	BI4	SQ1	SQ2	SQ3
BI2	1.1816					
BI3	-1.1729	- -				
BI4	0.1474	1.4370	- -			
SQ1	0.5507	-0.0522	-1.2394	- -		
SQ2	0.0144	1.2035	0.5369	0.8812	2.6366	
SQ3	-1.4045	1.7195	0.3953	- -	-0.7170	- -
SQ4	-0.8844	0.2391	-0.0721	-0.2977	0.8851	0.6723
SQ5	-0.6315	0.2840	-1.4457	2.0447	0.5040	1.7007
SQ6	0.0599	2.3508	2.0794	0.9776	-0.1576	-0.5396
SQ7	-2.2211	0.8713	0.3807	-0.3208	-1.9923	0.9569
SQ8	-1.8168	-0.1972	-0.2476	0.7017	-2.3058	1.3046
SQ9	-0.9814	1.5558	1.2699	-2.3039	-0.9310	0.3631
SQ10	-1.0695	1.6850	1.3954	1.5927	-0.6174	0.0465
SQ11	-0.2877	0.4163	1.4568	-0.8127	-0.1000	-1.9134
SQ12	-0.2598	0.8664	1.2971	-3.0369	0.3684	-1.5304

Standardized Residuals

	SQ4	SQ5	SQ6	SQ7	SQ8	SQ9
SQ4	- -					
SQ5	1.1818	1.2578				
SQ6	1.4094	-2.5768	- -			
SQ7	-1.5737	0.0266	-1.3655	-0.5614		
SQ8	-1.7156	0.6914	-0.6822	3.4467	0.0115	
SQ9	-0.5926	-0.7691	0.3961	0.2316	0.2721	- -
SQ10	-1.0845	-1.5742	0.5085	1.5812	0.0115	0.0692

SQ11	-0.3468	-1.2578	1.0750	-0.9880	0.6915	0.9689
SQ12	-0.3129	-2.5665	1.4930	0.3348	-0.2552	2.3249

Standardized Residuals

	SQ10	SQ11	SQ12
SQ10	- -		
SQ11	0.0476	- -	
SQ12	0.6640	1.4784	- -

Summary Statistics for Standardized Residuals

```
Smallest Standardized Residual =   -3.0369
  Median Standardized Residual =    0.0000
 Largest Standardized Residual =    4.7433
```

Stemleaf Plot

```
- 3|0
- 2|96655
- 2|43322210
- 1|9987777666666555555
- 1|444444333333333333332221111110000000
- 0|99999999988888888887777777777776666666555555555
- 0|444444444433333333333333332222222222221111111111000000000000000000000000+09
  0|11111111111112222222222223333333333333344444444444444
  0|55555555555566666666666677777777778888889999999
  1|00000000011111111112222223333333344444
  1|55555666666677777777789
  2|001122344
  2|6
  3|4
  3|
  4|
  4|7
Largest Negative Standardized Residuals
Residual for      BI4 and     KEP2  -2.9079
Residual for      SQ6 and      SQ5  -2.5768
Residual for     SQ12 and      SQ1  -3.0369
Largest Positive Standardized Residuals
Residual for     KEP3 and     CPV4   4.7433
Residual for      SQ2 and      SQ2   2.6366
Residual for      SQ8 and      SQ7   3.4467
```

Qplot of Standardized Residuals

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
KEP3	CPV4	31.2	0.08
BI3	KEP4	8.0	-0.04
SQ5	BI4	8.0	-0.04

Standardized Solution

LAMBDA-Y

	CPV	KEP	BI
CPV1	0.5541	- -	- -
CPV2	0.5855	- -	- -
CPV3	0.4973	- -	- -
CPV4	0.4962	- -	- -
CPV5	0.5711	- -	- -
CPV6	0.4790	- -	- -
CPV7	0.5119	- -	- -
KEP1	- -	0.4559	- -
KEP2	- -	0.5117	- -
KEP3	- -	0.6081	- -
KEP4	- -	0.5602	- -
BI1	- -	- -	0.4520
BI2	- -	- -	0.4445
BI3	- -	- -	0.4736
BI4	- -	- -	0.5339

LAMBDA-X

	SQ

SQ1	0.4231
SQ2	0.5270
SQ3	0.4788
SQ4	0.4413
SQ5	0.4644
SQ6	0.4994
SQ7	0.4227
SQ8	0.4748
SQ9	0.5236
SQ10	0.4498
SQ11	0.5091
SQ12	0.5535

BETA

	CPV	KEP	BI
CPV	- -	- -	- -
KEP	0.5539	- -	- -
BI	0.3253	0.5001	- -

GAMMA

	SQ
CPV	0.7765
KEP	0.3666
BI	0.2078

Correlation Matrix of ETA and KSI

	CPV	KEP	BI	SQ
CPV	1.0000			
KEP	0.8386	1.0000		
BI	0.9060	0.9384	1.0000	
SQ	0.7765	0.7967	0.8588	1.0000

PSI

Note: This matrix is diagonal.

CPV	KEP	BI
0.3970	0.2434	0.0576

Regression Matrix ETA on KSI (Standardized)

	SQ
CPV	0.7765
KEP	0.7967
BI	0.8588

Completely Standardized Solution

LAMBDA-Y

	CPV	KEP	BI
CPV1	0.8146	- -	- -
CPV2	0.8520	- -	- -
CPV3	0.7535	- -	- -

CPV4	0.7684	- -	- -
CPV5	0.8424	- -	- -
CPV6	0.7351	- -	- -
CPV7	0.7682	- -	- -
KEP1	- -	0.7523	- -
KEP2	- -	0.7695	- -
KEP3	- -	0.8643	- -
KEP4	- -	0.8533	- -
BI1	- -	- -	0.7043
BI2	- -	- -	0.7286
BI3	- -	- -	0.7186
BI4	- -	- -	0.7892

LAMBDA-X

	SQ
SQ1	0.6766
SQ2	0.7726
SQ3	0.7370
SQ4	0.7324
SQ5	0.7265
SQ6	0.7480
SQ7	0.6849
SQ8	0.7318
SQ9	0.7617
SQ10	0.7025
SQ11	0.7549
SQ12	0.7835

BETA

	CPV	KEP	BI
CPV	- -	- -	- -
KEP	0.5539	- -	- -
BI	0.3253	0.5001	- -

GAMMA

	SQ
CPV	0.7765
KEP	0.3666
BI	0.2078

Correlation Matrix of ETA and KSI

	CPV	KEP	BI	SQ
CPV	1.0000			
KEP	0.8386	1.0000		
BI	0.9060	0.9384	1.0000	
SQ	0.7765	0.7967	0.8588	1.0000

PSI
Note: This matrix is diagonal.

CPV	KEP	BI
0.3970	0.2434	0.0576

THETA-EPS

CPV1	CPV2	CPV3	CPV4	CPV5	CPV6

CPV1	0.3365					
CPV2	- -	0.2741				
CPV3	- -	- -	0.4323			
CPV4	- -	- -	- -	0.4095		
CPV5	- -	- -	- -	- -	0.2903	
CPV6	- -	- -	- -	- -	- -	0.4597
CPV7	- -	- -	- -	- -	- -	- -
KEP1	- -	0.1296	- -	- -	- -	- -
KEP2	- -	- -	0.2255	- -	- -	- -
KEP3	- -	- -	- -	- -	- -	- -
KEP4	- -	- -	- -	- -	0.1685	- -
BI1	- -	- -	- -	- -	- -	0.2385
BI2	- -	- -	- -	- -	- -	- -
BI3	- -	- -	- -	- -	- -	- -
BI4	- -	- -	- -	- -	- -	- -

THETA-EPS

	CPV7	KEP1	KEP2	KEP3	KEP4	BI1
CPV7	0.4098					
KEP1	- -	0.4341				
KEP2	- -	- -	0.4079			
KEP3	- -	- -	- -	0.2530		
KEP4	- -	- -	- -	- -	0.2719	
BI1	- -	- -	0.0997	- -	- -	0.5039
BI2	0.1919	- -	- -	- -	- -	- -
BI3	- -	- -	- -	- -	- -	- -
BI4	- -	- -	- -	- -	- -	- -

THETA-EPS

	BI2	BI3	BI4
BI2	0.4691		
BI3	- -	0.4836	
BI4	0.0961	- -	0.3772

THETA-DELTA

	SQ1	SQ2	SQ3	SQ4	SQ5	SQ6
SQ1	0.5422					
SQ2	- -	0.4031				
SQ3	0.1262	- -	0.4568			
SQ4	- -	- -	- -	0.4636		
SQ5	- -	- -	- -	- -	0.4722	
SQ6	- -	- -	- -	- -	- -	0.4404
SQ7	- -	-0.1147	- -	- -	0.1420	- -
SQ8	- -	-0.1353	- -	- -	- -	- -
SQ9	- -	- -	- -	- -	- -	- -
SQ10	- -	- -	- -	- -	- -	- -
SQ11	- -	- -	- -	- -	-0.1650	- -
SQ12	- -	- -	- -	- -	- -	- -

THETA-DELTA

	SQ7	SQ8	SQ9	SQ10	SQ11	SQ12
SQ7	0.5309					
SQ8	- -	0.4644				
SQ9	0.1015	- -	0.4198			
SQ10	- -	0.1355	- -	0.5066		
SQ11	- -	- -	- -	- -	0.4301	

SQ12	- -	- -	- -	- -	0.3861

Regression Matrix ETA on KSI (Standardized)

	SQ
CPV	0.7765
KEP	0.7967
BI	0.8588

Total and Indirect Effects

Total Effects of KSI on ETA

	SQ
CPV	0.7765
	(0.0901)
	8.6142
KEP	0.7967
	(0.0974)
	8.1827
BI	0.8588
	(0.1056)
	8.1306

Indirect Effects of KSI on ETA

	SQ
CPV	- -
KEP	0.4301
	(0.0886)
	4.8573
BI	0.6510
	(0.1111)
	5.8618

Total Effects of ETA on ETA

	CPV	KEP	BI
CPV	- -	- -	- -
KEP	0.5539	- -	- -
	(0.1076)		
	5.1481		
BI	0.6023	0.5001	- -
	(0.1117)	(0.1255)	
	5.3930	3.9845	

Largest Eigenvalue of B*B' (Stability Index) is 0.513

Indirect Effects of ETA on ETA

	CPV	KEP	BI
CPV	- -	- -	- -
KEP	- -	- -	- -
BI	0.2770	- -	- -
	(0.0822)		
	3.3690		

Total Effects of ETA on Y

	CPV	KEP	BI
CPV1	0.5541	- -	- -
CPV2	0.5855	- -	- -
	(0.0494)		
	11.8435		
CPV3	0.4973	- -	- -
	(0.0493)		
	10.0798		
CPV4	0.4962	- -	- -
	(0.0489)		
	10.1473		
CPV5	0.5711	- -	- -
	(0.0487)		
	11.7160		
CPV6	0.4790	- -	- -
	(0.0497)		
	9.6301		
CPV7	0.5119	- -	- -
	(0.0502)		
	10.2078		
KEP1	0.2526	0.4559	- -
	(0.0491)		
	5.1481		
KEP2	0.2835	0.5117	- -
	(0.0546)	(0.0544)	
	5.1928	9.4040	
KEP3	0.3368	0.6081	- -
	(0.0616)	(0.0578)	
	5.4638	10.5114	
KEP4	0.3103	0.5602	- -
	(0.0580)	(0.0533)	
	5.3470	10.5098	
BI1	0.2722	0.2260	0.4520
	(0.0505)	(0.0567)	
	5.3930	3.9845	
BI2	0.2677	0.2223	0.4445
	(0.0487)	(0.0552)	(0.0546)
	5.5027	4.0253	8.1347
BI3	0.2852	0.2368	0.4736
	(0.0516)	(0.0595)	(0.0593)
	5.5223	3.9831	7.9902
BI4	0.3216	0.2670	0.5339
	(0.0558)	(0.0656)	(0.0610)
	5.7623	4.0689	8.7488

Indirect Effects of ETA on Y

	CPV	KEP	BI
CPV1	- -	- -	- -
CPV2	- -	- -	- -
CPV3	- -	- -	- -
CPV4	- -	- -	- -
CPV5	- -	- -	- -
CPV6	- -	- -	- -
CPV7	- -	- -	- -
KEP1	0.2526	- -	- -
	(0.0491)		
	5.1481		
KEP2	0.2835	- -	- -
	(0.0546)		
	5.1928		
KEP3	0.3368	- -	- -

	(0.0616)		
	5.4638		
KEP4	0.3103	- -	- -
	(0.0580)		
	5.3470		
BI1	0.2722	0.2260	- -
	(0.0505)	(0.0567)	
	5.3930	3.9845	
BI2	0.2677	0.2223	- -
	(0.0487)	(0.0552)	
	5.5027	4.0253	
BI3	0.2852	0.2368	- -
	(0.0516)	(0.0595)	
	5.5223	3.9831	
BI4	0.3216	0.2670	- -
	(0.0558)	(0.0656)	
	5.7623	4.0689	

Total Effects of KSI on Y

	SQ
CPV1	0.4303
	(0.0499)
	8.6142
CPV2	0.4547
	(0.0506)
	8.9932
CPV3	0.3862
	(0.0475)
	8.1370
CPV4	0.3853
	(0.0471)
	8.1760
CPV5	0.4435
	(0.0497)
	8.9286
CPV6	0.3720
	(0.0471)
	7.8895
CPV7	0.3975
	(0.0485)
	8.1991
KEP1	0.3632
	(0.0444)
	8.1827
KEP2	0.4077
	(0.0484)
	8.4186
KEP3	0.4844
	(0.0522)
	9.2716
KEP4	0.4463
	(0.0484)
	9.2250
BI1	0.3882
	(0.0477)
	8.1306
BI2	0.3818
	(0.0455)
	8.3977
BI3	0.4067
	(0.0494)
	8.2254
BI4	0.4585

(0.0504)
9.0958

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	SQ
CPV	0.7765
KEP	0.7967
BI	0.8588

Standardized Indirect Effects of KSI on ETA

	SQ
CPV	- -
KEP	0.4301
BI	0.6510

Standardized Total Effects of ETA on ETA

	CPV	KEP	BI
CPV	- -	- -	- -
KEP	0.5539	- -	- -
BI	0.6023	0.5001	- -

Standardized Indirect Effects of ETA on ETA

	CPV	KEP	BI
CPV	- -	- -	- -
KEP	- -	- -	- -
BI	0.2770	- -	- -

Standardized Total Effects of ETA on Y

	CPV	KEP	BI
CPV1	0.5541	- -	- -
CPV2	0.5855	- -	- -
CPV3	0.4973	- -	- -
CPV4	0.4962	- -	- -
CPV5	0.5711	- -	- -
CPV6	0.4790	- -	- -
CPV7	0.5119	- -	- -
KEP1	0.2526	0.4559	- -
KEP2	0.2835	0.5117	- -
KEP3	0.3368	0.6081	- -
KEP4	0.3103	0.5602	- -
BI1	0.2722	0.2260	0.4520
BI2	0.2677	0.2223	0.4445
BI3	0.2852	0.2368	0.4736
BI4	0.3216	0.2670	0.5339

Completely Standardized Total Effects of ETA on Y

	CPV	KEP	BI
CPV1	0.8146	- -	- -
CPV2	0.8520	- -	- -
CPV3	0.7535	- -	- -
CPV4	0.7684	- -	- -

CPV5	0.8424	- -	- -
CPV6	0.7351	- -	- -
CPV7	0.7682	- -	- -
KEP1	0.4167	0.7523	- -
KEP2	0.4262	0.7695	- -
KEP3	0.4788	0.8643	- -
KEP4	0.4727	0.8533	- -
BI1	0.4242	0.3522	0.7043
BI2	0.4389	0.3644	0.7286
BI3	0.4328	0.3594	0.7186
BI4	0.4753	0.3946	0.7892

Standardized Indirect Effects of ETA on Y

	CPV	KEP	BI
CPV1	- -	- -	- -
CPV2	- -	- -	- -
CPV3	- -	- -	- -
CPV4	- -	- -	- -
CPV5	- -	- -	- -
CPV6	- -	- -	- -
CPV7	- -	- -	- -
KEP1	0.2526	- -	- -
KEP2	0.2835	- -	- -
KEP3	0.3368	- -	- -
KEP4	0.3103	- -	- -
BI1	0.2722	0.2260	- -
BI2	0.2677	0.2223	- -
BI3	0.2852	0.2368	- -
BI4	0.3216	0.2670	- -

Completely Standardized Indirect Effects of ETA on Y

	CPV	KEP	BI
CPV1	- -	- -	- -
CPV2	- -	- -	- -
CPV3	- -	- -	- -
CPV4	- -	- -	- -
CPV5	- -	- -	- -
CPV6	- -	- -	- -
CPV7	- -	- -	- -
KEP1	0.4167	- -	- -
KEP2	0.4262	- -	- -
KEP3	0.4788	- -	- -
KEP4	0.4727	- -	- -
BI1	0.4242	0.3522	- -
BI2	0.4389	0.3644	- -
BI3	0.4328	0.3594	- -
BI4	0.4753	0.3946	- -

Standardized Total Effects of KSI on Y

	SQ
CPV1	0.4303
CPV2	0.4547
CPV3	0.3862
CPV4	0.3853
CPV5	0.4435
CPV6	0.3720
CPV7	0.3975
KEP1	0.3632
KEP2	0.4077

KEP3	0.4844
KEP4	0.4463
BI1	0.3882
BI2	0.3818
BI3	0.4067
BI4	0.4585

Completely Standardized Total Effects of KSI on Y

	SQ
CPV1	0.6325
CPV2	0.6616
CPV3	0.5851
CPV4	0.5967
CPV5	0.6542
CPV6	0.5708
CPV7	0.5966
KEP1	0.5993
KEP2	0.6130
KEP3	0.6886
KEP4	0.6798
BI1	0.6049
BI2	0.6258
BI3	0.6171
BI4	0.6777

Time used: 0.047 Seconds