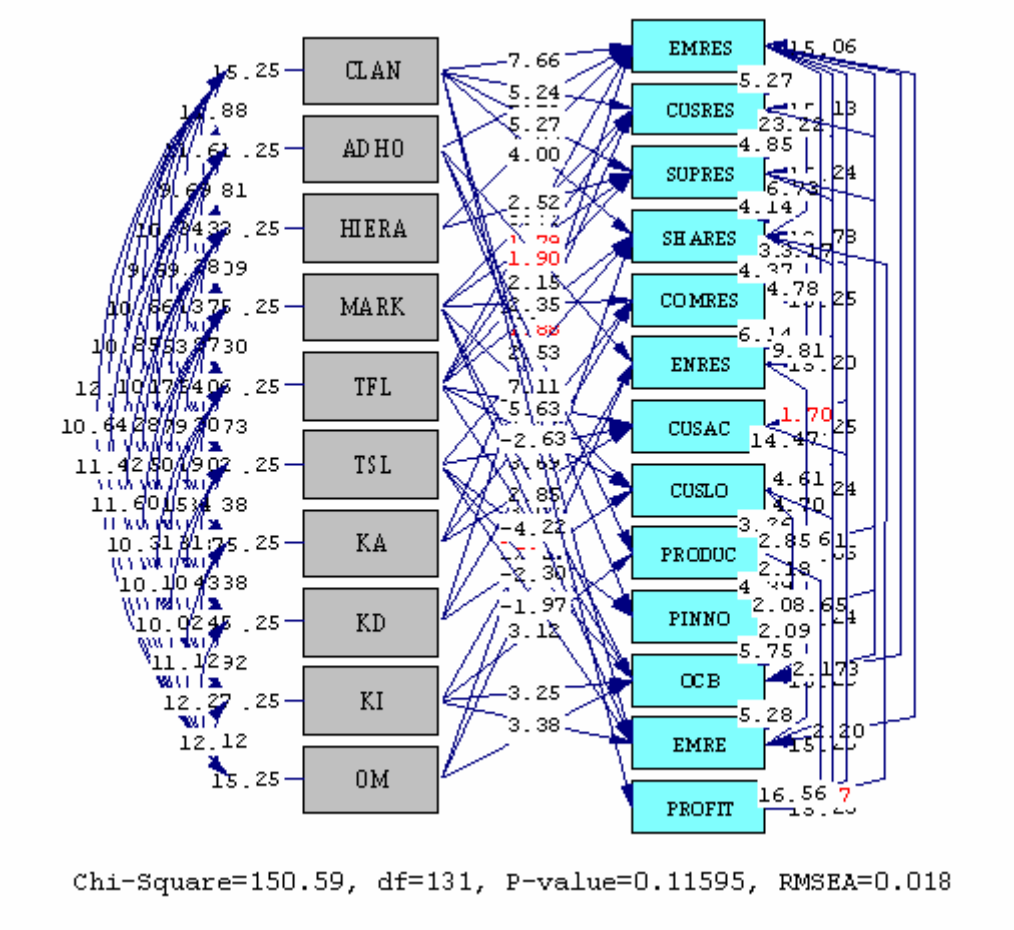
ภาคผนวก

ผลการวิเคราะห์ข้อมูลโดยใช้แบบจำลองสมการเชิงโครงสร้าง


CLAN
ADHO
HIERA
MARK
TFL
TSL
KA
KD
KI
OM
EMRES
COSRES
SUPRES
SHARES
COMRES
ENRES
COSAC
COSLO
PRODUC
PINNO
OCB
EMRE
PROFIT
Chi-Square=150.59, df=131, P-value=0.11595, RMSEA=0.018

DATE: 1/ 9/2011
TIME: 9:35

L I S R E L 8.72

BY

Karl G. J”reskog & Dag S”rbom

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The following lines were read from file
E:\SAMROENGKAIYAWONG\SAMROENGKAIYAWONG.LPJ:

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 TI
 !DA NI=23 NO=476 MA=CM
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 FR BE(5,1) BE(5,6) BE(6,1) BE(7,1) BE(7,9) BE(8,3) BE(8,9) BE(8,12) BE(9,1)
 FR BE(9,4) BE(9,6) BE(9,10) BE(9,11) BE(10,2) BE(10,8) BE(10,11) BE(10,12)
BE(11,1)
 FR BE(11,3) BE(11,12) BE(12,1) BE(13,4) BE(13,7) BE(13,8) BE(13,9) GA(1,1)
GA(1,2)
 FR GA(1,3) GA(1,5) GA(1,8) GA(2,1) GA(2,4) GA(2,5) GA(2,7) GA(3,1) GA(3,3)
 FR GA(3,4) GA(3,5) GA(4,1) GA(4,5) GA(4,6) GA(4,10) GA(5,4) GA(5,7) GA(5,8)
 FR GA(6,2) GA(6,9) GA(6,10) GA(7,5) GA(7,6) GA(7,7) GA(8,4) GA(8,5) GA(8,8)
 FR GA(9,2) GA(9,9) GA(10,2) GA(10,6) GA(11,4) GA(11,5) GA(11,6) GA(11,9)
GA(11,10)
 FR GA(12,1) GA(12,4) GA(12,6) GA(12,9) GA(13,1)
 PD
 OU RS EF FS SS SC

 TI
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Number of Input Variables 23
Number of Y - Variables 13
Number of X - Variables 10
Number of ETA - Variables 13
Number of KSI - Variables 10
Number of Observations 476

TI

Parameter Specifications

PHI

	CLAN	ADHO	HIERA	MARK	TFL	TSL
CLAN	78					
ADHO	79	80				
HIERA	81	82	83			
MARK	84	85	86	87		
TFL	88	89	90	91	92	
TSL	93	94	95	96	97	98
KA	99	100	101	102	103	104
KD	106	107	108	109	110	111
KI	114	115	116	117	118	119
OM	123	124	125	126	127	128

PHI

	KA	KD	KI	OM
KA	105			
KD	112	113		
KI	120	121	122	
OM	129	130	131	132

PSI

EMRES	CUSRES	SUPRES	SHARES	COMRES	ENRES
133	134	135	136	137	138

PSI

CUSAC	CUSLO	PRODUC	PINNO	OCB	EMRE
139	140	141	142	143	144

PSI

PROFIT
145

TI

Number of Iterations = 12

LISREL Estimates (Maximum Likelihood)

BETA

	EMRES	CUSRES	SUPRES	SHARES	COMRES	ENRES
EMRES	- -	0.24 (0.05) 5.27	- -	- -	- -	- -
CUSRES	- -	- -	0.21 (0.04) 4.85	0.08 (0.04) 2.12	- -	0.13 (0.04) 3.22
SUPRES	- -	- -	- -	0.15 (0.04) 4.14	- -	0.27 (0.04) 6.73
SHARES	- -	- -	- -	- -	0.18 (0.04) 4.37	0.21 (0.06) 3.81
COMRES	0.28 (0.06) 4.78	- -	- -	- -	- -	0.34 (0.05) 6.14
ENRES	0.45 (0.05) 9.81	- -	- -	- -	- -	- -
CUSAC	0.09 (0.05) 1.70	- -	- -	- -	- -	- -
CUSLO	- -	- -	0.33 (0.07) 4.61	- -	- -	- -
PRODUC	0.25 (0.08) 3.11	- -	- -	-0.51 (0.12) -4.16	- -	0.22 (0.08) 2.85
PINNO	- -	0.16 (0.06) 2.65	- -	- -	- -	- -
OCB	0.18 (0.04) 4.03	- -	0.09 (0.04) 2.17	- -	- -	- -
EMRE	0.17 (0.08) 2.20	- -	- -	- -	- -	- -
PROFIT	- -	- -	- -	0.08 (0.04) 1.77	- -	- -

BETA

	CUSAC	CUSLO	PRODUC	PINNO	OCB	EMRE
EMRES	- -	- -	- -	- -	- -	- -
CUSRES	- -	- -	- -	- -	- -	- -
SUPRES	- -	- -	- -	- -	- -	- -
SHARES	- -	- -	0.23 (0.07) 3.17	- -	- -	- -
COMRES	- -	- -	- -	- -	- -	- -
ENRES	- -	- -	- -	- -	- -	- -
CUSAC	- -	- -	0.55 (0.04) 14.47	- -	- -	- -
CUSLO	- -	- -	0.17 (0.05) 3.26	- -	- -	0.21 (0.04) 4.70
PRODUC	- -	- -	- -	0.23 (0.05) 4.39	0.16 (0.07) 2.18	- -
PINNO	- -	0.07 (0.04) 2.08	- -	- -	0.35 (0.06) 5.75	0.08 (0.04) 2.09
OCB	- -	- -	- -	- -	- -	0.13 (0.03) 5.28
EMRE	- -	- -	- -	- -	- -	- -
PROFIT	0.15 (0.04) 3.50	0.07 (0.03) 2.10	0.75 (0.05) 16.56	- -	- -	- -

GAMMA

	CLAN	ADHO	HIERA	MARK	TFL	TSL
EMRES	0.32	0.09	0.09	- -	0.17	- -
	(0.04)	(0.04)	(0.05)		(0.05)	
	7.66	2.23	2.07		3.75	
CUSRES	0.21	- -	- -	0.14	0.08	- -
	(0.04)			(0.04)	(0.05)	
	5.24			3.77	1.74	
SUPRES	0.22	- -	0.13	0.08	0.10	- -
	(0.04)		(0.05)	(0.04)	(0.05)	
	5.27		2.52	1.79	2.15	
SHARES	0.21	- -	- -	- -	-0.28	0.32
	(0.05)				(0.09)	(0.07)
	4.00				-3.13	4.34
COMRES	- -	- -	- -	0.12	- -	- -
				(0.05)		
				2.35		
ENRES	- -	0.08	- -	- -	- -	- -
		(0.04)				
		1.90				
CUSAC	- -	- -	- -	- -	0.27	-0.25
					(0.09)	(0.08)
					2.93	-3.28
CUSLO	- -	- -	- -	-0.26	0.23	- -
				(0.07)	(0.08)	
				-3.64	2.74	
PRODUC	- -	0.17	- -	- -	- -	- -
		(0.07)				
		2.53				
PINNO	- -	0.37	- -	- -	- -	-0.10
		(0.05)				(0.06)
		7.11				-1.81
OCB	- -	- -	- -	0.12	0.25	-0.13
				(0.04)	(0.07)	(0.06)
				2.85	3.80	-2.30
EMRE	0.45	- -	- -	-0.29	- -	-0.14
	(0.08)			(0.07)		(0.07)
	5.63			-4.22		-1.97
PROFIT	-0.13	- -	- -	- -	- -	- -
	(0.05)					
	-2.63					

GAMMA

	KA	KD	KI	OM
EMRES	- -	0.07 (0.03) 2.09	- -	- -
CUSRES	0.07 (0.04) 1.88	- -	- -	- -
SUPRES	- -	- -	- -	- -
SHARES	- -	- -	- -	0.14 (0.05) 3.07
COMRES	0.15 (0.06) 2.62	0.18 (0.05) 3.69	- -	- -
ENRES	- -	- -	0.10 (0.05) 2.06	0.09 (0.04) 2.29
CUSAC	0.23 (0.05) 4.53	- -	- -	- -
CUSLO	- -	-0.26 (0.06) -4.42	- -	- -
PRODUC	- -	- -	0.22 (0.07) 3.12	- -
PINNO	- -	- -	- -	- -
OCB	- -	- -	0.14 (0.04) 3.25	0.19 (0.04) 5.00
EMRE	- -	- -	0.24 (0.07) 3.38	- -
PROFIT	- -	- -	- -	- -

Squared Multiple Correlations for Structural Equations

EMRES	CUSRES	SUPRES	SHARES	COMRES	ENRES
0.65	0.61	0.59	0.49	0.54	0.49

Squared Multiple Correlations for Structural Equations

CUSAC	CUSLO	PRODUC	PINNO	OCB	EMRE
0.51	0.18	0.29	0.44	0.59	0.24

Squared Multiple Correlations for Structural Equations

PROFIT
0.60

Goodness of Fit Statistics

Degrees of Freedom = 131
Minimum Fit Function Chi-Square = 157.16 (P = 0.059)
Normal Theory Weighted Least Squares Chi-Square = 150.59 (P = 0.12)
Estimated Non-centrality Parameter (NCP) = 19.59
90 Percent Confidence Interval for NCP = (0.0 ; 54.12)
Minimum Fit Function Value = 0.33
Population Discrepancy Function Value (F0) = 0.042
90 Percent Confidence Interval for F0 = (0.0 ; 0.12)
Root Mean Square Error of Approximation (RMSEA) = 0.018
90 Percent Confidence Interval for RMSEA = (0.0 ; 0.030)
P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00
Expected Cross-Validation Index (ECVI) = 0.95
90 Percent Confidence Interval for ECVI = (0.91 ; 1.02)
ECVI for Saturated Model = 1.19
ECVI for Independence Model = 61.50
Chi-Square for Independence Model with 253 Degrees of Freedom = 28551.55
Independence AIC = 28597.55
Model AIC = 440.59
Saturated AIC = 552.00
Independence CAIC = 28716.36
Model CAIC = 1189.58
Saturated CAIC = 1977.66
Normed Fit Index (NFI) = 0.99
Non-Normed Fit Index (NNFI) = 1.00
Parsimony Normed Fit Index (PNFI) = 0.51
Comparative Fit Index (CFI) = 1.00
Incremental Fit Index (IFI) = 1.00
Relative Fit Index (RFI) = 0.99
Critical N (CN) = 519.53
Root Mean Square Residual (RMR) = 0.012
Standardized RMR = 0.019
Goodness of Fit Index (GFI) = 0.97
Adjusted Goodness of Fit Index (AGFI) = 0.94
Parsimony Goodness of Fit Index (PGFI) = 0.46