ภาคผนวก ฉ

ผลการวิเคราะห์องค์ประกอบเชิงยืนยันอันดับสอง ด้วยโปรแกรม LISREL 8.52

DATE: 3/29/2018

TIME: 16:32

L I S R E L 8.52

BY

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The following lines were read from file C:\Users\Admin\Desktop\ACC.LPJ:

TI ACC

!DA NI=19 NO=415 NG=1 MA=CM

SY='C:\Users\Admin\Desktop\ACC.dsf' NG=1

SE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

19 /

MO NX=19 NK=4 LX=FU,FI PH=SY,FR TD=SY,FI

LK

AC1 AC2 AC3 AC4

FR LX(1,1) LX(2,1) LX(3,1) LX(4,2) LX(5,2) LX(6,2) LX(7,2) LX(8,2) LX(9,2)

FR LX(10,3) LX(11,3) LX(12,3) LX(13,3) LX(14,4) LX(15,4) LX(16,4) LX(17,4) LX(18,4)

FR LX(19,4)

FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 5 5 TD 6 6 TD 7 7 TD 8 8 TD 9 9 TD 10 10 TD 11 11

FR TD 12 12 TD 13 13 TD 14 14 TD 15 15 TD 16 16 TD 17 17 TD 18 18 TD 19 19 TD 8 7

FR TD 5 4 TD 9 8 TD 9 7 TD 14 13 TD 12 11 TD 16 17 TD 14 12 TD 19 6 TD 11 1 TD 4 1

FR TD 6 5 TD 19 14 TD 14 11 TD 17 18 TD 16 18 TD 2 5 TD 3 4 TD 1 6 TD 4 6 TD 4 19

FR TD 5 19 TD 3 17 TD 3 11 TD 11 16 TD 11 17 TD 18 11 TD 15 7 TD 19 1 TD 5 1

FR TD 10 6 TD 18 2 TD 7 4 TD 15 6 TD 15 5 TD 10 13 TD 10 5 TD 14 10 TD 13 5 TD 12 8

FR TD 6 13 TD 17 12 TD 17 4 TD 9 1 TD 4 13 TD 2 13 TD 15 18

PD

OU ME=ML AM RS EF FS SS IT=250

TI ACC

Number of Input Variables 19

Number of Y – Variables 0

Number of X – Variables 19

Number of ETA – Variables 0

Number of KSI – Variables 4

Number of Observations 415

TI ACC

Number of Iterations = 13

LISREL Estimates (Maximum Likelihood)

LAMBDA-X

	AC1	AC2	AC3	AC4
G1	0.82	- -	- -	- -
	(0.04)			
	20.02			
G2	0.89	- -	- -	- -
	(0.04)			
	22.72			
G3	0.82	- -	- -	- -
	(0.04)			
	19.81			
G4	- -	0.68	- -	- -
		(0.04)		
		15.61		
G5	- -	0.67	- -	- -
		(0.04)		
		15.14		

G6	– –	0.82	– –	– –
		(0.04)		
		19.85		
G7	– –	0.75	– –	– –
		(0.04)		
		17.79		
G8	– –	0.73	– –	– –
		(0.04)		
		17.18		
G9	– –	0.74	– –	– –
		(0.04)		
		17.37		
G10	– –	– –	0.77	– –
			(0.04)	
			17.46	
G11	– –	– –	0.72	– –
			(0.04)	
			16.32	
G12	– –	– –	0.73	– –
			(0.04)	
			16.82	
G13	– –	– –	0.80	– –
			(0.04)	
			18.67	
G14	– –	– –	– –	0.77
				(0.04)
				18.44
G15	– –	– –	– –	0.81
				(0.04)
				19.54
G16	– –	– –	– –	0.79
				(0.04)
				19.04

G17	- -	- -	- -	0.82
				(0.04)
				20.06
G18	- -	- -	- -	0.80
				(0.04)
				19.12
G19	- -	- -	- -	0.71
				(0.04)
				16.28

PHI

	AC1	AC2	AC3	AC4
AC1	1.00			
AC2	0.95	1.00		
	(0.02)			
	57.07			
AC3	0.83	1.02	1.00	
	(0.02)	(0.02)		
	34.41	49.27		
AC4	0.91	1.02	0.92	1.00
	(0.02)	(0.01)	(0.02)	
	58.82	75.03	48.29	

W_A_R_N_I_N_G: PHI is not positive definite

THETA-DELTA

	G1	G2	G3	G4	G5	G6
G1	0.32					
	(0.03)					
	11.67					
G2	- -	0.20				
		(0.02)				
		9.31				

G3	- -	- -	0.33			
			(0.03)			
			11.77			
G4	0.11	- -	0.06	0.54		
	(0.02)		(0.02)	(0.04)		
	4.80		3.09	14.10		
G5	0.05	−0.05	- -	0.24	0.55	
	(0.02)	(0.02)		(0.03)	(0.04)	
	2.07	−2.75		7.86	13.73	
G6	0.06	- -	- -	0.08	0.09	0.33
	(0.02)		(0.02)	(0.02)	(0.03)	
	3.26		3.53	3.54	12.11	
G7	- -	- -	- -	0.04	- -	- -
			(0.02)			
			2.44			
G8	- -	- -	- -	- -	- -	- -
G9	−0.03	- -	- -	- -	- -	- -
	(0.02)					
	−1.79					
G10	- -	- -	- -	- -	−0.07	−0.09
					(0.02)	(0.02)
					−2.95	−3.98
G11	0.06	- -	−0.06	- -	- -	- -
	(0.02)		(0.02)			
	2.96		−2.61			
G12	- -	- -	- -	- -	- -	- -
G13	- -	0.03	- -	−0.04	−0.08	−0.05
		(0.02)		(0.02)	(0.02)	(0.02)
		1.77		−1.87	−3.31	−2.38
G14	- -	- -	- -	- -	- -	- -

G15	- -	- -	- -	- -	-0.06	-0.05
					(0.02)	(0.02)
					-2.56	-2.66
G16	- -	- -	- -	- -	- -	- -
G17	- -	- -	-0.04	0.03	- -	- -
			(0.02)	(0.02)		
			-2.40	1.98		
G18	- -	0.03	- -	- -	- -	- -
		(0.02)				
		1.92				
G19	0.06	- -	- -	0.11	0.07	0.06
	(0.02)			(0.03)	(0.03)	(0.02)
	2.54			4.28	2.62	2.79

THETA-DELTA

	G7	G8	G9	G10	G11	G12
G7	0.43					
	(0.03)					
	13.58					
G8	0.27	0.47				
	(0.03)	(0.03)				
	9.65	13.79				
G9	0.20	0.25	0.45			
	(0.03)	(0.03)	(0.03)			
	7.61	9.09	13.76			
G10	- -	- -	- -	0.41		
				(0.04)		
				11.38		
G11	- -	- -	- -	- -	0.50	
					(0.04)	
					13.16	
G12	- -	-0.03	- -	- -	0.14	0.47
		(0.02)		(0.03)	(0.04)	
		-2.01		5.03	12.99	

G13 - - - - - - -0.07 - - - -

(0.03)

-2.77

G14 - - - - - - -0.05 0.06 0.10

(0.02) (0.02) (0.02)

-2.17 2.36 4.24

G15 -0.04 - - - - - - - - - -

(0.02)

-2.44

G16 - - - - - - - - -0.08 - -

(0.02)

-3.47

G17 - - - - - - - - -0.05 0.04

(0.02) (0.02)

-2.18 2.19

G18 - - - - - - - - -0.04 - -

(0.02)

-2.01

G19 - - - - - - - - - - - -

THETA-DELTA

	G13	G14	G15	G16	G17	G18
G13	0.36					
	(0.03)					
	10.56					
G14	0.14	0.40				
	(0.02)	(0.03)				
	5.78	13.08				
G15	- -	- -	0.35			
			(0.03)			
			12.38			
G16	- -	- -	- -	0.37		

(0.03)

12.65

G17 - - - - - - 0.09 0.33

(0.02) (0.03)

4.05 12.27

G18 - - - - -0.03 0.05 0.07 0.36

(0.02) (0.02) (0.02) (0.03)

-1.63 2.48 3.19 12.02

G19 - - -0.06 - - - - - - - -

(0.02)

-2.92

THETA-DELTA

G19

G19 0.50

(0.04)

13.31

Squared Multiple Correlations for X - Variables

G1 G2 G3 G4 G5 G6

-------- -------- -------- -------- -------- --------

0.68 0.80 0.67 0.46 0.45 0.67

Squared Multiple Correlations for X - Variables

G7 G8 G9 G10 G11 G12

-------- -------- -------- -------- -------- --------

0.57 0.54 0.54 0.59 0.51 0.53

Squared Multiple Correlations for X - Variables

G13 G14 G15 G16 G17 G18

-------- -------- -------- -------- -------- --------

0.64 0.60 0.65 0.63 0.67 0.64

Squared Multiple Correlations for X - Variables

G19

0.50

Goodness of Fit Statistics

Degrees of Freedom = 99

Minimum Fit Function Chi-Square = 77.90 (P = 0.94)

Normal Theory Weighted Least Squares Chi-Square = 76.43 (P = 0.96)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 0.0)

Minimum Fit Function Value = 0.19

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.0)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.68

90 Percent Confidence Interval for ECVI = (0.68 ; 0.68)

ECVI for Saturated Model = 0.92

ECVI for Independence Model = 58.81

Chi-Square for Independence Model with 171 Degrees of Freedom = 24308.68

Independence AIC = 24346.68

Model AIC = 258.43

Saturated AIC = 380.00

Independence CAIC = 24442.22

Model CAIC = 716.01

Saturated CAIC = 1335.37

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.00

Parsimony Normed Fit Index (PNFI) = 0.58

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 0.99

Critical N (CN) = 716.57

Root Mean Square Residual (RMR) = 0.017

Standardized RMR = 0.017

Goodness of Fit Index (GFI) = 0.98

Adjusted Goodness of Fit Index (AGFI) = 0.96

Parsimony Goodness of Fit Index (PGFI) = 0.51

TI ACC

Factor Scores Regressions

KSI

	G1	G2	G3	G4	G5	G6
AC1	0.20	0.35	0.21	-0.09	0.09	0.05
AC2	0.06	0.10	0.13	-0.11	0.06	0.00
AC3	-0.07	0.00	0.02	0.03	0.12	0.26
AC4	0.00	0.08	0.07	-0.02	0.08	0.15

KSI

	G7	G8	G9	G10	G11	G12
AC1	0.05	-0.01	0.04	0.04	0.02	-0.02
AC2	0.00	-0.03	-0.03	0.18	0.13	0.05
AC3	0.08	0.04	0.05	0.21	0.09	0.08
AC4	0.08	0.01	0.04	0.08	0.05	-0.03

KSI

	G13	G14	G15	G16	G17	G18
AC1	-0.02	0.05	0.07	0.02	0.08	0.00
AC2	0.17	0.05	0.14	0.09	0.12	0.09
AC3	0.26	-0.08	0.09	0.03	0.01	0.03
AC4	0.03	0.11	0.17	0.08	0.11	0.09

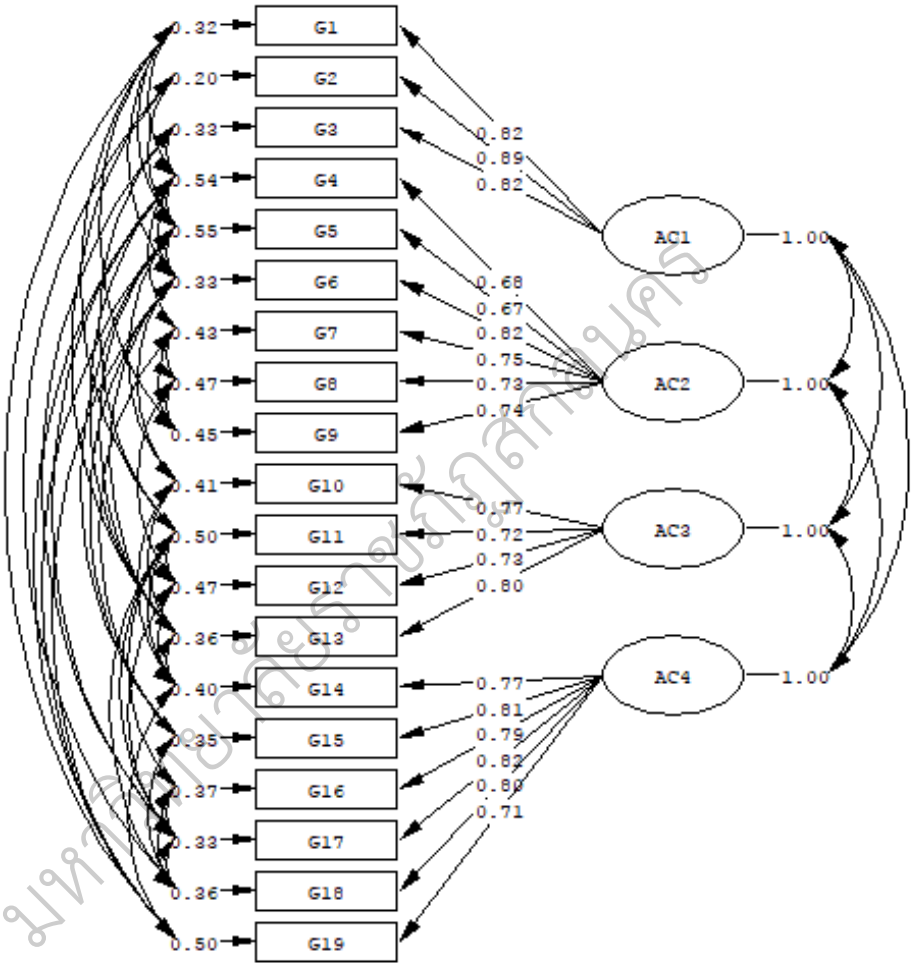
KSI

	G19
AC1	0.01
AC2	0.09
AC3	-0.05
AC4	0.06

PHI

	AC1	AC2	AC3	AC4

AC1	1.00			
AC2	0.95	1.00		
AC3	0.83	1.02	1.00	
AC4	0.91	1.02	0.92	1.00



Chi-Square=76.43, df=99, P-value=0.95510, RMSEA=0.000

DATE: 3/29/2018

TIME: 17:31

L I S R E L 8.52

BY

Karl G. J"reskog& Dag S"rbom

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The following lines were read from file C:\Users\Admin\Desktop\RES.LPJ:

TI RES

!DA NI=18 NO=415 NG=1 MA=CM

SY='C:\Users\Admin\Desktop\RES.dsf' NG=1

SE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 /

MO NX=18 NK=6 LX=FU,FI PH=SY,FR TD=SY,FI

LK

RE1 RE2 RE3 RE4 RE5 RE6

FR LX(1,1) LX(2,1) LX(3,2) LX(4,2) LX(5,2) LX(6,3) LX(7,3) LX(8,3) LX(9,3)

FR LX(10,4) LX(11,4) LX(12,5) LX(13,5) LX(14,5) LX(15,5) LX(16,6) LX(17,6) LX(18,6)

FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 5 5 TD 6 6 TD 7 7 TD 8 8 TD 9 9 TD 10 10 TD 11 11

FR TD 12 12 TD 13 13 TD 14 14 TD 15 15 TD 16 16 TD 17 17 TD 18 18 TD 14 15 TD 5 6

FR TD 9 10 TD 15 16 TD 14 16 TD 3 4 TD 7 8 TD 6 7 TD 5 7 TD 2 5 TD 1 5 TD 6 8

FR TD 5 8 TD 11 14 TD 12 13 TD 16 18 TD 6 15 TD 15 17 TD 14 17 TD 12 8 TD 2 7

FR TD 14 18 TD 15 18 TD 7 18 TD 2 18 TD 4 12 TD 1 4 TD 1 3 TD 7 10 TD 13 7 TD 12 7

FR TD 6 11 TD 4 7 TD 12 14 TD 4 8 TD 4 14 TD 9 17 TD 11 15 TD 4 18 TD 4 17 TD 2 17

PD

OU ME=ML AM RS EF FS SS IT=250

TI RES

Number of Input Variables 18

Number of Y – Variables 0

Number of X – Variables 18

Number of ETA – Variables 0

Number of KSI – Variables 6

Number of Observations 415

TI RES

Number of Iterations = 25

LISREL Estimates (Maximum Likelihood)

LAMBDA-X

	RE1	RE2	RE3	RE4	RE5	RE6
G20	0.86	- -	- -	- -	- -	- -
	(0.04)					
	20.34					
G21	0.81	- -	- -	- -	- -	- -
	(0.04)					
	18.80					
G22	- -	0.78	- -	- -	- -	- -
		(0.04)				
		18.23				
G23	- -	0.70	- -	- -	- -	- -
		(0.04)				
		16.11				
G24	- -	0.75	- -	- -	- -	- -
		(0.04)				
		17.28				
G25	- -	- -	0.75	- -	- -	- -
			(0.04)			
			17.36			
G26	- -	- -	0.78	- -	- -	- -
			(0.04)			
			18.37			
G27	- -	- -	0.81	- -	- -	- -

			(0.04)			
			19.48			
G28	– –	– –	0.82	– –	– –	– –
			(0.04)			
			19.77			
G29	– –	– –	– –	0.79	– –	– –
			(0.04)			
			18.70			
G30	– –	– –	– –	0.80	– –	– –
			(0.04)			
			18.79			
G31	– –	– –	– –	– –	0.82	– –
				(0.04)		
				19.29		
G32	– –	– –	– –	– –	0.76	– –
				(0.04)		
				17.56		
G33	– –	– –	– –	– –	0.67	– –
				(0.04)		
				14.93		
G34	– –	– –	– –	– –	0.62	– –
				(0.05)		
				13.73		
G35	– –	– –	– –	– –	– –	0.79
					(0.04)	
					17.98	
G36	– –	– –	– –	– –	– –	0.86
					(0.04)	
					20.88	
G37	– –	– –	– –	– –	– –	0.71
					(0.05)	
					15.46	

PHI

	RE1	RE2	RE3	RE4	RE5	RE6
RE1	1.00					
RE2	1.18	1.00				
	(0.04)					
	26.50					
RE3	0.83	0.96	1.00			
	(0.03)	(0.02)				
	30.77	51.34				
RE4	0.83	0.97	1.01	1.00		
	(0.03)	(0.02)	(0.02)			
	27.71	40.40	56.61			
RE5	0.86	1.01	1.01	1.05	1.00	
	(0.03)	(0.02)	(0.02)	(0.03)		
	30.13	42.80	48.41	40.03		
RE6	0.67	0.84	0.81	0.79	0.80	1.00
	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	
	19.08	30.71	31.40	26.23	28.55	

W_A_R_N_I_N_G: PHI is not positive definite

THETA-DELTA

	G20	G21	G22	G23	G24	G25
G20	0.26					
	(0.03)					
	7.58					
G21	- -	0.34				
		(0.03)				
		9.79				
G22	-0.09	- -	0.39			
	(0.03)		(0.03)			
	-2.82		11.68			
G23	-0.11	- -	0.17	0.50		
	(0.03)		(0.03)	(0.04)		

	−3.69		5.73	13.45		
G24	−0.21	−0.20	– –	– –	0.44	
	(0.04)	(0.03)		(0.04)		
	−5.25	−5.86		12.09		
G25	– –	– –	– –	– –	0.25	0.44
				(0.03)	(0.04)	
				8.81	12.33	
G26	– –	0.06	– –	0.05	0.15	0.20
	(0.02)		(0.02)	(0.02)	(0.03)	
	4.14		2.79	6.33	7.75	
G27	– –	– –	– –	0.04	0.11	0.13
			(0.02)	(0.02)	(0.03)	
			2.43	4.44	5.11	
G28	– –	– –	– –	– –	– –	– –
G29	– –	– –	– –	– –	– –	– –
G30	– –	– –	– –	– –	– –	−0.04
					(0.02)	
					−2.51	
G31	– –	– –	– –	−0.05	– –	– –
			(0.02)			
			−2.50			
G32	– –	– –	– –	– –	– –	– –
G33	– –	– –	– –	0.05	– –	– –
			(0.02)			
			2.60			
G34	– –	– –	– –	– –	– –	−0.06
					(0.02)	
					−3.80	
G35	– –	– –	– –	– –	– –	– –
G36	– –	0.04	– –	0.05	– –	– –
	(0.02)		(0.02)			
	2.15		2.39			
G37	– –	0.10	– –	0.06	– –	– –
	(0.03)		(0.03)			

3.81 2.38

THETA-DELTA

	G26	G27	G28	G29	G30	G31
G26	0.39					
	(0.03)					
	12.37					
G27	0.12	0.34				
	(0.02)	(0.03)				
	5.20	11.38				
G28	- -	- -	0.33			
			(0.03)			
			11.84			
G29	0.06	- -	0.11	0.37		
	(0.02)		(0.02)	(0.03)		
	3.61		5.05	11.98		
G30	- -	- -	- -	- -	0.36	
					(0.03)	
					11.17	
G31	0.06	-0.04	- -	- -	- -	0.33
	(0.02)	(0.02)				(0.03)
	3.46	-2.56				9.94
G32	0.07	- -	- -	- -	- -	0.07
	(0.02)					(0.03)
	4.01					2.57
G33	- -	- -	- -	- -	-0.13	-0.05
					(0.02)	(0.02)
					-5.31	-2.42
G34	- -	- -	- -	- -	-0.04	- -
					(0.02)	
					-1.81	
G35	- -	- -	- -	- -	- -	- -
G36	- -	- -	0.03	- -	- -	- -
			(0.02)			

1.92

G37 0.01 - - - - - - - - - -

(0.02)

0.70

THETA-DELTA

	G32	G33	G34	G35	G36	G37
G32	0.42					
	(0.04)					
	11.87					
G33	- -	0.55				
		(0.04)				
		13.07				
G34	- -	0.29	0.61			
		(0.03)	(0.04)			
		8.34	13.73			
G35	- -	0.20	0.28	0.37		
		(0.03)	(0.03)	(0.04)		
		6.32	8.20	9.98		
G36	- -	0.15	0.18	- -	0.25	
		(0.03)	(0.03)		(0.03)	
		4.89	5.87		8.03	
G37	- -	0.14	0.14	-0.10	- -	0.49
		(0.03)	(0.03)	(0.03)		(0.04)
		4.35	4.20	-3.52		11.42

Squared Multiple Correlations for X - Variables

G20	G21	G22	G23	G24	G25
0.74	0.66	0.61	0.50	0.57	0.57

Squared Multiple Correlations for X - Variables

G26	G27	G28	G29	G30	G31
0.61	0.66	0.67	0.62	0.64	0.67

Squared Multiple Correlations for X - Variables

G32	G33	G34	G35	G36	G37
0.58	0.45	0.39	0.63	0.75	0.51

Goodness of Fit Statistics

Degrees of Freedom = 79

Minimum Fit Function Chi-Square = 57.67 (P = 0.97)

Normal Theory Weighted Least Squares Chi-Square = 56.25 (P = 0.98)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 0.0)

Minimum Fit Function Value = 0.14

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.0)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.64

90 Percent Confidence Interval for ECVI = (0.64 ; 0.64)

ECVI for Saturated Model = 0.83

ECVI for Independence Model = 50.23

Chi-Square for Independence Model with 153 Degrees of Freedom = 20760.00

Independence AIC = 20796.00

Model AIC = 240.25

Saturated AIC = 342.00

Independence CAIC = 20886.51

Model CAIC = 702.85

Saturated CAIC = 1201.84

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.00

Parsimony Normed Fit Index (PNFI) = 0.51

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 0.99

Critical N (CN) = 798.87

Root Mean Square Residual (RMR) = 0.015

Standardized RMR = 0.015

Goodness of Fit Index (GFI) = 0.99

Adjusted Goodness of Fit Index (AGFI) = 0.97

Parsimony Goodness of Fit Index (PGFI) = 0.46

TI RES

Factor Scores Regressions

KSI

	G20	G21	G22	G23	G24	G25
RE1	0.27	0.08	0.37	0.27	0.81	-0.36
RE2	0.60	0.58	-0.38	-0.13	0.09	0.03
RE3	0.06	0.02	0.04	0.01	-0.02	0.11
RE4	0.04	0.02	0.04	0.02	-0.04	0.13
RE5	0.07	0.01	0.10	0.05	0.08	0.07
RE6	0.07	-0.12	0.13	-0.03	0.07	-0.07

KSI

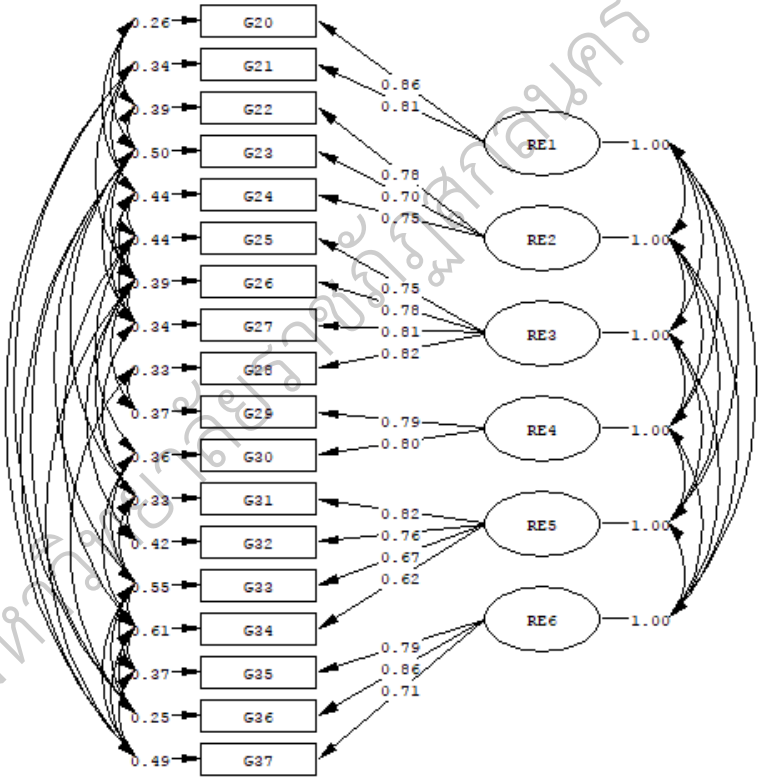
	G26	G27	G28	G29	G30	G31
RE1	-0.13	-0.06	0.03	0.04	-0.01	0.02
RE2	-0.18	0.11	0.02	0.06	0.06	0.15
RE3	-0.04	0.15	0.11	0.11	0.19	0.18
RE4	-0.05	0.16	0.15	0.03	0.15	0.26
RE5	-0.03	0.12	0.09	0.17	0.24	0.10
RE6	0.04	0.09	0.02	0.09	0.00	0.03

KSI

	G32	G33	G34	G35	G36	G37
RE1	-0.01	0.01	0.00	-0.03	-0.09	-0.06
RE2	0.10	0.07	-0.04	0.10	0.09	-0.01
RE3	0.09	0.10	0.01	0.02	0.04	0.02
RE4	0.13	0.15	0.07	-0.04	-0.01	-0.01
RE5	0.04	0.09	0.00	0.01	0.02	0.01
RE6	0.03	-0.17	-0.32	0.47	0.45	0.30

PHI

	RE1	RE2	RE3	RE4	RE5	RE6
RE1	1.00					
RE2	1.18	1.00				
RE3	0.83	0.96	1.00			
RE4	0.83	0.97	1.01	1.00		
RE5	0.86	1.01	1.01	1.05	1.00	
RE6	0.67	0.84	0.81	0.79	0.80	1.00



Chi-Square=56.25, df=79, P-value=0.97534, RMSEA=0.000

L I S R E L 8.52

BY

Karl G. J”reskog& Dag S”rbom

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The following lines were read from file C:\Users\Admin\Desktop\PAR.LPJ:

TI PAR

!DA NI=9 NO=415 NG=1 MA=CM

SY='C:\Users\Admin\Desktop\PAR.dsf' NG=1

SE

1 2 3 4 5 6 7 8 9 /

MO NX=9 NK=4 LX=FU,FI PH=SY,FR TD=SY,FI

LK

PA1 PA2 PA3 PA4

FR LX(1,1) LX(2,1) LX(3,2) LX(4,2) LX(5,2) LX(6,3) LX(7,3) LX(8,4) LX(9,4)

FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 5 5 TD 6 6 TD 7 7 TD 8 8 TD 9 9 TD 2 4

FR TD 7 8 TD 4 9 TD 6 8 TD 5 7 TD 4 6 TD 5 8 TD 5 6 TD 5 9 TD 2 6 TD 2 7

FR TD 8 1 TD 1 9 TD 3 1 TD 4 7 TD 4 8 TD 4 5

PD

OU ME=ML AM RS EF FS SS IT=250

TI PAR

Number of Input Variables 9

Number of Y – Variables 0

Number of X – Variables 9

Number of ETA – Variables 0

Number of KSI – Variables 4

Number of Observations 415

TI PAR

Number of Iterations = 13

LISREL Estimates (Maximum Likelihood)

LAMBDA-X

	PA1	PA2	PA3	PA4
G38	0.90	- -	- -	- -
	(0.04)			
	20.15			
G39	0.75	- -	- -	- -
	(0.05)			
	16.53			
G40	- -	0.83	- -	- -
		(0.05)		
		17.94		
G41	- -	0.80	- -	- -
		(0.05)		
		16.90		
G42	- -	0.78	- -	- -
		(0.05)		
		16.62		
G43	- -	- -	0.90	- -
			(0.04)	

			21.62	
G44	- -	- -	0.83	- -
			(0.04)	
			19.38	
G45	- -	- -	- -	0.70
				(0.05)
				13.44
G46	- -	- -	- -	0.88
				(0.05)
				16.48

PHI

	PA1	PA2	PA3	PA4
PA1	1.00			
PA2	0.92	1.00		
	(0.02)			
	37.52			
PA3	0.70	0.63	1.00	
	(0.04)	(0.05)		
	17.50	13.27		
PA4	0.60	0.67	0.83	1.00
	(0.05)	(0.05)	(0.04)	
	11.10	13.47	20.28	

THETA-DELTA

	G38	G39	G40	G41	G42	G43
G38	0.20					
	(0.04)					
	4.50					

G39 - - 0.43

(0.04)

10.40

G40 -0.04 - - 0.31

(0.04) (0.04)

-0.97 7.02

G41 - - 0.08 - - 0.36

(0.03) (0.05)

2.69 7.94

G42 - - - - - - 0.01 0.40

(0.04) (0.04)

0.22 8.88

G43 - - -0.10 - - -0.05 0.11 0.20

(0.03) (0.04) (0.04) (0.03)

-2.87 -1.18 2.78 6.08

G44 - - -0.08 - - -0.01 0.16 - -

(0.03) (0.04) (0.04)

-2.62 -0.20 4.02

G45 0.09 - - - - 0.02 0.16 0.17

(0.03) (0.04) (0.04) (0.05)

2.56 0.43 3.84 3.60

G46 0.04 - - - - -0.10 0.07 - -

(0.04) (0.04) (0.04)

1.18 -2.66 1.74

THETA-DELTA

G44 G45 G46

-------- -------- --------

G44 0.32

(0.03)

9.48

G45 0.24 0.51

(0.05) (0.05)

5.17 9.45

G46 - - - - 0.23

(0.07)

3.44

Squared Multiple Correlations for X - Variables

G38	G39	G40	G41	G42	G43
0.80	0.57	0.69	0.64	0.60	0.80

Squared Multiple Correlations for X - Variables

G44	G45	G46
0.68	0.49	0.77

Goodness of Fit Statistics

Degrees of Freedom = 4

Minimum Fit Function Chi-Square = 0.029 (P = 1.00)

Normal Theory Weighted Least Squares Chi-Square = 0.029 (P = 1.00)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 0.0)

Minimum Fit Function Value = 0.00

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.0)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.21

90 Percent Confidence Interval for ECVI = (0.21 ; 0.21)

ECVI for Saturated Model = 0.22

ECVI for Independence Model = 10.93

Chi-Square for Independence Model with 36 Degrees of Freedom = 4505.37

Independence AIC = 4523.37

Model AIC = 82.03

Saturated AIC = 90.00

Independence CAIC = 4568.62

Model CAIC = 288.19

Saturated CAIC = 316.27

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.01

Parsimony Normed Fit Index (PNFI) = 0.11

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 1.00

Critical N (CN) = 192637.39

Root Mean Square Residual (RMR) = 0.00047

Standardized RMR = 0.00047

Goodness of Fit Index (GFI) = 1.00

Adjusted Goodness of Fit Index (AGFI) = 1.00

Parsimony Goodness of Fit Index (PGFI) = 0.089

TI PAR

Factor Scores Regressions

KSI

	G38	G39	G40	G41	G42	G43
PA1	0.48	0.18	0.19	0.10	0.08	0.19
PA2	0.29	0.04	0.29	0.24	0.20	0.02

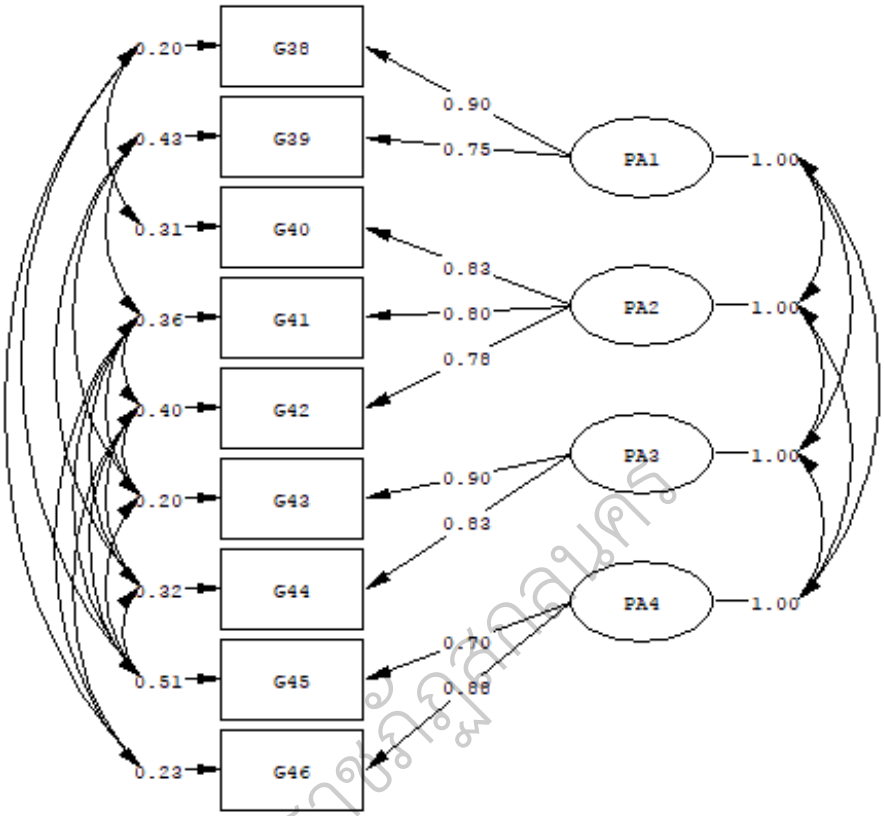
PA3	0.02	0.17	0.01	0.14	−0.29	0.62
PA4	−0.14	0.02	0.08	0.28	−0.19	0.20

KSI

	G44	G45	G46
PA1	0.14	−0.23	−0.03
PA2	−0.03	−0.06	0.13
PA3	0.48	−0.32	0.25
PA4	0.08	0.12	0.65

PHI

	PA1	PA2	PA3	PA4
PA1	1.00			
PA2	0.92	1.00		
PA3	0.70	0.63	1.00	
PA4	0.60	0.67	0.83	1.00



Chi-Square=0.03, df=4, P-value=0.99990, RMSEA=0.000

DATE: 3/30/2018

TIME: 11:27

L I S R E L 8.52

BY

Karl G. J"reskog& Dag S"rbom

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The following lines were read from file C:\Users\Admin\Desktop\RUL.LPJ:

```
TI RUL
!DA NI=9 NO=415 NG=1 MA=CM
SY='C:\Users\Admin\Desktop\RUL.dsf' NG=1
SE
1 2 3 4 5 6 7 8 9 /
MO NX=9 NK=4 LX=FU,FI PH=SY,FR TD=SY,FI
LK
RU1 RU2 RU3 RU4
FR LX(1,1) LX(2,1) LX(3,1) LX(4,2) LX(5,2) LX(6,3) LX(7,3) LX(8,4) LX(9,4)
FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 5 5 TD 6 6 TD 7 7 TD 8 8 TD 9 9 TD 2 1
FR TD 3 4 TD 3 5 TD 8 7 TD 8 4 TD 4 2 TD 9 1 TD 2 3 TD 9 6 TD 7 2 TD 8 2
FR TD 6 1 TD 4 6 TD 7 5 TD 9 5
PD
OU ME=ML AM RS EF FS SS IT=250
TI RUL
```

Number of Input Variables 9

Number of Y - Variables 0

Number of X - Variables 9

Number of ETA – Variables 0

Number of KSI – Variables 4

Number of Observations 415

TI RUL

Number of Iterations = 9

LISREL Estimates (Maximum Likelihood)

LAMBDA–X

	RU1	RU2	RU3	RU4
G47	0.64	– –	– –	– –
	(0.05)			
	13.24			
G48	0.75	– –	– –	– –
	(0.05)			
	15.82			
G49	0.78	– –	– –	– –
	(0.05)			
	17.19			
G50	– –	0.90	– –	– –
		(0.04)		
		21.86		
G51	– –	0.88	– –	– –
		(0.04)		
		21.37		
G52	– –	– –	0.76	– –
			(0.05)	
			16.19	
G53	– –	– –	0.75	– –
			(0.05)	
			16.32	
G54	– –	– –	– –	0.75
				(0.04)
				16.77
G55	– –	– –	– –	0.79

(0.04)

17.59

PHI

	RU1	RU2	RU3	RU4
RU1	1.00			
RU2	0.90	1.00		
	(0.03)			
	28.49			
RU3	0.98	0.83	1.00	
	(0.04)	(0.03)		
	27.47	24.60		
RU4	1.01	0.90	0.96	1.00
	(0.03)	(0.03)	(0.03)	
	30.10	30.67	28.95	

W_A_R_N_I_N_G: PHI is not positive definite

THETA-DELTA

	G47	G48	G49	G50	G51	G52
G47	0.59					
	(0.05)					
	12.17					
G48	0.15	0.44				
	(0.04)	(0.05)				
	4.32	9.65				
G49	- -	0.02	0.38			
		(0.03)	(0.04)			
		0.82	9.32			
G50	- -	-0.03	0.18	0.19		
		(0.02)	(0.04)	(0.03)		
		-1.43	5.08	6.00		
G51	- -	- -	0.13	- -	0.23	
			(0.03)		(0.03)	

			4.04		7.46	
G52	-0.01	- -	- -	-0.01	- -	0.43
	(0.03)			(0.02)		(0.04)
	-0.39			-0.43		9.83
G53	- -	0.02	- -	- -	0.01	- -
		(0.03)			(0.02)	
		0.72			0.35	
G54	- -	0.01	- -	-0.05	- -	- -
		(0.03)		(0.02)		
		0.41		-2.66		
G55	-0.06	- -	- -	- -	0.01	-0.03
	(0.03)				(0.02)	(0.03)
	-1.99				0.23	-0.94

THETA-DELTA

	G53	G54	G55
G53	0.44		
	(0.04)		
	10.60		
G54	0.11	0.44	
	(0.03)	(0.04)	
	3.76	11.18	
G55	- -	- -	0.38
			(0.04)
			9.64

Squared Multiple Correlations for X - Variables

G47	G48	G49	G50	G51	G52
0.41	0.56	0.62	0.81	0.77	0.57

Squared Multiple Correlations for X - Variables

G53	G54	G55
0.56	0.56	0.62

Goodness of Fit Statistics

Degrees of Freedom = 6

Minimum Fit Function Chi-Square = 0.090 (P = 1.00)

Normal Theory Weighted Least Squares Chi-Square = 0.091 (P = 1.00)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 0.0)

Minimum Fit Function Value = 0.00022

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.0)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.20

90 Percent Confidence Interval for ECVI = (0.20 ; 0.20)

ECVI for Saturated Model = 0.22

ECVI for Independence Model = 12.47

Chi-Square for Independence Model with 36 Degrees of Freedom = 5146.03

Independence AIC = 5164.03

Model AIC = 78.09

Saturated AIC = 90.00

Independence CAIC = 5209.28

Model CAIC = 274.19

Saturated CAIC = 316.27

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.01

Parsimony Normed Fit Index (PNFI) = 0.17

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 1.00

Critical N (CN) = 76963.96

Root Mean Square Residual (RMR) = 0.0012

Standardized RMR = 0.0012

Goodness of Fit Index (GFI) = 1.00

Adjusted Goodness of Fit Index (AGFI) = 1.00

Parsimony Goodness of Fit Index (PGFI) = 0.13

TI RUL

Factor Scores Regressions

KSI

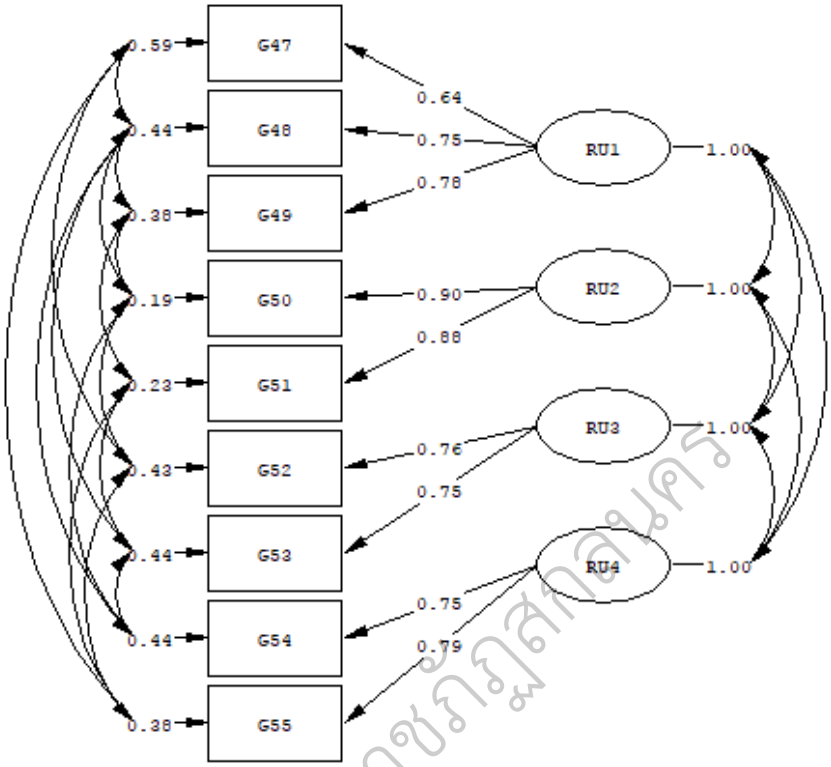
	G47	G48	G49	G50	G51	G52
RU1	0.08	0.11	0.00	0.22	0.11	0.18
RU2	0.01	0.12	-0.38	0.65	0.40	0.07
RU3	0.09	0.11	0.14	0.07	0.03	0.24
RU4	0.09	0.14	0.07	0.19	0.10	0.16

KSI

	G53	G54	G55
RU1	0.11	0.16	0.23
RU2	0.00	0.14	0.08
RU3	0.19	0.10	0.20
RU4	0.09	0.15	0.21

PHI

	RU1	RU2	RU3	RU4
RU1	1.00			
RU2	0.90	1.00		
RU3	0.98	0.83	1.00	
RU4	1.01	0.90	0.96	1.00



Chi-Square=0.09, df=6, P-value=0.99999, RMSEA=0.000

DATE: 3/30/2018

TIME: 11:55

L I S R E L 8.52

BY

Karl G. J"reskog& Dag S"rbom

The following lines were read from file C:\Users\Admin\Desktop\MOR.LPJ:

TI MOR

!DA NI=11 NO=415 NG=1 MA=CM

SY='C:\Users\Admin\Desktop\MOR.dsf' NG=1

SE

1 2 3 4 5 6 7 8 9 10 11 /

MO NX=11 NK=3 LX=FU,FI PH=SY,FR TD=SY,FI

LK

MO1 MO2 MO3

FR LX(1,1) LX(2,1) LX(3,1) LX(4,1) LX(5,2) LX(6,2) LX(7,2) LX(8,2) LX(9,3)

FR LX(10,3) LX(11,3)

FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 5 5 TD 6 6 TD 7 7 TD 8 8 TD 9 9 TD 10 10

FR TD 11 11 TD 5 8 TD 5 10 TD 5 7 TD 5 9 TD 5 6 TD 6 9 TD 5 11 TD 1 9 TD 8 10

FR TD 3 11 TD 2 9 TD 8 9 TD 10 9 TD 11 1 TD 10 1 TD 6 2 TD 8 4 TD 10 4 TD 7 4

FR TD 2 1 TD 9 7 TD 8 7 TD 10 3 TD 8 2 TD 11 6 TD 8 1 TD 7 2 TD 4 1 TD 6 1

FR TD 10 7 TD 10 2 TD 9 3 TD 7 1

PD

OU ME=ML AM RS EF FS SS IT=250

TI MOR

Number of Input Variables 11
Number of Y – Variables 0
Number of X – Variables 11
Number of ETA – Variables 0
Number of KSI – Variables 3
Number of Observations 415

TI MOR

Number of Iterations = 9

LISREL Estimates (Maximum Likelihood)

LAMBDA-X

	MO1	MO2	MO3
G56	0.76	- -	- -
	(0.04)		
	16.94		
G57	0.76	- -	- -
	(0.04)		
	17.49		
G58	0.84	- -	- -
	(0.04)		
	20.43		
G59	0.88	- -	- -
	(0.04)		
	22.12		
G60	- -	1.03	- -
		(0.06)	
		18.44	
G61	- -	0.82	- -
		(0.04)	
		18.22	
G62	- -	0.82	- -
		(0.05)	
		17.96	

G63 - - 0.78 - -

(0.05)

16.85

G64 - - - - 0.83

(0.04)

18.74

G65 - - - - 0.75

(0.05)

15.42

G66 - - - - 0.72

(0.05)

16.08

PHI

	MO1	MO2	MO3
MO1	1.00		
MO2	0.80	1.00	
	(0.03)		
	26.28		
MO3	0.93	0.94	1.00
	(0.03)	(0.03)	
	35.11	34.53	

THETA-DELTA

	G56	G57	G58	G59	G60	G61
G56	0.43					
	(0.04)					
	10.96					
G57	0.05	0.43				
	(0.03)	(0.03)				
	1.74	12.35				
G58	- -	- -	0.30			
			(0.03)			
			10.90			

G59	−0.01	- -	- -	0.22		
	(0.02)		(0.02)			
	−0.65		8.80			
G60	- -	- -	- -	- -	−0.06	
					(0.08)	
					−0.66	
G61	−0.01	0.07	- -	- -	−0.26	0.34
	(0.03)	(0.03)		(0.05)	(0.04)	
	−0.50	2.45		−4.93	8.46	
G62	0.01	0.03	- -	−0.01	−0.27	- -
	(0.03)	(0.03)		(0.02)	(0.05)	
	0.43	1.01		−0.50	−5.50	
G63	0.03	0.07	- -	−0.02	−0.29	- -
	(0.03)	(0.03)		(0.02)	(0.05)	
	0.92	2.17		−0.72	−6.09	
G64	−0.03	0.01	−0.02	- -	−0.18	−0.03
	(0.03)	(0.03)	(0.02)		(0.04)	(0.03)
	−1.00	0.54	−1.05		−4.07	−0.84
G65	0.03	0.02	−0.05	−0.07	−0.25	- -
	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	
	0.76	0.51	−1.58	−2.25	−5.78	
G66	0.06	- -	0.03	- -	−0.09	0.01
	(0.03)		(0.02)		(0.04)	(0.03)
	2.27		1.24		−2.31	0.36

THETA-DELTA

	G62	G63	G64	G65	G66
G62	0.33				
	(0.04)				
	7.90				
G63	0.06	0.39			
	(0.04)	(0.04)			
	1.64	8.95			
G64	0.07	0.14	0.31		

	(0.03)	(0.04)	(0.04)		
	2.09	3.98	7.99		
G65	0.03	0.13	0.10	0.43	
	(0.03)	(0.03)	(0.03)	(0.05)	
	0.82	3.81	2.75	8.82	
G66	- -	- -	- -	- -	0.48
					(0.04)
					11.88

Squared Multiple Correlations for X - Variables

G56	G57	G58	G59	G60	G61
0.57	0.57	0.70	0.78	1.06	0.66

Squared Multiple Correlations for X - Variables

G62	G63	G64	G65	G66
0.67	0.61	0.69	0.57	0.52

Goodness of Fit Statistics

Degrees of Freedom = 8

Minimum Fit Function Chi-Square = 0.46 (P = 1.00)

Normal Theory Weighted Least Squares Chi-Square = 0.46 (P = 1.00)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 0.0)

Minimum Fit Function Value = 0.0011

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.0)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.30

90 Percent Confidence Interval for ECVI = (0.30 ; 0.30)

ECVI for Saturated Model = 0.32

ECVI for Independence Model = 19.73

Chi-Square for Independence Model with 55 Degrees of Freedom = 8145.43

Independence AIC = 8167.43

Model AIC = 116.46

Saturated AIC = 132.00

Independence CAIC = 8222.75

Model CAIC = 408.10

Saturated CAIC = 463.87

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.01

Parsimony Normed Fit Index (PNFI) = 0.15

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 1.00

Critical N (CN) = 17926.07

Root Mean Square Residual (RMR) = 0.0018

Standardized RMR = 0.0018

Goodness of Fit Index (GFI) = 1.00

Adjusted Goodness of Fit Index (AGFI) = 1.00

Parsimony Goodness of Fit Index (PGFI) = 0.12

TI MOR

Factor Scores Regressions

KSI

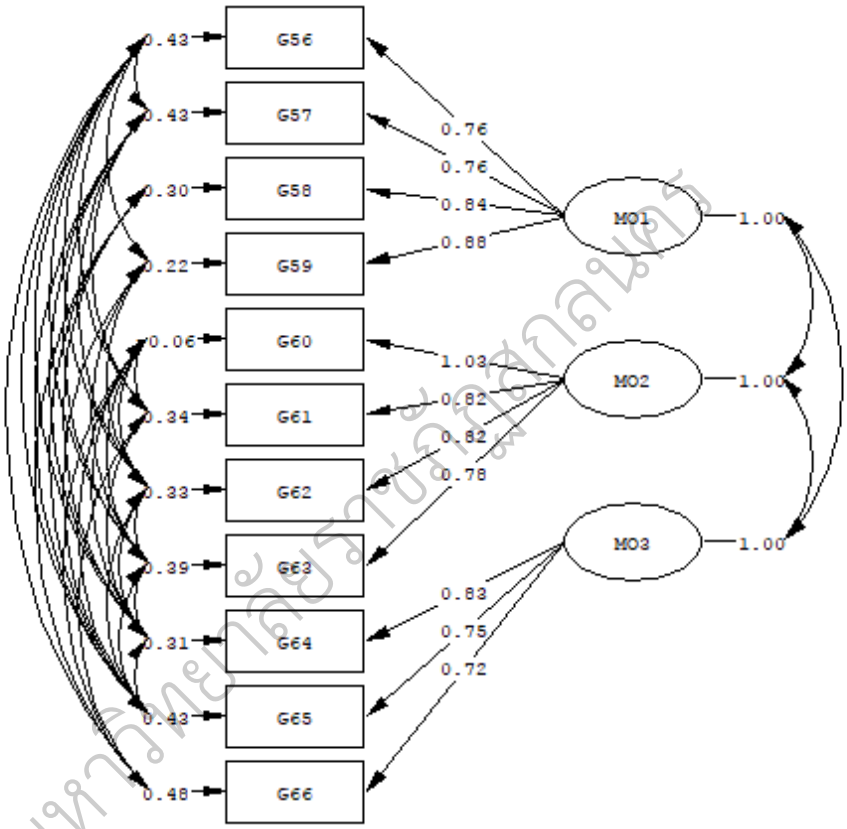
	G56	G57	G58	G59	G60	G61
MO1	0.11	0.10	0.21	0.31	0.20	0.01
MO2	-0.11	-0.17	-0.12	-0.14	1.01	0.20
MO3	-0.02	-0.05	0.03	0.05	0.65	0.11

KSI

	G62	G63	G64	G65	G66
MO1	0.00	-0.06	0.10	0.17	0.00
MO2	0.18	0.21	-0.06	0.21	-0.04
MO3	0.08	0.04	0.09	0.22	0.01

PHI

	MO1	MO2	MO3
MO1	1.00		
MO2	0.80	1.00	
MO3	0.93	0.94	1.00



Chi-Square=0.46, df=8, P-value=0.99990, RMSEA=0.000

TIME: 12:15

L I S R E L 8.52

BY

Karl G. J"reskog& Dag S"rbom

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The following lines were read from file C:\Users\Admin\Desktop\COS.LPJ:

```
TI COS
!DA NI=8 NO=415 NG=1 MA=CM
SY='C:\Users\Admin\Desktop\COS.dsf' NG=1
SE
1 2 3 4 5 6 7 8 /
MO NX=8 NK=3 LX=FU,FI PH=SY,FR TD=SY,FI
LK
CO1 CO2 CO3
FR LX(1,1) LX(2,1) LX(3,2) LX(4,2) LX(5,2) LX(6,3) LX(7,3) LX(8,3)
FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 5 5 TD 6 6 TD 7 7 TD 8 8 TD 4 5
FR TD 3 7 TD 3 8 TD 3 1 TD 4 2 TD 7 4 TD 2 6 TD 2 5 TD 5 8 TD 4 6
FR TD 8 7 TD 6 5
PD
OU ME=ML AM RS EF FS SS IT=250
TI COS
```

Number of Input Variables 8
Number of Y - Variables 0
Number of X - Variables 8
Number of ETA - Variables 0
Number of KSI - Variables 3
Number of Observations 415

```
TI COS
```

Number of Iterations = 6

LISREL Estimates (Maximum Likelihood)

LAMBDA-X

CO1	CO2	CO3
--------	--------	--------

G67 0.84 - - - -

(0.04)

20.17

G68 0.95 - - - -

(0.04)

24.27

G69 - - 0.84 - -

(0.04)

19.94

G70 - - 0.78 - -

(0.04)

17.69

G71 - - 0.78 - -

(0.04)

17.74

G72 - - - - 0.78

(0.04)

18.01

G73 - - - - 0.88

(0.04)

20.30

G74 - - - - 0.83

(0.04)

18.61

PHI

CO1 CO2 CO3

-------- -------- --------

CO1 1.00

CO2 0.95 1.00

(0.02)

51.69

CO3 0.86 1.01 1.00

(0.03) (0.02)

34.11 44.12

W_A_R_N_I_N_G: PHI is not positive definite

THETA-DELTA

	G67	G68	G69	G70	G71	G72
G67	0.30					
	(0.03)					
	10.38					
G68	- -	0.10				
		(0.03)				
		3.74				
G69	0.07	- -	0.30			
	(0.02)		(0.03)			
	3.00		9.25			
G70	- -	-0.05	- -	0.39		
		(0.02)		(0.04)		
		-2.32		10.58		
G71	- -	-0.01	- -	0.16	0.40	
		(0.02)		(0.03)	(0.04)	
		-0.58		5.38	11.05	
G72	- -	-0.01	- -	0.03	0.02	0.39
		(0.02)		(0.03)	(0.03)	(0.04)
		-0.60		1.05	0.57	10.89
G73	- -	- -	-0.11	-0.02	- -	- -
			(0.03)	(0.02)		
			-4.09	-1.13		
G74	- -	- -	-0.07	- -	-0.02	- -
			(0.03)		(0.02)	
			-2.61		-1.13	

THETA-DELTA

	G73	G74
G73	0.22	
	(0.04)	
	5.86	

G74	-0.03	0.31
	(0.03)	(0.04)
	-1.01	7.68

Squared Multiple Correlations for X - Variables

G67	G68	G69	G70	G71	G72
0.70	0.90	0.70	0.61	0.60	0.61

Squared Multiple Correlations for X - Variables

G73	G74
0.78	0.69

Goodness of Fit Statistics

Degrees of Freedom = 5

Minimum Fit Function Chi-Square = 0.43 (P = 0.99)

Normal Theory Weighted Least Squares Chi-Square = 0.43 (P = 0.99)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 0.0)

Minimum Fit Function Value = 0.0010

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.0)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.16

90 Percent Confidence Interval for ECVI = (0.16 ; 0.16)

ECVI for Saturated Model = 0.17

ECVI for Independence Model = 12.49

Chi-Square for Independence Model with 28 Degrees of Freedom = 5154.45

Independence AIC = 5170.45

Model AIC = 62.43

Saturated AIC = 72.00

Independence CAIC = 5210.68

Model CAIC = 218.31

Saturated CAIC = 253.02

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.00

Parsimony Normed Fit Index (PNFI) = 0.18

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 1.00

Critical N (CN) = 14515.64

Root Mean Square Residual (RMR) = 0.0020

Standardized RMR = 0.0020

Goodness of Fit Index (GFI) = 1.00

Adjusted Goodness of Fit Index (AGFI) = 1.00

Parsimony Goodness of Fit Index (PGFI) = 0.14

TI COS

Factor Scores Regressions

KSI

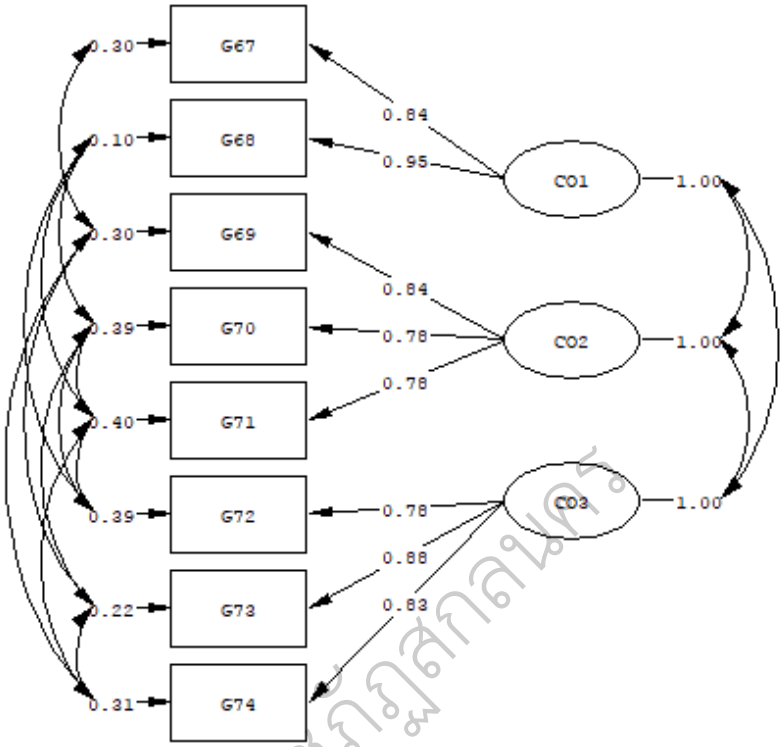
	G67	G68	G69	G70	G71	G72
CO1	0.15	0.63	0.07	0.13	0.02	0.01
CO2	0.04	0.31	0.16	0.06	0.00	0.10
CO3	-0.08	0.06	0.34	0.09	0.07	0.07

KSI

	G73	G74
CO1	0.05	0.02
CO2	0.29	0.19
CO3	0.36	0.23

PHI

	CO1	CO2	CO3
CO1	1.00		
CO2	0.95	1.00	
CO3	0.86	1.01	1.00



Chi-Square=0.43, df=5, P-value=0.99447, RMSEA=0.000

DATE: 6/30/2018

TIME: 15:38

L I S R E L 8.52

BY

Karl G. J"reskog& Dag S"rbom

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The following lines were read from file C:\Users\Admin\Desktop\GOV.LPJ:

TI GOV

```
!DA NI=24 NO=415 NG=1 MA=CM
SY='C:\Users\Admin\Desktop\GOV.dsf' NG=1
SE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 /
MO NY=24 NK=1 NE=6 LY=FU,FI BE=FU,FI GA=FU,FI PH=SY,FR PS=DI,FR TE=SY,FI
LE
ACC RES PAR RUL MOR COS
LK
GOV
FR LY(1,1) LY(2,1) LY(3,1) LY(4,1) LY(5,2) LY(6,2) LY(7,2) LY(8,2) LY(9,2)
FR LY(10,2) LY(11,3) LY(12,3) LY(13,3) LY(14,3) LY(15,4) LY(16,4) LY(17,4) LY(18,4)
FR LY(19,5) LY(20,5) LY(21,5) LY(22,6) LY(23,6) LY(24,6) GA(1,1) GA(2,1) GA(3,1)
FR GA(4,1) GA(5,1) GA(6,1)
FR TE 1 1 TE 2 2 TE 3 3 TE 4 4 TE 5 5 TE 6 6 TE 7 7 TE 8 8 TE 9 9 TE 10 10
FR TE 11 11 TE 12 12 TE 13 13 TE 14 14 TE 15 15 TE 16 16 TE 17 17 TE 18 18
FR TE 19 19 TE 20 20 TE 21 21 TE 22 22 TE 23 23 TE 24 24 TE 6 21 TE 1 13
FR TE 19 4 TE 3 17 TE 11 12 TE 18 3 TE 9 24 TE 13 14 TE 2 15 TE 4 20 TE 1 14
FR TE 8 24 TE 2 16 TE 14 16 TE 7 22 TE 15 16 TE 10 11 TE 10 11 TE 19 23
FR TE 22 24 TE 20 23 TE 17 18 TE 9 12 TE 7 23 TE 23 24 TE 8 14 TE 9 18 TE 8 23
FR TE 20 5 TE 7 22 TE 8 9 TE 7 8 TE 12 23 TE 14 23 TE 12 10 TE 7 13 TE 2 14
FR TE 7 24 TE 1 15 TE 10 9 TE 15 14 TE 8 22 TE 15 23 TE 3 9 TE 11 9 TE 3 8
FR TE 4 23 TE 22 10 TE 2 17 TE 9 23 TE 7 10 TE 10 20 TE 11 24 TE 16 18
FR TE 1 2 TE 5 19 TE 3 16 TE 10 19 TE 7 9 TE 13 16 TE 5 12 TE 1 10 TE 12 16
FR TE 10 13 TE 11 13 TE 12 19 TE 10 16 TE 7 12 TE 12 2 TE 13 15 TE 2 11
FR TE 11 16 TE 10 15 TE 8 13 TE 13 24 TE 2 24 TE 1 16 TE 19 22 TE 5 22
FR TE 7 19 TE 4 5 TE 4 10 TE 5 7 TE 8 12 TE 7 18 TE 20 19 TE 5 23 TE 12 24
FR TE 5 10 TE 17 23 TE 9 13 TE 3 7 TE 4 7 TE 16 20 TE 14 24 TE 3 20 TE 12 20
FR TE 12 15 TE 14 22 TE 4 15 TE 11 20 TE 1 5 TE 14 18 TE 9 14 TE 7 17 TE 15 20
FR TE 16 19 TE 15 11 TE 9 17 TE 18 20 TE 20 13 TE 5 16 TE 1 8 TE 14 3 TE 2 13
FR TE 7 16 TE 1 12 TE 18 19 TE 19 3 TE 3 4 TE 3 23 TE 4 17 TE 2 22 TE 16 23
FR TE 4 15 TE 10 17 TE 10 18 TE 7 20 TE 20 22 TE 9 16 TE 17 19 TE 2 10
FR TE 15 20 TE 15 19 TE 7 15 TE 4 18 TE 8 20 TE 20 17 TE 1 23 TE 16 24
FR TE 5 24 TE 2 4 TE 16 22 TE 9 4 TE 8 19 TE 2 5 TE 2 19 TE 2 20 TE 9 15
```

FR TE 13 22 TE 15 17 TE 3 5 TE 5 17 TE 7 11 TE 2 9 TE 5 15 TE 4 8 TE 18 23

FR TE 1 20 TE 5 14 TE 4 24 TE 2 18 TE 8 17 TE 11 17 TE 4 16 TE 8 16 TE 19 24

FR TE 4 14 TE 11 3 TE 20 24 TE 3 10 TE 18 5 TE 3 12 TE 1 24 TE 8 10 TE 8 18

FR TE 8 15 TE 5 9 TE 14 17 TE 1 3 TE 9 19 TE 10 23 TE 13 19 TE 5 8 TE 1 9 TE 13 4

PD

OU ME=ML AM PC RS EF FS SS IT=250

TI GOV

Number of Input Variables 24

Number of Y – Variables 24

Number of X – Variables 0

Number of ETA – Variables 6

Number of KSI – Variables 1

Number of Observations 415

TI GOV

Number of Iterations = 44

LISREL Estimates (Maximum Likelihood)

LAMBDA-Y

	ACC	RES	PAR	RUL	MOR	COS
AC1	0.84	- -	- -	- -	- -	- -
AC2	0.89	- -	- -	- -	- -	- -
	(0.04)					
	25.25					
AC3	0.85	- -	- -	- -	- -	- -
	(0.04)					
	21.50					
AC4	0.92	- -	- -	- -	- -	- -
	(0.04)					
	25.14					
RE1	- -	0.86	- -	- -	- -	- -
RE2	- -	0.88	- -	- -	- -	- -
		(0.04)				

		23.45			
RE3	– –	0.89	– –	– –	– –
		(0.04)			
		20.95			
RE4	– –	0.80	– –	– –	– –
		(0.04)			
		18.99			
RE5	– –	0.84	– –	– –	– –
		(0.04)			
		20.71			
RE6	– –	0.75	– –	– –	– –
		(0.04)			
		17.20			
PA1	– –	– –	0.61	– –	– –
PA2	– –	– –	0.69	– –	– –
			(0.04)		
			17.94		
PA3	– –	– –	0.83	– –	– –
			(0.06)		
			13.69		
PA4	– –	– –	0.80	– –	– –
			(0.06)		
			13.18		
RU1	– –	– –	– –	0.89	– –
RU2	– –	– –	– –	0.79	– –
				(0.03)	
				23.52	
RU3	– –	– –	– –	0.80	– –
				(0.04)	
				19.26	
RU4	– –	– –	– –	0.80	– –
				(0.04)	
				21.12	

MO1	- -	- -	- -	- -	0.88	- -
MO2	- -	- -	- -	- -	0.90	- -
				(0.04)		
				24.68		
MO3	- -	- -	- -	- -	0.88	- -
				(0.03)		
				25.56		
CO1	- -	- -	- -	- -	- -	0.89
CO2	- -	- -	- -	- -	- -	0.90
					(0.03)	
					25.73	
CO3	- -	- -	- -	- -	- -	0.85
					(0.04)	
					22.09	

GAMMA

	GOV

ACC	0.99
	(0.05)
	20.73
RES	1.00
	(0.05)
	21.20
PAR	0.98
	(0.07)
	13.37
RUL	0.98
	(0.04)
	22.08
MOR	1.00
	(0.04)
	22.45

COS 0.95

(0.05)

21.04

Covariance Matrix of ETA and KSI

	ACC	RES	PAR	RUL	MOR	COS
ACC	1.00					
RES	0.99	1.00				
PAR	0.97	0.98	1.00			
RUL	0.97	0.98	0.97	1.00		
MOR	0.99	1.00	0.98	0.98	1.00	
COS	0.94	0.95	0.94	0.94	0.95	1.00
GOV	0.99	1.00	0.98	0.98	1.00	0.95

Covariance Matrix of ETA and KSI

	GOV
GOV	1.00

PHI

	GOV
	1.00

PSI

Note: This matrix is diagonal.

ACC	RES	PAR	RUL	MOR	COS
0.03	0.00	0.03	0.03	0.00	0.09
(0.01)	(0.00)	(0.02)	(0.01)	(0.00)	(0.02)
4.20	0.02	1.47	2.75	-0.01	4.39

Squared Multiple Correlations for Structural Equations

ACC	RES	PAR	RUL	MOR	COS
0.97	1.00	0.97	0.97	1.00	0.91

Squared Multiple Correlations for Reduced Form

ACC	RES	PAR	RUL	MOR	COS

0.97	1.00	0.97	0.97	1.00	0.91

W_A_R_N_I_N_G: PSI is not positive definite

THETA-EPS

	AC1	AC2	AC3	AC4	RE1	RE2
AC1	0.29					
	(0.02)					
	12.46					
AC2	0.02	0.20				
	(0.01)	(0.02)				
	1.43	10.44				
AC3	-0.02	- -	0.27			
	(0.00)		(0.02)			
	-3.79		11.42			
AC4	- -	0.00	-0.01	0.15		
		(0.01)	(0.01)	(0.02)		
		-0.22	-0.63	8.49		
RE1	-0.03	-0.05	-0.08	-0.08	0.26	
	(0.01)	(0.02)	(0.02)	(0.02)	(0.03)	
	-3.47	-3.30	-4.37	-4.79	9.86	
RE2	- -	- -	- -	- -	- -	0.22
						(0.02)
						12.56
RE3	- -	- -	0.01	0.02	-0.09	- -
			(0.01)	(0.01)	(0.02)	
			1.25	2.72	-5.16	
RE4	-0.01	- -	0.01	0.04	-0.03	- -
	(0.01)		(0.01)	(0.02)	(0.02)	
	-0.63		1.04	2.81	-1.65	
RE5	0.01	0.02	0.01	0.02	-0.03	- -
	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	
	0.67	1.38	0.68	1.61	-2.56	
RE6	-0.03	0.03	0.02	-0.02	-0.04	- -

	(0.01)	(0.02)	(0.02)	(0.01)	(0.02)	
	−2.72	1.63	1.25	−1.40	−2.18	
PA1	– –	0.09	0.03	– –	– –	– –
		(0.02)	(0.01)			
		4.66	2.99			
PA2	0.01	0.11	0.00	– –	0.03	– –
	(0.01)	(0.02)	(0.00)		(0.02)	
	1.06	5.62	−0.29		1.55	
PA3	0.27	0.03	– –	0.02	– –	– –
	(0.02)	(0.02)		(0.01)		
	12.20	2.21		2.55		
PA4	0.21	0.10	−0.01	0.02	−0.04	– –
	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	
	9.92	6.23	−0.62	3.24	−3.84	
RU1	0.05	0.19	– –	0.02	−0.05	– –
	(0.02)	(0.02)		(0.01)	(0.02)	
	3.01	10.05		1.73	−3.10	
RU2	0.01	0.21	0.06	0.04	−0.05	– –
	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	
	0.65	9.77	5.05	2.31	−2.32	
RU3	– –	0.00	0.26	−0.01	−0.08	– –
		(0.01)	(0.02)	(0.01)	(0.02)	
		0.02	10.91	−0.92	−4.09	
RU4	– –	0.04	0.25	0.04	−0.06	– –
		(0.01)	(0.02)	(0.02)	(0.02)	
		3.96	10.75	2.49	−3.17	
MO1	– –	0.01	0.03	0.17	−0.10	– –
		(0.01)	(0.02)	(0.02)	(0.02)	
		1.10	2.03	8.97	−5.53	
MO2	0.02	−0.01	−0.06	0.03	0.15	– –
	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	
	3.17	−1.16	−3.76	2.06	7.30	
MO3	– –	– –	– –	– –	– –	0.22
						(0.02)

					12.53	
CO1	- -	0.01	- -	- -	-0.10	- -
		(0.01)			(0.02)	
		2.67			-5.39	
CO2	0.00	- -	0.02	0.03	-0.05	- -
	(0.01)		(0.01)	(0.01)	(0.02)	
	-0.40		1.45	2.25	-2.98	
CO3	0.02	0.01	- -	0.05	-0.05	- -
	(0.02)	(0.01)		(0.01)	(0.02)	
	0.98	0.77		3.64	-2.67	

THETA-EPS

	RE3	RE4	RE5	RE6	PA1	PA2
RE3	0.21					
	(0.02)					
	11.79					
RE4	0.09	0.36				
	(0.02)	(0.03)				
	5.35	12.29				
RE5	0.02	0.09	0.29			
	(0.01)	(0.02)	(0.02)			
	2.47	5.36	12.80			
RE6	-0.02	0.01	0.10	0.42		
	(0.02)	(0.01)	(0.02)	(0.03)		
	-1.56	0.61	5.79	12.59		
PA1	0.00	- -	0.06	0.29	0.62	
	(0.01)		(0.02)	(0.03)	(0.04)	
	-0.70		2.96	9.36	14.02	
PA2	-0.01	0.03	0.10	0.19	0.34	0.53
	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.04)
	-1.00	1.96	4.95	7.01	10.07	13.65
PA3	-0.01	-0.01	0.00	-0.02	0.01	- -
	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	
	-1.57	-1.02	-0.22	-1.47	0.44	

PA4 - - -0.01 0.02 - - - - - -

(0.02) (0.02)

-0.66 1.37

RU1 -0.02 -0.02 0.01 0.01 0.06 0.07

(0.01) (0.01) (0.01) (0.02) (0.02) (0.02)

-3.43 -2.13 0.97 0.59 2.94 3.45

RU2 0.04 0.03 0.04 0.03 0.10 0.15

(0.01) (0.01) (0.02) (0.02) (0.02) (0.02)

3.61 2.26 1.89 1.31 4.14 6.22

RU3 0.02 0.01 -0.02 0.05 0.07 - -

(0.01) (0.02) (0.01) (0.02) (0.02)

2.59 0.98 -1.16 2.51 3.31

RU4 -0.01 0.01 0.04 -0.01 - - - -

(0.01) (0.01) (0.01) (0.02)

-0.64 0.39 2.90 -0.54

MO1 0.00 0.03 0.02 -0.03 - - 0.01

(0.01) (0.02) (0.02) (0.02) (0.01)

0.20 1.66 1.27 -2.00 1.91

MO2 -0.02 0.02 - - -0.01 0.00 0.01

(0.01) (0.02) (0.02) (0.01) (0.01)

-1.52 1.32 -0.45 0.70 0.55

MO3 - - - - - - - - - - - -

CO1 0.20 0.05 - - -0.06 - - - - - -

(0.02) (0.02) (0.02)

10.85 2.75 -3.76

CO2 0.16 0.21 0.06 0.01 - - 0.02

(0.02) (0.02) (0.02) (0.02) (0.01)

8.91 9.17 3.95 0.83 1.24

CO3 0.06 0.24 0.18 - - -0.02 0.03

(0.01) (0.02) (0.02) (0.01) (0.02)

4.27 9.89 9.91 -1.05 1.67

THETA-EPS

PA3	PA4	RU1	RU2	RU3	RU4
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PA3	0.30					
	(0.03)					
	10.74					
PA4	0.10	0.36				
	(0.02)	(0.03)				
	4.12	11.67				
RU1	0.04	0.08	0.22			
	(0.02)	(0.02)	(0.02)			
	2.73	4.89	9.76			
RU2	0.01	0.00	0.09	0.38		
	(0.02)	(0.02)	(0.02)	(0.03)		
	0.38	0.14	4.34	12.36		
RU3	- -	0.00	-0.04	- -	0.37	
		(0.01)	(0.02)		(0.03)	
		0.03	-2.79		11.71	
RU4	- -	-0.02	- -	0.07	0.07	0.35
		(0.01)		(0.02)	(0.02)	(0.03)
		-1.36		4.22	3.29	12.25
MO1	0.00	- -	0.01	0.05	0.00	0.07
	(0.01)		(0.01)	(0.02)	(0.02)	(0.02)
	0.55		0.56	2.66	-0.01	3.72
MO2	0.04	- -	-0.01	-0.02	-0.06	-0.05
	(0.01)		(0.01)	(0.02)	(0.02)	(0.02)
	4.35		-0.37	-1.24	-3.50	-2.85
MO3	- -	- -	- -	- -	- -	- -
CO1	-0.01	0.02	- -	0.03	- -	- -
	(0.01)	(0.01)		(0.01)		
	-1.47	3.10		2.22		
CO2	- -	-0.03	-0.02	0.05	0.03	0.01
		(0.01)	(0.01)	(0.01)	(0.02)	(0.02)
		-3.32	-2.14	4.07	1.57	0.82
CO3	-0.01	0.04	- -	0.02	- -	- -
	(0.02)	(0.02)		(0.02)		
	-0.32	2.12		1.08		

THETA-EPS

	MO1	MO2	MO3	CO1	CO2	CO3
MO1	0.22					
	(0.02)					
	10.03					
MO2	-0.04	0.18				
	(0.01)	(0.02)				
	-2.63	9.64				
MO3	- -	- -	0.22			
			(0.02)			
			12.56			
CO1	-0.02	-0.03	- -	0.22		
	(0.01)	(0.01)	(0.02)			
	-3.11	-2.38	9.98			
CO2	0.01	0.00	- -	- -	0.19	
	(0.02)	(0.01)		(0.02)		
	0.93	0.21		9.18		
CO3	0.04	0.01	- -	-0.02	0.03	0.27
	(0.02)	(0.01)	(0.02)	(0.02)	(0.03)	
	2.64	0.87	-1.37	1.27	8.78	

Squared Multiple Correlations for Y - Variables

AC1	AC2	AC3	AC4	RE1	RE2
0.71	0.80	0.73	0.85	0.74	0.78

Squared Multiple Correlations for Y - Variables

RE3	RE4	RE5	RE6	PA1	PA2
0.79	0.64	0.71	0.57	0.37	0.47

Squared Multiple Correlations for Y - Variables

PA3	PA4	RU1	RU2	RU3	RU4
0.70	0.64	0.78	0.62	0.63	0.65

Squared Multiple Correlations for Y - Variables

MO1	MO2	MO3	CO1	CO2	CO3
0.78	0.82	0.78	0.78	0.81	0.73

Goodness of Fit Statistics

Degrees of Freedom = 64

Minimum Fit Function Chi-Square = 79.91 (P = 0.087)

Normal Theory Weighted Least Squares Chi-Square = 76.70 (P = 0.13)

Estimated Non-centrality Parameter (NCP) = 12.70

90 Percent Confidence Interval for NCP = (0.0 ; 38.88)

Minimum Fit Function Value = 0.19

Population Discrepancy Function Value (F0) = 0.031

90 Percent Confidence Interval for F0 = (0.0 ; 0.094)

Root Mean Square Error of Approximation (RMSEA) = 0.022

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.038)

P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 1.33

90 Percent Confidence Interval for ECVI = (1.29 ; 1.39)

ECVI for Saturated Model = 1.45

ECVI for Independence Model = 138.05

Chi-Square for Independence Model with 276 Degrees of Freedom = 57104.59

Independence AIC = 57152.59

Model AIC = 548.70

Saturated AIC = 600.00

Independence CAIC = 57273.27

Model CAIC = 1735.38

Saturated CAIC = 2108.48

Normed Fit Index (NFI) = 1.00

Non-Normed Fit Index (NNFI) = 1.00

Parsimony Normed Fit Index (PNFI) = 0.23

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 0.99

Critical N (CN) = 483.95

Root Mean Square Residual (RMR) = 0.013

Standardized RMR = 0.013

Goodness of Fit Index (GFI) = 0.98

Adjusted Goodness of Fit Index (AGFI) = 0.93

Parsimony Goodness of Fit Index (PGFI) = 0.21

TI GOV

Factor Scores Regressions

	ETA					
	AC1	AC2	AC3	AC4	RE1	RE2
ACC	1.62	2.38	2.28	2.24	1.22	-0.02
RES	0.25	0.22	0.12	0.27	0.48	0.02
PAR	-1.00	-0.80	0.26	0.31	0.39	0.04
RUL	-0.28	-1.42	-2.80	0.30	0.43	0.03
MOR	0.25	0.22	0.12	0.27	0.48	0.02
COS	0.51	0.54	0.53	0.02	0.56	-0.01

	ETA					
	RE3	RE4	RE5	RE6	PA1	PA2
ACC	-0.20	-0.13	0.07	0.19	-0.05	-0.08
RES	-0.03	-0.03	0.02	0.15	-0.04	-0.05
PAR	0.10	-0.01	0.03	0.06	-0.03	0.03
RUL	0.17	0.12	-0.05	0.13	-0.05	-0.03
MOR	-0.03	-0.03	0.02	0.15	-0.04	-0.05
COS	-5.07	-2.06	-0.74	0.39	0.00	-0.19

	ETA					
	PA3	PA4	RU1	RU2	RU3	RU4
ACC	-1.04	-0.98	-1.13	-1.00	-1.16	-1.23
RES	-0.13	-0.11	0.02	-0.11	0.02	-0.06
PAR	0.81	0.56	0.46	0.32	-0.06	-0.11
RUL	0.18	0.34	1.01	0.58	1.67	1.57
MOR	-0.13	-0.11	0.02	-0.11	0.02	-0.06

COS	-0.43	-0.19	-0.41	-0.22	-0.14	-0.44

ETA

	MO1	MO2	MO3	CO1	CO2	CO3
ACC	-1.21	-1.49	-0.02	0.31	0.15	0.04
RES	0.05	-0.28	0.02	0.21	0.07	0.02
PAR	-0.08	-0.26	0.04	0.09	0.04	0.01
RUL	-0.14	-0.27	0.03	0.07	-0.11	-0.02
MOR	0.05	-0.28	0.02	0.21	0.07	0.02
COS	0.47	-0.25	-0.04	3.14	3.72	1.54

TI GOV

Standardized Solution

LAMBDA-Y

	ACC	RES	PAR	RUL	MOR	COS
AC1	0.84	- -	- -	- -	- -	- -
AC2	0.89	- -	- -	- -	- -	- -
AC3	0.85	- -	- -	- -	- -	- -
AC4	0.92	- -	- -	- -	- -	- -
RE1	- -	0.86	- -	- -	- -	- -
RE2	- -	0.88	- -	- -	- -	- -
RE3	- -	0.89	- -	- -	- -	- -
RE4	- -	0.80	- -	- -	- -	- -
RE5	- -	0.84	- -	- -	- -	- -
RE6	- -	0.75	- -	- -	- -	- -
PA1	- -	- -	0.61	- -	- -	- -
PA2	- -	- -	0.69	- -	- -	- -
PA3	- -	- -	0.83	- -	- -	- -
PA4	- -	- -	0.80	- -	- -	- -
RU1	- -	- -	- -	0.89	- -	- -
RU2	- -	- -	- -	0.79	- -	- -
RU3	- -	- -	- -	0.80	- -	- -
RU4	- -	- -	- -	0.80	- -	- -
MO1	- -	- -	- -	- -	0.88	- -

MO2	- -	- -	- -	- -	0.90	- -
MO3	- -	- -	- -	- -	0.88	- -
CO1	- -	- -	- -	- -	- -	0.89
CO2	- -	- -	- -	- -	- -	0.90
CO3	- -	- -	- -	- -	- -	0.85

GAMMA

	GOV
ACC	0.99
RES	1.00
PAR	0.98
RUL	0.98
MOR	1.00
COS	0.95

Correlation Matrix of ETA and KSI

	ACC	RES	PAR	RUL	MOR	COS
ACC	1.00					
RES	0.99	1.00				
PAR	0.97	0.98	1.00			
RUL	0.97	0.98	0.97	1.00		
MOR	0.99	1.00	0.98	0.98	1.00	
COS	0.94	0.95	0.94	0.94	0.95	1.00
GOV	0.99	1.00	0.98	0.98	1.00	0.95

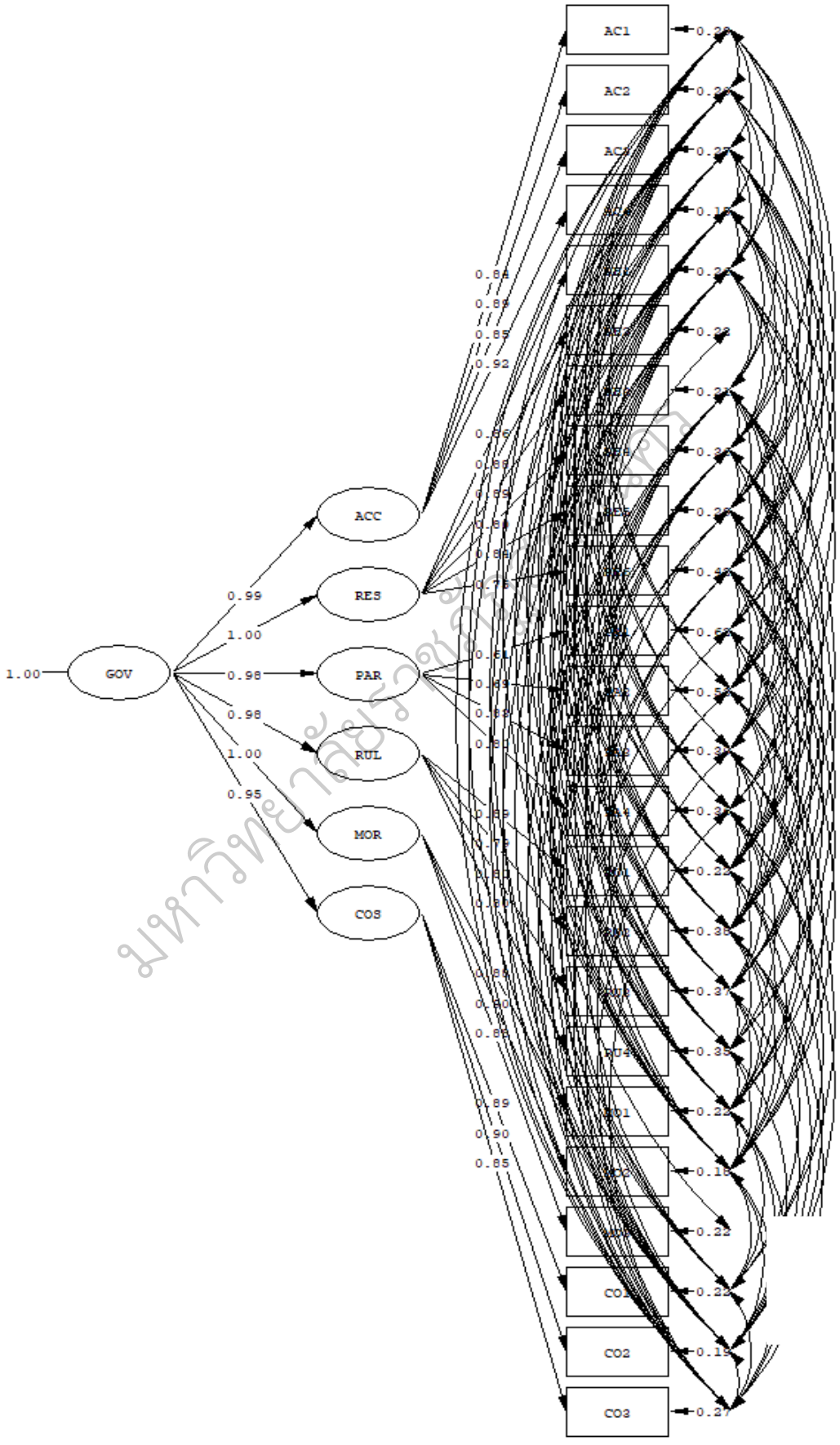
Correlation Matrix of ETA and KSI

	GOV
GOV	1.00

PSI

Note: This matrix is diagonal.

ACC	RES	PAR	RUL	MOR	COS
0.03	0.00	0.03	0.03	0.00	0.09



Chi-Square=76.70, df=64, P-value=0.13258, RMSEA=0.022