

ภาคผนวก จ

**ผลการวิเคราะห์อิทธิพล โดยภาพรวม
ในโรงเรียนดีเด่นและ โรงเรียนทั่วไป**

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BY

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The following lines were read from file C:\DMIN_MODEL.spl:

CAUSAL MODEL OF ADMIN. BEHAVIOUR

DA NI=12 NO=642 MA=CM

LA

AC AF PO TF TS CM CS CSE DO UP HO EFF

KM

1

.593 1

-.078 -.159 1

.327 .608 .001 1

.341 .394 .147 .070 1

-.327 -.425 .728 -.103 -.081 1

-.248 -.299 .659 -.103 .045 .757 1

.658 .797 -.427 .382 .358 -.659 -.482 1

.171 .215 .523 .172 .465 .377 .382 .055 1

.692 .657 -.180 .465 .327 -.387 -.241 .719 .215 1

.485 .736 -.134 .506 .327 -.322 -.240 .615 .145 .636 1

.275 .185 -.150 .299 -.225 -.182 -.177 .225 -.225 .293 .216 1

SD

.541 .605 .610 .507 .618 .923 .674 1.048 .595 .546 .457 .444

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

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)

FI BE(9,4) BE(9,3) BE(9,8) BE(4,2) GA(1,1)

FR TE(1,1)

FI BE(5,2)

FR BE(3,4) GA(4,3) BE(6,2) GA(7,1)

FR TE(8,5)

FI BE(8,4)

FR GA(3,3) BE(5,3) TH(1,5) TE(2,2) BE(8,3)

FI BE(9,1)
 FR TH(3,3) BE(1,3) GA(5,1) TE(5,1)
 FI GA(9,2)
 FR TE(2,1) TE(9,1) TE(9,2)
 FI BE(9,2)
 FR BE(2,7) GA(3,2) TE(7,2) TE(7,1) GA(4,1)
 PD
 OU SE RS MI TV EF AD=OFF

CAUSAL MODEL OF ADMIN. BEHAVIOUR

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 642

CAUSAL MODEL OF ADMIN. BEHAVIOUR

Covariance Matrix

	TF	TS	CM	CS	CSE	DO
TF	0.26					
TS	0.02	0.38				
CM	-0.05	-0.05	0.85			
CS	-0.04	0.02	0.47	0.45		
CSE	0.20	0.23	-0.64	-0.34	1.10	
DO	0.05	0.17	0.21	0.15	0.03	0.35
UP	0.13	0.11	-0.20	-0.09	0.41	0.07
HO	0.12	0.09	-0.14	-0.07	0.29	0.04
EFF	0.07	-0.06	-0.07	-0.05	0.10	-0.06
AC	0.09	0.11	-0.16	-0.09	0.37	0.06
AF	0.19	0.15	-0.24	-0.12	0.51	0.08
PO	0.00	0.06	0.41	0.27	-0.27	0.19

Covariance Matrix

	UP	HO	EFF	AC	AF	PO
UP	0.30					
HO	0.16	0.21				
EFF	0.07	0.04	0.20			
AC	0.20	0.12	0.07	0.29		
AF	0.22	0.20	0.05	0.19	0.37	
PO	-0.06	-0.04	-0.04	-0.03	-0.06	0.37

CAUSAL MODEL OF ADMIN. BEHAVIOUR

Parameter Specifications

BETA

TF	TS	CM	CS	CSE	DO

TF	0	0	1	0	0	0
TS	0	0	0	0	0	0
CM	0	3	0	4	0	0
CS	5	0	0	0	0	0
CSE	6	0	7	0	0	0
DO	0	8	9	0	0	0
UP	0	0	0	10	11	0
HO	0	0	12	0	13	0
EFF	0	0	0	0	14	15

BETA

	UP	HO	EFF
TF	0	0	0
TS	2	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	16	0	0

GAMMA

	AC	AF	PO
TF	0	17	0
TS	0	18	19
CM	0	20	21
CS	22	0	23
CSE	24	0	0
DO	0	0	0
UP	25	0	0
HO	0	0	0
EFF	26	0	27

PSI

TF	TS	CM	CS	CSE	DO
28	29	30	31	32	33

PSI

UP	HO	EFF
34	35	36

CAUSAL MODEL OF ADMIN. BEHAVIOUR

Number of Iterations = 36

LISREL Estimates (Maximum Likelihood)

BETA

	TF	TS	CM	CS	CSE	DO
TF	--	--	0.09 (0.02) 5.19	--	--	--
TS	--	--	--	--	--	--
CM	--	-0.41 (0.08) -5.13	--	0.32 (0.05) 5.93	--	--
CS	-0.28 (0.07) -3.98	--	--	--	--	--
CSE	1.83 (0.12) 15.66	--	-0.58 (0.04) -15.24	--	--	--
DO	--	0.94 (0.07) 12.77	0.29 (0.02) 12.82	--	--	--
UP	--	--	--	0.10 (0.02) 4.71	0.28 (0.01) 18.67	--
HO	--	--	0.20 (0.02) 9.02	--	0.49 (0.02) 22.33	--
EFF	--	--	--	--	0.02 (0.02) 0.98	-0.28 (0.03) -8.73

BETA

	UP	HO	EFF
TF	--	--	--
TS	0.28 (0.05) 6.08	--	--
CM	--	--	--
CS	--	--	--
CSE	--	--	--
DO	--	--	--

UP	--	--	--
HO	--	--	--
EFF	0.22	--	--
	(0.05)		
	4.51		

GAMMA

	AC	AF	PO
TF	--	0.57	--
	(0.03)		
	20.61		
TS	--	0.28	0.23
	(0.04)	(0.03)	
	7.31	6.63	
CM	--	-0.19	1.14
	(0.05)	(0.08)	
	-3.81	15.21	
CS	-0.14	--	0.72
	(0.04)	(0.03)	
	-3.48	22.06	
CSE	0.15	--	--
	(0.05)		
	3.03		
DO	--	--	--
UP	0.44	--	--
	(0.03)		
	17.38		
HO	--	--	--
EFF	0.12	--	0.11
	(0.04)	(0.03)	
	3.32	3.33	

Covariance Matrix of Y and X

	TF	TS	CM	CS	CSE	DO
TF	0.12					
TS	0.08	0.19				
CM	-0.06	-0.05	0.85			
CS	-0.03	0.00	0.47	0.45		
CSE	0.26	0.21	-0.63	-0.34	1.09	
DO	0.06	0.17	0.20	0.14	0.02	0.35

UP	0.11	0.14	-0.20	-0.09	0.41	0.07
HO	0.12	0.09	-0.14	-0.07	0.41	0.05
EFF	0.03	0.01	-0.08	-0.05	0.11	-0.06
AC	0.10	0.11	-0.14	-0.09	0.30	0.06
AF	0.19	0.15	-0.24	-0.12	0.51	0.07
PO	0.01	0.05	0.50	0.27	-0.27	0.19

Covariance Matrix of Y and X

	UP	HO	EFF	AC	AF	PO
UP	0.30					
HO	0.16	0.21				
EFF	0.07	0.04	0.20			
AC	0.20	0.12	0.07	0.29		
AF	0.21	0.20	0.05	0.19	0.37	
PO	-0.06	-0.03	-0.04	-0.03	-0.06	0.37

PHI

	AC	AF	PO
AC	0.29		
AF	0.19	0.37	
PO	-0.03	-0.06	0.37

PSI

Note: This matrix is diagonal.

TF	TS	CM	CS	CSE	DO
0.02	0.10	0.07	0.24	0.20	0.14
(0.00)	(0.01)	(0.03)	(0.01)	(0.02)	(0.01)
3.25	7.28	2.08	17.84	10.03	10.80

PSI

Note: This matrix is diagonal.

UP	HO	EFF
0.10	0.03	0.16
(0.01)	(0.01)	(0.01)
17.22	4.95	17.88

Squared Multiple Correlations for Structural Equations

TF	TS	CM	CS	CSE	DO
0.86	0.49	0.92	0.47	0.81	0.61

Squared Multiple Correlations for Structural Equations

UP	HO	EFF
0.65	0.84	0.19

Squared Multiple Correlations for Reduced Form

TF	TS	CM	CS	CSE	DO
0.86	0.42	0.87	0.47	0.74	0.38

Squared Multiple Correlations for Reduced Form

UP	HO	EFF
0.57	0.54	0.09

Reduced Form

	AC	AF	PO
TF	-0.01 (0.00) -3.58	0.53 (0.03) 20.75	0.12 (0.02) 5.15
TS	0.13 (0.02) 5.68	0.37 (0.03) 10.85	0.21 (0.03) 6.05
CM	-0.10 (0.02) -4.97	-0.39 (0.04) -10.11	1.28 (0.05) 26.10
CS	-0.14 (0.04) -3.43	-0.15 (0.04) -4.07	0.69 (0.03) 21.64
CSE	0.19 (0.05) 3.72	1.20 (0.04) 28.72	-0.53 (0.03) -17.31
DO	0.10 (0.02) 5.01	0.24 (0.03) 7.58	0.56 (0.03) 18.86
UP	0.48 (0.03) 16.47	0.32 (0.02) 14.52	-0.08 (0.02) -4.81
HO	0.08 (0.02) 3.05	0.51 (0.02) 22.20	-0.01 (0.02) -0.31
EFF	0.20 (0.03) 6.98	0.03 (0.02) 1.23	-0.08 (0.03) -3.05

Goodness of Fit Statistics

Degrees of Freedom = 31

Minimum Fit Function Chi-Square = 42.54 (P = 0.081)

Normal Theory Weighted Least Squares Chi-Square = 42.30 (P = 0.085)

Estimated Non-centrality Parameter (NCP) = 11.30

90 Percent Confidence Interval for NCP = (0.0 ; 32.46)

Minimum Fit Function Value = 0.066

Population Discrepancy Function Value (F0) = 0.018

90 Percent Confidence Interval for F0 = (0.0 ; 0.051)

Root Mean Square Error of POproximation (RMSEA) = 0.024

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.041)

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

Expected Cross-Validation Index (ECVI) = 0.21

90 Percent Confidence Interval for ECVI = (0.20 ; 0.25)

ECVI for Saturated Model = 0.24

ECVI for Independence Model = 11.06

Chi-Square for Independence Model with 66 Degrees of Freedom = 7032.31

Independence AIC = 7056.31

Model AIC = 136.30

Saturated AIC = 156.00

Independence CAIC = 7121.89

Model CAIC = 393.13

Saturated CAIC = 582.24

Normed Fit Index (NFI) = 0.99

Non-Normed Fit Index (NNFI) = 1.00

Parsimony Normed Fit Index (PNFI) = 0.47

Comparative Fit Index (CFI) = 1.00

Incremental Fit Index (IFI) = 1.00

Relative Fit Index (RFI) = 0.99

Critical N (CN) = 787.41

Root Mean Square Residual (RMR) = 0.0066

Standardized RMR = 0.016

Goodness of Fit Index (GFI) = 0.99

Adjusted Goodness of Fit Index (AGFI) = 0.97

Parsimony Goodness of Fit Index (PGFI) = 0.39

CAUSAL MODEL OF ADMIN. BEHAVIOUR

Fitted Covariance Matrix

	TF	TS	CM	CS	CSE	DO
TF	0.25					
TS	0.03	0.38				
CM	-0.06	-0.05	0.85			
CS	-0.03	0.00	0.47	0.45		
CSE	0.21	0.21	-0.63	-0.34	1.09	
DO	0.06	0.17	0.20	0.14	0.02	0.35

UP	0.13	0.10	-0.20	-0.09	0.41	0.07
HO	0.12	0.09	-0.14	-0.07	0.29	0.05
EFF	0.07	-0.06	-0.08	-0.05	0.11	-0.06
AC	0.10	0.11	-0.14	-0.09	0.36	0.06
AF	0.19	0.15	-0.24	-0.12	0.51	0.07
PO	0.01	0.05	0.41	0.27	-0.27	0.19

Fitted Covariance Matrix

	UP	HO	EFF	AC	AF	PO
UP	0.30					
HO	0.16	0.21				
EFF	0.07	0.04	0.20			
AC	0.20	0.12	0.07	0.29		
AF	0.21	0.20	0.05	0.19	0.37	
PO	-0.06	-0.03	-0.04	-0.03	-0.06	0.37

Fitted Residuals

	TF	TS	CM	CS	CSE	DO
TF	0.00					
TS	-0.01	0.01				
CM	0.01	0.00	0.00			
CS	-0.01	0.01	0.00	0.00		
CSE	-0.01	0.02	-0.01	0.00	0.01	
DO	-0.01	0.00	0.01	0.01	0.02	0.00
UP	0.00	0.01	0.00	0.00	0.01	0.00
HO	0.00	0.00	0.00	0.00	0.00	-0.01
EFF	0.00	0.00	0.00	-0.01	-0.01	-0.00
AC	-0.01	0.01	-0.03	0.00	0.01	-0.01
AF	0.00	0.00	0.00	0.00	0.00	0.00
PO	-0.01	0.00	0.00	0.00	0.00	0.00

Fitted Residuals

	UP	HO	EFF	AC	AF	PO
UP	0.00					
HO	0.00	0.00				
EFF	0.00	0.00	0.00			
AC	0.00	0.00	0.00	--		
AF	0.00	0.00	0.00	--	--	
PO	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

Stemleaf Plot

- 2|7
 - 2|
 - 1|

- 1|211
 - 0|99987655
 - 0|444433332222111111110000000000
 0|111111222223333344
 0|566778
 1|00144
 1|6
 2|0

Standardized Residuals

	TF	TS	CM	CS	CSE	DO
TF	0.35					
TS	-1.67	1.26				
CM	0.94	0.09	-0.01			
CS	-0.58	1.19	0.08	0.19		
CSE	-0.47	1.23	-0.33	-0.05	0.22	
DO	-0.97	0.78	0.51	1.25	0.98	0.34
UP	-0.37	0.90	0.21	-0.34	0.29	-0.06
HO	0.23	-0.28	0.27	-0.03	0.00	-1.19
EFF	-0.19	-0.82	0.22	-0.70	-1.03	-1.29
AC	-0.74	0.71	-1.42	-0.39	0.39	-0.50
AF	0.08	-0.32	-0.10	-0.10	-0.02	0.43
PO	-1.34	0.36	0.05	0.19	-0.09	-0.26

Standardized Residuals

	UP	HO	EFF	AC	AF	PO
UP	-0.09					
HO	-0.14	0.11				
EFF	-0.52	0.60	0.21			
AC	0.11	-0.16	-0.16	--		
AF	0.27	0.14	-0.63	--	--	
PO	-0.05	-0.38	-0.86	--	--	--

Summary Statistics for Standardized Residuals

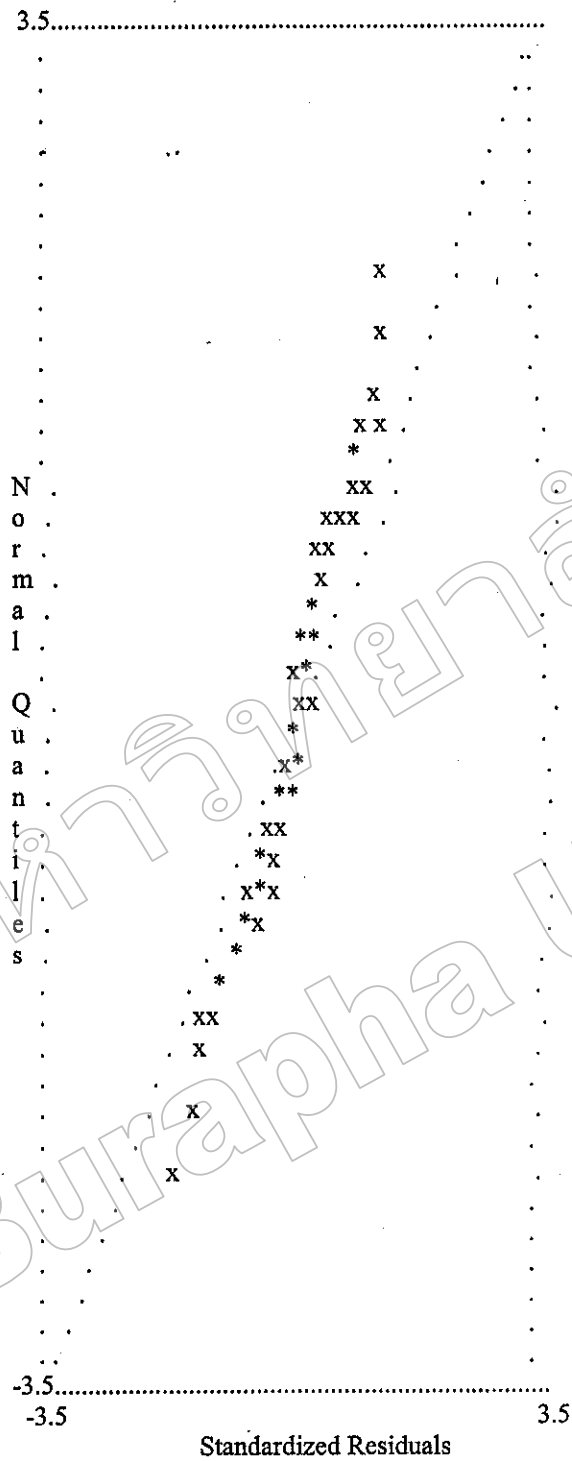
Smallest Standardized Residual = -1.67
 Median Standardized Residual = 0.00
 Largest Standardized Residual = 1.26

Stemleaf Plot

- 1|7
 - 1|433200
 - 0|987766555
 - 0|4443333222111111110000000000
 0|111111122222233334444
 0|567899
 1|02233

CAUSAL MODEL OF ADMIN. BEHAVIOUR

Qplot of Standardized Residuals



CAUSAL MODEL OF ADMIN. BEHAVIOUR

Modification Indices and Expected Change

Modification Indices for BETA

	TF	TS	CM	CS	CSE	DO
TF	--	0.00	--	0.00	0.18	0.16

TS	0.17	--	2.41	3.11	0.58	0.17
CM	4.49	--	--	--	1.31	0.00
CS	--	2.11	2.87	--	0.37	2.32
CSE	--	0.98	--	0.09	--	0.11
DO	0.89	--	--	1.67	0.01	--
UP	1.75	0.00	3.17	--	--	0.22
HO	0.43	1.24	--	0.03	--	3.02
EFF	0.74	1.49	0.99	0.03	--	--

Modification Indices for BETA

	UP	HO	EFF
TF	0.00	0.08	0.93
TS	--	0.19	0.00
CM	0.31	0.85	0.06
CS	0.67	0.20	0.17
CSE	0.37	0.28	0.75
DO	0.83	0.23	0.15
UP	--	1.01	0.00
HO	0.53	--	1.63
EFF	--	1.14	--

Expected Change for BETA

	TF	TS	CM	CS	CSE	DO
TF	--	0.00	--	0.00	-0.07	-0.01
TS	0.08	--	0.17	0.06	0.02	0.07
CM	0.54	--	--	--	0.04	0.00
CS	--	0.12	-0.31	--	0.03	0.07
CSE	--	0.06	--	0.01	--	0.01
DO	0.12	--	--	0.05	0.00	--
UP	0.10	0.00	0.04	--	--	0.01
HO	0.12	-0.05	--	0.00	--	-0.04
EFF	-0.09	-0.21	0.07	0.01	--	--

Expected Change for BETA

	UP	HO	EFF
TF	0.00	-0.05	0.03
TS	--	0.02	-0.01
CM	0.03	0.05	0.01
CS	-0.07	0.03	-0.02
CSE	0.05	-0.31	0.05
DO	-0.08	-0.02	-0.07
UP	--	0.09	0.00
HO	-0.04	--	0.04
EFF	--	0.13	--

Modification Indices for GAMMA

	AC	AF	PO
TF	0.48	--	2.78
TS	0.13	--	--

CM	9.61	--	--
CS	--	0.03	--
CSE	--	0.01	0.23
DO	0.78	2.37	1.18
UP	--	0.37	1.92
HO	0.25	0.29	0.68
EFF	--	0.97	--

Expected Change for GAMMA

	AC	AF	PO
TF	-0.02	--	-0.09
TS	0.02	--	--
CM	-0.14	--	--
CS	--	-0.02	--
CSE	--	-0.16	-0.06
DO	-0.04	0.13	-0.20
UP	--	0.03	0.04
HO	-0.03	0.04	-0.06
EFF	--	-0.04	--

Modification Indices for PHI

	AC	AF	PO
AC	0.01		
AF	0.00	0.00	
PO	0.37	0.10	0.00

Expected Change for PHI

	AC	AF	PO
AC	0.00		
AF	0.00	0.00	
PO	-0.01	0.00	0.00

Modification Indices for PSI

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	0.02	--				
CM	4.49	0.31	--			
CS	0.15	3.36	5.69	--		
CSE	0.01	1.11	1.52	0.14	--	
DO	0.33	0.09	0.00	1.67	0.06	--
UP	0.21	2.15	4.09	1.73	0.32	0.13
HO	0.00	0.98	0.02	0.10	0.28	3.38
EFF	1.17	0.03	0.28	0.01	1.21	0.65

Modification Indices for PSI

	UP	HO	EFF
UP	--		

HO	0.36	--	
EFF	0.03	0.80	--

Expected Change for PSI

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	0.00	--				
CM	0.01	-0.01	--			
CS	0.00	0.02	-0.19	--		
CSE	0.00	0.01	0.01	0.00	--	
DO	0.00	-0.01	0.00	0.01	0.00	--
UP	0.00	-0.01	0.01	-0.01	0.00	0.00
HO	0.00	0.00	0.00	0.00	-0.01	-0.01
EFF	0.01	0.00	0.00	0.00	0.01	0.03

Expected Change for PSI

	UP	HO	EFF
UP	--		
HO	0.00	--	
EFF	-0.01	0.00	--

Modification Indices for THETA-EPS

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	--	--				
CM	5.14	0.30	0.06			
CS	0.18	0.37	2.95	6.05		
CSE	--	2.34	0.00	0.07	0.40	
DO	0.29	0.31	0.71	1.32	1.63	0.65
UP	--	--	3.91	4.81	0.05	0.14
HO	0.57	0.94	0.50	0.09	--	2.48
EFF	--	--	0.33	0.00	0.07	0.65

Modification Indices for THETA-EPS

	UP	HO	EFF
UP	2.07		
HO	0.22	--	
EFF	0.01	0.80	--

Expected Change for THETA-EPS

	TF	TS	CM	CS	CSE	DO
TF	--					
TS	--	--				
CM	0.02	0.01	0.01			
CS	0.00	0.01	-0.03	0.18		
CSE	--	0.01	0.00	0.00	-0.02	
DO	0.00	-0.03	0.01	0.01	0.01	0.11

UP	--	--	0.01	-0.02	0.00	0.00
HO	0.01	0.01	0.00	0.00	--	-0.01
EFF	--	--	0.00	0.00	0.00	0.03

Expected Change for THETA-EPS

	UP	HO	EFF
UP	0.04		
HO	0.00	--	
EFF	0.00	0.00	--

Modification Indices for THETA-DELTA-EPS

	TF	TS	CM	CS	CSE	DO
AC	0.28	0.04	11.79	8.95	--	0.44
AF	1.78	4.20	2.29	0.31	1.45	0.96
PO	3.79	0.01	--	0.27	3.69	1.53

Modification Indices for THETA-DELTA-EPS

	UP	HO	EFF
AC	2.22	0.06	0.79
AF	0.68	0.59	0.84
PO	0.00	0.08	0.47

Expected Change for THETA-DELTA-EPS

	TF	TS	CM	CS	CSE	DO
AC	0.00	0.00	-0.02	0.04	--	0.00
AF	0.01	-0.01	-0.01	0.00	-0.01	0.01
PO	-0.01	0.00	--	-0.01	-0.02	-0.01

Expected Change for THETA-DELTA-EPS

	UP	HO	EFF
AC	-0.02	0.00	0.02
AF	0.00	0.01	0.00
PO	0.00	0.00	0.00

Modification Indices for THETA-DELTA

	AC	AF	PO
AC	0.02		
AF	0.09	0.07	
PO	5.54	2.32	0.04

Expected Change for THETA-DELTA

	AC	AF	PO
AC	0.00		

AF	0.00	0.00	
PO	0.01	0.01	0.00

Maximum Modification Index is 11.79 for Element (1, 3) of THETA DELTA-EPSILON

CAUSAL MODEL OF ADMIN. BEHAVIOUR

Total and Indirect Effects

Total Effects of X on Y

	AC	AF	PO
TF	-0.01 (0.00) -3.58	0.53 (0.03) 20.75	0.12 (0.02) 5.15
TS	0.13 (0.02) 5.68	0.37 (0.03) 10.85	0.21 (0.03) 6.05
CM	-0.10 (0.02) -4.97	-0.39 (0.04) -10.11	1.28 (0.05) 26.10
CS	-0.14 (0.04) -3.43	-0.15 (0.04) -4.07	0.69 (0.03) 21.64
CSE	0.19 (0.05) 3.72	1.20 (0.04) 28.72	-0.53 (0.03) -17.31
DO	0.10 (0.02) 5.01	0.24 (0.03) 7.58	0.56 (0.03) 18.86
UP	0.48 (0.03) 16.47	0.32 (0.02) 14.52	-0.08 (0.02) -4.81
HO	0.08 (0.02) 3.05	0.51 (0.02) 22.20	-0.01 (0.02) -0.31
EFF	0.20 (0.03) 6.98	0.03 (0.02) 1.23	-0.08 (0.03) -3.05

Indirect Effects of X on Y

	AC	AF	PO
TF	-0.01 (0.00) -3.58	-0.04 (0.01) -4.60	0.12 (0.02) 5.15

TS	0.13 (0.02) 5.68	0.09 (0.02) 5.82	-0.02 (0.01) -3.77
CM	-0.10 (0.02) -4.97	-0.20 (0.03) -5.72	0.13 (0.04) 3.05
CS	0.00 (0.00) 3.11	-0.15 (0.04) -4.07	-0.03 (0.01) -3.19
CSE	0.04 (0.01) 4.80	1.20 (0.04) 28.72	-0.53 (0.03) -17.31
DO	0.10 (0.02) 5.01	0.24 (0.03) 7.58	0.56 (0.03) 18.86
UP	0.04 (0.01) 2.75	0.32 (0.02) 14.52	-0.08 (0.02) -4.81
HO	0.08 (0.02) 3.05	-0.51 (0.02) 22.20	-0.01 (0.02) -0.31
EFF	0.08 (0.02) 3.67	0.03 (0.02) 1.23	-0.19 (0.02) -8.08

Total Effects of Y on Y

	TF	TS	CM	CS	CSE	DO
TF	-0.01 (0.00) -3.80	-0.04 (0.01) -3.67	0.09 (0.02) 5.23	0.03 (0.01) 3.77	0.00 (0.00) -3.44	--
TS	0.14 (0.03) 5.37	0.01 (0.00) 4.40	-0.03 (0.01) -5.78	0.02 (0.01) 2.76	0.08 (0.01) 5.90	--
CM	-0.14 (0.03) -5.15	-0.41 (0.08) -5.07	0.01 (0.00) 1.30	0.31 (0.05) 5.74	-0.03 (0.01) -4.36	--
CS	-0.27 (0.07) -4.01	0.01 (0.00) 2.74	-0.03 (0.01) -3.25	-0.01 (0.00) -2.84	0.00 (0.00) 2.66	--
CSE	1.89 (0.12) 15.86	0.17 (0.03) 5.02	-0.41 (0.02) -18.96	-0.13 (0.02) -5.28	0.01 (0.00) 4.39	--

DO	0.09 (0.02) 4.03	0.83 (0.07) 11.47	0.26 (0.02) 11.28	0.11 (0.02) 6.25	0.07 (0.01) 5.92	--
UP	0.50 (0.04) 11.84	0.05 (0.01) 4.94	-0.12 (0.01) -13.51	0.07 (0.02) 3.05	0.28 (0.02) 18.54	--
HO	0.90 (0.06) 15.43	0.00 (0.01) 0.31	0.00 (0.01) -0.31	0.00 (0.00) -0.31	0.49 (0.02) 22.47	--
EFF	0.12 (0.03) 3.88	-0.22 (0.03) -6.54	-0.11 (0.01) -7.97	-0.02 (0.01) -1.96	0.06 (0.02) 3.83	-0.28 (0.03) -8.73

Total Effects of Y on Y

	UP	HO	EFF
TF	-0.01 (0.00) -3.43	--	--
TS	0.29 (0.05) 6.02	--	--
CM	-0.12 (0.03) -4.35	--	--
CS	0.00 (0.00) 2.64	--	--
CSE	0.05 (0.01) 4.37	--	--
DO	0.23 (0.04) 6.19	--	--
UP	0.01 (0.00) 4.40	--	--
HO	0.00 (0.00) 0.31	--	--
EFF	0.16 (0.05) 3.21	--	--

Largest Eigenvalue of $B \cdot B'$ (Stability Index) is 3.776

Indirect Effects of Y on Y

	TF	TS	CM	CS	CSE	DO
TF	-0.01 (0.00) -3.80	-0.04 (0.01) -3.67	0.00 (0.00) 1.39	0.03 (0.01) 3.77	0.00 (0.00) -3.44	--
TS	0.14 (0.03) 5.37	0.01 (0.00) 4.40	-0.03 (0.01) -5.78	0.02 (0.01) 2.76	0.08 (0.01) 5.90	--
CM	-0.14 (0.03) -5.15	0.00 (0.00) -1.13	0.01 (0.00) 1.30	-0.01 (0.00) -3.39	-0.03 (0.01) -4.36	--
CS	0.00 (0.00) 2.24	0.01 (0.00) 2.74	-0.03 (0.01) -3.25	-0.01 (0.00) -2.84	0.00 (0.00) 2.66	--
CSE	0.06 (0.01) 5.04	0.17 (0.03) 5.02	0.16 (0.03) 5.28	-0.13 (0.02) -5.28	0.01 (0.00) 4.39	--
DO	0.09 (0.02) 4.03	-0.11 (0.02) -4.52	-0.03 (0.00) -6.08	0.11 (0.02) 6.25	0.07 (0.01) 5.92	--
UP	0.50 (0.04) 11.84	0.05 (0.01) 4.94	-0.12 (0.01) -13.51	-0.04 (0.01) -5.04	0.00 (0.00) 4.19	--
HO	0.90 (0.06) 15.43	0.00 (0.01) 0.31	-0.20 (0.02) -13.09	0.00 (0.00) -0.31	0.00 (0.00) 0.31	--
EFF	0.12 (0.03) 3.88	-0.22 (0.03) -6.54	-0.11 (0.01) -7.97	-0.02 (0.01) -1.96	0.04 (0.01) 3.17	--

Indirect Effects of Y on Y

	UP	HO	EFF
TF	-0.01 (0.00) -3.43	--	--
TS	0.00 (0.00) 2.93	--	--

CM -0.12 -- --
 (0.03)
 -4.35

CS 0.00 -- --
 (0.00)
 2.64

CSE 0.05 -- --
 (0.01)
 4.37

DO 0.23 -- --
 (0.04)
 6.19

UP 0.01 -- --
 (0.00)
 4.40

HO 0.00 -- --
 (0.00)
 0.31

EFF -0.06 -- --
 (0.01)
 -4.81

Time used: 0.391 Seconds