

LAMPIRAN 4
FULL STRUCTURAL

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Analisa Structural Model

DA NI=22 NO=200 NG=1 MA=CM

BY

LA

PI1 PI2 PI3 PI4 PI5 PI6 PV1 PV2 PV4 PQ3
PQ4 PQ5 PQ6 PQ8 BN1 BN2 BN3 BN4
SI1 SI2 SI3 SI4

Karl G. Jöreskog & Dag

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17 18 19 20 21 22

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FR LY 1 1 LY 2 1 LY 3 1 LY 4 1 LY 5 1 LY 6
1 LY 7 2 LY 8 2 LY 9 2 LY 10 3 LY 11 3 LY
12 3 LY 13 3 LY 14 3

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6 6 TE 7 7 TE 8 8 TE 9 9 TE 10 10 TE 11
11 TE 12 12 TE 13 13 TE 14 14

Use of this program is subject to
the terms specified in the

		Covariance Matrix					
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							
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							
FR GA 3 1 GA 1 2							
FR BE 1 2 BE 2 3							
PD		PI1	1.73				
OU MI SS		PI2	1.45	6.86			
		PI3	0.86	2.25	4.84		
Analisa Structural Model		PI4	2.90	5.33	4.54	43.66	
		PI5	0.78	1.33	1.87	4.17	
		PI6	6.86	2.09	4.01	1.02	
Number of Input Variables 22		PV1	-0.07	-0.40	0.34	-	
Number of Y - Variables 14		PV2	0.74	0.59	2.35	5.03	
Number of X - Variables 8		PV3	0.10	1.06	1.23	5.70	
Number of ETA - Variables 3		PV4	0.10	-0.21	0.73	0.93	
Number of KSI - Variables 2		PQ3	0.25	1.71	3.39	2.54	
Number of Observations 200		PQ4	1.02	2.26	3.74	9.23	
		PQ5	0.52	0.77	1.21	4.49	
W_A_R_N_I_N_G: Matrix to be analyzed is not positive definite, ridge option taken with ridge constant = 1.000		PQ6	0.64	1.61	1.76	1.99	
		PQ8	0.19	1.41	1.27	0.25	
Analisa Structural Model		BN1	0.25	0.59	0.78	1.13	

BN2	-0.05	0.13	-0.53	-
3.79	-1.58	-1.08		
BN3	-0.81	-0.67	-0.23	-
2.26	-1.03	-0.71		
BN4	-0.45	-0.69	-0.35	-
1.13	-0.67	-0.19		
SI1	-0.07	-0.17	-0.09	-0.33
-0.06	0.03			
SI2	0.14	0.16	0.18	1.21
0.62	0.50			
SI3	0.06	-0.22	0.19	1.49
1.04	0.96			
SI4	0.69	0.78	1.01	2.43
2.60	1.71			

Covariance Matrix

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
	-----	-----	-----	-----

	PV1	2.15		
	PV2	2.35	21.60	
	PV4	1.65	5.33	6.86
	PQ3	1.65	6.51	3.10
18.82				
	PQ4	3.42	11.80	6.78
12.33	43.66			
	PQ5	1.14	4.81	3.54
4.29	8.24	18.82		
	PQ6	1.10	3.88	2.51
4.62	6.31	4.65		

PQ8	0.69	3.91	2.85
6.24	7.53	6.91	
BN1	0.33	1.88	0.86
1.88	2.77	1.57	
BN2	-1.01	-3.37	-1.86
2.15	-5.83	-1.37	-
BN3	-0.25	-0.94	-0.95
1.51	-0.58	-1.14	
BN4	0.24	-0.51	-0.35
0.58	0.22	-0.42	
SI1	0.08	-0.03	0.07
0.14	0.02		0.03
SI2	0.54	1.33	0.90
2.63	0.58		1.37
SI3	0.97	2.37	1.75
4.38	1.18		1.93
SI4	0.84	3.96	1.83
6.15	2.97		2.79

Covariance Matrix

	PQ6	PQ8	BN1	BN2
BN3	BN4			
	-----	-----	-----	-----

	PQ6	11.05		
	PQ8	5.89	21.60	
	BN1	1.18	1.95	1.16
	BN2	-0.50	-0.52	-0.67
45.30				
	BN3	0.54	0.49	-0.05
5.58	32.13			

BN4	-0.03	-0.40	-0.09	
2.56	7.53	12.15		
SI1	0.04	-0.04	0.00	0.06
0.63	0.72			
SI2	0.08	0.37	0.15	-1.18
-0.13	0.28			
SI3	0.33	0.61	0.23	-2.06
0.05	0.54			
SI4	2.36	3.71	1.10	-1.14
-1.47	-0.87			

Covariance Matrix

	SI1	SI2	SI3	SI4
	-----	-----	-----	-----
SI1	0.34			
SI2	0.06	1.76		
SI3	0.09	1.46	4.83	
SI4	-0.03	0.33	0.50	7.49

Analisa Structural Model

Parameter Specifications

LAMBDA-Y

	PI	PV	PQ
	-----	-----	-----
PI1	0	0	0

PI2	1	0	0
PI3	2	0	0
PI4	3	0	0
PI5	4	0	0
PI6	5	0	0
PV1	0	0	0
PV2	0	6	0
PV4	0	7	0
PQ3	0	0	0
PQ4	0	0	8
PQ5	0	0	9
PQ6	0	0	10
PQ8	0	0	11

LAMBDA-X

	BN	SI
	-----	-----
BN1	12	0
BN2	13	0
BN3	14	0
BN4	15	0
SI1	0	16
SI2	0	17
SI3	0	18
SI4	0	19

BETA

	PI	PV	PQ
	-----	-----	-----
PI	0	20	0
PV	0	0	21
PQ	0	0	0

GAMMA

	BN	SI
	-----	-----
PI	0	22
PV	0	0
PQ	23	0

PHI

	BN	SI
	-----	-----
BN	0	
SI	24	0

PSI

	PI	PV	PQ
	-----	-----	-----
	25	26	27

THETA-EPS

	PI1	PI2	PI3	PI4
	-----	-----	-----	-----
PI5	PI6			
	28	29	30	31
32	33			

THETA-EPS

	PV1	PV2	PV4	PQ3
	-----	-----	-----	-----
PQ4	PQ5			
	34	35	36	37
38	39			

THETA-EPS

	PQ6	PQ8
	-----	-----
	40	41

THETA-DELTA

	BN1	BN2	BN3	BN4
	-----	-----	-----	-----
SI1	SI2			
	42	43	44	45
46	47			

THETA-DELTA

						3.06
	SI3	SI4			PI6	1.32 -- --
	-----	-----				(0.43)
	48	49				3.05
					PV1	-- 0.75 --
					PV2	-- 3.08 --
						(0.49)
Analisa Structural Model						6.28
					PV4	-- 1.66 --
Number of Iterations = 93						(0.27)
						6.12
LISREL Estimates (Maximum Likelihood)					PQ3	-- -- 2.58
					PQ4	-- -- 4.46
						(0.62)
LAMBDA-Y						7.20
	PI	PV	PQ			
	-----	-----	-----			
	PI1	0.32	-- --			5.55
	PI2	0.55	-- --		PQ6	-- -- 1.64
		(0.27)				(0.29)
		2.08				5.72
	PI3	0.94	-- --		PQ8	-- -- 2.10
		(0.34)				(0.39)
		2.81				5.31
	PI4	1.80	-- --			
		(0.76)			LAMBDA-X	
		2.38				
	PI5	1.77	-- --		BN	SI
		(0.58)			-----	-----

BN1 0.53 --
 (0.11)
 5.06

BN2 -0.58 --
 (0.41)
 -1.42

BN3 -0.12 --
 (0.33)
 -0.36

BN4 -0.08 --
 (0.21)
 -0.37

SI1 -- 0.06
 (0.05)
 1.11

SI2 -- 0.90
 (0.12)
 7.78

SI3 -- 1.53
 (0.19)
 7.91

SI4 -- 0.64
 (0.23)
 2.78

BETA

	PI	PV	PQ
PI			
PV			
PQ			

PI -- 1.04 --
 (0.36)
 2.86

PV -- -- 0.89
 (0.16)
 5.60

PQ -- -- --

GAMMA

	BN	SI
PI	--	-0.14 (0.12) -1.18
PV	--	--
PQ	1.31	-- (0.23) 5.58

PV -- --
 PQ 1.31 --
 (0.23)
 5.58

Covariance Matrix of ETA and KSI

	PI	PV	PQ	BN
SI				
PI	1.00			
PV	0.97	1.00		
PQ	0.84	0.89	1.00	

BN	1.15	1.17	1.31	1.00
SI	0.40	0.52	0.58	0.44
1.00				

Squared Multiple Correlations for Reduced Form

PI	PV	PQ
-----	-----	-----
1.33	1.36	1.71

PHI

BN SI

BN	1.00
SI	0.44 1.00
	(0.10)
	4.48

Reduced Form

BN SI

PI	1.21	-0.14
	(0.43)	(0.12)
	2.80	-1.18
PV	1.17	--
	(0.23)	
	4.98	
PQ	1.31	--
	(0.23)	
	5.58	

PSI

Note: This matrix is diagonal.

PI PV PQ

0.06	0.20	-0.71
(0.10)	(0.09)	(0.52)
0.53	2.27	-1.38

W_A_R_N_I_N_G: PSI is not positive definite

Squared Multiple Correlations for Structural Equations

PI PV PQ

0.94	0.80	1.71
------	------	------

THETA-EPS

PI1 PI2 PI3 PI4

PI5	PI6			
-----	-----	-----	-----	-----

	1.63	6.56	3.95	40.43
3.74	2.27			
	(0.17)	(0.66)	(0.42)	(4.13)
(0.48)	(0.28)			
	9.83	9.87	9.45	9.79
7.78	7.98			

	PI1	PI2	PI3	PI4
PI5	PI6			
	-----	-----	-----	-----
-----	-----			
	0.06	0.04	0.18	0.07
0.46	0.44			

THETA-EPS

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
	-----	-----	-----	-----
-----	-----			
	1.58	12.08	4.11	12.18
23.81	14.56			
	(0.17)	(1.44)	(0.47)	(1.37)
(2.87)	(1.55)			
	9.29	8.41	8.66	8.89
8.30	9.40			

Squared Multiple Correlations for Y - Variables

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
	-----	-----	-----	-----
-----	-----			
	0.26	0.44	0.40	0.35
0.45	0.23			

THETA-EPS

	PQ6	PQ8
	-----	-----
	8.36	17.20
	(0.89)	(1.82)
	9.34	9.47

Squared Multiple Correlations for Y - Variables

	PQ6	PQ8
	-----	-----
	0.24	0.20

THETA-DELTA

Squared Multiple Correlations for Y - Variables

	BN1	BN2	BN3	BN4
SI1	SI2			
	-----	-----	-----	-----
-----	-----			
	0.87	44.96	32.12	12.14
0.34	0.95			

(0.12) (4.50) (3.22) (1.22)
 (0.03) (0.17)
 7.24 9.99 9.98 9.98
 9.93 5.45

THETA-DELTA

	SI3	SI4
-----	-----	-----
	2.49	7.07
	(0.49)	(0.73)
	5.10	9.71

Squared Multiple Correlations for X
 - Variables

	BN1	BN2	BN3	BN4
SI1	SI2			
-----	-----	-----	-----	---
-----	-----			
	0.25	0.01	0.00	0.00
0.01	0.46			

Squared Multiple Correlations for X
 - Variables

	SI3	SI4
-----	-----	-----
	0.48	0.06

Goodness of Fit Statistics

Degrees of Freedom =
 204

Minimum Fit Function Chi-Square = 375.19 (P = 0.00)

Normal Theory Weighted Least Squares Chi-Square = 460.82 (P = 0.0)

Estimated Non-centrality Parameter (NCP) = 256.82

90 Percent Confidence Interval for NCP = (198.33 ; 323.04)

Minimum Fit Function Value = 1.89

Population Discrepancy Function Value (F0) = 1.29

90 Percent Confidence Interval for F0 = (1.00 ; 1.62)

Root Mean Square Error of Approximation (RMSEA) = 0.080

90 Percent Confidence Interval for RMSEA = (0.070 ; 0.089)

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

Expected Cross-Validation Index (ECVI) = 2.81

90 Percent Confidence Interval for ECVI = (2.51 ; 3.14)

ECVI for Saturated Model = 2.54

ECVI for Independence Model = 11.15

<p>Chi-Square for Independence Model with 231 Degrees of Freedom = 2174.02</p> <p>Independence AIC = 2218.02</p> <p>Model AIC = 558.82</p> <p>Saturated AIC = 506.00</p> <p>Independence CAIC = 2312.58</p> <p>Model CAIC = 769.44</p> <p>Saturated CAIC = 1593.47</p> <p>Normed Fit Index (NFI) = 0.83</p> <p>Non-Normed Fit Index (NNFI) = 0.90</p> <p>Parsimony Normed Fit Index (PNFI) = 0.73</p> <p>Comparative Fit Index (CFI) = 0.91</p> <p>Incremental Fit Index (IFI) = 0.91</p> <p>Relative Fit Index (RFI) = 0.80</p> <p>Critical N (CN) = 135.67</p> <p>Root Mean Square Residual (RMR) = 1.12</p> <p>Standardized RMR = 0.095</p>	<p>Goodness of Fit Index (GFI) = 0.83</p> <p>Adjusted Goodness of Fit Index (AGFI) = 0.78</p> <p>Parsimony Goodness of Fit Index (PGFI) = 0.67</p> <p>Analisa Structural Model</p> <p>Modification Indices and Expected Change</p> <p>Modification Indices for LAMBDA-Y</p> <table border="0" style="margin-left: 40px;"> <thead> <tr> <th></th> <th>PI</th> <th>PV</th> <th>PQ</th> </tr> <tr> <th></th> <th>-----</th> <th>-----</th> <th>-----</th> </tr> </thead> <tbody> <tr><td>PI1</td><td>--</td><td>3.98</td><td>0.61</td></tr> <tr><td>PI2</td><td>--</td><td>5.77</td><td>0.27</td></tr> <tr><td>PI3</td><td>--</td><td>3.93</td><td>0.53</td></tr> <tr><td>PI4</td><td>--</td><td>0.63</td><td>0.00</td></tr> <tr><td>PI5</td><td>--</td><td>0.01</td><td>0.03</td></tr> <tr><td>PI6</td><td>--</td><td>12.52</td><td>1.97</td></tr> <tr><td>PV1</td><td>8.30</td><td>--</td><td>0.03</td></tr> <tr><td>PV2</td><td>0.80</td><td>--</td><td>2.97</td></tr> <tr><td>PV4</td><td>4.71</td><td>--</td><td>0.05</td></tr> <tr><td>PQ3</td><td>0.76</td><td>1.29</td><td>--</td></tr> <tr><td>PQ4</td><td>0.83</td><td>2.21</td><td>--</td></tr> <tr><td>PQ5</td><td>0.00</td><td>0.11</td><td>--</td></tr> <tr><td>PQ6</td><td>1.69</td><td>0.13</td><td>--</td></tr> <tr><td>PQ8</td><td>3.79</td><td>8.08</td><td>--</td></tr> </tbody> </table>		PI	PV	PQ		-----	-----	-----	PI1	--	3.98	0.61	PI2	--	5.77	0.27	PI3	--	3.93	0.53	PI4	--	0.63	0.00	PI5	--	0.01	0.03	PI6	--	12.52	1.97	PV1	8.30	--	0.03	PV2	0.80	--	2.97	PV4	4.71	--	0.05	PQ3	0.76	1.29	--	PQ4	0.83	2.21	--	PQ5	0.00	0.11	--	PQ6	1.69	0.13	--	PQ8	3.79	8.08	--
	PI	PV	PQ																																																														
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PQ8	3.79	8.08	--																																																														

Expected Change for LAMBDA-Y

	PI	PV	PQ
	-----	-----	-----
PI1	--	-1.56	-0.22
PI2	--	-3.74	0.30
PI3	--	-2.60	0.35
PI4	--	-3.11	-0.01
PI5	--	-0.14	-0.10
PI6	--	4.68	0.64
PV1	-2.37	--	-0.07
PV2	2.29	--	-2.29
PV4	-3.13	--	-0.16
PQ3	-0.79	-1.34	--
PQ4	1.27	2.73	--
PQ5	0.04	-0.40	--
PQ6	0.91	0.32	--
PQ8	-1.93	-3.64	--

Standardized Expected Change for LAMBDA-Y

	PI	PV	PQ
	-----	-----	-----
PI1	--	-1.56	-0.22
PI2	--	-3.74	0.30
PI3	--	-2.60	0.35
PI4	--	-3.11	-0.01

PI5	--	-0.14	-0.10
PI6	--	4.68	0.64
PV1	-2.37	--	-0.07
PV2	2.29	--	-2.29
PV4	-3.13	--	-0.16
PQ3	-0.79	-1.34	--
PQ4	1.27	2.73	--
PQ5	0.04	-0.40	--
PQ6	0.91	0.32	--
PQ8	-1.93	-3.64	--

Modification Indices for LAMBDA-X

	BN	SI
	-----	-----
BN1	--	2.56
BN2	--	3.75
BN3	--	0.00
BN4	--	1.86
SI1	0.23	--
SI2	3.35	--
SI3	3.41	--
SI4	32.75	--

Expected Change for LAMBDA-X

	BN	SI
	-----	-----
BN1	--	-0.51

BN2	--	-1.30
BN3	--	0.03
BN4	--	0.47
SI1	-0.02	--
SI2	-0.31	--
SI3	-0.54	--
SI4	1.07	--

Expected Change for BETA

	PI	PV	PQ
	-----	-----	-----
PI	--	--	0.96
PV	-2.93	--	--
PQ	-0.47	-0.55	--

Standardized Expected Change for LAMBDA-X

	BN	SI
	-----	-----
BN1	--	-0.51
BN2	--	-1.30
BN3	--	0.03
BN4	--	0.47
SI1	-0.02	--
SI2	-0.31	--
SI3	-0.54	--
SI4	1.07	--

Standardized Expected Change for BETA

	PI	PV	PQ
	-----	-----	-----
PI	--	--	0.96
PV	-2.93	--	--
PQ	-0.47	-0.55	--

Modification Indices for BETA

	PI	PV	PQ
	-----	-----	-----
PI	--	--	4.49
PV	11.83	--	--
PQ	1.96	1.90	--

Modification Indices for GAMMA

	BN	SI
	-----	-----
PI	0.02	--
PV	1.90	7.13
PQ	--	0.92

Expected Change for GAMMA

	BN	SI
--	----	----

	BN	SI
PI	-0.02	--
PV	-0.21	0.33
PQ	--	0.91

Standardized Expected Change for GAMMA

	BN	SI
PI	-0.02	--
PV	-0.21	0.33
PQ	--	0.91

No Non-Zero Modification Indices for PHI

Modification Indices for PSI

	PI	PV	PQ
PI	--		
PV	4.49	--	
PQ	0.41	1.90	--

Expected Change for PSI

	PI	PV	PQ

PI	--		
PV	-0.22	--	
PQ	-0.05	-0.11	--

Standardized Expected Change for PSI

	PI	PV	PQ
PI	--		
PV	-0.22	--	
PQ	-0.05	-0.11	--

Modification Indices for THETA-EPS

	PI1	PI2	PI3	PI4
PI5	PI6			
PI1	--			
PI2	30.99	--		
PI3	10.40	24.51	--	
PI4	16.90	14.56	10.90	--
PI5	1.92	1.34	0.81	1.68
PI6	4.25	9.55	5.58	5.04
3.80	--			
PV1	6.33	11.51	3.13	
5.96	1.24	6.19		
PV2	0.29	2.42	0.79	0.03
1.24	2.04			

PV4	4.61	8.46	7.38	4.67
0.15	5.05			
PQ3	1.54	0.59	8.26	
0.75	0.10	0.62		
PQ4	0.08	0.00	0.00	
1.29	1.44	0.01		
PQ5	0.00	0.14	0.97	
0.65	1.64	2.09		
PQ6	0.69	2.21	0.70	
0.27	0.03	0.01		
PQ8	0.57	0.39	0.30	
2.99	1.06	0.07		

	PQ6	PQ8
	-----	-----
PQ6	--	
PQ8	9.45	--

Expected Change for THETA-EPS

	PI1	PI2	PI3	PI4
PI5	PI6			
	-----	-----	-----	-----

Modification Indices for THETA-EPS

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
	-----	-----	-----	-----
-----	-----			
PV1	--			
PV2	0.03	--		
PV4	6.60	0.29	--	
PQ3	0.00	0.06	1.84	--
PQ4	1.02	0.16	0.01	
0.73	--			
PQ5	0.43	0.57	1.17	
1.44	0.69	--		
PQ6	0.00	0.76	0.03	
0.37	1.36	3.01		
PQ8	2.53	1.41	0.02	
0.80	2.08	5.99		

PI1	--			
PI2	1.31	--		
PI3	0.60	1.85	--	
PI4	2.41	4.47	3.07	--
PI5	0.28	0.46	0.29	1.29
--				
PI6	-0.31	-0.94	-0.59	-1.72
-0.67	--			
PV1	-0.30	-0.81	-0.34	-
1.45	-0.23	0.39		
PV2	-0.18	-1.07	-0.49	-
0.28	0.69	0.68		
PV4	-0.43	-1.15	-0.87	-
2.14	-0.14	0.61		
PQ3	-0.41	0.51	1.52	-
1.45	-0.17	-0.34		
PQ4	-0.14	0.00	-0.04	
2.73	0.97	-0.07		
PQ5	0.01	-0.27	-0.56	
1.43	-0.76	0.66		

Modification Indices for THETA-EPS

PQ6	0.23	0.81	0.36	-
0.70	0.07	0.02		
PQ8	-0.29	0.48	-0.33	-
3.33	-0.66	0.13		

Expected Change for THETA-EPS

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
PV1	--			
PV2	0.06	--		
PV4	0.53	0.33	--	
PQ3	-0.02	-0.25	-0.77	--
PQ4	0.50	-0.58	0.08	
1.25	--			
PQ5	-0.24	-0.79	0.65	-
1.25	-1.26	--		
PQ6	-0.01	-0.70	0.08	
0.48	-1.35	1.46		
PQ8	-0.62	-1.34	0.09	
1.01	-2.37	2.92		

Expected Change for THETA-EPS

	PQ6	PQ8
PQ6	--	
PQ8	2.79	--

Modification Indices for THETA-DELTA-EPS

	PI1	PI2	PI3	PI4
PI5	PI6			
BN1	1.13	2.08	2.12	
0.09	0.00	0.16		
BN2	0.11	0.27	0.13	
0.57	0.00	0.05		
BN3	1.88	0.21	0.02	
0.41	0.29	0.15		
BN4	1.59	0.90	0.14	
0.28	0.68	0.02		
SI1	1.79	2.20	1.07	1.60
0.56	0.37			
SI2	0.65	0.47	0.06	1.31
0.01	0.15			
SI3	0.39	1.76	0.87	0.07
0.03	0.13			
SI4	2.11	0.27	0.00	0.05
2.94	0.33			

Modification Indices for THETA-DELTA-EPS

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
BN1	1.96	0.11	1.31	
0.26	1.51	0.21		

BN2	0.22	0.06	0.05	
0.18	0.20	0.28		
BN3	0.00	0.00	0.27	
2.46	0.05	0.22		
BN4	1.22	0.03	0.09	
0.93	0.27	0.08		
SI1	1.85	0.11	0.39	0.00
0.13	0.00			
SI2	0.84	0.03	0.02	0.52
0.58	1.20			
SI3	2.07	0.02	1.78	0.27
0.46	0.32			
SI4	0.31	0.43	0.30	0.19
0.58	0.86			

Modification Indices for THETA-DELTA-EPS

	PQ6	PQ8
	-----	-----
BN1	0.21	3.81
BN2	1.20	0.82
BN3	0.68	0.33
BN4	0.03	0.06
SI1	0.09	0.07
SI2	5.36	1.61
SI3	2.97	1.93
SI4	1.51	3.70

Expected Change for THETA-DELTA-EPS

	PI1	PI2	PI3	PI4
PI5	PI6			
	-----	-----	-----	-----
	-----	-----		
BN1	0.08	0.23	0.19	
0.12	0.01	-0.04		
BN2	0.20	0.63	0.34	-
2.30	0.01	0.17		
BN3	-0.71	-0.47	0.12	-
1.65	-0.46	-0.26		
BN4	-0.40	-0.60	-0.19	-
0.83	-0.43	0.06		
SI1	-0.07	-0.16	-0.09	-0.34
-0.07	0.04			
SI2	0.08	0.14	-0.04	0.59
-0.02	-0.05			
SI3	-0.11	-0.45	-0.25	0.22
-0.05	0.08			
SI4	0.35	0.26	0.02	0.27
0.69	0.18			

Expected Change for THETA-DELTA-EPS

	PV1	PV2	PV4	PQ3
PQ4	PQ5			
	-----	-----	-----	-----
	-----	-----		
BN1	-0.11	0.08	-0.16	
0.13	-0.46	0.12		
BN2	-0.29	-0.42	-0.23	
0.75	-1.15	0.99		
BN3	0.00	0.07	-0.45	
2.36	0.47	-0.75		

BN4	0.35	-0.15	-0.16	
0.89	0.70	-0.28		
SI1	0.07	-0.05	0.06	0.00
0.08	0.01			
SI2	0.10	-0.05	0.02	0.22
0.34	-0.35			
SI3	0.25	0.08	0.39	-0.26
0.50	-0.30			
SI4	-0.14	0.47	-0.22	-0.30
0.76	0.69			

Expected Change for THETA-DELTA-EPS

PQ6 PQ8

BN1	-0.09	0.54
BN2	1.56	1.85
BN3	0.99	0.98
BN4	0.13	-0.26
SI1	0.04	-0.05
SI2	-0.57	-0.44
SI3	-0.70	-0.80
SI4	0.70	1.55

Modification Indices for THETA-DELTA

	BN1	BN2	BN3	BN4
SI1	SI2			

BN1	--			
BN2	0.62	--		
BN3	0.00	4.17	--	
BN4	0.04	2.30	28.82	--
SI1	0.02	0.13	7.30	24.34
--				
SI2	0.10	0.98	0.09	0.19
0.05	--			
SI3	0.53	1.30	0.03	0.46
0.00	22.16			
SI4	4.24	0.00	1.54	1.99
0.41	3.39			

Modification Indices for THETA-DELTA

	SI3	SI4
SI3	--	
SI4	5.21	--

Expected Change for THETA-DELTA

	BN1	BN2	BN3	BN4
SI1	SI2			
BN1	--			
BN2	-0.34	--		
BN3	0.01	5.50	--	
BN4	-0.04	2.51	7.51	--

SI1	0.00	0.10	0.63	0.71
--				
SI2	-0.03	-0.54	-0.14	0.12
0.01	--			
SI3	-0.10	-1.02	0.14	0.31
0.00	3.20			
SI4	0.34	0.08	-1.34	-0.93
-0.07	-0.46			

Expected Change for THETA-DELTA

	SI3	SI4
	-----	-----
SI3	--	
SI4	-0.97	--

Maximum Modification Index is 32.75
for Element (8, 1) of LAMBDA-X

Analisa Structural Model

Standardized Solution

LAMBDA-Y

	PI	PV	PQ
	-----	-----	-----
PI1	0.32	--	--
PI2	0.55	--	--
PI3	0.94	--	--

PI4	1.80	--	--
PI5	1.77	--	--
PI6	1.32	--	--
PV1	--	0.75	--
PV2	--	3.08	--
PV4	--	1.66	--
PQ3	--	--	2.58
PQ4	--	--	4.46
PQ5	--	--	2.06
PQ6	--	--	1.64
PQ8	--	--	2.10

LAMBDA-X

	BN	SI
	-----	-----
BN1	0.53	--
BN2	-0.58	--
BN3	-0.12	--
BN4	-0.08	--
SI1	--	0.06
SI2	--	0.90
SI3	--	1.53
SI4	--	0.64

BETA

	PI	PV	PQ
	-----	-----	-----

PI -- 1.04 --
 PV -- -- 0.89
 PQ -- -- --

0.06 0.20 -0.71
 Regression Matrix ETA on KSI
 (Standardized)

GAMMA

BN SI

 PI -- -0.14
 PV -- --
 PQ 1.31 --

BN SI

 PI 1.21 -0.14
 PV 1.17 --
 PQ 1.31 --

Time used: 0.172

Seconds

Correlation Matrix of ETA and KSI

SI

 PI 1.00
 PV 0.97 1.00
 PQ 0.84 0.89 1.00
 BN 1.15 1.17 1.31 1.00
 SI 0.40 0.52 0.58 0.44
 1.00

PSI

Note: This matrix is diagonal.

PI PV PQ

LAMPIRAN E
BN FULL

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TIME: 19:51

The following lines were read from file
D:\1A BIMBINGAN\BN\BN.LS8:

L I S R E L 8.80

BN LENGKAP

DA NI=4 NO=200 MA=CM

LA

BN1 BN2 BN3 BN4

CM FI='D:\1A
BIMBINGAN\BN\DATA.COV'

SE

1 2 3 4/

MO NX=4 NK=1 LX=FU,FI TD=SY,FI
PH=SY,FR

LK

BN

FR LX 1 1 LX 2 1 LX 3 1 LX 4 1

FR TD 1 1 TD 2 2 TD 3 3 TD 4 4 TD 3 1

PD

OU MI FS SS

BN LENGKAP

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Number of Input
Variables 4

Number of Y - Variables
0

4 Number of X - Variables

Variables 0 Number of ETA -

Variables 1 Number of KSI -

200 Number of Observations

LAMBDA-X

BN

BN1	1
BN2	2
BN3	3
BN4	4

W_A_R_N_I_N_G: Matrix to be analyzed is not positive definite,

ridge option taken with ridge constant = 0.001

THETA-DELTA

BN1 BN2 BN3 BN4

BN LENGKAP

Covariance Matrix

BN1 BN2 BN3 BN4

BN1	0.49			
BN2	0.24	0.30		
BN3	0.49	0.24	0.49	
BN4	0.18	0.12	0.18	

0.22

BN1	5			
BN2	0	6		
BN3	7	0	8	
BN4	0	0	0	9

BN LENGKAP

Number of Iterations = 8

LISREL Estimates (Maximum Likelihood)

BN LENGKAP

LAMBDA-X

Parameter Specifications

BN

BN1 0.60
(0.05)
11.86
BN2 0.40
(0.04)
10.14
BN3 0.60
(0.05)
11.86
BN4 0.30
(0.03)
9.00

(0.02)
6.53
BN3 0.13 -- 0.14
(0.04) (0.04)
3.41 3.42
BN4 -- -- -- 0.13
(0.02)
8.05

Squared Multiple Correlations for X
- Variables

	BN1	BN2	BN3	BN4
	0.73	0.53	0.73	0.41

PHI

BN

1.00

THETA-DELTA

	BN1	BN2	BN3	BN4
BN1	0.14 (0.04) 3.42			
BN2	--	0.14		

Goodness of Fit Statistics

Degrees of Freedom =
1

Minimum Fit Function Chi-Square = 0.00 (P = 1.00)

Normal Theory Weighted Least Squares Chi-Square = 0.00 (P = 1.00)

The Fit is Perfect !

BN LENGKAP

Modification Indices and Expected Change	BN1	0.60
	BN2	0.40
	BN3	0.60
	BN4	0.30
No Non-Zero Modification Indices for LAMBDA-X		

No Non-Zero Modification Indices for PHI

No Non-Zero Modification Indices for THETA-DELTA	BN	1.00
--	----	------

BN LENGKAP

Time used: 0.000

Seconds

Factor Scores Regressions

KSI

	BN1	BN2	BN3	BN4
BN	0.41	0.51	0.41	0.43

BN LENGKAP

Standardized Solution

LAMBDA-X

BN

LAMPIRAN F

PI FULL

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The following lines were read from file
D:\DATA BIMBINGAN\PI\PIFULL.Is8:

L I S R E L 8.80

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PI LENGKAP

DA NI=6 NO=200 MA=CM

LA

PI1 PI2 PI3 PI4 PI5 PI6

CM FI='D:\DATA
BIMBINGAN\PI\DATA.COV'

SE

1 2 3 4 5 6/

MO NY=6 NE=1 LY=FU,FI TE=SY,FI
PS=DI,FR

LE

PI

FR LY 1 1 LY 2 1 LY 3 1 LY 4 1 LY 5 1 LY 6
1FR TE 1 1 TE 2 2 TE 3 3 TE 4 4 TE 5 5 TE
6 6

PD

OU MI FS SS

PI LENGKAP

Number of Input

Variables 6

6

Number of Y - Variables

Number of X - Variables
 0
 LAMBDA-Y
 Number of ETA -
 Variables 1 PI
 Number of KSI -
 Variables 0
 200
 Number of Observations
 PI LENGKAP
 PI1 0
 PI2 1
 PI3 2
 PI4 3
 PI5 4
 PI6 5

Covariance Matrix

	PI1	PI2	PI3	PI4
PI5	0.88	0.93	0.36	0.77
PI6	0.27	0.37	1.00	0.93
PI1	0.88	0.93	0.36	0.77
PI2	0.93	1.79	0.55	1.15
PI3	0.36	0.55	4.02	1.57
PI4	0.77	1.15	1.57	3.09
PI5	0.27	0.37	1.00	0.93
PI6	0.82	0.92	1.79	1.76

PSI

	PI1	PI2	PI3	PI4
PI5	6	7	8	9
PI6	11	12	10	10

THETA-EPS

PI LENGKAP

Parameter Specifications

PI LENGKAP

Number of Iterations = 33

1.00

LISREL Estimates (Maximum Likelihood)

PSI

LAMBDA-Y

PI

PI

1.00

(0.27)

PI1 0.48

3.66

PI2 0.62

(0.12)

5.21

PI3 1.11

(0.19)

5.87

PI4 1.15

(0.18)

6.47

PI5 0.84

(0.11)

7.28

PI6 1.69

(0.23)

7.37

Covariance Matrix of ETA

PI

THETA-EPS

PI1 PI2 PI3 PI4

PI5 PI6

0.65 1.40 2.78 1.77

0.29 0.82

(0.07) (0.15) (0.30) (0.20)

(0.05) (0.16)

9.51 9.61 9.39 8.97

6.36 5.05

Squared Multiple Correlations for Y
- Variables

PI1 PI2 PI3 PI4

PI5 PI6

0.26 0.22 0.31 0.43

0.71 0.78

	ECVI for Saturated Model
	= 0.21
Goodness of Fit Statistics	ECVI for Independence Model = 3.49
Degrees of Freedom =	Chi-Square for Independence Model with 15 Degrees of Freedom = 681.71
9	Independence AIC = 693.71
Minimum Fit Function Chi-Square = 175.95 (P = 0.0)	Model AIC = 185.96
Normal Theory Weighted Least Squares Chi-Square = 161.96 (P = 0.0)	Saturated AIC = 42.00
Estimated Non-centrality Parameter (NCP) = 152.96	Independence CAIC = 719.50
90 Percent Confidence Interval for NCP = (115.34 ; 198.03)	Model CAIC = 237.54
Minimum Fit Function Value = 0.88	Saturated CAIC = 132.26
Population Discrepancy Function Value (F0) = 0.77	Normed Fit Index (NFI) = 0.74
90 Percent Confidence Interval for F0 = (0.58 ; 1.00)	Non-Normed Fit Index (NNFI) = 0.58
Root Mean Square Error of Approximation (RMSEA) = 0.29	Parsimony Normed Fit Index (PNFI) = 0.45
90 Percent Confidence Interval for RMSEA = (0.25 ; 0.33)	Comparative Fit Index (CFI) = 0.75
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.00	Incremental Fit Index (IFI) = 0.75
Expected Cross-Validation Index (ECVI) = 0.93	Relative Fit Index (RFI) = 0.57
90 Percent Confidence Interval for ECVI = (0.75 ; 1.16)	Critical N (CN) = 25.51

Root Mean Square Residual
(RMR) = 0.21

PI5	30.88	17.77	2.45
0.82	--		

Standardized RMR =
0.13

PI6	0.09	6.58	2.09	15.43
50.69	--			

Goodness of Fit Index (GFI)
= 0.79

Expected Change for THETA-EPS

Adjusted Goodness of Fit
Index (AGFI) = 0.50

	PI1	PI2	PI3	PI4
PI5	PI6			
	-----	-----	-----	-----
-----	-----			

PI LENGKAP

PI1	--			
PI2	0.70	--		
PI3	-0.20	-0.16	--	
PI4	0.25	0.51	0.35	--
PI5	-0.23	-0.25	0.14	-0.07
--				
PI6	0.02	-0.29	-0.25	-0.61
0.83	--			

Modification Indices and Expected
Change

No Non-Zero Modification Indices for
LAMBDA-Y

No Non-Zero Modification Indices for
PSI

Maximum Modification Index is 96.74
for Element (2, 1) of THETA-EPS

Modification Indices for THETA-EPS

	PI1	PI2	PI3	PI4
PI5	PI6			
	-----	-----	-----	-----
-----	-----			

PI LENGKAP

Factor Scores Regressions

PI1	--			
PI2	96.74	--		
PI3	3.98	1.23	--	
PI4	9.37	17.79	4.19	--

ETA

	PI1	PI2	PI3	PI4
PI5	PI6			

 PI 0.08 0.05 0.05 0.07
 0.33 0.24
 1.00

Time used: 0.031

Seconds

PI LENGKAP

Standardized Solution

LAMBDA-Y

PI

PI1 0.48
 PI2 0.62
 PI3 1.11
 PI4 1.15
 PI5 0.84
 PI6 1.69

Correlation Matrix of ETA

PI

1.00

PSI

PI

LAMPIRAN G
PQ FULL

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www.ssicentral.com

DATE: 9/ 9/2017
TIME: 19:54

The following lines were read from file
D:\1A BIMBINGAN\PQ\PQ.LS8:

L I S R E L 8.80

PQLENGKAP

DA NI=8 NO=200 MA=CM

LA

BY

PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8

CM FI='D:\1A
BIMBINGAN\PQ\DATA.COV'

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Sörbom

SE

1 2 3 4 5 6 7 8/

MO NY=8 NE=1 LY=FU,FI TE=SY,FI
PS=DI,FR

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1 LY 7 1 LY 8 1

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6 6 TE 7 7 TE 8 8

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PQLENGKAP

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Number of Input
Variables 8

Number of Y - Variables PQ6 0.35 0.10 0.18
 8 0.12 0.18 0.22

 Number of X - Variables PQ7 3.26 1.10 1.48
 0 1.33 1.48 0.83

 Number of ETA - PQ8 0.52 0.16 0.24
 Variables 1 0.30 0.24 0.12

 Number of KSI -
 Variables 0

 Number of Observations
 200

Covariance Matrix

PQ7 PQ8

W_A_R_N_I_N_G: Matrix to be analyzed is not positive definite,

PQ7 16.08
 PQ8 1.33 0.30

ridge option taken with ridge constant = 0.001

PQLENGKAP

PQLENGKAP

Parameter Specifications

Covariance Matrix

PQ1 PQ2 PQ3 PQ4
 PQ5 PQ6

 PQ1 3.67
 PQ2 0.68 0.51
 PQ3 0.78 0.24 0.49
 PQ4 0.52 0.16 0.24
 0.30
 PQ5 0.78 0.24 0.49
 0.24 0.49

LAMBDA-Y

PQ

 PQ1 0
 PQ2 1
 PQ3 2
 PQ4 3
 PQ5 4
 PQ6 5
 PQ7 6

PQ8 7

PSI

PQ

8

THETA-EPS

PQ1 PQ2 PQ3 PQ4

PQ5 PQ6

9 10 11 12

13 14

THETA-EPS

PQ7 PQ8

15 16

PQLENGKAP

Number of Iterations = 10

LAMBDA-Y

PQ

PQ1 1.12

PQ2 0.35

(0.06)

6.22

PQ3 0.70

(0.07)

10.10

PQ4 0.34

(0.05)

7.48

PQ5 0.70

(0.07)

10.10

PQ6 0.26

(0.04)

6.82

PQ7 2.12

(0.32)

6.62

PQ8 0.34

(0.05)

7.48

LISREL Estimates (Maximum Likelihood)

Covariance Matrix of ETA

	11.60	0.19
PQ	(1.16)	(0.02)
-----	9.97	9.97
1.00		

Squared Multiple Correlations for Y
- Variables

PSI

	PQ1	PQ2	PQ3	PQ4
PQ	PQ6			
-----	-----	-----	-----	-----
1.00				
(0.22)	0.34	0.24	1.00	0.38
4.51	1.00	0.30		

Squared Multiple Correlations for Y
- Variables

THETA-EPS

	PQ1	PQ2	PQ3	PQ4
PQ5	PQ6			
-----	-----	-----	-----	-----
0.00	2.43	0.39	0.00	0.19
(0.00)	(0.24)	(0.04)	(0.00)	(0.02)
	9.97	9.97	0.54	9.97
0.54	9.97			

	PQ7	PQ8
-----	-----	
	0.28	0.38

Goodness of Fit Statistics

Degrees of Freedom =
20

Minimum Fit Function Chi-Square = 1225.30 (P = 0.0)

Normal Theory Weighted Least Squares Chi-Square = 350.61 (P = 0.0)

Estimated Non-centrality Parameter (NCP) = 330.61

THETA-EPS

	PQ7	PQ8
-----	-----	

90 Percent Confidence Interval
for NCP = (273.57 ; 395.09)

Model CAIC = 451.39

Saturated CAIC =

226.74

Minimum Fit Function
Value = 6.16

Normed Fit Index (NFI) =

Population Discrepancy
Function Value (F0) = 1.66

0.30

90 Percent Confidence Interval
for F0 = (1.37 ; 1.99)

(NNFI) = 0.024

Non-Normed Fit Index

Root Mean Square Error of
Approximation (RMSEA) = 0.29

(PNFI) = 0.22

Parsimony Normed Fit Index

90 Percent Confidence Interval
for RMSEA = (0.26 ; 0.32)

(CFI) = 0.30

Comparative Fit Index

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

= 0.31

Incremental Fit Index (IFI)

Relative Fit Index (RFI) =

0.023

Expected Cross-Validation
Index (ECVI) = 1.92

Critical N (CN) = 7.10

90 Percent Confidence Interval
for ECVI = (1.64 ; 2.25)

ECVI for Saturated Model
= 0.36

Root Mean Square Residual

(RMR) = 0.23

ECVI for Independence
Model = 8.91

Standardized RMR =

0.14

Chi-Square for Independence Model
with 28 Degrees of Freedom = 1756.10

Goodness of Fit Index (GFI)

= 0.69

Independence AIC =
1772.10

Adjusted Goodness of Fit
Index (AGFI) = 0.45

Model AIC = 382.61

Parsimony Goodness of Fit
Index (PGFI) = 0.39

Saturated AIC = 72.00

Independence CAIC =
1806.49

PQLENGKAP

Modification Indices and Expected
Change

PQ7 --
PQ8 34.80 --

No Non-Zero Modification Indices for
LAMBDA-Y

Expected Change for THETA-EPS

No Non-Zero Modification Indices for
PSI

PQ1 PQ2 PQ3 PQ4
PQ5 PQ6

Modification Indices for THETA-EPS

	PQ1	PQ2	PQ3	PQ4
PQ5				
PQ1	--			
PQ2	17.98	--		
PQ3	0.05	0.04	--	
PQ4	8.49	4.64	0.25	--
PQ5	0.05	0.04	232.73	
PQ6	1.97	0.22	0.03	
PQ7	5.64	5.79	0.12	
PQ8	8.49	4.64	0.25	

PQ1	--			
PQ2	0.29	--		
PQ3	0.00	0.00	--	
PQ4	0.14	0.04	0.00	--
PQ5	0.00	0.00	0.29	
PQ6	0.06	0.01	0.00	
PQ7	0.89	0.36	0.00	
PQ8	0.14	0.04	0.00	

Expected Change for THETA-EPS

PQ7 PQ8

PQ7 --
PQ8 0.61 --

Modification Indices for THETA-EPS

PQ7 PQ8

Maximum Modification Index is 232.73
for Element (5, 3) of THETA-EPS

PQLENGKAP	PQ3	0.70
	PQ4	0.34
	PQ5	0.70
Factor Scores Regressions	PQ6	0.26
	PQ7	2.12
ETA	PQ8	0.34

	PQ1	PQ2	PQ3	PQ4
PQ5	PQ6			

PQ	0.00	0.00	0.71	0.00
0.71	0.00			

Correlation Matrix of ETA

PQ

1.00

ETA

PSI

	PQ7	PQ8

PQ	0.00	0.00

PQ

1.00

PQLENGKAP

Time used: 0.000

Seconds

Standardized Solution

LAMBDA-Y

	PQ

PQ1	1.12
PQ2	0.35

LAMPIRAN H
PV FULL

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DATE: 9/ 9/2017
TIME: 20:00

The following lines were read from file
D:\1A BIMBINGAN\PV\PV.ls8:

L I S R E L 8.80

PV LENGKAP

DA NI=4 NO=200 MA=CM

LA

BY

PV1 PV2 PV3 PV4

CM FI='D:\1A
BIMBINGAN\PV\DATA.cov'

Karl G. Jöreskog & Dag
Sörbom

SE

1 2 3 4/

MO NY=4 NE=1 LY=FU,FI TE=SY,FI
PS=DI,FR

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PV

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FR LY 1 1 LY 2 1 LY 3 1 LY 4 1

FR TE 1 1 TE 2 2 TE 3 3 TE 4 4 TE 4 3

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Lincolnwood, IL 60712,
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OU MI FS SS

Phone: (800)247-6113, (847)675-
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PV LENGKAP

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Number of Input
Variables 4

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Number of Y - Variables
4

```

Number of X - Variables          LAMBDA-Y
0
Number of ETA -                  PV
Variables 1
Number of KSI -                  -----
Variables 0                      PV1    0
Number of Observations          PV2    1
200                              PV3    2
                                PV4    3

```

```

W_A_R_N_I_N_G: Matrix to be
analyzed is not positive definite,
    ridge option taken with ridge
constant = 0.001
                                PSI
                                PV
                                -----
PV LENGKAP                      4

```

Covariance Matrix

```

          PV1    PV2    PV3    PV4
          -----
PV1    0.49
PV2    0.23    0.30
PV3    0.49    0.23    0.49
PV4    0.18    0.11    0.17    0.22

```

THETA-EPS

```

          PV1    PV2    PV3    PV4
          -----
PV1    5
PV2    0    6
PV3    0    0    7
PV4    0    0    8    9

```

PV LENGKAP

PV LENGKAP

Parameter Specifications

Number of Iterations = 18

(0.10)
 LISREL Estimates (Maximum Likelihood) 9.86

LAMBDA-Y		THETA-EPS				
	PV		PV1	PV2	PV3	PV4
	-----		-----	-----	-----	-----
PV1	0.70	PV1	0.01			
PV2	0.33		(0.00)			
	(0.03)		2.66			
	10.96	PV2	--	0.18		
PV3	0.70		(0.02)			
	(0.00)		9.97			
	194.87	PV3	--	--	0.00	
PV4	0.26			(0.00)		
	(0.03)			-2.15		
	9.26	PV4	--	--	-0.01	0.15
				(0.00)	(0.02)	
				-5.21	9.93	

Covariance Matrix of ETA

PV

 1.00

PSI

PV

 1.00

Squared Multiple Correlations for Y
 - Variables

	PV1	PV2	PV3	PV4
	-----	-----	-----	-----
	0.99	0.38	1.01	0.30

Goodness of Fit Statistics

Degrees of Freedom =		Chi-Square for Independence Model with 6 Degrees of Freedom = 505.32
1		Independence AIC =
Minimum Fit Function Chi-Square = 6.24 (P = 0.013)	513.32	Model AIC = 24.14
Normal Theory Weighted Least Squares Chi-Square = 6.14 (P = 0.013)		Saturated AIC = 20.00
Estimated Non-centrality Parameter (NCP) = 5.14	530.51	Independence CAIC =
90 Percent Confidence Interval for NCP = (0.69 ; 17.00)		Model CAIC = 62.82
		Saturated CAIC = 62.98
Minimum Fit Function Value = 0.031	0.99	Normed Fit Index (NFI) =
Population Discrepancy Function Value (F0) = 0.026		Non-Normed Fit Index (NNFI) = 0.94
90 Percent Confidence Interval for F0 = (0.0034 ; 0.085)		Parsimony Normed Fit Index (PNFI) = 0.16
Root Mean Square Error of Approximation (RMSEA) = 0.16		Comparative Fit Index (CFI) = 0.99
90 Percent Confidence Interval for RMSEA = (0.059 ; 0.29)		Incremental Fit Index (IFI) = 0.99
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.039	0.93	Relative Fit Index (RFI) =
Expected Cross-Validation Index (ECVI) = 0.12		Critical N (CN) = 212.71
90 Percent Confidence Interval for ECVI = (0.099 ; 0.18)		Root Mean Square Residual (RMR) = 0.0092
ECVI for Saturated Model = 0.10		Standardized RMR =
ECVI for Independence Model = 2.58	0.037	Goodness of Fit Index (GFI) = 0.98

Adjusted Goodness of Fit
Index (AGFI) = 0.85

Parsimony Goodness of Fit
Index (PGFI) = 0.098

PV2	--	--		
PV3	0.17	-0.08	--	
PV4	-0.06	0.03	--	--

PV LENGKAP

Maximum Modification Index is 6.14
for Element (3, 1) of THETA-EPS

Modification Indices and Expected
Change

PV LENGKAP

No Non-Zero Modification Indices for
LAMBDA-Y

Factor Scores Regressions

No Non-Zero Modification Indices for
PSI

ETA

Modification Indices for THETA-EPS

	PV1	PV2	PV3	PV4
PV	-7.38	-0.10	8.76	0.26

	PV1	PV2	PV3	PV4
--	-----	-----	-----	-----

PV LENGKAP

PV1	--			
PV2	--	--		
PV3	6.14	6.14	--	
PV4	6.14	6.14	--	--

Standardized Solution

LAMBDA-Y

Expected Change for THETA-EPS

PV

	PV1	PV2	PV3	PV4
PV1	--			

PV1	0.70
PV2	0.33
PV3	0.70
PV4	0.26

Correlation Matrix of ETA

PV

1.00

PSI

PV

1.00

Time used: 0.000

Seconds

LAMPIRAN I
SI FULL

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Website:
www.ssicentral.com

DATE: 9/ 9/2017

TIME: 20:09

The following lines were read from file
D:\DATA BIMBINGAN\SI\SIFULL.ls8:

L I S R E L 8.80

BY

Karl G. Jöreskog & Dag

Sörbom

SI LENGKAP

DA NI=4 NO=200 MA=CM

LA

SI1 SI2 SI3 SI4

CM FI='D:\DATA
BIMBINGAN\SI\data.COV'

SE

1 2 3 4/

MO NX=4 NK=1 LX=FU,FI TD=SY,FI
PH=SY,FR

LK

SI

FR LX 1 1 LX 2 1 LX 3 1 LX 4 1

FR TD 1 1 TD 2 2 TD 3 3 TD 4 4

PD

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SI LENGKAP

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Number of Input
Variables 4

Number of Y - Variables
0

```

Number of X - Variables      SI2    2
4
Number of ETA -             SI3    3
Variables 0                  SI4    4
Number of KSI -
Variables 1
Number of Observations
200
                                THETA-DELTA
                                SI1    SI2    SI3    SI4
                                -----
SI LENGKAP                    5     6     7     8

```

Covariance Matrix

```

      SI1    SI2    SI3    SI4
      -----
SI1  22.65
SI2  5.58   16.07
SI3  2.56   7.53   6.07
SI4  0.06   0.63   0.72   0.17

```

SI LENGKAP

Number of Iterations = 14

LISREL Estimates (Maximum Likelihood)

LAMBDA-X

SI LENGKAP

Parameter Specifications

LAMBDA-X

```

      SI
      -----
SI1  1

```

```

      SI
      -----
SI1  0.68
      (0.27)
      2.54
SI2  2.62
      (0.27)
      9.61
SI3  2.87

```

(0.15)
 18.87
 SI4 0.26
 (0.03)
 9.06

PHI

SI

1.00

THETA-DELTA

SI1	SI2	SI3	SI4
22.18	9.22	-2.15	0.11
(2.21)	(1.07)	(0.69)	(0.01)
10.05	8.62	-3.10	9.00

Squared Multiple Correlations for X
 - Variables

SI1	SI2	SI3	SI4
0.02	0.43	1.35	0.38

Goodness of Fit Statistics

Degrees of Freedom =
 2

Minimum Fit Function Chi-Square = 14.00 (P = 0.00091)

Normal Theory Weighted Least Squares Chi-Square = 13.70 (P = 0.0011)

Estimated Non-centrality Parameter (NCP) = 11.70

90 Percent Confidence Interval for NCP = (3.48 ; 27.38)

Minimum Fit Function Value = 0.070

Population Discrepancy Function Value (F0) = 0.059

90 Percent Confidence Interval for F0 = (0.017 ; 0.14)

Root Mean Square Error of Approximation (RMSEA) = 0.17

90 Percent Confidence Interval for RMSEA = (0.094 ; 0.26)

P-Value for Test of Close Fit (RMSEA < 0.05) = 0.0071

Expected Cross-Validation Index (ECVI) = 0.15

90 Percent Confidence Interval for ECVI = (0.11 ; 0.23)

ECVI for Saturated Model = 0.10

ECVI for Independence Model = 1.40

Chi-Square for Independence Model
with 6 Degrees of Freedom = 270.78

Independence AIC =
278.78

Model AIC = 29.70

Saturated AIC = 20.00

Independence CAIC =
295.97

Model CAIC = 64.09

Saturated CAIC = 62.98

Normed Fit Index (NFI) =
0.95

Non-Normed Fit Index
(NNFI) = 0.86

Parsimony Normed Fit Index
(PNFI) = 0.32

Comparative Fit Index
(CFI) = 0.95

Incremental Fit Index (IFI)
= 0.96

Relative Fit Index (RFI) =
0.84

Critical N (CN) = 131.90

Root Mean Square Residual
(RMR) = 1.22

Standardized RMR =
0.068

Goodness of Fit Index (GFI)
= 0.97

Adjusted Goodness of Fit
Index (AGFI) = 0.83

Parsimony Goodness of Fit
Index (PGFI) = 0.19

SI LENGKAP

Modification Indices and Expected
Change

No Non-Zero Modification Indices for
LAMBDA-X

No Non-Zero Modification Indices for
PHI

Modification Indices for THETA-
DELTA

	SI1	SI2	SI3	SI4
SI1	--			
SI2	11.35	--		
SI3	3.05	0.87	--	
SI4	0.87	3.05	11.35	--

Expected Change for THETA-DELTA

	SI1	SI2	SI3	SI4
SI1	--			

SI2	3.07	--		
SI3	-1.20	-4.00	--	
SI4	-0.09	-0.41	1.26	--

PHI

SI

Maximum Modification Index is 11.35
for Element (4, 3) of THETA-DELTA

1.00

SI LENGKAP

Time used: 0.031

Seconds

Factor Scores Regressions

KSI

SI1 SI2 SI3 SI4

SI -0.02 -0.20 0.92 -1.66

SI LENGKAP

Standardized Solution

LAMBDA-X

SI

SI1 0.68

SI2 2.62

SI3 2.87

SI4 0.26