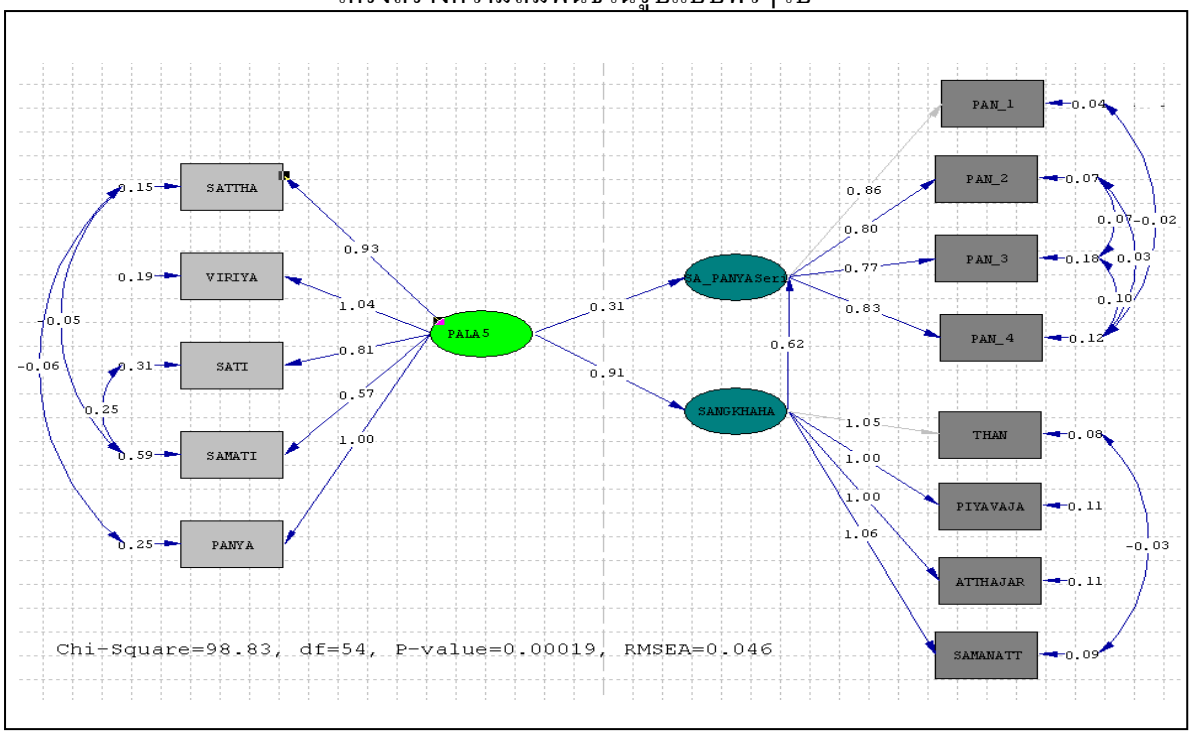
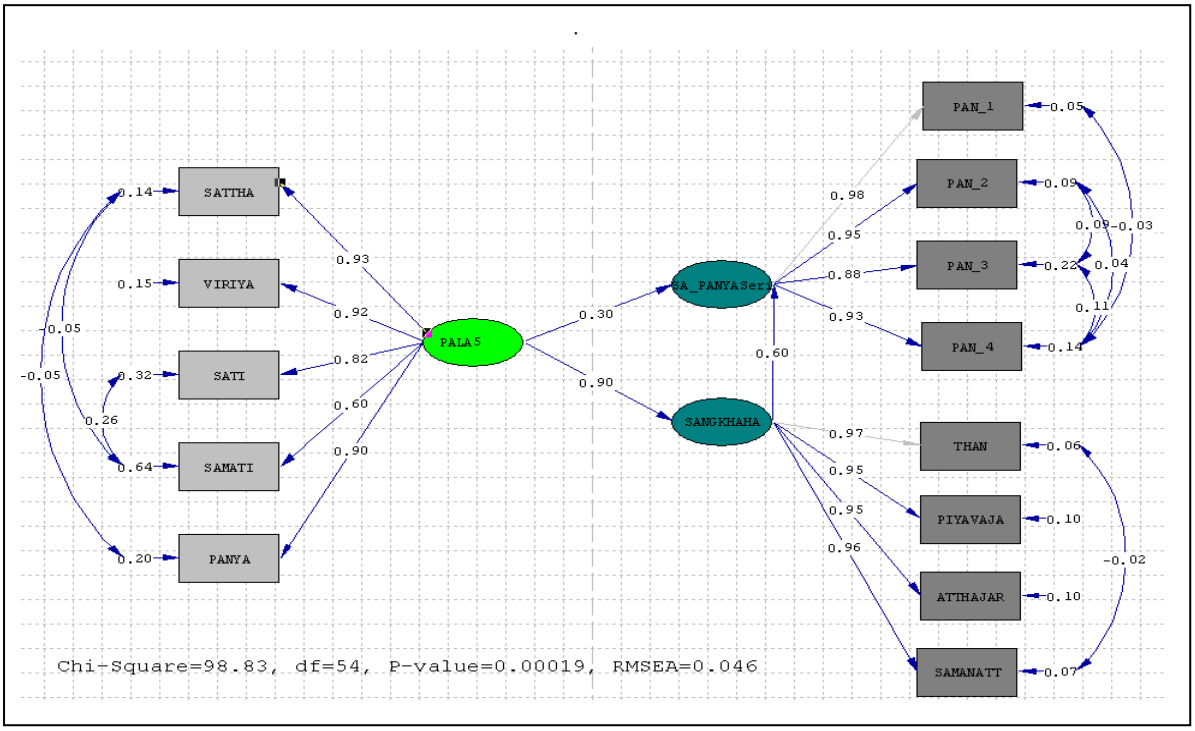
ผลการวิเคราะห์ Path Analysis

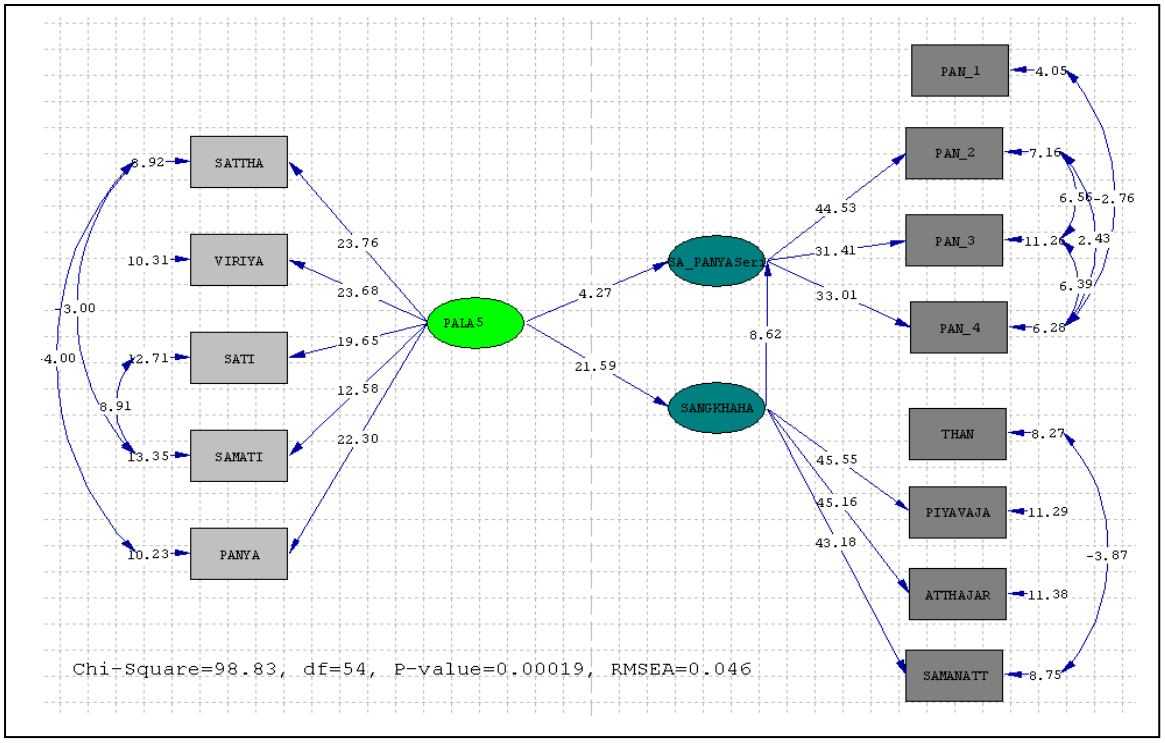
โครงสร้างความสัมพันธ์ในรูปแบบทั่วๆไป



โครงสร้างความสัมพันธ์ในรูปค่ามาตรฐาน



โครงสร้างความสัมพันธ์ในรูปค่าสถิติทดสอบ



การทดสอบการแจกแจงของข้อมูล

Test of Univariate Normality for Continuous Variables

	Skewness		Kurtosis		Skewness and Kurtosis	
Variable	Z-Score	P-Value	Z-Score	P-Value	Chi-Square	P-Value
SATTHA	-2.399	0.016	-4.316	0.000	24.385	0.000
VIRIYA	-3.500	0.000	-3.989	0.000	28.166	0.000
SATI	-0.715	0.475	-3.267	0.001	11.185	0.004
SAMATI	2.094	0.036	-0.516	0.606	4.650	0.098
PANYA	-2.657	0.008	-4.941	0.000	31.470	0.000
THAN	-3.254	0.001	-3.886	0.000	25.687	0.000
PIYAVAJA	-3.096	0.002	-3.647	0.000	22.886	0.000
ATTHAJAR	-3.324	0.001	-2.274	0.023	16.220	0.000
SAMANATT	-3.915	0.000	-2.841	0.004	23.400	0.000
PAN_1	-3.735	0.000	-3.456	0.001	25.894	0.000
PAN_2	-2.798	0.005	-3.528	0.000	20.275	0.000
PAN_3	-2.290	0.022	-3.530	0.000	17.710	0.000
PAN_4	-2.694	0.007	-3.740	0.000	21.246	0.000

Histograms for Continuous Variables

SATTHA

Frequency	Percentage	Lower Class Limit	
13	3.4	1.000	
22	5.7	1.400	
37	9.6	1.800	
22	5.7	2.200	
58	15.0	2.600	
28	7.3	3.000	
72	18.7	3.400	
47	12.2	3.800	
45	11.7	4.200	
42	10.9	4.600	

VIRIYA

Frequency	Percentage	Lower Class Limit	
22	5.7	1.000	
10	2.6	1.400	
39	10.1	1.800	
20	5.2	2.200	
55	14.2	2.600	
18	4.7	3.000	
56	14.5	3.400	
57	14.8	3.800	
42	10.9	4.200	
67	17.4	4.600	

SATI

Frequency	Percentage	Lower Class Limit	
32	8.3	1.000	
24	6.2	1.400	
33	8.5	1.800	
48	12.4	2.200	
84	21.8	2.600	
35	9.1	3.000	
55	14.2	3.400	
37	9.6	3.800	
23	6.0	4.200	
15	3.9	4.600	

SAMATI

Frequency	Percentage	Lower Class Limit	
49	12.7	1.000	
26	6.7	1.400	
58	15.0	1.800	
54	14.0	2.200	
110	28.5	2.600	
25	6.5	3.000	
22	5.7	3.400	
18	4.7	3.800	
12	3.1	4.200	
12	3.1	4.600	

PANYA

Frequency	Percentage	Lower Class Limit	
22	5.7	1.000	
22	5.7	1.400	
28	7.3	1.800	
31	8.0	2.200	
19	4.9	2.600	
64	16.6	3.000	
55	14.2	3.400	
54	14.0	3.800	
36	9.3	4.200	
55	14.2	4.600	

THAN

Frequency	Percentage	Lower Class Limit	
24	6.2	1.000	
18	4.7	1.400	
26	6.7	1.800	
32	8.3	2.200	
53	13.7	2.600	
30	7.8	3.000	
56	14.5	3.400	
50	13.0	3.800	
50	13.0	4.200	
47	12.2	4.600	

PIYAVAJA

Frequency	Percentage	Lower Class Limit	
23	6.0	1.000	
16	4.1	1.400	
35	9.1	1.800	
22	5.7	2.200	
17	4.4	2.600	
76	19.7	3.000	
57	14.8	3.400	
59	15.3	3.800	
38	9.8	4.200	
43	11.1	4.600	

ATTHAJAR

Frequency	Percentage	Lower Class Limit	
32	8.3	1.000	
8	2.1	1.400	
44	11.4	1.800	
18	4.7	2.200	
59	15.3	2.600	
42	10.9	3.000	
62	16.1	3.400	

70	18.1	3.800	
14	3.6	4.200	
37	9.6	4.600	

SAMANATT

Frequency	Percentage	Lower Class Limit	
26	6.7	1.000	
14	3.6	1.400	
31	8.0	1.800	
17	4.4	2.200	
13	3.4	2.600	
74	19.2	3.000	
42	10.9	3.400	
76	19.7	3.800	
38	9.8	4.200	
55	14.2	4.600	

PAN_1

Frequency	Percentage	Lower Class Limit	
30	7.8	0.892	
25	6.5	1.248	
29	7.5	1.605	
23	6.0	1.962	
50	13.0	2.319	
51	13.2	2.675	
66	17.1	3.032	
66	17.1	3.389	
25	6.5	3.745	
21	5.4	4.102	

PAN_2

Frequency	Percentage	Lower Class Limit	
29	7.5	0.880	
20	5.2	1.232	
41	10.6	1.584	
28	7.3	1.937	
53	13.7	2.289	
52	13.5	2.641	
65	16.8	2.993	
57	14.8	3.345	
23	6.0	3.697	
18	4.7	4.049	

PAN_3

Frequency	Percentage	Lower Class Limit	
33	8.5	0.904	
21	5.4	1.266	
38	9.8	1.628	
29	7.5	1.990	
34	8.8	2.352	
81	21.0	2.713	
56	14.5	3.075	
52	13.5	3.437	
24	6.2	3.799	
18	4.7	4.160	

PAN_4

Frequency	Percentage	Lower Class Limit	
28	7.3	0.890	□□□□□□□□□□□□□□□
17	4.4	1.245	□□□□□□□□
45	11.7	1.601	□□□□□□□□□□□□□□□□□□□□□□□□
26	6.7	1.957	□□□□□□□□□□□□□□
24	6.2	2.313	□□□□□□□□□□□□
72	18.7	2.669	
62	16.1	3.025	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
59	15.3	3.380	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
23	6.0	3.736	□□□□□□□□□□□□
30	7.8	4.092	□□□□□□□□□□□□□□□□

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ผลการวิเคราะห์ PATH ANALYSIS

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BY

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Covariance Matrix

	THAN	PIYAVAJA	ATTHAJAR	SAMANATT	PAN_1	PAN_2
THAN	1.19					
PIYAVAJA	1.07	1.13				
ATTHAJAR	1.07	1.02	1.13			
SAMANATT	1.10	1.07	1.07	1.22		
PAN_1	0.81	0.77	0.79	0.83	0.83	
PAN_2	0.75	0.72	0.73	0.77	0.74	0.75
PAN_3	0.74	0.70	0.72	0.75	0.72	0.74

PAN_4	0.79	0.74	0.76	0.79	0.74	0.74
SATTHA	0.89	0.85	0.85	0.90	0.70	0.67
VIRIYA	0.98	0.95	0.94	1.01	0.75	0.69
SATI	0.78	0.73	0.74	0.77	0.62	0.60
SAMATI	0.58	0.55	0.57	0.55	0.44	0.45
PANYA	0.95	0.92	0.89	0.96	0.75	0.69

Covariance Matrix

	PAN_3	PAN_4	SATTHA	VIRIYA	SATI	SAMATI
PAN_3	0.83					
PAN_4	0.79	0.86				
SATTHA	0.65	0.70	1.06			
VIRIYA	0.68	0.73	0.99	1.25		
SATI	0.59	0.60	0.77	0.81	0.96	
SAMATI	0.45	0.43	0.49	0.54	0.70	0.91
PANYA	0.65	0.72	0.89	1.02	0.81	0.59

Covariance Matrix

	PANYA
PANYA	1.24

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Initial Estimates (TSLS)

Measurement Equations

THAN = 1.05*SANGKHAH, Errorvar.= 0.077, R^2 = 0.94

PIYAVAJA = 1.00*SANGKHAH, Errorvar.= 0.11, R^2= 0.90

ATTHAJAR = 1.00*SANGKHAH, Errorvar.= 0.11, R^2= 0.90

SAMANATT = 1.06*SANGKHAH, Errorvar.= 0.090, R^2= 0.93

PAN_1 = 0.86*SA_PANYA, Errorvar.= 0.039, R^2= 0.95

PAN_2 = 0.80*SA_PANYA, Errorvar.= 0.067, R^2= 0.91

PAN_3 = 0.77*SA_PANYA, Errorvar.= 0.18, R^2= 0.78

PAN_4 = 0.83*SA_PANYA, Errorvar.= 0.12, R^2= 0.86

SATTHA = 0.92*PALA5, Errorvar.= 0.15, R^2= 0.85

VIRIYA = 1.04*PALA5, Errorvar.= 0.19, R^2= 0.85

SATI = 0.81*PALA5, Errorvar.= 0.31, R^2= 0.68

SAMATI = 0.57*PALA5, Errorvar.= 0.59, R^2= 0.36

PANYA = 1.01*PALA5, Errorvar.= 0.25, R^2= 0.80

Error Covariance for SAMANATT and THAN = -0.03
(0.0)

Error Covariance for PAN_3 and PAN_2 = 0.070
(0.0)

Error Covariance for PAN_4 and PAN_1 = -0.02
(0.0)

Error Covariance for PAN_4 and PAN_2 = 0.028
(0.0)

Error Covariance for PAN_4 and PAN_3 = 0.097
(0.0)

Error Covariance for SAMATI and SATTHA = -0.05
(0.0)

Error Covariance for SAMATI and SATI = 0.25
(0.0)

Error Covariance for PANYA and SATTHA = -0.06
(0.0)

Structural Equations

SA_PANYA = 0.62*SANGKHAH + 0.31*PALA5, Errorvar.= 0.25, R^2= 0.77

SANGKHAH = 0.91*PALA5, Errorvar.= 0.19, R^2= 0.81

Reduced Form Equations

SA_PANYA = 0.87*PALA5, Errorvar.= 0.33, R^2= 0.70

SANGKHAH = 0.91*PALA5, Errorvar.= 0.19, R^2= 0.81

Correlation Matrix of Independent Variables

PALA5
1.00

Covariance Matrix of Latent Variables

SA_PANYA	SANGKHAH	PALA5

SA_PANYA	1.08		
SANGKHAH	0.90	1.01	
PALA5	0.87	0.91	1.00

Behavior under Minimization Iterations

Iter	Try	Abscissa	Slope	Function
1	0	0.00000000D+00	-0.64382706D-02	0.13588537D+00
	1	0.10000000D+01	0.65877205D-04	0.13272794D+00
2	0	0.00000000D+00	-0.17785425D-04	0.13272794D+00
	1	0.10000000D+01	-0.15418822D-05	0.13271825D+00
3	0	0.00000000D+00	-0.26649632D-06	0.13271825D+00
	1	0.10000000D+01	-0.11829781D-08	0.13271812D+00
4	0	0.00000000D+00	-0.18287957D-08	0.13271812D+00
	1	0.10000000D+01	-0.35609720D-10	0.13271811D+00
5	0	0.00000000D+00	-0.34525483D-10	0.13271811D+00
	1	0.10000000D+01	-0.23198879D-12	0.13271811D+00

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Number of Iterations = 5

LISREL Estimates (Maximum Likelihood)

Measurement Equations

THAN = 1.05*SANGKHAH, Errorvar.= 0.077 , R^2 = 0.94
(0.0093)
8.27

PIYAVAJA = 1.00*SANGKHAH, Errorvar.= 0.11 , R^2 = 0.90
(0.022) (0.0096)
45.55 11.29

ATTHAJAR = 1.00*SANGKHAH, Errorvar.= 0.11 , R^2= 0.90
(0.022) (0.0098)
45.16 11.38

SAMANATT = 1.06*SANGKHAH, Errorvar.= 0.090 , R^2= 0.93
(0.024) (0.010)
43.18 8.75

PAN_1 = 0.86*SA_PANYA, Errorvar.= 0.039 , R^2= 0.95

(0.0097)
4.05

PAN_2 = 0.80*SA_PANYA, Errorvar.= 0.067 , R^2 = 0.91
(0.018) (0.0093)
44.53 7.16

PAN_3 = 0.77*SA_PANYA, Errorvar.= 0.18 , R^2= 0.78
(0.025) (0.016)
31.41 11.26

PAN_4 = 0.83*SA_PANYA, Errorvar.= 0.12 , R^2= 0.86
(0.025) (0.020)
33.01 6.28

SATTHA = 0.95*PALA5, Errorvar.= 0.15 , R^2= 0.86
(0.040) (0.017)
23.76 8.92

VIRIYA = 1.03*PALA5, Errorvar.= 0.19 , R^2 = 0.85
(0.044) (0.018)
23.68 10.31

SATI = 0.81*PALA5, Errorvar.= 0.31 , R□ = 0.68
(0.041) (0.024)
19.65 12.71

SAMATI = 0.57*PALA5, Errorvar.= 0.59 , R^2= 0.36
(0.045) (0.044)
12.58 13.35

PANYA = 1.00*PALA5, Errorvar.= 0.25 , R^2= 0.80
(0.045) (0.024)
22.30 10.23

Error Covariance for SAMANATT and THAN = -0.03
(0.0072)
-3.87

Error Covariance for PAN_3 and PAN_2 = 0.070
(0.011)
6.56

Error Covariance for PAN_4 and PAN_1 = -0.02
(0.0088)
-2.76

Error Covariance for PAN_4 and PAN_2 = 0.028
(0.012)
2.43

Error Covariance for PAN_4 and PAN_3 = 0.097
(0.015)
6.39

Error Covariance for SAMATI and SATTHA = -0.05
(0.016)
-3.00

Error Covariance for SAMATI and SATI = 0.25
(0.028)
8.91

Error Covariance for PANYA and SATTHA = -0.06
(0.014)
-4.00

Structural Equations

SA_PANYA = 0.62*SANGKHAH + 0.31*PALA5, Errorvar.= 0.25 , R^2 = 0.77
(0.071) (0.073) (0.023)
8.62 4.27 11.12

SANGKHAH = 0.91*PALA5, Errorvar.= 0.19 , R^2= 0.81
(0.042) (0.019)
21.59 10.17

Reduced Form Equations

SA_PANYA = 0.87*PALA5, Errorvar.= 0.33, R^2= 0.70
(0.045)
19.38

SANGKHAH = 0.91*PALA5, Errorvar.= 0.19, R^2= 0.81
(0.042)
21.59

Correlation Matrix of Independent Variables

	PALA5
	1.00

Covariance Matrix of Latent Variables

	SA_PANYA	SANGKHAH	PALA5
SA_PANYA	1.08		
SANGKHAH	0.90	1.01	
PALA5	0.87	0.91	1.00

Goodness of Fit Statistics

Degrees of Freedom = 54
Minimum Fit Function Chi-Square = 102.19 (P = 0.00)
Normal Theory Weighted Least Squares Chi-Square = 98.83 (P = 0.00019)
Chi-Square Difference with 0 Degree of Freedom = 0.00 (P = 1.00)
Estimated Non-centrality Parameter (NCP) = 44.83
90 Percent Confidence Interval for NCP = (20.79 ; 76.70)
Minimum Fit Function Value = 0.27
Population Discrepancy Function Value (F0) = 0.12
90 Percent Confidence Interval for F0 = (0.054 ; 0.20)
Root Mean Square Error of Approximation (RMSEA) = 0.046
90 Percent Confidence Interval for RMSEA = (0.032 ; 0.061)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.64

Expected Cross-Validation Index (ECVI) = 0.45
90 Percent Confidence Interval for ECVI = (0.39 ; 0.53)
ECVI for Saturated Model = 0.47
ECVI for Independence Model = 44.41
Chi-Square for Independence Model with 78 Degrees of Freedom = 17072.61
Independence AIC = 17098.61
Model AIC = 172.83
Saturated AIC = 182.00
Independence CAIC = 17163.03
Model CAIC = 356.20
Saturated CAIC = 632.98
Normed Fit Index (NFI) = 0.99
Non-Normed Fit Index (NNFI) = 1.00
Parsimony Normed Fit Index (PNFI) = 0.69
Comparative Fit Index (CFI) = 1.00
Incremental Fit Index (IFI) = 1.00
Relative Fit Index (RFI) = 0.99
Critical N (CN) = 306.42
Root Mean Square Residual (RMR) = 0.017
Standardized RMR = 0.019
Goodness of Fit Index (GFI) = 0.96
Adjusted Goodness of Fit Index (AGFI) = 0.94
Parsimony Goodness of Fit Index (PGFI) = 0.57

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Fitted Covariance Matrix

	THAN	PIYAVAJA	ATTHAJAR	SAMANATT	PAN_1	PAN_2
THAN	1.19					
PIYAVAJA	1.07	1.13				
ATTHAJAR	1.07	1.02	1.13			
SAMANATT	1.10	1.07	1.07	1.22		
PAN_1	0.81	0.78	0.78	0.82	0.83	
PAN_2	0.76	0.72	0.72	0.76	0.74	0.75
PAN_3	0.73	0.70	0.70	0.74	0.72	0.74
PAN_4	0.79	0.75	0.75	0.79	0.74	0.74
SATTHA	0.91	0.87	0.87	0.91	0.71	0.66
VIRIYA	0.98	0.94	0.94	0.99	0.77	0.71
SATI	0.77	0.73	0.73	0.77	0.60	0.56
SAMATI	0.54	0.52	0.52	0.54	0.42	0.39

```
    PANYA       0.95       0.91       0.91       0.95       0.74
0.69

         Fitted Covariance Matrix

              PAN_3      PAN_4     SATTHA     VIRIYA       SATI
SAMATI
           --------   --------   --------   --------   --------   --
------
    PAN_3       0.83
    PAN_4       0.79       0.86
   SATTHA       0.64       0.68       1.06
   VIRIYA       0.69       0.74       0.98       1.25
     SATI       0.54       0.58       0.77       0.83       0.96
   SAMATI       0.38       0.41       0.50       0.59       0.70
0.91
    PANYA       0.67       0.72       0.89       1.03       0.80
0.57

         Fitted Covariance Matrix

              PANYA
           --------
    PANYA       1.24

         Fitted Residuals

               THAN   PIYAVAJA   ATTHAJAR   SAMANATT      PAN_1
PAN_2
           --------   --------   --------   --------   --------   --
------
     THAN       0.00
 PIYAVAJA       0.00       0.00
 ATTHAJAR       0.00       0.00       0.00
 SAMANATT       0.00       0.00       0.00       0.00
    PAN_1      -0.01      -0.01       0.01       0.01       0.00
    PAN_2      -0.01       0.00       0.01       0.00       0.00
0.00
    PAN_3       0.00      -0.01       0.02       0.01       0.00
0.00
    PAN_4       0.00      -0.01       0.01       0.00       0.00
0.00
   SATTHA      -0.02      -0.02      -0.01      -0.01      -0.01
0.01
   VIRIYA       0.00       0.02       0.01       0.02      -0.02
-0.02
     SATI       0.01       0.00       0.01       0.00       0.02
0.05
   SAMATI       0.04       0.03       0.05       0.01       0.02
0.06
    PANYA       0.01       0.01      -0.02       0.01       0.01
0.00
```

Fitted Residuals

	PAN_3	PAN_4	SATTHA	VIRIYA	SATI	SAMATI
PAN_3	0.00					
PAN_4	0.00	0.00				
SATTHA	0.01	0.01	0.00			
VIRIYA	-0.01	-0.01	0.01	0.00		
SATI	0.05	0.02	0.00	-0.02	0.00	
SAMATI	0.07	0.02	0.00	-0.04	0.00	0.00
PANYA	-0.02	0.00	0.00	-0.01	0.01	0.02

Fitted Residuals

	PANYA
PANYA	0.00

Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -0.04
Median Fitted Residual = 0.00
Largest Fitted Residual = 0.07

Stemleaf Plot

```
- 4|3
- 2|00
- 0|887754110999877654322211110000000000000000
  0|111122223344555566778899000013577 78
  2|223419
  4|5029
  6|7
```

Standardized Residuals

	THAN	PIYAVAJA	ATTHAJAR	SAMANATT	PAN_1	PAN_2
THAN	- -					
PIYAVAJA	0.55	- -				
ATTHAJAR	0.29	0.17	- -			
SAMANATT	- -	-0.39	-0.55	- -		
PAN_1	-1.16	-1.05	2.01	1.54	- -	
PAN_2	-1.53	-0.62	1.32	0.53	-0.59	- -
PAN_3	0.17	-0.57	1.35	1.04	-0.59	- -
PAN_4	0.51	-1.03	0.55	0.40	-0.59	0.60
SATTHA	-1.95	-1.50	-1.09	-0.92	-1.10	0.69
VIRIYA	0.47	1.54	0.61	2.39	-2.01	-2.03
SATI	0.59	-0.29	0.59	0.15	1.59	3.29

SAMATI	2.09	1.60	2.53	0.46	0.96	3.06
PANYA	0.46	0.89	-1.50	0.42	0.62	-0.08

Standardized Residuals

	PAN_3	PAN_4	SATTHA	VIRIYA	SATI	SAMATI
PAN_3	- -					
PAN_4	0.59	0.59				
SATTHA	0.58	0.90	1.30			
VIRIYA	-0.91	-0.87	1.94	- -		
SATI	2.83	1.42	0.20	-1.87	- -	
SAMATI	2.82	0.76	-0.38	-3.31	-0.43	-0.43
PANYA	-1.01	0.20	-1.30	-0.84	0.48	1.34

Standardized Residuals

	PANYA
PANYA	- -

Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -3.31
Median Standardized Residual = 0.17
Largest Standardized Residual = 3.29

Stemleaf Plot

```
- 3|3
- 2|000
- 1|95553211000
- 0|9998666666444431000000000000
  0|12222344555555666666666789 9
  1|003333455669
  2|014588
  3|13
```

Largest Negative Standardized Residuals
Residual for SAMATI and VIRIYA -3.31
Largest Positive Standardized Residuals
Residual for SATI and PAN_2 3.29
Residual for SATI and PAN_3 2.83
Residual for SAMATI and PAN_2 3.06
Residual for SAMATI and PAN_3 2.82

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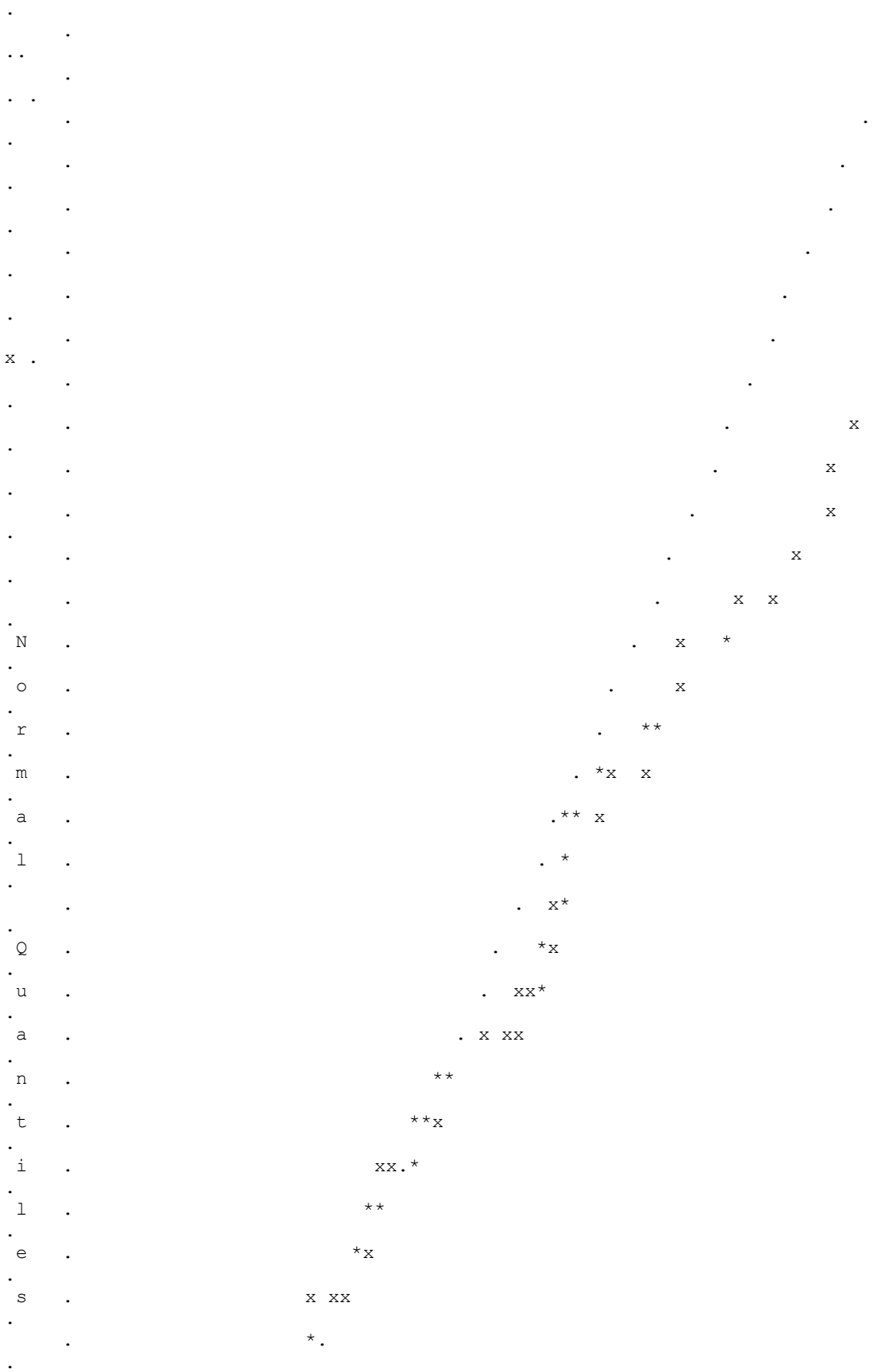
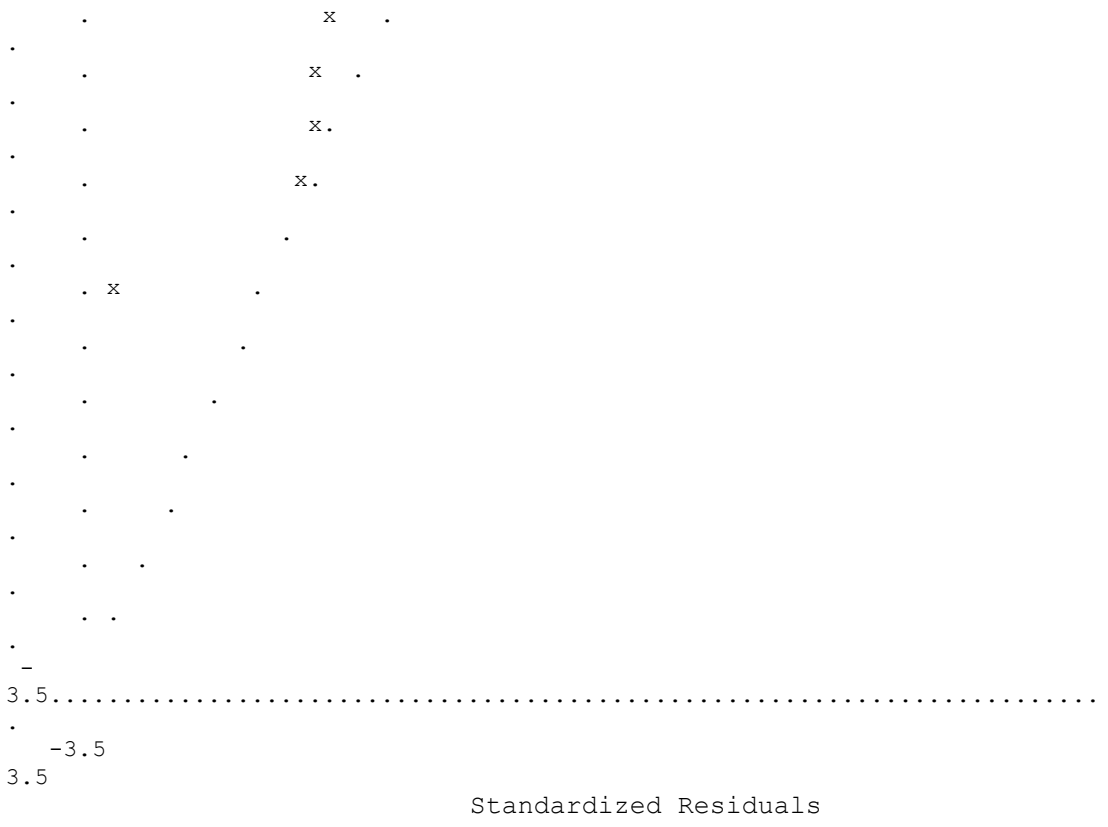
Qplot of Standardized Residuals





Covariance Matrix of Parameter Estimates

	LY 2,2	LY 3,2	LY 4,2	LY 6,1	LY 7,1	LY 8,1
LY 2,2	0.00					
LY 3,2	0.00	0.00				
LY 4,2	0.00	0.00	0.00			
LY 6,1	0.00	0.00	0.00	0.00		
LY 7,1	0.00	0.00	0.00	0.00	0.00	
LY 8,1	0.00	0.00	0.00	0.00	0.00	0.00
LX 1,1	0.00	0.00	0.00	0.00	0.00	0.00
LX 2,1	0.00	0.00	0.00	0.00	0.00	0.00
LX 3,1	0.00	0.00	0.00	0.00	0.00	0.00

```
   LX 4,1       0.00       0.00       0.00       0.00       0.00
0.00
   LX 5,1       0.00       0.00       0.00       0.00       0.00
0.00
   BE 1,2       0.00       0.00       0.00       0.00       0.00
0.00
   GA 1,1       0.00       0.00       0.00       0.00       0.00
0.00
   GA 2,1       0.00       0.00       0.00       0.00       0.00
0.00
   PS 1,1       0.00       0.00       0.00       0.00       0.00
0.00
   PS 2,2       0.00       0.00       0.00       0.00       0.00
0.00
   TE 1,1       0.00       0.00       0.00       0.00       0.00
0.00
   TE 2,2       0.00       0.00       0.00       0.00       0.00
0.00
   TE 3,3       0.00       0.00       0.00       0.00       0.00
0.00
   TE 4,1       0.00       0.00       0.00       0.00       0.00
0.00
   TE 4,4       0.00       0.00       0.00       0.00       0.00
0.00
   TE 5,5       0.00       0.00       0.00       0.00       0.00
0.00
   TE 6,6       0.00       0.00       0.00       0.00       0.00
0.00
   TE 7,6       0.00       0.00       0.00       0.00       0.00
0.00
   TE 7,7       0.00       0.00       0.00       0.00       0.00
0.00
   TE 8,5       0.00       0.00       0.00       0.00       0.00
0.00
   TE 8,6       0.00       0.00       0.00       0.00       0.00
0.00
   TE 8,7       0.00       0.00       0.00       0.00       0.00
0.00
   TE 8,8       0.00       0.00       0.00       0.00       0.00
0.00
   TD 1,1       0.00       0.00       0.00       0.00       0.00
0.00
   TD 2,2       0.00       0.00       0.00       0.00       0.00
0.00
   TD 3,3       0.00       0.00       0.00       0.00       0.00
0.00
   TD 4,1       0.00       0.00       0.00       0.00       0.00
0.00
   TD 4,3       0.00       0.00       0.00       0.00       0.00
0.00
   TD 4,4       0.00       0.00       0.00       0.00       0.00
0.00
   TD 5,1       0.00       0.00       0.00       0.00       0.00
0.00
   TD 5,5       0.00       0.00       0.00       0.00       0.00
0.00
```

Covariance Matrix of Parameter Estimates

	LX 1,1	LX 2,1	LX 3,1	LX 4,1	LX 5,1	BE 1,2
LX 1,1	0.00					
LX 2,1	0.00	0.00				
LX 3,1	0.00	0.00	0.00			
LX 4,1	0.00	0.00	0.00	0.00		
LX 5,1	0.00	0.00	0.00	0.00	0.00	
BE 1,2	0.00	0.00	0.00	0.00	0.00	0.01
GA 1,1	0.00	0.00	0.00	0.00	0.00	0.00
GA 2,1	0.00	0.00	0.00	0.00	0.00	0.00
PS 1,1	0.00	0.00	0.00	0.00	0.00	0.00
PS 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TE 1,1	0.00	0.00	0.00	0.00	0.00	0.00
TE 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4,1	0.00	0.00	0.00	0.00	0.00	0.00
TE 4,4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5,5	0.00	0.00	0.00	0.00	0.00	0.00
TE 6,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7,7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,5	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,8	0.00	0.00	0.00	0.00	0.00	0.00
TD 1,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,4	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,1	0.00	0.00	0.00	0.00	0.00	0.00

TD 5,5	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	GA 1,1	GA 2,1	PS 1,1	PS 2,2	TE 1,1	TE 2,2
GA 1,1	0.01					
GA 2,1	0.00	0.00				
PS 1,1	0.00	0.00	0.00			
PS 2,2	0.00	0.00	0.00	0.00		
TE 1,1	0.00	0.00	0.00	0.00	0.00	
TE 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4,1	0.00	0.00	0.00	0.00	0.00	0.00
TE 4,4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5,5	0.00	0.00	0.00	0.00	0.00	0.00
TE 6,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7,7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,5	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,8	0.00	0.00	0.00	0.00	0.00	0.00
TD 1,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,4	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,5	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	TE 3,3	TE 4,1	TE 4,4	TE 5,5	TE 6,6	TE 7,6
TE 3,3	0.00					
TE 4,1	0.00	0.00				
TE 4,4	0.00	0.00	0.00			
TE 5,5	0.00	0.00	0.00	0.00		
TE 6,6	0.00	0.00	0.00	0.00	0.00	
TE 7,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7,7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,5	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,6	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8,8	0.00	0.00	0.00	0.00	0.00	0.00
TD 1,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,4	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,5	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	TE 7,7	TE 8,5	TE 8,6	TE 8,7	TE 8,8	TD 1,1
TE 7,7	0.00					
TE 8,5	0.00	0.00				
TE 8,6	0.00	0.00	0.00			
TE 8,7	0.00	0.00	0.00	0.00		
TE 8,8	0.00	0.00	0.00	0.00	0.00	
TD 1,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,1	0.00	0.00	0.00	0.00	0.00	0.00

TD 4,3	0.00	0.00	0.00	0.00	0.00
0.00					
TD 4,4	0.00	0.00	0.00	0.00	0.00
0.00					
TD 5,1	0.00	0.00	0.00	0.00	0.00
0.00					
TD 5,5	0.00	0.00	0.00	0.00	0.00
0.00					

Covariance Matrix of Parameter Estimates

	TD 2,2	TD 3,3	TD 4,1	TD 4,3	TD 4,4
TD 5,1					
TD 2,2	0.00				
TD 3,3	0.00	0.00			
TD 4,1	0.00	0.00	0.00		
TD 4,3	0.00	0.00	0.00	0.00	
TD 4,4	0.00	0.00	0.00	0.00	0.00
TD 5,1	0.00	0.00	0.00	0.00	0.00
0.00					
TD 5,5	0.00	0.00	0.00	0.00	0.00
0.00					

Covariance Matrix of Parameter Estimates

	TD 5,5
TD 5,5	0.00

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Correlation Matrix of Parameter Estimates

	LY 2,2	LY 3,2	LY 4,2	LY 6,1	LY 7,1
LY 8,1					
LY 2,2	1.00				
LY 3,2	0.41	1.00			
LY 4,2	0.50	0.50	1.00		
LY 6,1	0.00	0.00	0.00	1.00	
LY 7,1	0.00	0.00	0.00	0.74	1.00
LY 8,1	0.00	0.00	0.00	0.61	0.71
1.00					
LX 1,1	0.00	0.00	0.00	0.00	0.00
0.00					
LX 2,1	0.00	0.00	0.00	0.00	0.00
0.00					
LX 3,1	0.00	0.00	0.00	0.00	0.00
0.00					
LX 4,1	0.00	0.00	0.00	0.00	0.00
0.00					

```
   LX 5,1       0.00       0.00       0.00       0.00       0.00
0.00
   BE 1,2       0.09       0.09       0.09      -0.07      -0.05
-0.08
   GA 1,1      -0.02      -0.02       0.00      -0.03      -0.02
-0.04
   GA 2,1      -0.19      -0.19      -0.24       0.00       0.00
0.00
   PS 1,1      -0.01      -0.01       0.00      -0.25      -0.18
-0.14
   PS 2,2      -0.20      -0.20      -0.22       0.00       0.00
0.00
   TE 1,1       0.16       0.16       0.11       0.00       0.00
0.00
   TE 2,2      -0.11      -0.05       0.00       0.00       0.00
0.00
   TE 3,3      -0.05      -0.11       0.00       0.00       0.00
0.00
   TE 4,1       0.14       0.14      -0.01       0.00       0.00
0.00
   TE 4,4       0.05       0.05      -0.11       0.00       0.00
0.00
   TE 5,5       0.00       0.00       0.00       0.45       0.32
0.27
   TE 6,6       0.00       0.00       0.00      -0.40      -0.29
-0.24
   TE 7,6       0.00       0.00       0.00      -0.34      -0.28
-0.23
   TE 7,7       0.00       0.00       0.00      -0.22      -0.20
-0.16
   TE 8,5       0.00       0.00       0.00       0.10       0.07
-0.25
   TE 8,6       0.00       0.00       0.00      -0.27      -0.21
-0.39
   TE 8,7       0.00       0.00       0.00      -0.20      -0.21
-0.32
   TE 8,8       0.00       0.00       0.00      -0.12      -0.13
-0.37
   TD 1,1       0.00       0.00       0.00       0.00       0.00
0.00
   TD 2,2       0.00       0.00       0.00       0.00       0.00
0.00
   TD 3,3       0.00       0.00       0.00       0.00       0.00
0.00
   TD 4,1       0.00       0.00       0.00       0.00       0.00
0.00
   TD 4,3       0.00       0.00       0.00       0.00       0.00
0.00
   TD 4,4       0.00       0.00       0.00       0.00       0.00
0.00
   TD 5,1       0.00       0.00       0.00       0.00       0.00
0.00
   TD 5,5       0.00       0.00       0.00       0.00       0.00
0.00
```

Correlation Matrix of Parameter Estimates

	LX 1,1	LX 2,1	LX 3,1	LX 4,1	LX 5,1	BE 1,2
LX 1,1	1.00					
LX 2,1	0.72	1.00				
LX 3,1	0.60	0.60	1.00			
LX 4,1	0.31	0.39	0.68	1.00		
LX 5,1	0.61	0.68	0.56	0.36	1.00	
BE 1,2	0.01	0.00	0.00	0.00	0.01	1.00
GA 1,1	0.12	0.13	0.11	0.07	0.11	-0.90
GA 2,1	0.66	0.67	0.55	0.35	0.62	-0.05
PS 1,1	0.00	0.00	0.00	0.00	0.00	0.02
PS 2,2	0.03	0.00	0.00	0.00	0.03	-0.01
TE 1,1	0.00	0.00	0.00	0.00	0.00	0.09
TE 2,2	0.00	0.00	0.00	0.00	0.00	-0.03
TE 3,3	0.00	0.00	0.00	0.00	0.00	-0.03
TE 4,1	0.00	0.00	0.00	0.00	0.00	0.10
TE 4,4	0.00	0.00	0.00	0.00	0.00	0.06
TE 5,5	0.00	0.00	0.00	0.00	0.00	-0.03
TE 6,6	0.00	0.00	0.00	0.00	0.00	0.03
TE 7,6	0.00	0.00	0.00	0.00	0.00	0.02
TE 7,7	0.00	0.00	0.00	0.00	0.00	0.01
TE 8,5	0.00	0.00	0.00	0.00	0.00	0.02
TE 8,6	0.00	0.00	0.00	0.00	0.00	0.04
TE 8,7	0.00	0.00	0.00	0.00	0.00	0.03
TE 8,8	0.00	0.00	0.00	0.00	0.00	0.03
TD 1,1	-0.13	0.04	0.02	0.04	0.00	-0.06
TD 2,2	0.05	-0.09	0.00	0.00	0.04	0.01
TD 3,3	0.01	0.00	-0.06	-0.05	0.01	0.00
TD 4,1	0.02	0.00	-0.01	-0.12	0.00	0.00
TD 4,3	0.01	0.00	-0.05	-0.09	0.01	0.00
TD 4,4	0.00	0.00	-0.03	-0.06	0.00	-0.01
TD 5,1	-0.08	0.05	0.03	0.02	-0.10	-0.07

TD 5,5	0.00	0.03	0.02	0.01	-0.12
-0.05					

Correlation Matrix of Parameter Estimates

	GA 1,1	GA 2,1	PS 1,1	PS 2,2	TE 1,1
TE 2,2					
GA 1,1	1.00				
GA 2,1	0.13	1.00			
PS 1,1	-0.01	0.00	1.00		
PS 2,2	-0.01	0.00	0.01	1.00	
TE 1,1	-0.06	-0.04	-0.03	-0.12	1.00
TE 2,2	0.02	0.01	0.01	0.04	-0.19
1.00					
TE 3,3	0.02	0.01	0.01	0.04	-0.19
0.06					
TE 4,1	-0.08	-0.02	-0.03	-0.12	0.29
-0.25					
TE 4,4	-0.06	0.01	-0.02	-0.06	0.09
-0.18					
TE 5,5	-0.01	0.00	-0.28	0.00	0.00
0.00					
TE 6,6	0.01	0.00	0.16	0.00	0.00
0.00					
TE 7,6	0.01	0.00	0.14	0.00	0.00
0.00					
TE 7,7	0.01	0.00	0.09	0.00	0.00
0.00					
TE 8,5	0.01	0.00	-0.31	0.00	0.00
0.00					
TE 8,6	0.02	0.00	-0.08	0.00	0.00
0.00					
TE 8,7	0.01	0.00	-0.06	0.00	0.00
0.00					
TE 8,8	0.02	0.00	-0.16	0.00	0.00
0.00					
TD 1,1	0.06	0.03	-0.01	-0.13	0.00
0.00					
TD 2,2	-0.01	-0.01	0.00	0.02	0.00
0.00					
TD 3,3	0.00	0.00	0.00	0.01	0.00
0.00					
TD 4,1	0.00	0.00	0.00	0.00	0.00
0.00					
TD 4,3	0.00	0.00	0.00	-0.01	0.00
0.00					
TD 4,4	0.01	0.00	0.00	-0.01	0.00
0.00					
TD 5,1	0.07	0.04	-0.02	-0.16	0.00
0.00					
TD 5,5	0.05	0.02	-0.01	-0.10	0.00
0.00					

Correlation Matrix of Parameter Estimates

	TE 3,3	TE 4,1	TE 4,4	TE 5,5	TE 6,6	TE 7,6
TE 3,3	1.00					
TE 4,1	-0.24	1.00				
TE 4,4	-0.17	0.28	1.00			
TE 5,5	0.00	0.00	0.00	1.00		
TE 6,6	0.00	0.00	0.00	-0.67	1.00	
TE 7,6	0.00	0.00	0.00	-0.56	0.87	1.00
TE 7,7	0.00	0.00	0.00	-0.36	0.57	0.82
TE 8,5	0.00	0.00	0.00	0.18	-0.11	-0.09
TE 8,6	0.00	0.00	0.00	-0.39	0.63	0.68
TE 8,7	0.00	0.00	0.00	-0.29	0.48	0.66
TE 8,8	0.00	0.00	0.00	-0.15	0.28	0.37
TD 1,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2,2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4,4	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,1	0.00	0.00	0.00	0.00	0.00	0.00
TD 5,5	0.00	0.00	0.00	0.00	0.00	0.00

Correlation Matrix of Parameter Estimates

	TE 7,7	TE 8,5	TE 8,6	TE 8,7	TE 8,8	TD 1,1
TE 7,7	1.00					
TE 8,5	-0.06	1.00				
TE 8,6	0.53	0.53	1.00			
TE 8,7	0.75	0.40	0.84	1.00		
TE 8,8	0.40	0.65	0.83	0.85	1.00	
TD 1,1	0.00	0.00	0.00	0.00	0.00	1.00

TD 2,2	0.00	0.00	0.00	0.00	0.00
-0.21					
TD 3,3	0.00	0.00	0.00	0.00	0.00
-0.06					
TD 4,1	0.00	0.00	0.00	0.00	0.00
-0.23					
TD 4,3	0.00	0.00	0.00	0.00	0.00
-0.04					
TD 4,4	0.00	0.00	0.00	0.00	0.00
0.01					
TD 5,1	0.00	0.00	0.00	0.00	0.00
0.18					
TD 5,5	0.00	0.00	0.00	0.00	0.00
0.06					

Correlation Matrix of Parameter Estimates

	TD 2,2	TD 3,3	TD 4,1	TD 4,3	TD 4,4	TD 5,1	--
TD 2,2	1.00						
TD 3,3	0.01	1.00					
TD 4,1	0.01	0.01	1.00				
TD 4,3	-0.02	0.73	0.17	1.00			
TD 4,4	-0.02	0.37	0.00	0.73	1.00		
TD 5,1	-0.25	-0.08	-0.01	-0.02	0.01	1.00	
TD 5,5	-0.16	-0.05	0.00	-0.03	-0.01	0.16	

Correlation Matrix of Parameter Estimates

	TD 5,5
TD 5,5	1.00

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Factor Scores Regressions

ETA

	THAN	PIYAVAJA	ATTHAJAR	SAMANATT	PAN_1	PAN_2	--
SA_PANYA	0.02	0.01	0.01	0.01	0.64	0.32	
SANGKHAH	0.31	0.14	0.14	0.28	0.03	0.01	

ETA

	PAN_3	PAN_4	SATTHA	VIRIYA	SATI	SAMATI	--

SA_PANYA	-0.23	0.37	0.01	0.01	0.00
0.00					
SANGKHAH	-0.01	0.01	0.02	0.01	0.00
0.00					

ETA

	PANYA
SA_PANYA	0.01
SANGKHAH	0.01

KSI

	THAN	PIYAVAJA	ATTHAJAR	SAMANATT	PAN_1	
PAN_2						
PALA5	0.04	0.02	0.02	0.04	0.03	
0.02						

KSI

	PAN_3	PAN_4	SATTHA	VIRIYA	SATI	
SAMATI						
PALA5	-0.01	0.02	0.33	0.20	0.07	
0.03						

KSI

	PANYA
PALA5	0.22

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Standardized Solution

LAMBDA-Y

	SA_PANYA	SANGKHAH
THAN	- -	1.06
PIYAVAJA	- -	1.01
ATTHAJAR	- -	1.01
SAMANATT	- -	1.06
PAN_1	0.89	- -
PAN_2	0.83	- -
PAN_3	0.80	- -
PAN_4	0.86	- -

LAMBDA-X

	PALA5
SATTHA	0.95
VIRIYA	1.03
SATI	0.81

SAMATI	0.57
PANYA	1.00

BETA

	SA_PANYA	SANGKHAH
SA_PANYA	- -	0.60
SANGKHAH	- -	- -

GAMMA

	PALA5
SA_PANYA	0.30
SANGKHAH	0.90

Correlation Matrix of ETA and KSI

	SA_PANYA	SANGKHAH	PALA5
SA_PANYA	1.00		
SANGKHAH	0.86	1.00	
PALA5	0.84	0.90	1.00

PSI
Note: This matrix is diagonal.

SA_PANYA	SANGKHAH
0.23	0.19

Regression Matrix ETA on KSI (Standardized)

	PALA5
SA_PANYA	0.84
SANGKHAH	0.90

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Completely Standardized Solution

LAMBDA-Y

	SA_PANYA	SANGKHAH
THAN	- -	0.97
PIYAVAJA	- -	0.95
ATTHAJAR	- -	0.95
SAMANATT	- -	0.96
PAN_1	0.98	- -
PAN_2	0.95	- -
PAN_3	0.88	- -
PAN_4	0.93	- -

LAMBDA-X

	PALA5

```
            --------
   SATTHA       0.93
   VIRIYA       0.92
     SATI       0.82
   SAMATI       0.60
    PANYA       0.90

         BETA

            SA_PANYA   SANGKHAH
            --------   --------
 SA_PANYA        - -       0.60
 SANGKHAH        - -        - -


       GAMMA

            PALA5
            --------
 SA_PANYA       0.30
 SANGKHAH       0.90
```

Correlation Matrix of ETA and KSI

```
            SA_PANYA   SANGKHAH   PALA5
            --------   --------   --------
 SA_PANYA       1.00
 SANGKHAH       0.86       1.00
 PALA5          0.84       0.90       1.00

         PSI
         Note: This matrix is diagonal.

            SA_PANYA   SANGKHAH
            --------   --------
                0.23       0.19

         THETA-EPS

                THAN   PIYAVAJA   ATTHAJAR   SAMANATT      PAN_1
PAN_2
            --------   --------   --------   --------   --------   --
------
     THAN       0.06
 PIYAVAJA        - -       0.10
 ATTHAJAR        - -        - -       0.10
 SAMANATT      -0.02        - -        - -       0.07
    PAN_1        - -        - -        - -        - -       0.05
    PAN_2        - -        - -        - -        - -        - -
0.09
    PAN_3        - -        - -        - -        - -        - -
0.09
    PAN_4        - -        - -        - -        - -      -0.03
0.04

         THETA-EPS

               PAN_3      PAN_4
            --------   --------
    PAN_3       0.22
```

PAN_4	0.11	0.14

THETA-DELTA

	SATTHA	VIRIYA	SATI	SAMATI	PANYA
SATTHA	0.14				
VIRIYA	- -	0.15			
SATI	- -	- -	0.32		
SAMATI	-0.05	- -	0.26	0.64	
PANYA	-0.05	- -	- -	- -	0.20

Regression Matrix ETA on KSI (Standardized)

	PALA5
SA_PANYA	0.84
SANGKHAH	0.90

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Total and Indirect Effects

Total Effects of KSI on ETA

	PALA5
SA_PANYA	0.87
	(0.04)
	19.38
SANGKHAH	0.91
	(0.04)
	21.59

Indirect Effects of KSI on ETA

	PALA5
SA_PANYA	0.56
	(0.07)
	8.14
SANGKHAH	- -

Total Effects of ETA on ETA

	SA_PANYA	SANGKHAH
SA_PANYA	- -	0.62
		(0.07)
		8.62
SANGKHAH	- -	- -

Largest Eigenvalue of B*B' (Stability Index) is 0.378

Total Effects of ETA on Y

	SA_PANYA	SANGKHAH
THAN	- -	1.05
PIYAVAJA	- -	1.00
		(0.02)
		45.55
ATTHAJAR	- -	1.00
		(0.02)
		45.16
SAMANATT	- -	1.06
		(0.02)
		43.18
PAN_1	0.86	0.53
		(0.06)
		8.62
PAN_2	0.80	0.49
	(0.02)	(0.06)
	44.53	8.57
PAN_3	0.77	0.48
	(0.02)	(0.06)
	31.41	8.41
PAN_4	0.83	0.51
	(0.03)	(0.06)
	33.01	8.51

Indirect Effects of ETA on Y

	SA_PANYA	SANGKHAH
THAN	- -	- -
PIYAVAJA	- -	- -
ATTHAJAR	- -	- -
SAMANATT	- -	- -
PAN_1	- -	0.53
		(0.06)
		8.62
PAN_2	- -	0.49
		(0.06)
		8.57
PAN_3	- -	0.48

		(0.06)
		8.41
PAN_4	- -	0.51
		(0.06)
		8.51

Total Effects of KSI on Y

	PALA5
THAN	0.95
	(0.04)
	21.59
PIYAVAJA	0.91
	(0.04)
	21.10
ATTHAJAR	0.91
	(0.04)
	21.06
SAMANATT	0.96
	(0.04)
	21.45
PAN_1	0.74
	(0.04)
	19.38
PAN_2	0.69
	(0.04)
	18.81
PAN_3	0.67
	(0.04)
	17.31
PAN_4	0.72
	(0.04)
	18.19

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Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	PALA5
SA_PANYA	0.84
SANGKHAH	0.90

Standardized Indirect Effects of KSI on ETA

	PALA5
SA_PANYA	0.54

SANGKHAH	- -

Standardized Total Effects of ETA on ETA

	SA_PANYA	SANGKHAH
SA_PANYA	- -	0.60
SANGKHAH	- -	- -

Standardized Total Effects of ETA on Y

	SA_PANYA	SANGKHAH
THAN	- -	1.06
PIYAVAJA	- -	1.01
ATTHAJAR	- -	1.01
SAMANATT	- -	1.06
PAN_1	0.89	0.53
PAN_2	0.83	0.49
PAN_3	0.80	0.48
PAN_4	0.86	0.51

Completely Standardized Total Effects of ETA on Y

	SA_PANYA	SANGKHAH
THAN	- -	0.97
PIYAVAJA	- -	0.95
ATTHAJAR	- -	0.95
SAMANATT	- -	0.96
PAN_1	0.98	0.58
PAN_2	0.95	0.57
PAN_3	0.88	0.53
PAN_4	0.93	0.55

Standardized Indirect Effects of ETA on Y

	SA_PANYA	SANGKHAH
THAN	- -	- -
PIYAVAJA	- -	- -
ATTHAJAR	- -	- -
SAMANATT	- -	- -
PAN_1	- -	0.53
PAN_2	- -	0.49
PAN_3	- -	0.48
PAN_4	- -	0.51

Completely Standardized Indirect Effects of ETA on Y

	SA_PANYA	SANGKHAH
THAN	- -	- -
PIYAVAJA	- -	- -
ATTHAJAR	- -	- -
SAMANATT	- -	- -
PAN_1	- -	0.58
PAN_2	- -	0.57
PAN_3	- -	0.53
PAN_4	- -	0.55

Standardized Total Effects of KSI on Y

	PALA5
THAN	0.95
PIYAVAJA	0.91
ATTHAJAR	0.91
SAMANATT	0.96
PAN_1	0.74
PAN_2	0.69
PAN_3	0.67
PAN_4	0.72

Completely Standardized Total Effects of KSI on Y

	PALA5
THAN	0.87
PIYAVAJA	0.86
ATTHAJAR	0.85
SAMANATT	0.87
PAN_1	0.82
PAN_2	0.80
PAN_3	0.74
PAN_4	0.77

Time used: 0.063 Seconds