

ภาคผนวก ค

ผลการวิเคราะห์อิทธิพลในโรงเรียนดีเด่น

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LISREL 8.53

BY

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The following lines were read from file F:\LISREL\QUAL1.spl:

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1
DA NI=12 NO=252 MA=CM
LA
AC AF PO TF TS CM CS CSE DO UP HO EFF
KM
1
.322 1
.365 .285 1
.391 .412 .032 1
.015 .372 .534 -.023 1
.240 -.055 .499 .046 .305 1
.229 .087 .458 -.069 .400 .504 1
.162 .442 -.039 .384 .024 -.233 -.016 1
.133 .232 .550 -.072 .708 .415 .454 .052 1
.439 .299 .170 .543 .002 .117 .185 .326 .187 1
.281 .535 .152 .467 .181 -.006 .021 .398 .176 .509 1
.314 .026 -.165 .470 -.515 -.143 -.270 .169 -.393 .288 .117 1
SD
2.666 3.000 3.699 9.555 11.295 6.452 5.547 3.943 3.178 2.242 2.167 .489
SE
4 5 6 7 8 9 10 11 12 1 2 3 /
MO NX=3 NY=9 BE=FU,FI GA=FU,FI PH=SY,FI TE=SY,FI PS=FU,FI
FR GA(1,1) GA(1,2) GA(2,2) GA(2,3) GA(9,1) GA(9,2) GA(9,3) BE(9,1)C
BE(9,2) BE(9,3) BE(9,4) BE(9,5) BE(9,6) BE(9,7) BE(9,8) BE(4,1)C
BE(5,1) BE(3,2) BE(4,2) BE(5,2) BE(6,3) BE(7,4) BE(8,4) BE(7,5) BE(8,5)
FR PS(1,1) PS(2,2) PS(3,3) PS(4,4) PS(5,5) PS(7,7) PS(8,8)
FR TE(5,5) TE(3,6) BE(4,6)
ST 0.1 PS(6,6) PS(9,9)
FR TE(3,2) TH(2,3) TE(1,8) TE(7,2) GA(3,3) GA(4,3) TH(1,2) TE(1,5) TH(1,7)
FR TH(2,5) TE(5,3) TH(2,8) TH(2,2) BE(6,2) GA(1,3) TH(1,4) TE(6,1)
PD
OU TV SE RS EF MI AD=OFF

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Number of Input Variables 12
 Number of Y - Variables 9
 Number of X - Variables 3
 Number of ETA - Variables 9
 Number of KSI - Variables 3
 Number of Observations 252

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Covariance Matrix

	TF	TS	CM	CS	CSE	DO
TF	91.30					
TS	-2.48	127.58				
CM	2.84	22.23	41.63			
CS	-3.66	25.06	18.04	30.77		
CSE	14.47	1.07	-5.93	-0.35	15.55	
DO	-2.19	25.41	-8.51	8.00	0.65	10.10
UP	11.63	0.05	1.69	2.30	2.88	1.33
HO	9.67	4.43	-0.08	0.25	3.40	1.21
EFF	2.20	-2.84	-0.45	-0.73	0.33	-0.61
AC	9.96	0.45	4.13	3.39	1.70	1.13
AF	11.81	12.61	-1.06	1.45	5.23	2.21
PO	1.13	22.31	11.91	9.40	-0.57	6.47

Covariance Matrix

	UP	HO	EFF	AC	AF	PO
UP	5.03					
HO	2.47	4.70				
EFF	0.32	0.12	0.24			
AC	2.62	1.62	0.41	7.11		
AF	2.01	3.48	0.04	2.58	9.00	
PO	1.41	1.22	-0.30	3.60	3.16	13.68

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Parameter Specifications

BETA

	TF	TS	CM	CS	CSE	DO
TF	0	0	0	0	0	0
TS	0	0	0	0	0	0
CM	0	1	0	0	0	0
CS	2	3	0	0	0	4
CSE	5	6	0	0	0	0
DO	0	7	8	0	0	0
UP	0	0	0	9	10	0

HO	0	0	0	11	12	0
EFF	13	14	15	16	17	18

BETA

	UP	HO	EFF
TF	0	0	0
TS	0	0	0
CM	0	0	0
CS	0	0	0
CSE	0	0	0
DO	0	0	0
UP	0	0	0
HO	0	0	0
EFF	19	20	0

GAMMA

	AC	AF	PO
TF	21	22	23
TS	0	24	25
CM	0	0	26
CS	0	0	27
CSE	0	0	0
DO	0	0	0
UP	0	0	0
HO	0	0	0
EFF	28	29	30

PSI

TF	TS	CM	CS	CSE	DO
31	32	33	34	35	0

PSI

UP	HO	EFF
36	37	0

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Number of Iterations =127

LISREL Estimates (Maximum Likelihood)

BETA

	TF	TS	CM	CS	CSE	DO
TF	--	--	--	--	--	--
TS	--	--	--	--	--	--
CM	--	0.08 (0.07) 1.19	--	--	--	--
CS	-0.06 (0.03) -2.06	0.02 (0.03) 0.66	--	--	--	0.61 (0.11) 5.73
CSE	0.16 (0.03) 6.34	0.03 (0.01) 2.59	--	--	--	--
DO	--	0.12 (0.02) 5.02	0.38 (0.02) 16.20	--	--	--
UP	--	--	--	0.08 (0.02) 3.72	0.77 (0.12) 6.29	--
HO	--	--	--	0.01 (0.02) 0.36	0.90 (0.15) 5.97	--
EFF	0.02 (0.02) 0.97	-0.01 (0.07) -0.13	0.04 (0.21) 0.21	-0.01 (0.01) -1.69	0.03 (0.16) 0.20	-0.12 (0.53) -0.23

BETA

	UP	HO	EFF
TF	--	--	--
TS	--	--	--
CM	--	--	--
CS	--	--	--
CSE	--	--	--
DO	--	--	--

UP	--	--	--
HO	--	--	--
EFF	0.05 (0.03) 1.74	-0.06 (0.05) -1.23	--

GAMMA

	AC	AF	PO
TF	1.08 (0.20) 5.44	1.26 (0.17) 7.29	-0.50 (0.14) -3.47
TS	--	0.18 (0.29) 0.63	1.58 (0.16) 9.80
CM	--	--	0.64 (0.11) 5.93
CS	--	--	0.36 (0.10) 3.72
CSE	--	--	--
DO	--	--	--
UP	--	--	--
HO	--	--	--
EFF	0.05 (0.01) 4.45	-0.02 (0.01) -2.16	0.01 (0.01) 1.64

Covariance Matrix of Y and X

	TF	TS	CM	CS	CSE	DO
TF	91.34					
TS	3.86	123.89				
CM	0.95	24.17	40.39			
CS	-4.60	25.30	15.52	30.88		
CSE	15.06	4.33	0.88	0.00	3.42	

DO	0.84	24.48	18.47	9.12	0.87	10.19
UP	11.30	5.39	1.93	2.48	2.65	1.40
HO	13.55	4.11	0.92	0.25	3.08	0.86
EFF	2.02	-2.54	-0.57	-0.74	0.27	-0.54
AC	9.10	6.15	2.80	1.98	1.67	1.83
AF	12.53	6.63	2.56	1.60	2.25	1.80
PO	1.00	22.16	10.55	9.42	0.83	6.77

Covariance Matrix of Y and X

	UP	HO	EFF	AC	AF	PO
UP	4.96					
HO	2.41	4.68				
EFF	0.29	0.13	0.23			
AC	1.45	1.52	0.36	7.11		
AF	1.87	2.04	0.06	2.58	9.00	
PO	1.40	0.82	-0.29	3.60	3.16	13.68

PHI

	AC	AF	PO
AC	7.11		
AF	2.58	9.00	
PO	3.60	3.16	13.68

PSI

Note: This matrix is diagonal.

TF	TS	CM	CS	CSE	DO
66.26	87.71	31.69	21.12	0.83	0.10
(5.80)	(7.40)	(3.01)	(1.84)	(0.41)	
11.43	11.86	10.54	11.48	1.99	

PSI

Note: This matrix is diagonal.

UP	HO	EFF
2.71	1.89	0.10
(0.33)	(0.40)	
8.14	4.76	

Squared Multiple Correlations for Structural Equations

TF	TS	CM	CS	CSE	DO
0.27	0.29	0.22	0.32	0.76	0.99

Squared Multiple Correlations for Structural Equations

UP	HO	EFF
0.45	0.60	0.57

Squared Multiple Correlations for Reduced Form

TF	TS	CM	CS	CSE	DO
0.27	0.29	0.20	0.21	0.22	0.33

Squared Multiple Correlations for Reduced Form

UP	HO	EFF
0.11	0.13	0.16

Reduced Form

	AC	AF	PO
TF	1.08 (0.20) 5.44	1.26 (0.17) 7.29	-0.50 (0.14) -3.47
TS	--	0.18 (0.29) 0.63	1.58 (0.16) 9.80
CM	--	0.01 (0.03) 0.55	0.77 (0.09) 9.02
CS	-0.07 (0.03) -2.01	-0.06 (0.05) -1.07	0.72 (0.09) 8.33
CSE	0.18 (0.04) 4.33	0.21 (0.05) 4.69	-0.03 (0.03) -1.19
DO	--	0.03 (0.04) 0.63	0.49 (0.04) 11.19
UP	0.13 (0.03)	0.16 (0.03)	0.03 (0.02)

	4.55	5.94	1.23
HO	0.16	0.19	-0.03
	(0.03)	(0.04)	(0.03)
	4.83	5.30	-0.98
EFF	0.07	0.00	-0.04
	(0.01)	(0.01)	(0.01)
	6.54	0.08	-4.85

Goodness of Fit Statistics

Degrees of Freedom = 26

Minimum Fit Function Chi-Square = 28.83 (P = 0.32)

Normal Theory Weighted Least Squares Chi-Square = 28.30 (P = 0.34)

Estimated Non-centrality Parameter (NCP) = 2.30

90 Percent Confidence Interval for NCP = (0.0 ; 19.44)

Minimum Fit Function Value = 0.11

Population Discrepancy Function Value (F0) = 0.0093

90 Percent Confidence Interval for F0 = (0.0 ; 0.078)

Root Mean Square Error of POproximation (RMSEA) = 0.019

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.055)

P-Value for Test of Close Fit (RMSEA < 0.05) = 0.91

Expected Cross-Validation Index (ECVI) = 0.53

90 Percent Confidence Interval for ECVI = (0.52 ; 0.60)

ECVI for Saturated Model = 0.63

ECVI for Independence Model = 6.89

Chi-Square for Independence Model with 66 Degrees of Freedom = 1685.55

Independence AIC = 1709.55

Model AIC = 132.30

Saturated AIC = 156.00

Independence CAIC = 1763.90

Model CAIC = 367.83

Saturated CAIC = 509.30

Normed Fit Index (NFI) = 0.98

Non-Normed Fit Index (NNFI) = 1.00

Parsimony Normed Fit Index (PNFI) = 0.39

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 0.96

Critical N (CN) = 398.32

Root Mean Square Residual (RMR) = 1.10

Standardized RMR = 0.033

Goodness of Fit Index (GFI) = 0.98

Adjusted Goodness of Fit Index (AGFI) = 0.94

Parsimony Goodness of Fit Index (PGFI) = 0.33

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Fitted Covariance Matrix

	TF	TS	CM	CS	CSE	DO
TF	91.34					
TS	3.86	123.89				
CM	0.95	21.27	40.39			
CS	-4.60	25.30	15.52	30.88		
CSE	14.60	4.33	-5.10	0.00	15.40	
DO	-2.04	24.48	8.71	9.12	0.87	10.19
UP	11.30	0.68	1.93	2.48	2.65	1.40
HO	10.01	4.11	0.92	0.25	3.08	0.86
EFF	2.02	-2.54	-0.57	-0.74	0.27	-0.54
AC	9.10	2.12	2.80	3.69	1.67	1.83
AF	12.53	12.69	-1.27	1.60	5.43	1.80
PO	1.00	22.16	10.55	9.42	0.83	6.77

Fitted Covariance Matrix

	UP	HO	EFF	AC	AF	PO
UP	4.96					
HO	2.41	4.68				
EFF	0.29	0.13	0.23			
AC	2.57	1.52	0.36	7.11		
AF	1.87	3.24	0.06	2.58	9.00	
PO	1.40	0.82	-0.29	3.60	3.16	13.68

Fitted Residuals

	TF	TS	CM	CS	CSE	DO
TF	-0.04					
TS	-6.34	3.69				
CM	1.88	0.96	1.23			
CS	0.94	-0.24	2.52	-0.11		
CSE	-0.14	-3.26	-0.83	-0.35	0.15	
DO	-0.15	0.94	-0.20	-1.12	-0.22	-0.09
UP	0.34	-0.63	-0.23	-0.18	0.23	-0.07
HO	-0.34	0.32	-1.00	0.00	0.32	0.36
EFF	0.18	-0.30	0.12	0.01	0.06	-0.07
AC	0.86	-1.66	1.33	-0.30	0.03	-0.70
AF	-0.72	-0.08	0.20	-0.16	-0.21	0.42
PO	0.13	0.15	1.36	-0.03	-1.39	-0.30

Fitted Residuals

	UP	HO	EFF	AC	AF	PO
UP	0.07					
HO	0.06	0.02				
EFF	0.03	0.00	0.01			

AC	0.06	0.10	0.05	--		
AF	0.14	0.24	-0.02	--	--	
PO	0.01	0.40	-0.01	--	--	--

Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -6.34
 Median Fitted Residual = 0.00
 Largest Fitted Residual = 3.69

Stemleaf Plot

```

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- 4|
- 2|3
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  2|57
  
```

Standardized Residuals

	TF	TS	CM	CS	CSE	DO
TF	-0.02					
TS	-1.28	0.77				
CM	0.53	0.45	1.11			
CS	0.67	-0.14	1.90	-0.16		
CSE	-0.13	-1.44	-0.87	-0.28	0.41	
DO	-0.12	0.76	-0.34	-1.90	-0.30	-0.30
UP	0.62	-0.72	-0.30	-0.70	0.72	-0.20
HO	-0.62	0.39	-1.33	0.01	1.18	1.07
EFF	1.30	-1.75	1.04	0.10	0.85	-1.31
AC	0.76	-1.16	1.27	-0.50	0.05	-1.34
AF	-0.53	-0.05	0.25	-0.17	-0.38	0.87
PO	0.10	0.07	1.20	-0.03	-1.65	-0.47

Standardized Residuals

	UP	HO	EFF	AC	AF	PO
UP	0.58					
HO	0.45	0.17				
EFF	1.18	-0.17	0.72			
AC	0.22	0.34	1.06	--		
AF	0.39	0.76	-0.57	--	--	
PO	0.03	1.02	-0.23	--	--	--

Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -1.90
 Median Standardized Residual = 0.00
 Largest Standardized Residual = 1.90

Stemleaf Plot

```

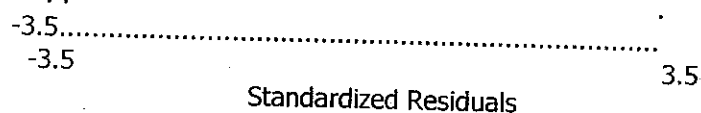
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  1|9

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CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Qplot of Standardized Residuals





CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Modification Indices and Expected Change

Modification Indices for BETA

	TF	TS	CM	CS	CSE	DO
TF	--	0.99	0.00	0.04	0.81	0.09
TS	1.82	--	1.82	2.12	1.75	1.19
CM	0.34	--	--	0.12	0.05	2.40
CS	--	--	3.73	--	0.30	--
CSE	--	--	1.07	0.01	--	1.02
DO	0.65	--	--	5.49	0.96	0.33
UP	0.00	0.05	0.02	--	--	0.00
HO	1.43	1.03	0.74	--	--	0.25
EFF	--	--	--	--	--	--

Modification Indices for BETA

	UP	HO	EFF
TF	0.12	0.52	0.67
TS	0.81	0.99	3.19
CM	0.00	0.24	0.51
CS	0.03	0.00	0.36
CSE	0.02	0.05	0.07
DO	0.33	0.88	0.22
UP	--	0.01	0.04
HO	0.01	--	0.26
EFF	--	--	1.81

Expected Change for BETA

	TF	TS	CM	CS	CSE	DO
TF	--	-0.06	0.00	0.03	-1.44	-0.05
TS	-0.11	--	-3.23	1.82	-0.61	-6.51
CM	0.02	--	--	-0.18	0.04	57.46
CS	--	--	5.76	--	0.49	--
CSE	--	--	-0.02	0.00	--	-0.04
DO	0.01	--	--	-0.09	0.09	3.21
UP	-0.01	0.00	0.00	--	--	0.00
HO	-0.12	0.02	-0.01	--	--	-0.02
EFF	--	--	--	--	--	--

Expected Change for BETA

	UP	HO	EFF
TF	-0.19	-0.89	2.06
TS	-0.45	-0.38	-5.42
CM	0.00	-0.06	0.85
CS	0.05	-0.01	2.15
CSE	-0.03	0.08	0.21
DO	0.04	0.06	-0.29
UP	--	0.04	-0.14
HO	0.03	--	-0.28
EFF	--	--	-0.16

Modification Indices for GAMMA

	AC	AF	PO
TF	--	--	--
TS	4.26	--	--
CM	0.22	1.82	--
CS	0.67	0.31	--
CSE	0.10	0.05	0.03
DO	3.00	1.13	2.40
UP	0.05	0.02	0.00
HO	0.00	1.14	1.66
EFF	--	--	--

Expected Change for GAMMA

	AC	AF	PO
TF	--	--	--
TS	-0.84	--	--
CM	0.05	0.21	--
CS	-1.00	-0.06	--
CSE	0.02	0.01	0.01
DO	-0.10	0.07	-0.12
UP	0.03	0.01	0.00
HO	0.00	0.17	0.05
EFF	--	--	--

Modification Indices for PHI

	AC	AF	PO
AC	0.04		
AF	0.05	0.00	
PO	0.00	0.04	0.01

Expected Change for PHI

	AC	AF	PO
AC	-0.10		
AF	0.08	0.03	
PO	0.01	0.12	-0.11

Modification Indices for PSI

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	0.99	--				
CM	0.02	--	--			
CS	0.33	0.31	--	--		
CSE	0.08	0.03	1.19	0.30	--	
DO	1.23	1.85	2.40	3.73	1.79	0.33
UP	0.04	0.07	0.03	0.00	0.03	0.26
HO	0.03	0.00	1.76	0.09	0.05	0.48
EFF	--	--	--	--	--	--

Modification Indices for PSI

	UP	HO	EFF
UP	--		
HO	0.01	--	
EFF	--	--	1.81

Expected Change for PSI

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	-5.63	--				
CM	0.38	--	--			
CS	2.95	28.01	--	--		
CSE	-0.64	-0.36	-0.56	0.40	--	
DO	1.81	5.46	5.75	-1.50	0.38	0.64
UP	-0.41	0.54	-0.09	0.03	-0.11	0.15
HO	-0.72	-0.04	-0.68	-0.28	0.15	0.17
EFF	--	--	--	--	--	--

Expected Change for PSI

	UP	HO	EFF
UP	--		
HO	0.07	--	
EFF	--	--	-0.03

Modification Indices for THETA-EPS

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	0.57	0.79				
CM	1.10	--	8.62			
CS	0.00	3.69	4.40	0.00		
CSE	--	0.34	--	1.10	--	
DO	--	1.25	--	4.36	0.11	8.70
UP	0.07	--	0.47	0.01	0.14	0.42
HO	--	0.06	4.29	0.14	0.08	0.26
EFF	1.81	1.81	1.81	1.81	1.81	1.81

Modification Indices for THETA-EPS

	UP	HO	EFF
UP	1.81		
HO	0.09	1.81	
EFF	1.81	1.81	1.81

Expected Change for THETA-EPS

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	-4.07	-33.42				
CM	2.68	--	-46.66			
CS	0.19	12.80	3.89	-0.68		
CSE	--	-1.08	--	1.01	--	
DO	--	-6.07	--	-1.57	0.15	7.17
UP	-0.44	--	-0.38	0.07	-0.21	0.18
HO	--	-0.31	-1.26	-0.35	0.19	0.12
EFF	0.91	-1.88	0.38	-1.69	0.49	-0.13

Expected Change for THETA-EPS

	UP	HO	EFF
UP	-12.76		
HO	0.19	-9.53	
EFF	0.32	-0.28	-0.03

Modification Indices for THETA-DELTA-EPS

	TF	TS	CM	CS	CSE	DO
AC	0.19	--	2.69	--	0.59	2.95
AF	0.01	--	--	0.35	--	1.86
PO	0.00	0.62	0.02	0.15	2.98	0.08

Modification Indices for THETA-DELTA-EPS

	UP	HO	EFF
AC	--	0.13	1.81
AF	0.03	--	1.81
PO	0.00	2.12	1.81

Expected Change for THETA-DELTA-EPS

	TF	TS	CM	CS	CSE	DO
AC	-0.92	--	1.19	--	0.37	-0.60
AF	-0.21	--	--	-0.40	--	0.67
PO	-0.09	3.55	-0.22	1.00	-1.00	-0.16

Expected Change for THETA-DELTA-EPS

	UP	HO	EFF
AC	--	-0.12	0.34
AF	0.05	--	-0.74
PO	-0.02	0.43	1.10

Modification Indices for THETA-DELTA

	AC	AF	PO
AC	0.07		
AF	0.10	0.00	
PO	0.11	0.06	0.02

Expected Change for THETA-DELTA

	AC	AF	PO
AC	-0.14		
AF	0.12	-0.02	
PO	0.13	-0.12	-0.15

Maximum Modification Index is 8.70 for Element (6, 6) of THETA-EPS

CAUSAL MODEL OF ADMIN. BEHAVIOUR WITH QUALITY=1

Total and Indirect Effects

Total Effects of X on Y

	AC	AF	PO
TF	1.08 (0.20) 5.44	1.26 (0.17) 7.29	-0.50 (0.14) -3.47
TS	--	0.18	1.58

		(0.29)	(0.16)
		0.63	9.80
CM	--	0.01	0.77
		(0.03)	(0.09)
		0.55	9.02
CS	-0.07	-0.06	0.72
	(0.03)	(0.05)	(0.09)
	-2.01	-1.07	8.33
CSE	0.18	0.21	-0.03
	(0.04)	(0.05)	(0.03)
	4.33	4.69	-1.19
DO	--	0.03	0.49
		(0.04)	(0.04)
		0.63	11.19
UP	0.13	0.16	0.03
	(0.03)	(0.03)	(0.02)
	4.55	5.94	1.23
HO	0.16	0.19	-0.03
	(0.03)	(0.04)	(0.03)
	4.83	5.30	-0.98
EFF	0.07	0.00	-0.04
	(0.01)	(0.01)	(0.01)
	6.54	0.08	-4.85

Indirect Effects of X on Y

	AC	AF	PO
TF	--	--	--
TS	--	--	--
CM	--	0.01	0.13
		(0.03)	(0.11)
		0.55	1.19
CS	-0.07	-0.06	0.36
	(0.03)	(0.05)	(0.07)
	-2.01	-1.07	5.50
CSE	0.18	0.21	-0.03
	(0.04)	(0.05)	(0.03)
	4.33	4.69	-1.19

DO	--	0.03 (0.04) 0.63	0.49 (0.04) 11.19
UP	0.13 (0.03) 4.55	0.16 (0.03) 5.94	0.03 (0.02) 1.23
HO	0.16 (0.03) 4.83	0.19 (0.04) 5.30	-0.03 (0.03) -0.98
EFF	0.02 (0.01) 4.51	0.02 (0.01) 2.49	-0.05 (0.01) -6.66

Total Effects of Y on Y

	TF	TS	CM	CS	CSE	DO
TF	--	--	--	--	--	--
TS	--	--	--	--	--	--
CM	--	0.08 (0.07) 1.19	--	--	--	--
CS	-0.06 (0.03) -2.06	0.12 (0.03) 3.75	0.24 (0.04) 5.86	--	--	0.61 (0.11) 5.73
CSE	0.16 (0.03) 6.34	0.03 (0.01) 2.59	--	--	--	--
DO	--	0.15 (0.01) 11.03	0.38 (0.02) 16.20	--	--	--
UP	0.12 (0.01) 10.32	0.03 (0.01) 3.77	0.02 (0.01) 2.92	0.08 (0.02) 3.72	0.77 (0.12) 6.29	0.05 (0.02) 2.90
HO	0.15 (0.02) 7.45	0.03 (0.01) 3.05	0.00 (0.01) 0.36	0.01 (0.02) 0.36	0.90 (0.15) 5.97	0.00 (0.01) 0.36
EFF	0.02 (0.00) 7.50	-0.02 (0.00) -9.96	-0.01 (0.00) -1.19	-0.01 (0.00) -1.20	0.02 (0.11) 0.18	-0.13 (0.53) -0.24

Total Effects of Y on Y

	UP	HO	EFF
TF	--	--	--
TS	--	--	--
CM	--	--	--
CS	--	--	--
CSE	--	--	--
DO	--	--	--
UP	--	--	--
HO	--	--	--
EFF	0.05 (0.03) 1.74	-0.06 (0.05) -1.23	--

Largest Eigenvalue of $B*B'$ (Stability Index) is 1.420

Indirect Effects of Y on Y

	TF	TS	CM	CS	CSE	DO
TF	--	--	--	--	--	--
TS	--	--	--	--	--	--
CM	--	--	--	--	--	--
CS	--	0.09 (0.02) 5.22	0.24 (0.04) 5.86	--	--	--
CSE	--	--	--	--	--	--
DO	--	0.03 (0.03) 1.16	--	--	--	--
UP	0.12 (0.01) 10.32	0.03 (0.01) 3.77	0.02 (0.01) 2.92	--	--	0.05 (0.02) 2.90

HO	0.15 (0.02) 7.45	0.03 (0.01) 3.05	0.00 (0.01) 0.36	--	--	0.00 (0.01) 0.36
EFF	0.00 (0.02) 0.20	-0.02 (0.06) -0.24	-0.05 (0.20) -0.24	0.00 (0.00) 1.22	-0.01 (0.06) -0.21	0.00 (0.00) -1.19

Indirect Effects of Y on Y

	UP	HO	EFF
-----	-----	-----	-----
TF	--	--	--
TS	--	--	--
CM	--	--	--
CS	--	--	--
CSE	--	--	--
DO	--	--	--
UP	--	--	--
HO	--	--	--
EFF	--	--	--

Time used: 0.451 Seconds