

**LAMPIRAN I**

## KUESIONER PENELITIAN

Assalamu'alaikum warahmatullahi wabarakatuh

Responden yang terhormat,

Saya Aunilah kamal (NIM 2013-11-445), mahasiswa Fakultas Ekonomi Universitas Esa Unggul yang sedang melakukan penelitian tentang “Pengaruh *store atmosphere* dan citra toko terhadap minat beli konsumen melalui emosi positif sebagai variabel intervening studi kasus Toko Buku Gramedia Mal Ciputra” Dalam rangka penulisan tugas akhir skripsi. Oleh karena itu, saya mohon kesediaan anda untuk meluangkan waktu guna mengisi kuisisioner ini dengan tepat dan teliti. Data yang diperoleh akan dijaga kerahasiaannya dan hanya digunakan untuk kepentingan penelitian.

Atas kesediaan anda memberikan jawaban, sebelum dan sesudahnya saya ucapkan terimakasih.

No. Responden

Data Responden

Petunjuk

Isilah data responden sesuai dengan data yang tersedia dengan **diberi tanda silang (X)**.

1. Jenis Kelamin
  - a. Laki-laki
  - b. Perempuan
2. Usia Anda
  - a. 17 tahun – 25 tahun
  - b. 26 tahun – 35 tahun
  - c. > 35 tahun
3. Pendidikan Terakhir Anda
  - a. SD
  - b. SMP sederajat
  - c. SMA sederajat
  - d. S1/S2/S3\*(coret yang tidak perlu)
4. Pendapatan Anda
  - a. Rp 1.000.000 – Rp 2.000.000
  - b. Rp 3.000.000 – Rp 4.000.000
  - c. > Rp 4.000.000
5. Pekerjaan Anda
  - a. Pelajar/Mahasiswa
  - b. Pegawai Negeri Sipil
  - c. Wiraswasta
  - d. Lainnya.....
6. Berapa kali melakukan pembelian di Toko Buku Gramedia dalam satu bulan
  - a. Tiga kali
  - b. Lebih dari tiga kali
7. Dari mana anda mengetahui Toko Buku Gramedia Mal Ciputra
  - a. Kerabat
  - b. Media Cetak
  - c. Media Elektronik
  - d. Internet

8. Alasan dasar melakukan belanja di Toko Buku Gramedia Mal Ciputra

a.....

b.....

c.....

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## DAFTAR ISIAN

### Petunjuk :

Isilah semua pertanyaan dalam kuesioner sesuai dengan kenyataan, dengan cara memberikan tanda (√) pada kotak pilihan yang sudah tersedia.

Keterangan :

No.	Pernyataan	Skor
1.	Sangat Tidak Setuju (STS)	1
2.	Tidak Setuju (TS)	2
3.	Setuju (S)	3
4.	Sangat Setuju (SS)	4

No	Pernyataan	STS	TS	S	SS
		1	2	3	4
<b>Store atmophere (X1)</b>		<b>STS</b>	<b>TS</b>	<b>S</b>	<b>SS</b>
1.	Desain toko bagian luar toko buku gramedia memiliki kesan yang unik				
2.	Pengaturan gang-gang dan pengelompokan barang-barang di dalam toko buku gramedia tersusun dengan baik sehingga tidak membuat rumit konsumen dalam bergerak				
3.	Warna dinding toko buku gramedia terlihat menarik dan aroma ruangnya selalu segar dan <i>fresh</i>				
4.	Musik yang di putar toko buku gramedia membuat konsumen nyaman dalam berbelanja				
<b>Citra Toko (X2)</b>		<b>STS</b>	<b>TS</b>	<b>S</b>	<b>SS</b>
5.	Produk yang ada di toko buku gramedia sangat berkualitas				
6.	Produk yang ada di toko buku gramedia mengikuti trend				
7.	Harga buku di toko buku gramedia terjangkau				
8.	Pelayanan yang ada di toko buku gramedia sangat baik				

<b>Emosi positif(Z)</b>		<b>STS</b>	<b>TS</b>	<b>S</b>	<b>SS</b>
9	Saya merasa sangat bahagia saat berbelanja di toko buku gamedia				
10.	Saya merasa puas ketika berbelanja di toko buku gamedia				
11.	Saya merasakan perasaan yang bersemangat saat berbelanja				
<b>Minat beli konsumen (Y)</b>		<b>STS</b>	<b>TS</b>	<b>S</b>	<b>SS</b>
12	Toko buku gamedia menjadi pilihan utama konsumen untuk membeli buku				
13	Saya akan merekomendasikan toko buku gamedia ke kerabat dekat saat membeli buku				
14	Toko buku gamedia saya yakini menjual buku-buku yang berkualitas bagus				
15	Saya akan mengumpulkan informasi sebanyak mungkin sebelum saya membeli buku di toko buku gamedia				

**-TerimaKasih-**

## **LAMPIRAN II**

**HASIL UJI VALIDITAS DAN RELIABILITAS**

No.	Store atmosphere				Citra Toko				Emosi positif			Minat beli			
	SA1	SA3	SA3	SA4	CT1	CT2	CT3	CT4	EP1	EP2	EP3	MB1	MB2	MB3	MB4
1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
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29	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4
30	3	3	3	3	3	3	3	2	3	3	3	3	4	3	3



### STORE ATMOSPHERE

```

FACTOR
/VARIABLES SA1 SA2 SA3 SA4
/MISSING LISTWISE
/ANALYSIS SA1 SA2 SA3 SA4
/PRINT INITIAL KMO AIC EXTRACTION
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

```

### Factor Analysis

[DataSet0]

#### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.758
Approx. Chi-Square		160.077
Bartlett's Test of Sphericity	Df	6
	Sig.	.000

#### Anti-image Matrices

		SA1	SA2	SA3	SA4
Anti-image Covariance	SA1	.171	-.004	-.085	.007
	SA2	-.004	.087	.012	-.057
	SA3	-.085	.012	.086	-.034
	SA4	.007	-.057	-.034	.054
Anti-image Correlation	SA1	.808 <sup>a</sup>	-.036	-.699	.072
	SA2	-.036	.758 <sup>a</sup>	.134	-.829
	SA3	-.699	.134	.759 <sup>a</sup>	-.499
	SA4	.072	-.829	-.499	.719 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

#### Communalities

	Initial	Extraction
SA1	1.000	.842
SA2	1.000	.885
SA3	1.000	.935
SA4	1.000	.941

Extraction Method: Principal  
Component Analysis.

### Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.603	90.066	90.066	3.603	90.066	90.066
2	.289	7.235	97.302			
3	.075	1.881	99.182			
4	.033	.818	100.000			

Extraction Method: Principal Component Analysis.

Component Matrixa

	Component
	1
SA1	.918
SA2	.940
SA3	.967
SA4	.970

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

RELIABILITY

```

/VARIABLES=SA1 SA2 SA3 SA4
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

### Reliability

[DataSet0]

### Scale: ALL VARIABLES

#### Case Processing Summary

		N	%
	Valid	30	100.0
Cases	Excluded <sup>a</sup>	0	.0
	Total	30	100.0

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

### Reliability Statistics

Cronbach's Alpha	N of Items
.963	4

### CITRA TOKO

FACTOR

```

/VARIABLES CT1 CT2 CT3 CT4
/MISSING LISTWISE
/ANALYSIS CT1 CT2 CT3 CT4
/PRINT INITIAL KMO AIC EXTRACTION
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

```

### Factor Analysis

[DataSet0]

#### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.747
Approx. Chi-Square		58.394
Bartlett's Test of Sphericity	df	6
	Sig.	.000

#### Anti-image Matrices

		CT1	CT2	CT3	CT4
Anti-image Covariance	CT1	.459	-.051	-.215	-.095
	CT2	-.051	.315	-.134	-.221
	CT3	-.215	-.134	.483	.047
	CT4	-.095	-.221	.047	.384
Anti-image Correlation	CT1	.810 <sup>a</sup>	-.133	-.456	-.227
	CT2	-.133	.720 <sup>a</sup>	-.342	-.634
	CT3	-.456	-.342	.759 <sup>a</sup>	.108
	CT4	-.227	-.634	.108	.715 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Communalities**

	Initial	Extraction
CT1	1.000	.717
CT2	1.000	.804
CT3	1.000	.657
CT4	1.000	.702

Extraction Method: Principal

Component Analysis.

**Total Variance Explained**

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.880	71.991	71.991	2.880	71.991	71.991
2	.580	14.512	86.503			
3	.341	8.513	95.016			
4	.199	4.984	100.000			

Extraction Method: Principal Component Analysis.

**Component Matrix<sup>a</sup>**

	Component
	1
CT1	.847
CT2	.897
CT3	.810
CT4	.838

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

**RELIABILITY**

```

/VARIABLES=CT1 CT2 CT3 CT4
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

**Reliability**

[DataSet0]

## Scale: ALL VARIABLES

### Case Processing Summary

		N	%
Cases	Valid	30	100.0
	Excluded <sup>a</sup>	0	.0
	Total	30	100.0

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

### Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
CT1	9.27	3.651	.719	.832
CT2	9.57	3.289	.806	.795
CT3	9.47	3.706	.661	.853
CT4	9.50	3.224	.705	.841

### Reliability Statistics

Cronbach's Alpha	N of Items
.868	4

## EMOSI POSITIF

FACTOR

```

/VARIABLES EP1 EP2 EP3
/MISSING LISTWISE
/ANALYSIS EP1 EP2 EP3
/PRINT INITIAL KMO AIC EXTRACTION
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

```

## Factor Analysis

[DataSet0]

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.727
Approx. Chi-Square		33.152
Bartlett's Test of Sphericity	df	3
	Sig.	.000

**Communalities**

	Initial	Extraction
EP1	1.000	.771
EP2	1.000	.740
EP3	1.000	.767

Extraction Method: Principal  
Component Analysis.

**Anti-image Matrices**

		EP1	EP2	EP3
Anti-image Covariance	EP1	.484	-.186	-.217
	EP2	-.186	.527	-.181
	EP3	-.217	-.181	.489
Anti-image Correlation	EP1	.715 <sup>a</sup>	-.368	-.446
	EP2	-.368	.750 <sup>a</sup>	-.356
	EP3	-.446	-.356	.719 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Total Variance Explained**

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.279	75.951	75.951	2.279	75.951	75.951
2	.385	12.840	88.791			
3	.336	11.209	100.000			

Extraction Method: Principal Component Analysis.

**Component Matrixa**

	Component
	1
EP1	.878
EP2	.860
EP3	.876

Extraction Method:  
Principal Component  
Analysis.

a. 1 components  
extracted.

```

RELIABILITY
/VARIABLES=EP1 EP2 EP3
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.

```

## Reliability

[DataSet0]

### Scale: ALL VARIABLES

**Case Processing Summary**

		N	%
Cases	Valid	30	100.0
	Excluded <sup>a</sup>	0	.0
	Total	30	100.0

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

#### Reliability Statistics

Cronbach's Alpha	N of Items
.841	3

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Cronbach's Alpha if Item Deleted
EP1	6.17	1.592	.717	.768
EP2	6.47	1.499	.687	.798
EP3	6.37	1.551	.713	.771

### MINAT BELI

#### FACTOR

```

/VARIABLES MB1 MB2 MB3 MB4
/MISSING LISTWISE
/ANALYSIS MB1 MB2 MB3 MB4
/PRINT INITIAL KMO AIC EXTRACTION
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

```

## Factor Analysis

[DataSet0]

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.735
Approx. Chi-Square		37.847
Bartlett's Test of Sphericity	df	6
	Sig.	.000

### Anti-image Matrices

		MB1	MB2	MB3	MB4
Anti-image Covariance	MB1	.390	-.139	-.248	-.118
	MB2	-.139	.644	-.109	-.043
	MB3	-.248	-.109	.425	-.026
	MB4	-.118	-.043	-.026	.846
Anti-image Correlation	MB1	.677 <sup>a</sup>	-.278	-.609	-.205
	MB2	-.278	.847 <sup>a</sup>	-.209	-.058
	MB3	-.609	-.209	.695 <sup>a</sup>	-.043
	MB4	-.205	-.058	-.043	.873 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

### Communalities

	Initial	Extraction
MB1	1.000	.794
MB2	1.000	.596
MB3	1.000	.747
MB4	1.000	.323

Extraction Method: Principal

Component Analysis.

### Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2.460	61.501	61.501	2.460	61.501	61.501
2	.787	19.671	81.171			
3	.502	12.550	93.722			
4	.251	6.278	100.000			

Extraction Method: Principal Component Analysis.



**Component Matrix<sup>a</sup>**

	Component
	1
MB1	.891
MB2	.772
MB3	.864
MB4	.568

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

RELIABILITY

```

/VARIABLES=MB1 MB2 MB3 MB4
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL

```

## Reliability

[DataSet0]

### Scale: ALL VARIABLES

**Case Processing Summary**

		N	%
Cases	Valid	30	100.0
	Excluded <sup>a</sup>	0	.0
	Total	30	100.0

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

**Reliability Statistics**

Cronbach's Alpha	N of Items
.788	4

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Cronbach's Alpha if Item Deleted
MB1	10.03	2.171	.753	.651
MB2	9.90	2.300	.580	.747
MB3	9.93	2.133	.701	.677
MB4	9.73	3.099	.376	.827

# **LAMPIRAN III**

## **HASIL UJI LISREL**

NO	Store Atmosphere				Citra Toko				Emosi positif			Minat beli			
	SA1	SA2	SA3	SA4	CT1	CT2	CT3	CT4	EP1	EP2	EP3	MB1	MB2	MB3	MB4
1	3	3	3	3	4	3	4	4	3	3	3	3	3	3	3
2	4	4	4	4	3	2	3	2	4	4	4	4	4	4	4
3	4	4	4	4	2	2	3	3	3	3	3	4	4	3	3
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DATE: 5/23/2017

TIME: 8:09

LISREL 8.80

BY

Karl G. Jöreskog &amp; Dag Sörbom

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The following lines were read from file C:\Users\OnnyKamal\Desktop\skripsi  
oni\DATA BAB 4\SEM.spj:

SEM

Raw Data from file 'C:\Users\OnnyKamal\Desktop\skripsi oni\DATA BAB  
4\SEM.psf'

Sample Size = 200

Latent Variables SA CT EP MB

Relationships

SA1-SA4=SA

CT1-CT4=CT

EP1-EP3=EP

MB1-MB4=MB

EP= SA CT

MB=SA CT EP

Options: SS SC EF MI RS

Path Diagram

End of Problem

Sample Size = 200

Covariance Matrix

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	0.11					
EP2	0.11	0.11				

EP3	0.08	0.08	0.12			
MB1	0.06	0.07	0.08	0.39		
MB2	0.06	0.06	0.09	0.40	0.41	
MB3	0.07	0.07	0.11	0.38	0.39	0.44
MB4	0.06	0.06	0.12	0.38	0.39	0.42
SA1	0.06	0.07	0.08	0.39	0.40	0.38
SA2	0.07	0.07	0.08	0.38	0.38	0.37
SA3	0.07	0.07	0.08	0.38	0.38	0.37
SA4	0.07	0.07	0.08	0.38	0.38	0.37
CT1	0.03	0.03	0.04	-0.04	-0.04	-0.03
CT2	0.03	0.02	0.04	-0.05	-0.05	-0.02
CT3	0.02	0.01	0.01	-0.01	-0.02	-0.02
CT4	0.03	0.03	0.05	-0.02	-0.01	0.00

## Covariance Matrix

	MB4	SA1	SA2	SA3	SA4	CT1
MB4	0.43					
SA1	0.38	0.39				
SA2	0.37	0.38	0.38			
SA3	0.37	0.38	0.38	0.38		
SA4	0.37	0.38	0.38	0.38	0.38	
CT1	-0.02	-0.04	-0.04	-0.04	-0.04	0.64
CT2	-0.02	-0.05	-0.06	-0.06	-0.06	0.55
CT3	-0.01	-0.01	-0.01	-0.01	-0.01	0.23
CT4	0.01	-0.02	-0.03	-0.03	-0.03	0.43

## Covariance Matrix

	CT2	CT3	CT4
CT2	0.79		
CT3	0.39	0.88	
CT4	0.62	0.63	0.97

Number of Iterations = 39

LISREL Estimates (Maximum Likelihood)

## Measurement Equations

$$EP1 = 0.32 * EP, \text{ Errorvar.} = 0.00025, R^2 = 1.00$$

(0.0015)  
0.17

$$\begin{aligned} \text{EP2} &= 0.33 * \text{EP}, \text{ Errorvar.} = 0.0050, R^2 = 0.96 \\ &(0.0068) \quad (0.0016) \\ &47.83 \quad 3.19 \end{aligned}$$

$$\begin{aligned} \text{EP3} &= 0.25 * \text{EP}, \text{ Errorvar.} = 0.060, R^2 = 0.52 \\ &(0.018) \quad (0.0060) \\ &14.34 \quad 9.86 \end{aligned}$$

$$\begin{aligned} \text{MB1} &= 0.63 * \text{MB}, \text{ Errorvar.} = -0.0022, R^2 = 1.01 \\ &\quad (0.00025) \\ &\quad -8.80 \end{aligned}$$

$$\begin{aligned} \text{MB2} &= 0.63 * \text{MB}, \text{ Errorvar.} = 0.0070, R^2 = 0.98 \\ &(0.0049) \quad (0.00064) \\ &129.47 \quad 10.86 \end{aligned}$$

$$\begin{aligned} \text{MB3} &= 0.59 * \text{MB}, \text{ Errorvar.} = 0.088, R^2 = 0.80 \\ &(0.021) \quad (0.0083) \\ &28.59 \quad 10.66 \end{aligned}$$

$$\begin{aligned} \text{MB4} &= 0.59 * \text{MB}, \text{ Errorvar.} = 0.083, R^2 = 0.81 \\ &(0.020) \quad (0.0078) \\ &29.34 \quad 10.69 \end{aligned}$$

$$\begin{aligned} \text{SA1} &= 0.62 * \text{SA}, \text{ Errorvar.} = 0.0052, R^2 = 0.99 \\ &(0.032) \quad (0.00053) \\ &19.69 \quad 9.74 \end{aligned}$$

$$\begin{aligned} \text{SA2} &= 0.62 * \text{SA}, \text{ Errorvar.} = 0.00039, R^2 = 1.00 \\ &(0.031) \quad (0.00) \\ &19.93 \quad 6.70 \end{aligned}$$

$$\begin{aligned} \text{SA3} &= 0.62 * \text{SA}, \text{ Errorvar.} = 0.00039, R^2 = 1.00 \\ &(0.031) \quad (0.00) \\ &19.93 \quad 6.70 \end{aligned}$$

$$\begin{aligned} \text{SA4} &= 0.62 * \text{SA}, \text{ Errorvar.} = 0.00039, R^2 = 1.00 \\ &(0.031) \quad (0.00) \\ &19.93 \quad 6.70 \end{aligned}$$

$$\begin{aligned} \text{CT1} &= 0.63 * \text{CT}, \text{ Errorvar.} = 0.24, R^2 = 0.62 \\ &(0.050) \quad (0.031) \\ &12.73 \quad 7.82 \end{aligned}$$

$$\text{CT2} = 0.84 * \text{CT}, \text{Errorvar.} = 0.093, R^2 = 0.88$$

(0.051)	(0.034)
16.40	2.74

$$\text{CT3} = 0.50 * \text{CT}, \text{Errorvar.} = 0.63, R^2 = 0.29$$

(0.064)	(0.066)
7.83	9.57

$$\text{CT4} = 0.75 * \text{CT}, \text{Errorvar.} = 0.40, R^2 = 0.58$$

(0.061)	(0.049)
12.22	8.21

#### Structural Equations

$$\text{EP} = 0.36 * \text{SA} + 0.16 * \text{CT}, \text{Errorvar.} = 0.86, R^2 = 0.14$$

(0.069)	(0.069)	(0.087)
5.27	2.25	9.80

$$\text{MB} = -0.015 * \text{EP} + 1.00 * \text{SA} + 0.0029 * \text{CT}, \text{Errorvar.} = 0.014, R^2 = 0.99$$

(0.0058)	(0.051)	(0.0057)	(0.0014)
-2.61	19.76	0.51	10.49

#### Reduced Form Equations

$$\text{EP} = 0.36 * \text{SA} + 0.16 * \text{CT}, \text{Errorvar.} = 0.86, R^2 = 0.14$$

(0.069)	(0.069)
5.27	2.25

$$\text{MB} = 0.99 * \text{SA} + 0.00053 * \text{CT}, \text{Errorvar.} = 0.014, R^2 = 0.99$$

(0.050)	(0.0057)
19.77	0.094

#### Correlation Matrix of Independent Variables

	SA	CT
SA	1.00	
CT	-0.10 (0.07) -1.37	1.00

#### Covariance Matrix of Latent Variables

	EP	MB	SA	CT
EP	1.00			
MB	0.33	1.00		
SA	0.35	0.99	1.00	
CT	0.12	-0.10	-0.10	1.00

#### Goodness of Fit Statistics

Degrees of Freedom = 84

Minimum Fit Function Chi-Square = 1108.83 (P = 0.0)

Normal Theory Weighted Least Squares Chi-Square = 891.88 (P = 0.0)

Estimated Non-centrality Parameter (NCP) = 807.88

90 Percent Confidence Interval for NCP = (715.66 ; 907.54)

Minimum Fit Function Value = 5.57

Population Discrepancy Function Value (F0) = 4.06

90 Percent Confidence Interval for F0 = (3.60 ; 4.56)

Root Mean Square Error of Approximation (RMSEA) = 0.22

90 Percent Confidence Interval for RMSEA = (0.21 ; 0.23)

P-Value for Test of Close Fit (RMSEA < 0.05) = 0.00

Expected Cross-Validation Index (ECVI) = 4.84

90 Percent Confidence Interval for ECVI = (4.38 ; 5.34)

ECVI for Saturated Model = 1.21

ECVI for Independence Model = 33.14

Chi-Square for Independence Model with 105 Degrees of Freedom = 6564.14

Independence AIC = 6594.14

Model AIC = 963.88

Saturated AIC = 240.00

Independence CAIC = 6658.62

Model CAIC = 1118.62

Saturated CAIC = 755.80

Normed Fit Index (NFI) = 0.83

Non-Normed Fit Index (NNFI) = 0.80

Parsimony Normed Fit Index (PNFI) = 0.66

Comparative Fit Index (CFI) = 0.84

Incremental Fit Index (IFI) = 0.84

Relative Fit Index (RFI) = 0.79

Critical N (CN) = 22.01

Root Mean Square Residual (RMR) = 0.030  
 Standardized RMR = 0.060  
 Goodness of Fit Index (GFI) = 0.63  
 Adjusted Goodness of Fit Index (AGFI) = 0.47  
 Parsimony Goodness of Fit Index (PGFI) = 0.44

SEM

Fitted Covariance Matrix

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	0.11					
EP2	0.11	0.11				
EP3	0.08	0.08	0.12			
MB1	0.07	0.07	0.05	0.39		
MB2	0.07	0.07	0.05	0.40	0.41	
MB3	0.06	0.06	0.05	0.37	0.37	0.44
MB4	0.06	0.06	0.05	0.37	0.37	0.35
SA1	0.07	0.07	0.05	0.39	0.39	0.36
SA2	0.07	0.07	0.05	0.38	0.39	0.36
SA3	0.07	0.07	0.05	0.38	0.39	0.36
SA4	0.07	0.07	0.05	0.38	0.39	0.36
CT1	0.02	0.02	0.02	-0.04	-0.04	-0.04
CT2	0.03	0.03	0.03	-0.05	-0.05	-0.05
CT3	0.02	0.02	0.02	-0.03	-0.03	-0.03
CT4	0.03	0.03	0.02	-0.05	-0.05	-0.04

Fitted Covariance Matrix

	MB4	SA1	SA2	SA3	SA4	CT1
MB4	0.43					
SA1	0.36	0.39				
SA2	0.36	0.38	0.38			
SA3	0.36	0.38	0.38	0.38		
SA4	0.36	0.38	0.38	0.38	0.38	
CT1	-0.04	-0.04	-0.04	-0.04	-0.04	0.64
CT2	-0.05	-0.05	-0.05	-0.05	-0.05	0.53
CT3	-0.03	-0.03	-0.03	-0.03	-0.03	0.32
CT4	-0.04	-0.05	-0.05	-0.05	-0.05	0.47

Fitted Covariance Matrix

	CT2	CT3	CT4
CT2	0.79		
CT3	0.42	0.88	
CT4	0.63	0.38	0.97

## Fitted Residuals

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	0.00					
EP2	0.00	0.00				
EP3	0.00	0.00	0.00			
MB1	0.00	0.00	0.03	0.00		
MB2	-0.01	-0.01	0.03	0.00	0.00	
MB3	0.00	0.01	0.06	0.01	0.02	0.00
MB4	0.00	0.00	0.07	0.01	0.02	0.07
SA1	0.00	0.00	0.03	0.00	0.01	0.02
SA2	0.00	0.00	0.02	0.00	0.00	0.01
SA3	0.00	0.00	0.02	0.00	0.00	0.01
SA4	0.00	0.00	0.02	0.00	0.00	0.01
CT1	0.01	0.01	0.02	0.00	0.00	0.01
CT2	0.00	-0.01	0.01	0.00	0.00	0.03
CT3	0.00	-0.01	-0.01	0.02	0.01	0.01
CT4	0.00	0.00	0.03	0.03	0.04	0.04

## Fitted Residuals

	MB4	SA1	SA2	SA3	SA4	CT1
MB4	0.00					
SA1	0.02	0.00				
SA2	0.01	0.00	0.00			
SA3	0.01	0.00	0.00	0.00		
SA4	0.01	0.00	0.00	0.00	0.00	
CT1	0.02	0.00	0.00	0.00	0.00	0.00
CT2	0.03	0.00	-0.01	-0.01	-0.01	0.02
CT3	0.02	0.02	0.02	0.02	0.02	-0.08
CT4	0.05	0.03	0.02	0.02	0.02	-0.04

## Fitted Residuals

	CT2	CT3	CT4
CT2	0.00		



CT3	-0.03	0.00	
CT4	-0.01	0.26	0.00

Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -0.08  
 Median Fitted Residual = 0.00  
 Largest Fitted Residual = 0.26

Stemleaf Plot

```

- 8|3
- 6|
- 4|3
- 2|8
- 0|08876666654444321111111111000000000000000000000000000000000000
0|11111445666666666679999235566666777999
2|222333778899049
4|21
6|003
8|
10|
12|
14|
16|
18|
20|
22|
24|5

```

Standardized Residuals

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	--					
EP2	--	--				
EP3	-0.05	-0.34	--			
MB1	-3.17	-0.47	2.92	--		
MB2	-3.55	-1.89	3.26	-5.68	--	
MB3	0.73	0.79	4.99	6.70	6.99	--
MB4	-0.05	0.09	5.89	6.85	7.19	11.41
SA1	-3.23	-1.23	2.73	13.17	9.26	5.76
SA2	-0.02	0.43	2.28	-10.35	-10.40	2.58
SA3	-0.02	0.43	2.28	-10.35	-10.40	2.58
SA4	-0.02	0.43	2.28	-10.35	-10.40	2.58



0|123344444556667777788888888

1|011344446

2|3336666679

3|3

4|

5|0899

6|78

7|027

8|3

9|3

10|

11|4

12|

13|2

#### Largest Negative Standardized Residuals

Residual for	MB1 and	EP1	-3.17
Residual for	MB2 and	EP1	-3.55
Residual for	MB2 and	MB1	-5.68
Residual for	SA1 and	EP1	-3.23
Residual for	SA2 and	MB1	-10.35
Residual for	SA2 and	MB2	-10.40
Residual for	SA3 and	MB1	-10.35
Residual for	SA3 and	MB2	-10.40
Residual for	SA4 and	MB1	-10.35
Residual for	SA4 and	MB2	-10.40
Residual for	CT3 and	CT1	-3.56
Residual for	CT3 and	CT2	-3.62
Residual for	CT4 and	CT1	-3.66
Residual for	CT4 and	CT2	-3.31

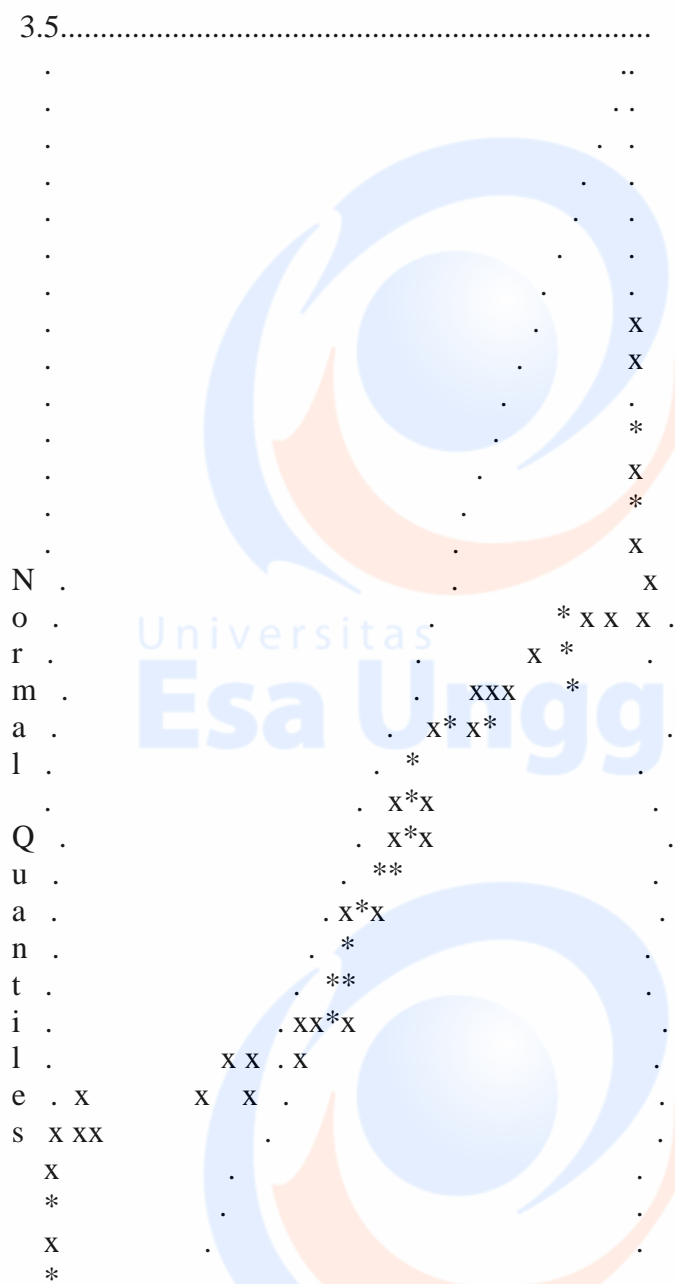
#### Largest Positive Standardized Residuals

Residual for	MB1 and	EP3	2.92
Residual for	MB2 and	EP3	3.26
Residual for	MB3 and	EP3	4.99
Residual for	MB3 and	MB1	6.70
Residual for	MB3 and	MB2	6.99
Residual for	MB4 and	EP3	5.89
Residual for	MB4 and	MB1	6.85
Residual for	MB4 and	MB2	7.19
Residual for	MB4 and	MB3	11.41
Residual for	SA1 and	EP3	2.73
Residual for	SA1 and	MB1	13.17
Residual for	SA1 and	MB2	9.26
Residual for	SA1 and	MB3	5.76
Residual for	SA1 and	MB4	5.88
Residual for	SA2 and	MB3	2.58
Residual for	SA2 and	MB4	2.58

Residual for	SA3 and	MB3	2.58
Residual for	SA3 and	MB4	2.58
Residual for	SA4 and	MB3	2.58
Residual for	SA4 and	MB4	2.58
Residual for	CT2 and	CT1	7.68
Residual for	CT4 and	CT3	8.28

SEM

Qplot of Standardized Residuals





## SEM

## Modification Indices and Expected Change

The Modification Indices Suggest to Add the

	Path to	from	Decrease in Chi-Square	New Estimate
MB1	EP		9.1	0.01
MB2	EP		12.1	-0.02

## Modification Indices for LAMBDA-Y

	EP	MB
EP1	--	0.97
EP2	--	0.15
EP3	--	6.87
MB1	9.15	--
MB2	12.05	--
MB3	0.59	--
MB4	0.00	--

## Expected Change for LAMBDA-Y

	EP	MB
EP1	--	-0.01
EP2	--	0.00
EP3	--	0.05
MB1	0.01	--
MB2	-0.02	--
MB3	0.02	--
MB4	0.00	--

## Standardized Expected Change for LAMBDA-Y

	EP	MB
	-----	-----
EP1	--	-0.01
EP2	--	0.00
EP3	--	0.05
MB1	0.01	--
MB2	-0.02	--
MB3	0.02	--
MB4	0.00	--

## Completely Standardized Expected Change for LAMBDA-Y

	EP	MB
	-----	-----
EP1	--	-0.02
EP2	--	0.01
EP3	--	0.14
MB1	0.02	--
MB2	-0.03	--
MB3	0.03	--
MB4	0.00	--

## Modification Indices for LAMBDA-X

	SA	CT
	-----	-----
SA1	--	1.03
SA2	--	0.01
SA3	--	0.01
SA4	--	0.01
CT1	0.00	--
CT2	0.57	--
CT3	0.40	--
CT4	0.54	--

## Expected Change for LAMBDA-X

	SA	CT
	-----	-----
SA1	--	0.01
SA2	--	0.00
SA3	--	0.00
SA4	--	0.00
CT1	0.00	--

CT2	-0.03	--
CT3	0.04	--
CT4	0.04	--

Standardized Expected Change for LAMBDA-X

	SA	CT
SA1	--	0.01
SA2	--	0.00
SA3	--	0.00
SA4	--	0.00
CT1	0.00	--
CT2	-0.03	--
CT3	0.04	--
CT4	0.04	--

Completely Standardized Expected Change for LAMBDA-X

	SA	CT
SA1	--	0.01
SA2	--	0.00
SA3	--	0.00
SA4	--	0.00
CT1	0.00	--
CT2	-0.03	--
CT3	0.04	--
CT4	0.04	--

No Non-Zero Modification Indices for BETA

No Non-Zero Modification Indices for GAMMA

No Non-Zero Modification Indices for PHI

No Non-Zero Modification Indices for PSI

The Modification Indices Suggest to Add an Error Covariance

	Between and	Decrease in Chi-Square	New Estimate
MB1	EP3	10.2	0.00
MB2	EP3	35.6	0.01
MB2	MB1	32.3	0.01
MB3	EP3	32.7	0.03
MB3	MB1	44.9	0.00
MB3	MB2	48.8	0.01

MB4	EP3	73.4	0.04
MB4	MB1	46.9	0.00
MB4	MB2	51.6	0.01
MB4	MB3	130.2	0.07
SA1	EP3	47.8	0.01
SA1	MB2	51.7	0.00
SA1	MB3	10.2	0.00
SA1	MB4	10.9	0.00
CT2	CT1	58.9	0.42
CT3	CT1	12.7	-0.12
CT3	CT2	13.1	-0.14
CT4	CT1	13.4	-0.15
CT4	CT2	11.0	-0.21
CT4	CT3	68.6	0.34

## Modification Indices for THETA-EPS

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	--					
EP2	2.53	--				
EP3	0.00	0.12	--			
MB1	0.73	0.02	10.19	--		
MB2	2.78	0.03	35.62	32.30	--	
MB3	1.12	0.05	32.68	44.86	48.83	--
MB4	3.45	0.05	73.43	46.91	51.63	130.21

## Modification Indices for THETA-EPS

	MB4
MB4	--

## Expected Change for THETA-EPS

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	--					
EP2	0.03	--				
EP3	0.00	0.00	--			
MB1	0.00	0.00	0.00	--		
MB2	0.00	0.00	0.01	0.01	--	
MB3	0.00	0.00	0.03	0.00	0.01	--
MB4	0.00	0.00	0.04	0.00	0.01	0.07

## Expected Change for THETA-EPS



MB4  
-----  
MB4 --

Completely Standardized Expected Change for THETA-EPS

	EP1	EP2	EP3	MB1	MB2	MB3
EP1	--					
EP2	0.24	--				
EP3	0.00	-0.01	--			
MB1	0.00	0.00	-0.01	--		
MB2	0.00	0.00	0.03	0.01	--	
MB3	-0.01	0.00	0.12	-0.01	0.02	--
MB4	-0.01	0.00	0.18	-0.01	0.02	0.15

Completely Standardized Expected Change for THETA-EPS

MB4  
-----  
MB4 --

Modification Indices for THETA-DELTA-EPS

	EP1	EP2	EP3	MB1	MB2	MB3
SA1	3.31	0.02	47.82	0.19	51.73	10.16
SA2	0.07	0.00	1.07	0.02	1.77	0.00
SA3	0.07	0.00	1.07	0.02	1.77	0.00
SA4	0.07	0.00	1.07	0.02	1.77	0.00
CT1	1.18	1.84	0.01	0.04	0.50	0.66
CT2	2.79	3.67	0.10	1.52	1.62	4.88
CT3	0.61	0.48	1.04	0.13	1.69	1.97
CT4	1.69	1.11	1.90	0.19	0.81	0.16

Modification Indices for THETA-DELTA-EPS

MB4  
-----  
SA1 10.93  
SA2 0.00  
SA3 0.00  
SA4 0.00  
CT1 0.02  
CT2 2.09

CT3 0.94  
CT4 0.01

Expected Change for THETA-DELTA-EPS

	EP1	EP2	EP3	MB1	MB2	MB3
SA1	0.00	0.00	0.01	0.00	0.00	0.00
SA2	0.00	0.00	0.00	0.00	0.00	0.00
SA3	0.00	0.00	0.00	0.00	0.00	0.00
SA4	0.00	0.00	0.00	0.00	0.00	0.00
CT1	0.00	0.00	0.00	0.00	0.00	-0.01
CT2	0.00	0.00	0.00	0.00	0.00	0.02
CT3	0.00	0.00	-0.01	0.00	0.00	-0.02
CT4	0.00	0.00	0.02	0.00	0.00	-0.01

Expected Change for THETA-DELTA-EPS

	MB4
SA1	0.00
SA2	0.00
SA3	0.00
SA4	0.00
CT1	0.00
CT2	0.01
CT3	-0.02
CT4	0.00

Completely Standardized Expected Change for THETA-DELTA-EPS

	EP1	EP2	EP3	MB1	MB2	MB3
SA1	0.00	0.00	0.04	0.00	0.01	0.01
SA2	0.00	0.00	0.00	0.00	0.00	0.00
SA3	0.00	0.00	0.00	0.00	0.00	0.00
SA4	0.00	0.00	0.00	0.00	0.00	0.00
CT1	-0.01	0.01	0.00	0.00	0.00	-0.02
CT2	0.01	-0.02	0.01	0.00	0.00	0.04
CT3	0.01	-0.01	-0.04	0.00	-0.01	-0.04
CT4	-0.01	0.01	0.05	0.00	0.00	-0.01

Completely Standardized Expected Change for THETA-DELTA-EPS

MB4

SA1 0.01  
 SA2 0.00  
 SA3 0.00  
 SA4 0.00  
 CT1 0.00  
 CT2 0.02  
 CT3 -0.02  
 CT4 0.00

Modification Indices for THETA-DELTA

	SA1	SA2	SA3	SA4	CT1	CT2
SA1	--					
SA2	1.89	--				
SA3	1.89	0.66	--			
SA4	1.89	0.66	0.66	--		
CT1	1.06	0.03	0.03	0.03	--	
CT2	0.60	0.00	0.00	0.00	58.91	--
CT3	3.28	0.13	0.13	0.13	12.70	13.11
CT4	4.23	0.22	0.22	0.22	13.36	10.98

Modification Indices for THETA-DELTA

	CT3	CT4
CT3	--	
CT4	68.59	--

Expected Change for THETA-DELTA

	SA1	SA2	SA3	SA4	CT1	CT2
SA1	--					
SA2	0.00	--				
SA3	0.00	0.00	--			
SA4	0.00	0.00	0.00	--		
CT1	0.00	0.00	0.00	0.00	--	
CT2	0.00	0.00	0.00	0.00	0.42	--
CT3	-0.01	0.00	0.00	0.00	-0.12	-0.14
CT4	0.01	0.00	0.00	0.00	-0.15	-0.21

Expected Change for THETA-DELTA

	CT3	CT4
CT3		
CT4		

CT3 --  
 CT4 0.34 --

Completely Standardized Expected Change for THETA-DELTA

	SA1	SA2	SA3	SA4	CT1	CT2
SA1	--					
SA2	0.00	--				
SA3	0.00	0.00	--			
SA4	0.00	0.00	0.00	--		
CT1	-0.01	0.00	0.00	0.00	--	
CT2	0.00	0.00	0.00	0.00	0.59	--
CT3	-0.01	0.00	0.00	0.00	-0.16	-0.16
CT4	0.01	0.00	0.00	0.00	-0.19	-0.24

Completely Standardized Expected Change for THETA-DELTA

	CT3	CT4
CT3	--	
CT4	0.37	--

Maximum Modification Index is 130.21 for Element ( 7, 6) of THETA-EPS

SEM

Standardized Solution

LAMBDA-Y

	EP	MB
EP1	0.32	--
EP2	0.33	--
EP3	0.25	--
MB1	--	0.63
MB2	--	0.63
MB3	--	0.59
MB4	--	0.59

LAMBDA-X

	SA	CT
SA1	0.62	--

SA2	0.62	--
SA3	0.62	--
SA4	0.62	--
CT1	--	0.63
CT2	--	0.84
CT3	--	0.50
CT4	--	0.75

## BETA

	EP	MB
EP	--	--
MB	-0.02	--

## GAMMA

	SA	CT
EP	0.36	0.16
MB	1.00	0.00

## Correlation Matrix of ETA and KSI

	EP	MB	SA	CT
EP	1.00			
MB	0.33	1.00		
SA	0.35	0.99	1.00	
CT	0.12	-0.10	-0.10	1.00

## PSI

Note: This matrix is diagonal.

	EP	MB
EP	0.86	0.01

## Regression Matrix ETA on KSI (Standardized)

	SA	CT
EP	0.36	0.16
MB	0.99	0.00

## Completely Standardized Solution

## LAMBDA-Y

	EP	MB
EP1	1.00	--
EP2	0.98	--
EP3	0.72	--
MB1	--	1.00
MB2	--	0.99
MB3	--	0.89
MB4	--	0.90

## LAMBDA-X

	SA	CT
SA1	0.99	--
SA2	1.00	--
SA3	1.00	--
SA4	1.00	--
CT1	--	0.79
CT2	--	0.94
CT3	--	0.54
CT4	--	0.76

## BETA

	EP	MB
EP	--	--
MB	-0.02	--

## GAMMA

	SA	CT
EP	0.36	0.16
MB	1.00	0.00

## Correlation Matrix of ETA and KSI

	EP	MB	SA	CT
EP	1.00			

MB	0.33	1.00		
SA	0.35	0.99	1.00	
CT	0.12	-0.10	-0.10	1.00

PSI

Note: This matrix is diagonal.

EP	MB
-----	-----
0.86	0.01

THETA-EPS

EP1	EP2	EP3	MB1	MB2	MB3
-----	-----	-----	-----	-----	-----
0.00	0.04	0.48	-0.01	0.02	0.20

THETA-EPS

MB4
-----
0.19

THETA-DELTA

SA1	SA2	SA3	SA4	CT1	CT2
-----	-----	-----	-----	-----	-----
0.01	0.00	0.00	0.00	0.38	0.12

THETA-DELTA

CT3	CT4
-----	-----
0.71	0.42

Regression Matrix ETA on KSI (Standardized)

	SA	CT
	-----	-----
EP	0.36	0.16
MB	0.99	0.00

SEM

Total and Indirect Effects

## Total Effects of KSI on ETA

	SA	CT
EP	0.36 (0.07)	0.16 (0.07)
	5.27	2.25
MB	0.99 (0.05)	0.00 (0.01)
	19.77	0.09

## Indirect Effects of KSI on ETA

	SA	CT
EP	--	--
MB	-0.01 (0.00)	0.00 (0.00)
	-2.34	-1.70

## Total Effects of ETA on ETA

	EP	MB
EP	--	--
MB	-0.02 (0.01)	--
	-2.61	

Largest Eigenvalue of  $B \cdot B'$  (Stability Index) is 0.000

## Total Effects of ETA on Y

	EP	MB
EP1	0.32	--
EP2	0.33 (0.01)	--
	47.83	
EP3	0.25 (0.02)	--
	14.34	
MB1	-0.01 (0.00)	0.63
	-2.61	
MB2	-0.01	0.63



	(0.00)	(0.00)
	-2.61	129.47
MB3	-0.01	0.59
	(0.00)	(0.02)
	-2.60	28.59
MB4	-0.01	0.59
	(0.00)	(0.02)
	-2.60	29.34

## Indirect Effects of ETA on Y

	EP	MB
	-----	-----
EP1	--	--
EP2	--	--
EP3	--	--
MB1	-0.01	--
	(0.00)	
	-2.61	
MB2	-0.01	--
	(0.00)	
	-2.61	
MB3	-0.01	--
	(0.00)	
	-2.60	
MB4	-0.01	--
	(0.00)	
	-2.60	

## Total Effects of KSI on Y

	SA	CT
	-----	-----
EP1	0.12	0.05
	(0.02)	(0.02)
	5.27	2.25
EP2	0.12	0.05
	(0.02)	(0.02)
	5.24	2.25
EP3	0.09	0.04
	(0.02)	(0.02)
	4.95	2.22
MB1	0.62	0.00
	(0.03)	(0.00)
	19.77	0.09
MB2	0.63	0.00

	(0.03)	(0.00)
	19.34	0.09
MB3	0.59	0.00
	(0.04)	(0.00)
	16.14	0.09
MB4	0.58	0.00
	(0.04)	(0.00)
	16.27	0.09

SEM

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	SA	CT
	-----	-----
EP	0.36	0.16
MB	0.99	0.00

Standardized Indirect Effects of KSI on ETA

	SA	CT
	-----	-----
EP	--	--
MB	-0.01	0.00

Standardized Total Effects of ETA on ETA

	EP	MB
	-----	-----
EP	--	--
MB	-0.02	--

Standardized Total Effects of ETA on Y

	EP	MB
	-----	-----
EP1	0.32	--
EP2	0.33	--
EP3	0.25	--
MB1	-0.01	0.63
MB2	-0.01	0.63
MB3	-0.01	0.59
MB4	-0.01	0.59

## Completely Standardized Total Effects of ETA on Y

	EP	MB
	-----	-----
EP1	1.00	--
EP2	0.98	--
EP3	0.72	--
MB1	-0.02	1.00
MB2	-0.02	0.99
MB3	-0.01	0.89
MB4	-0.01	0.90

## Standardized Indirect Effects of ETA on Y

	EP	MB
	-----	-----
EP1	--	--
EP2	--	--
EP3	--	--
MB1	-0.01	--
MB2	-0.01	--
MB3	-0.01	--
MB4	-0.01	--

## Completely Standardized Indirect Effects of ETA on Y

	EP	MB
	-----	-----
EP1	--	--
EP2	--	--
EP3	--	--
MB1	-0.02	--
MB2	-0.02	--
MB3	-0.01	--
MB4	-0.01	--

## Standardized Total Effects of KSI on Y

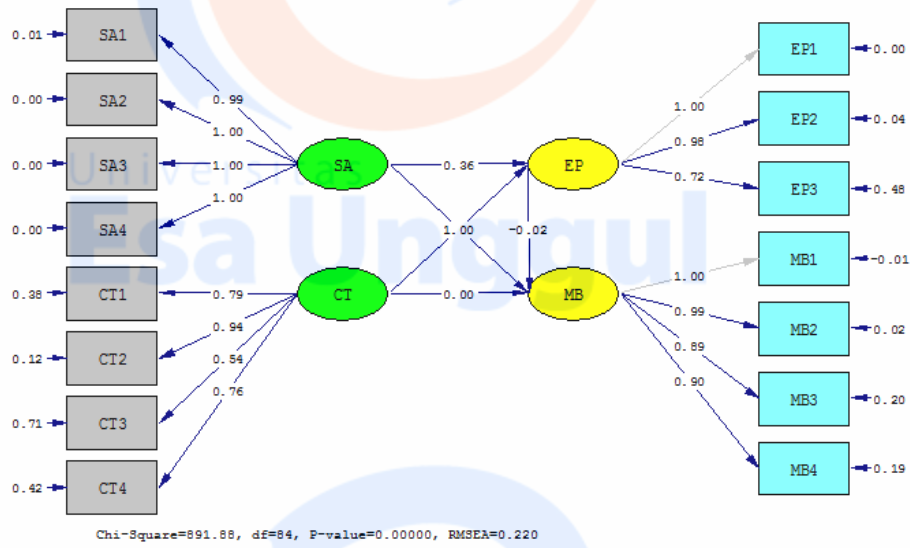
	SA	CT
	-----	-----
EP1	0.12	0.05
EP2	0.12	0.05
EP3	0.09	0.04
MB1	0.62	0.00
MB2	0.63	0.00
MB3	0.59	0.00

MB4 0.58 0.00

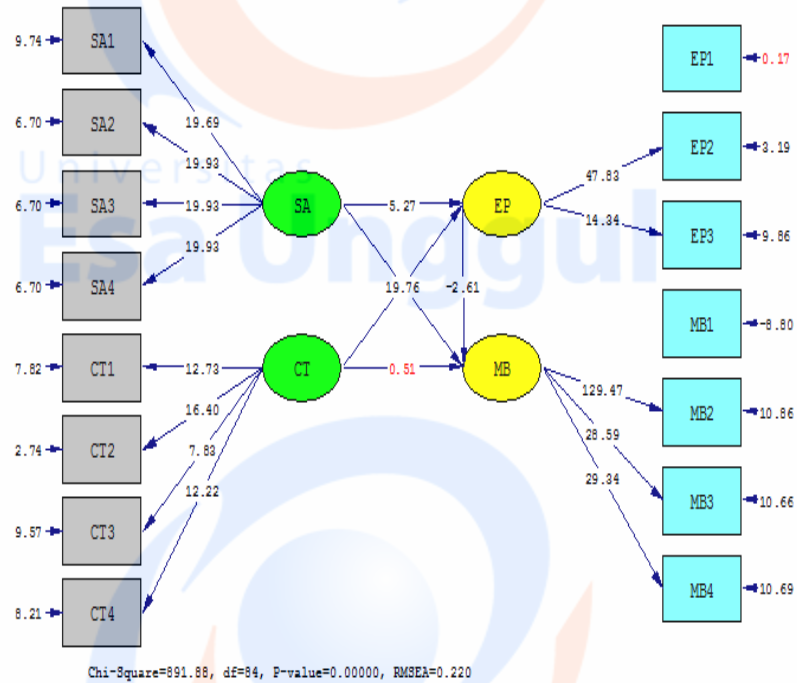
Completely Standardized Total Effects of KSI on Y

	SA	CT
	-----	-----
EP1	0.36	0.16
EP2	0.35	0.15
EP3	0.26	0.11
MB1	1.00	0.00
MB2	0.98	0.00
MB3	0.89	0.00
MB4	0.89	0.00

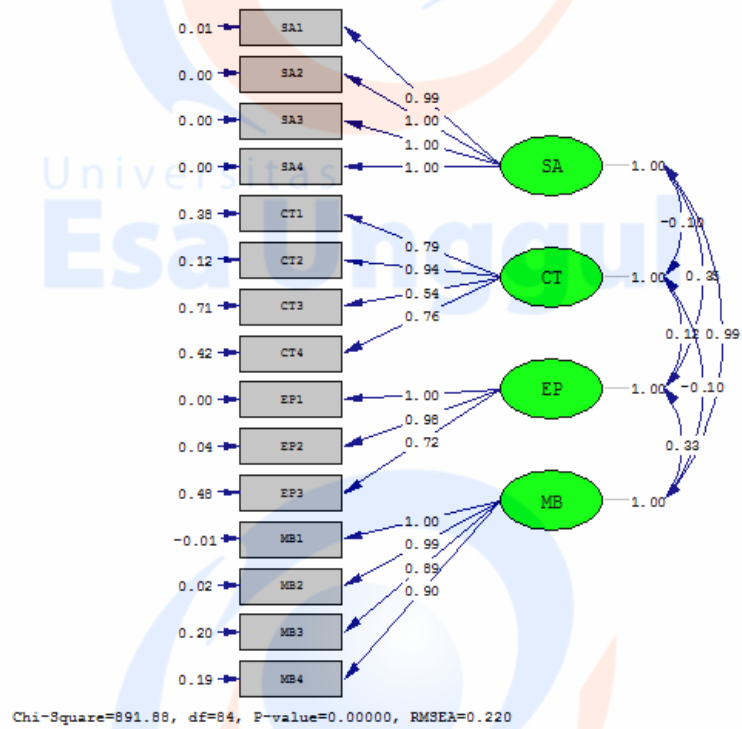
Time used: 0.094 Seconds



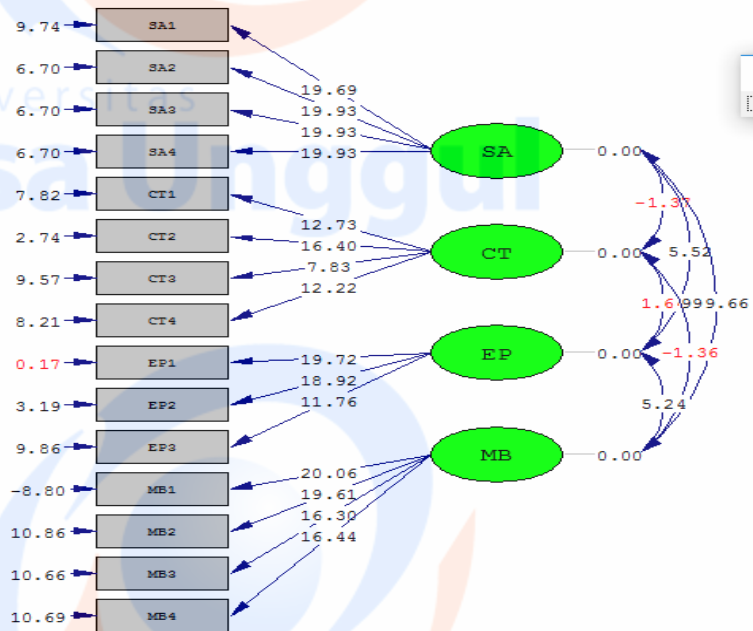
**Path Diagram Standardized Solution**



**Path Diagram t-value**



Path Diagram Pengukuran CR dan VE *Standardized Solution*



Path Diagram Pengukuran CR dan VE *t-value*