

ภาคผนวก ค

ผลการวิเคราะห์โมเดลความสัมพันธ์เชิงสาเหตุพฤติกรรมประหยัดไฟฟ้า

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Covariance Matrix to be Analyzed

	Y1	Y2	Y3	Y4	Y5	Y6
	-----	-----	-----	-----	-----	-----
Y1	0.38					
Y2	0.25	0.41				
Y3	0.19	0.21	0.38			
Y4	0.28	0.29	0.21	0.46		
Y5	0.27	0.27	0.21	0.37	0.48	
Y6	0.26	0.24	0.19	0.30	0.30	0.37
Y7	0.22	0.22	0.15	0.26	0.26	0.26
Y8	0.14	0.13	0.09	0.18	0.15	0.15
X1	0.17	0.21	0.13	0.18	0.17	0.18

X2	0.18	0.17	0.12	0.18	0.19	0.19
X3	0.25	0.24	0.16	0.28	0.28	0.24
X4	0.20	0.21	0.13	0.22	0.21	0.20
X5	0.26	0.22	0.16	0.29	0.29	0.25
X6	0.26	0.23	0.16	0.29	0.29	0.24
X7	0.26	0.22	0.15	0.29	0.29	0.23
X8	0.26	0.23	0.15	0.30	0.30	0.26
X9	0.16	0.15	0.11	0.19	0.18	0.16
X10	0.25	0.24	0.16	0.31	0.30	0.25
X11	0.19	0.22	0.13	0.24	0.24	0.20
X12	0.26	0.26	0.20	0.35	0.35	0.27
X13	0.24	0.25	0.16	0.33	0.28	0.26

Covariance Matrix to be Analyzed

	Y7	Y8	X1	X2	X3	X4
Y7	0.34					
Y8	0.13	0.44				
X1	0.17	0.10	0.30			
X2	0.17	0.10	0.20	0.27		
X3	0.21	0.12	0.20	0.21	0.38	
X4	0.20	0.12	0.21	0.20	0.24	0.30
X5	0.22	0.13	0.15	0.19	0.26	0.21
X6	0.22	0.10	0.17	0.18	0.28	0.21
X7	0.23	0.14	0.15	0.18	0.26	0.19
X8	0.25	0.13	0.16	0.19	0.26	0.21
X9	0.14	0.10	0.11	0.12	0.17	0.14
X10	0.25	0.11	0.17	0.19	0.26	0.20
X11	0.20	0.12	0.16	0.16	0.19	0.18
X12	0.24	0.13	0.17	0.18	0.27	0.22
X13	0.25	0.15	0.19	0.18	0.25	0.21

Covariance Matrix to be Analyzed

X5	X6	X7	X8	X9	X10
----	----	----	----	----	-----

	-----	-----	-----	-----	-----	-----
X5	0.49					
X6	0.30	0.40				
X7	0.31	0.31	0.43			
X8	0.28	0.28	0.32	0.39		
X9	0.17	0.16	0.15	0.17	0.29	
X10	0.28	0.27	0.28	0.30	0.18	0.39
X11	0.17	0.20	0.21	0.21	0.14	0.23
X12	0.28	0.28	0.28	0.29	0.18	0.29
X13	0.25	0.24	0.25	0.26	0.17	0.26

Covariance Matrix to be Analyzed

	X11	X12	X13
	-----	-----	-----
X11	0.33		
X12	0.26	0.43	
X13	0.24	0.31	0.40

TI

Initial Estimates (TSLS)

$$Y1 = 0.46*BEHAV, \text{Errorvar.} = 0.13, R^2_y = 0.65$$

$$Y2 = 0.47*BEHAV, \text{Errorvar.} = 0.16, R^2_y = 0.61$$

$$Y3 = 0.31*BEHAV, \text{Errorvar.} = 0.27, R^2_y = 0.29$$

$$Y4 = 0.89*INSPI, \text{Errorvar.} = 0.073, R^2_y = 0.84$$

$$Y5 = 0.85*INSPI, \text{Errorvar.} = 0.12, R^2_y = 0.74$$

$$Y6 = 0.21*BEHAV + 0.40*INSPI, \text{Errorvar.} = 0.12, R^2_y = 0.67$$

$$Y7 = 0.68*INSPI, \text{Errorvar.} = 0.11, R^2_y = 0.67$$

$$Y8 = 0.39*INSPI, \text{Errorvar.} = 0.37, R_y = 0.17$$

$$X1 = 0.79*TRAIT - 0.39*SITUAT, \text{Errorvar.} = 0.045, R_y = 0.85$$

$$X2 = 0.39*TRAIT, \text{Errorvar.} = 0.11, R_y = 0.58$$

$$X3 = 0.54*TRAIT, \text{Errorvar.} = 0.088, R_y = 0.77$$

$$X4 = 0.45*TRAIT, \text{Errorvar.} = 0.099, R_y = 0.67$$

$$X5 = 0.55*SITUAT, \text{Errorvar.} = 0.18, R_y = 0.62$$

$$X6 = 0.55*SITUAT, \text{Errorvar.} = 0.099, R_y = 0.75$$

$$X7 = 0.56*SITUAT, \text{Errorvar.} = 0.12, R_y = 0.73$$

$$X8 = 0.57*SITUAT, \text{Errorvar.} = 0.065, R_y = 0.84$$

$$X9 = 0.32*ENVIED, \text{Errorvar.} = 0.19, R_y = 0.35$$

$$X10 = 0.18*SITUAT + 0.37*ENVIED, \text{Errorvar.} = 0.10, R_y = 0.74$$

$$X11 = 0.44*ENVIED, \text{Errorvar.} = 0.14, R_y = 0.59$$

$$X12 = 0.58*ENVIED, \text{Errorvar.} = 0.088, R_y = 0.80$$

$$X13 = 0.54*ENVIED, \text{Errorvar.} = 0.10, R_y = 0.74$$

Correlation Matrix of Independent Variables

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
TRAIT	1.00		
SITUAT	0.84	1.00	
ENVIED	0.86	0.86	1.00

Covariance Matrix of Latent Variables

	BEHAV	INSPI	TRAIT	SITUAT	ENVIED
BEHAV	1.16				
INSPI	0.69	0.49			
TRAIT	0.98	0.58	1.00		
SITUAT	0.94	0.60	0.84	1.00	
ENVIED	0.98	0.65	0.86	0.86	1.00

TI

Number of Iterations = 7

LISREL Estimates (Maximum Likelihood)

Y1 = 0.46*BEHAV, Errorvar.= 0.13 , R_y = 0.65
 (0.094) (0.012)
 4.91 10.91

Y2 = 0.47*BEHAV, Errorvar.= 0.16 , R_y = 0.61
 (0.095) (0.014)
 4.92 11.70

Y3 = 0.31*BEHAV, Errorvar.= 0.27 , R_y = 0.29
 (0.067) (0.020)
 4.63 13.77

Y4 = 0.87*INSPI, Errorvar.= 0.074 , R_y = 0.84
 (0.084) (0.0083)
 10.31 8.91

Y5 = 0.84*INSPI, Errorvar.= 0.12 , R_y = 0.74
 (0.081) (0.011)
 10.27 11.63

$$Y6 = 0.21*BEHAV + 0.39*INSPI, \text{Errorvar.} = 0.12, R^2_y = 0.67$$

(0.075)	(0.097)	(0.0093)
2.87	4.02	12.96

$$Y7 = 0.67*INSPI, \text{Errorvar.} = 0.11, R^2_y = 0.67$$

(0.071)	(0.011)
9.41	10.24

$$Y8 = 0.38*INSPI, \text{Errorvar.} = 0.37, R^2_y = 0.17$$

(0.054)	(0.025)
7.05	14.36

$$X1 = 0.78*TRAIT - 0.38*SITUAT, \text{Errorvar.} = 0.046, R^2_y = 0.84$$

(0.075)	(0.071)	(0.019)
10.46	-5.40	2.39

$$X2 = 0.39*TRAIT, \text{Errorvar.} = 0.11, R^2_y = 0.58$$

(0.022)	(0.0093)
17.65	12.29

$$X3 = 0.54*TRAIT, \text{Errorvar.} = 0.088, R^2_y = 0.77$$

(0.025)	(0.0096)
22.02	9.16

$$X4 = 0.45*TRAIT, \text{Errorvar.} = 0.099, R^2_y = 0.67$$

(0.022)	(0.0081)
20.05	12.20

$$X5 = 0.55*SITUAT, \text{Errorvar.} = 0.18, R^2_y = 0.62$$

(0.029)	(0.015)
18.99	12.53

$$X6 = 0.55*SITUAT, \text{Errorvar.} = 0.099, R^2_y = 0.75$$

(0.025)	(0.0094)
21.83	10.54

$$X7 = 0.56 \cdot \text{SITUAT}, \text{Errorvar.} = 0.12, R^2_y = 0.73$$

(0.026) (0.0094)

21.63 12.43

$$X8 = 0.57 \cdot \text{SITUAT}, \text{Errorvar.} = 0.065, R^2_y = 0.83$$

(0.024) (0.0084)

23.67 7.71

$$X9 = 0.32 \cdot \text{ENVIED}, \text{Errorvar.} = 0.19, R^2_y = 0.36$$

(0.024) (0.013)

13.23 14.10

$$X10 = 0.18 \cdot \text{SITUAT} + 0.38 \cdot \text{ENVIED}, \text{Errorvar.} = 0.10, R^2_y = 0.74$$

(0.050) (0.051) (0.0086)

3.53 7.43 11.78

$$X11 = 0.44 \cdot \text{ENVIED}, \text{Errorvar.} = 0.14, R^2_y = 0.59$$

(0.024) (0.010)

18.43 13.47

$$X12 = 0.58 \cdot \text{ENVIED}, \text{Errorvar.} = 0.092, R^2_y = 0.78$$

(0.025) (0.0086)

22.84 10.79

$$X13 = 0.54 \cdot \text{ENVIED}, \text{Errorvar.} = 0.11, R^2_y = 0.73$$

(0.025) (0.0090)

21.55 11.97

$$\text{BEHAV} = 0.70 \cdot \text{INSPI} + 0.46 \cdot \text{TRAIT} + 0.097 \cdot \text{SITUAT} + 0.027 \cdot \text{ENVIED}, \text{Errorvar.} = 0.094, R^2_y = 0.92$$

(0.26) (0.13) (0.084) (0.17)

2.66 3.58 1.15 0.16

$$\text{INSPI} = 0.03 \cdot \text{TRAIT} + 0.16 \cdot \text{SITUAT} + 0.55 \cdot \text{ENVIED}, \text{Errorvar.} = 0.055, R^2_y = 0.89$$

(0.042) (0.043) (0.087)

0.61 3.77 6.38

Correlation Matrix of Independent Variables

	TRAIT	SITUAT	ENVIED
TRAIT	1.00		
SITUAT	0.85 (0.02) 42.88	1.00	
ENVIED	0.86 (0.02) 47.23	0.86 (0.02) 48.59	1.00

Covariance Matrix of Latent Variables

	BEHAV	INSPI	TRAIT	SITUAT	ENVIED
BEHAV	1.16				
INSPI	0.71	0.51			
TRAIT	0.98	0.59	1.00		
SITUAT	0.94	0.62	0.85	1.00	
ENVIED	0.98	0.67	0.86	0.86	1.00

Goodness of Fit Statistics

Degrees of Freedom = 148

Minimum Fit Function Chi-Square = 290.65 (P = 0.00)

Normal Theory Weighted Least Squares Chi-Square = 281.97 (P = 0.00)

Chi-Square Difference with 1 Degree of Freedom = 1.46 (P = 0.23)

Estimated Non-centrality Parameter (NCP) = 133.97

90 Percent Confidence Interval for NCP = (90.39 ; 185.36)

Minimum Fit Function Value = 0.69

Population Discrepancy Function Value (F0) = 0.32

90 Percent Confidence Interval for F0 = (0.22 ; 0.44)

Root Mean Square Error of Approximation (RMSEA) = 0.046

90 Percent Confidence Interval for RMSEA = (0.038 ; 0.055)

P-Value for Test of Close Fit (RMSEA < 0.05) = 0.75

Expected Cross-Validation Index (ECVI) = 1.07

90 Percent Confidence Interval for ECVI = (0.97 ; 1.19)

ECVI for Saturated Model = 1.10

ECVI for Independence Model = 17.97

Chi-Square for Independence Model with 210 Degrees of Freedom = 7485.39

Independence AIC = 7527.39

Model AIC = 447.97

Saturated AIC = 462.00

Independence CAIC = 7633.23

Model CAIC = 866.31

Saturated CAIC = 1626.30

Root Mean Square Residual (RMR) = 0.0092

Standardized RMR = 0.024

Goodness of Fit Index (GFI) = 0.94

Adjusted Goodness of Fit Index (AGFI) = 0.91

Parsimony Goodness of Fit Index (PGFI) = 0.60

Normed Fit Index (NFI) = 0.96

Non-Normed Fit Index (NNFI) = 0.97
 Parsimony Normed Fit Index (PNFI) = 0.68
 Comparative Fit Index (CFI) = 0.98
 IncreTRAIT Fit Index (IFI) = 0.98
 Relative Fit Index (RFI) = 0.94

Critical N (CN) = 276.25

TI

Fitted Covariance Matrix

	Y1	Y2	Y3	Y4	Y5	Y6
-----	-----	-----	-----	-----	-----	
Y1	0.38					
Y2	0.25	0.41				
Y3	0.19	0.21	0.38			
Y4	0.28	0.29	0.21	0.46		
Y5	0.27	0.27	0.21	0.37	0.48	
Y6	0.26	0.24	0.19	0.30	0.29	0.37
Y7	0.22	0.22	0.15	0.26	0.26	0.26
Y8	0.12	0.13	0.08	0.17	0.16	0.13
X1	0.19	0.19	0.13	0.19	0.19	0.17
X2	0.18	0.18	0.12	0.20	0.19	0.17
X3	0.24	0.25	0.16	0.28	0.27	0.24
X4	0.20	0.20	0.14	0.23	0.22	0.20
X5	0.24	0.24	0.16	0.30	0.28	0.24
X6	0.24	0.24	0.16	0.29	0.28	0.24
X7	0.24	0.25	0.16	0.30	0.29	0.25
X8	0.25	0.25	0.17	0.31	0.29	0.25
X9	0.14	0.15	0.10	0.19	0.18	0.15
X10	0.25	0.25	0.17	0.31	0.30	0.26
X11	0.20	0.20	0.13	0.26	0.25	0.21
X12	0.26	0.26	0.18	0.34	0.33	0.27
X13	0.24	0.25	0.16	0.32	0.30	0.25

Fitted Covariance Matrix

	Y7	Y8	X1	X2	X3	X4
	-----	-----	-----	-----	-----	
Y7	0.34					
Y8	0.13	0.44				
X1	0.15	0.09	0.30			
X2	0.16	0.09	0.20	0.27		
X3	0.21	0.12	0.20	0.21	0.38	
X4	0.18	0.10	0.20	0.20	0.24	0.30
X5	0.23	0.13	0.15	0.18	0.25	0.21
X6	0.23	0.13	0.17	0.18	0.27	0.21
X7	0.23	0.13	0.16	0.19	0.26	0.19
X8	0.24	0.13	0.16	0.19	0.26	0.22
X9	0.14	0.08	0.11	0.11	0.16	0.13
X10	0.24	0.14	0.18	0.19	0.26	0.20
X11	0.20	0.11	0.15	0.15	0.19	0.17
X12	0.26	0.15	0.17	0.18	0.27	0.22
X13	0.24	0.14	0.19	0.18	0.25	0.21

Fitted Covariance Matrix

	X5	X6	X7	X8	X9	X10
	-----	-----	-----	-----	-----	
X5	0.49					
X6	0.30	0.40				
X7	0.31	0.31	0.43			
X8	0.28	0.28	0.32	0.39		
X9	0.15	0.15	0.16	0.16	0.29	
X10	0.28	0.27	0.28	0.30	0.17	0.39
X11	0.17	0.21	0.21	0.22	0.14	0.23
X12	0.28	0.27	0.28	0.29	0.19	0.29
X13	0.26	0.24	0.26	0.27	0.17	0.26

Fitted Covariance Matrix

	X11	X12	X13
	-----	-----	-----
X11	0.33		
X12	0.26	0.43	
X13	0.24	0.31	0.40

Fitted Residuals

	Y1	Y2	Y3	Y4	Y5	Y6
	-----	-----	-----	-----	-----	-----
Y1	0.00					
Y2	0.00	0.00				
Y3	0.00	0.00	0.00			
Y4	0.00	0.00	0.00	0.00		
Y5	0.00	0.00	0.00	0.00	0.00	
Y6	0.00	0.00	0.00	0.00	0.01	0.00
Y7	0.00	0.00	0.00	0.00	0.00	0.00
Y8	0.02	0.00	0.01	0.01	-0.01	0.02
X1	-0.02	0.02	0.00	-0.01	-0.02	0.01
X2	0.00	-0.01	0.00	-0.02	0.00	0.02
X3	0.01	-0.01	0.00	0.00	0.01	0.00
X4	0.00	0.01	-0.01	-0.01	-0.01	0.00
X5	0.02	-0.02	0.00	-0.01	0.01	0.01
X6	0.02	-0.01	0.00	0.00	0.01	0.00
X7	0.02	-0.03	-0.01	-0.01	0.00	-0.02
X8	0.01	-0.02	-0.02	-0.01	0.01	0.01
X9	0.02	0.00	0.01	0.00	0.00	0.01
X10	0.00	-0.01	-0.01	0.00	0.00	-0.01
X11	-0.01	0.02	0.00	-0.02	-0.01	-0.01
X12	0.00	0.00	0.02	0.01	0.02	0.00
X13	0.00	0.00	0.00	0.01	-0.02	0.01

Fitted Residuals

Y7	Y8	X1	X2	X3	X4
-----	-----	-----	-----	-----	-----

Y7	0.00					
Y8	0.00	0.00				
X1	0.02	0.01	0.00			
X2	0.01	0.01	0.00	0.00		
X3	0.00	0.00	0.00	0.00	0.00	
X4	0.02	0.02	0.01	0.00	0.00	0.00
X5	-0.01	0.00	0.00	0.01	0.01	0.00
X6	-0.01	-0.03	0.00	0.00	0.01	0.00
X7	0.00	0.01	-0.01	-0.01	0.00	0.00
X8	0.01	0.00	0.00	0.00	0.00	-0.01
X9	0.00	0.02	0.00	0.01	0.01	0.01
X10	0.01	-0.03	-0.01	0.00	0.00	0.00
X11	0.00	0.01	0.01	0.01	0.00	0.01
X12	-0.02	-0.02	0.00	0.00	0.00	0.00
X13	0.01	0.01	0.00	0.00	0.00	0.00

Fitted Residuals

	X5	X6	X7	X8	X9	X10
	-----	-----	-----	-----	-----	
X5	0.00					
X6	0.00	0.00				
X7	0.00	0.00	0.00			
X8	0.00	0.00	0.00	0.00		
X9	0.02	0.01	-0.01	0.01	0.00	
X10	0.00	0.00	0.00	0.00	0.01	0.00
X11	0.00	-0.01	0.00	-0.01	0.00	0.00
X12	0.00	0.01	0.00	0.00	-0.01	0.00
X13	-0.01	0.00	-0.01	-0.01	0.00	0.00

Fitted Residuals

	X11	X12	X13
	-----	-----	-----
X11	0.00		
X12	0.00	0.00	

X13 0.00 0.00 0.00

Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -0.03

Median Fitted Residual = 0.00

Largest Fitted Residual = 0.02

Standardized Residuals

	Y1	Y2	Y3	Y4	Y5	Y6
	-----	-----	-----	-----	-----	-----
Y1	--					
Y2	0.72	--				
Y3	-0.98	0.16	-0.69			
Y4	-0.65	0.76	0.20	0.54		
Y5	-0.35	-0.66	0.27	-0.58	0.57	
Y6	-0.09	-0.66	0.14	-1.42	1.49	0.64
Y7	0.27	-0.04	0.36	-0.24	1.38	0.68
Y8	1.32	0.36	0.41	1.50	-1.33	1.62
X1	-2.98	3.55	0.52	-2.53	-2.30	1.18
X2	0.39	-1.35	0.06	-3.20	-0.44	2.78
X3	1.08	-0.94	-0.47	0.62	1.94	0.53
X4	-0.30	1.06	-0.67	-1.38	-1.31	0.70
X5	2.21	-2.29	-0.12	-0.74	0.56	0.65
X6	3.32	-1.39	0.00	-0.56	1.10	-0.30
X7	2.38	-3.34	-1.36	-1.61	0.21	-2.48
X8	2.09	-3.37	-2.07	-1.24	0.91	1.27
X9	1.77	0.42	1.11	0.40	-0.01	1.12
X10	0.50	-1.36	-0.71	-1.06	-0.45	-1.01
X11	-1.20	2.49	-0.36	-3.12	-1.05	-1.12
X12	-0.28	-0.62	2.81	2.75	4.56	-0.58
X13	-0.55	0.63	-0.41	3.23	-3.87	0.96

Standardized Residuals

	Y7	Y8	X1	X2	X3	X4
	-----	-----	-----	-----	-----	
Y7	-0.31					
Y8	-0.06	--				
X1	2.86	1.13	1.68			
X2	2.11	0.98	0.79	1.08		
X3	-0.41	-0.10	-0.61	-0.81	0.29	
X4	3.55	1.68	1.77	1.58	-0.41	1.37
X5	-0.93	0.01	-0.54	0.66	0.87	0.08
X6	-0.91	-2.38	-0.60	-0.41	1.99	0.42
X7	-0.17	0.65	-1.00	-0.98	0.60	-1.13
X8	2.44	-0.40	-0.06	-0.12	-0.37	-1.25
X9	-0.59	1.36	-0.04	1.35	2.06	1.67
X10	1.42	-2.73	-1.54	0.50	0.59	-0.01
X11	0.30	0.62	1.19	1.46	1.23	1.50
X12	-4.19	-1.83	-1.23	-0.67	-0.01	-0.59
X13	1.32	1.10	0.73	-0.47	-0.21	0.34

Standardized Residuals

	X5	X6	X7	X8	X9	X10
	-----	-----	-----	-----	-----	
X5	0.37					
X6	-0.40	1.19				
X7	0.19	0.95	0.71			
X8	1.62	1.13	0.18	-0.69		
X9	1.57	0.98	-0.55	1.53	1.12	
X10	0.44	-1.08	-0.19	1.15	1.57	0.09
X11	-0.51	-1.06	-0.34	-1.07	-0.22	-0.69
X12	0.43	0.99	0.00	0.82	-1.15	2.12
X13	-0.80	-0.80	-1.52	-1.06	-0.57	-0.52

Standardized Residuals

X11	X12	X13
-----	-----	-----

X11	-0.33		
X12	0.89	0.62	
X13	0.36	-1.11	-0.25

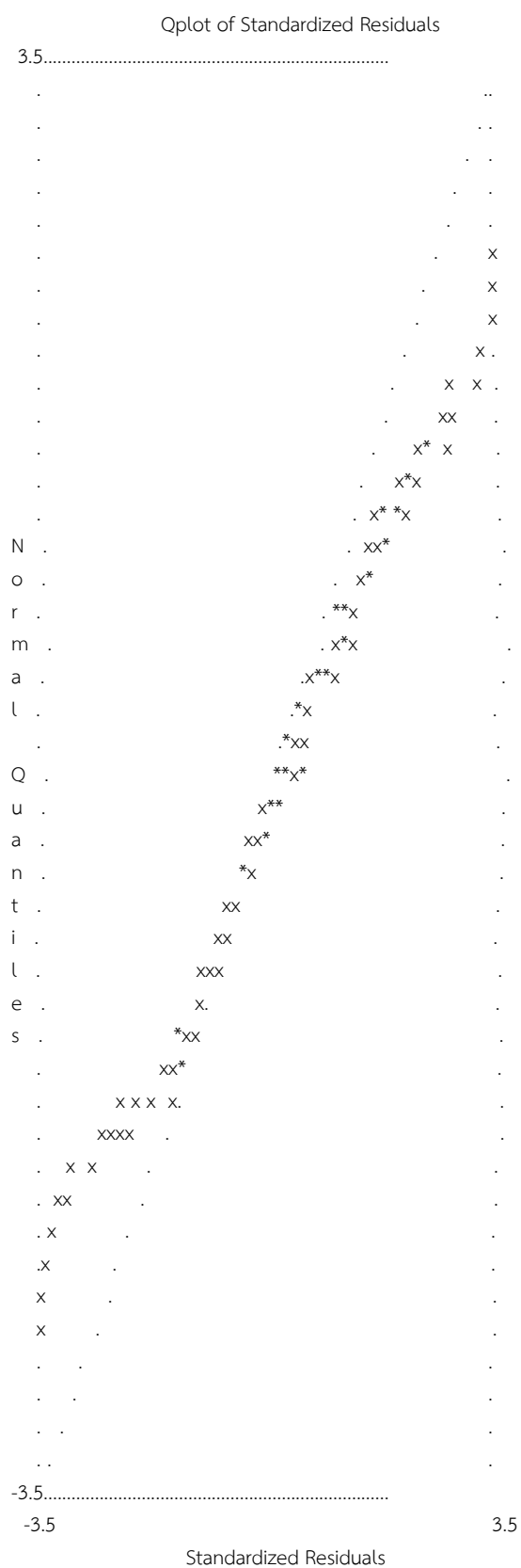
Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -4.19

Median Standardized Residual = 0.01

Largest Standardized Residual = 4.56

TI



TI
Standardized Solution

LAMBDA-Y

	BEHAV	INSPI
	-----	-----
Y1	0.50	--
Y2	0.50	--
Y3	0.33	--
Y4	--	0.62
Y5	--	0.60
Y6	0.23	0.28
Y7	--	0.48
Y8	--	0.27

LAMBDA-X

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
X1	0.78	-0.38	--
X2	0.39	--	--
X3	0.54	--	--
X4	0.45	--	--
X5	--	0.55	--
X6	--	0.55	--
X7	--	0.56	--
X8	--	0.57	--
X9	--	--	0.32
X10	--	0.18	0.38
X11	--	--	0.44
X12	--	--	0.58
X13	--	--	0.54

BETA

	BEHAV	INSPI
-----	-----	
BEHAV	--	0.46
INSPI	--	--

GAMMA

	TRAIT	SITUAT	ENVIED
-----	-----	-----	-----
BEHAV	0.43	0.09	0.03
INSPI	0.04	0.22	0.78

Correlation Matrix of ETA and KSI

	BEHAV	INSPI	TRAIT	SITUAT	ENVIED
-----	-----	-----	-----	-----	-----
BEHAV	1.00				
INSPI	0.92	1.00			
TRAIT	0.91	0.82	1.00		
SITUAT	0.88	0.86	0.85	1.00	
ENVIED	0.91	0.94	0.86	0.86	1.00

PSI

Note: This matrix is diagonal.

BEHAV	INSPI
-----	-----
0.08	0.11

Regression Matrix ETA on KSI (Standardized)

	TRAIT	SITUAT	ENVIED
-----	-----	-----	-----
BEHAV	0.41	0.19	0.39
INSPI	0.04	0.22	0.78

TI

Total and Indirect Effects

Total Effects of KSI on ETA

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
BEHAV	0.44	0.21	0.41
	(0.13)	(0.09)	(0.13)
	3.51	2.25	3.29
INSPI	0.03	0.16	0.55
	(0.04)	(0.04)	(0.09)
	0.61	3.77	6.38

Indirect Effects of KSI on ETA

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
BEHAV	-0.02	0.11	0.39
	(0.03)	(0.05)	(0.16)
	-0.60	2.13	2.41
INSPI	--	--	--

Total Effects of ETA on ETA

	BEHAV	INSPI
	-----	-----
BEHAV	--	0.70
		(0.26)
		2.66
INSPI	--	--

Largest Eigenvalue of $B*B'$ (Stability Index) is 0.488

Total Effects of ETA on Y

	BEHAV	INSPI
	-----	-----
Y1	0.46 (0.09) 4.91	0.32 (0.09) 3.43
Y2	0.47 (0.09) 4.92	0.32 (0.09) 3.43
Y3	0.31 (0.07) 4.63	0.22 (0.07) 3.32
Y4	--	0.87 (0.08) 10.31
Y5	--	0.84 (0.08) 10.27
Y6	0.21 (0.07) 2.87	0.54 (0.07) 7.45
Y7	--	0.67 (0.07) 9.41
Y8	--	0.38

(0.05)

7.05

Indirect Effects of ETA on Y

	BEHAV	INSPI
	-----	-----
Y1	--	0.32 (0.09) 3.43
Y2	--	0.32 (0.09) 3.43
Y3	--	0.22 (0.07) 3.32
Y4	--	--
Y5	--	--
Y6	--	0.15 (0.06) 2.41
Y7	--	--
Y8	--	--

Total Effects of KSI on Y

TRAIT	SITUAT	ENVIED
-----	-----	-----

Y1	0.20 (0.04) 5.14	0.10 (0.04) 2.57	0.19 (0.05) 4.14
Y2	0.21 (0.04) 5.12	0.10 (0.04) 2.57	0.19 (0.05) 4.13
Y3	0.14 (0.03) 4.83	0.06 (0.03) 2.53	0.13 (0.03) 3.97
Y4	-0.02 (0.04) -0.62	0.14 (0.04) 3.83	0.48 (0.05) 9.86
Y5	-0.02 (0.03) -0.62	0.13 (0.04) 3.82	0.46 (0.05) 9.67
Y6	0.09 (0.04) 2.19	0.11 (0.03) 3.91	0.30 (0.04) 7.08
Y7	-0.02 (0.03) -0.62	0.11 (0.03) 3.81	0.37 (0.04) 9.49
Y8	-0.01 (0.02) -0.62	0.06 (0.02) 3.53	0.21 (0.03) 6.73

TI

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
BEHAV	0.41	0.19	0.39
INSPI	-0.04	0.22	0.78

Standardized Indirect Effects of KSI on ETA

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
BEHAV	-0.02	0.10	0.36
INSPI	--	--	--

Standardized Total Effects of ETA on ETA

	BEHAV	INSPI
	-----	-----
BEHAV	--	0.46
INSPI	--	--

Standardized Total Effects of ETA on Y

	BEHAV	INSPI
	-----	-----
Y1	0.50	0.23
Y2	0.50	0.23
Y3	0.33	0.15
Y4	--	0.62
Y5	--	0.60
Y6	0.23	0.39
Y7	--	0.48
Y8	--	0.27

Standardized Indirect Effects of ETA on Y

	BEHAV	INSPI
	-----	-----
Y1	--	0.23
Y2	--	0.23
Y3	--	0.15
Y4	--	--
Y5	--	--
Y6	--	0.11
Y7	--	--
Y8	--	--

Standardized Total Effects of KSI on Y

	TRAIT	SITUAT	ENVIED
	-----	-----	-----
Y1	0.20	0.10	0.19
Y2	0.21	0.10	0.19
Y3	0.14	0.06	0.13
Y4	-0.02	0.14	0.48
Y5	-0.02	0.13	0.46
Y6	0.09	0.11	0.30
Y7	-0.02	0.11	0.37
Y8	-0.01	0.06	0.21

The Problem used 95264 Bytes

Time used: 0.109 Seconds