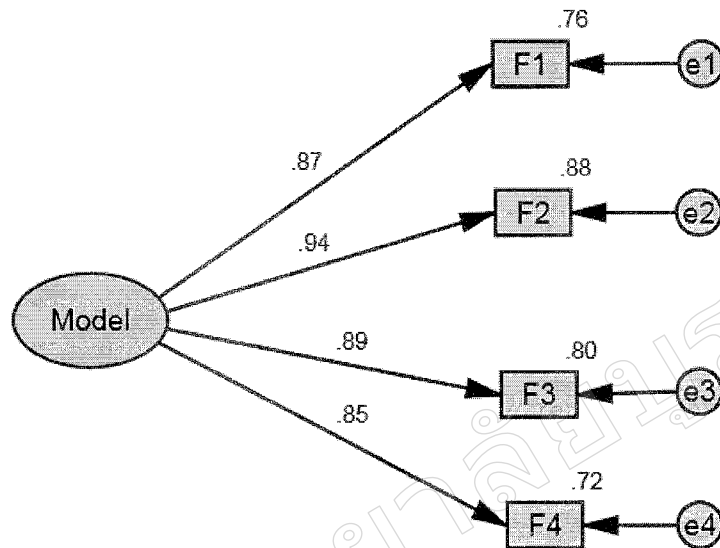


มหาวิทยาลัยบูรพา
Burapha University

ภาคผนวก ข
ผลการวิเคราะห์ข้อมูล

ผลการวิเคราะห์ข้อมูล



Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	8	16.596	5	.000	3.3192
Saturated model	10	.000	0		
Independence model	4	1062.108	6	.000	177.018

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.002	.975	.873	.195
Saturated model	.000	1.000		
Independence model	.077	.348	-.087	.209

Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Default model	.984	.953	.986	.959	.986

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.333	.328	.329
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	14.596	5.125	31.514
Saturated model	.000	.000	.000
Independence model	1056.108	952.697	1166.898

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	.056	.050	.017	.107
Saturated model	.000	.000	.000	.000
Independence model	3.613	3.592	3.240	3.969

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.158	.093	.232	.004
Independence model	.774	.735	.813	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	32.596	32.872	62.091	70.091

Model	AIC	BCC	BIC	CAIC
Saturated model	20.000	20.346	56.870	66.870
Independence model	1070.108	1070.247	1084.856	1088.856

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	.111	.079	.168	.112
Saturated model	.068	.068	.068	.069
Independence model	3.640	3.288	4.017	3.640

HOELTER

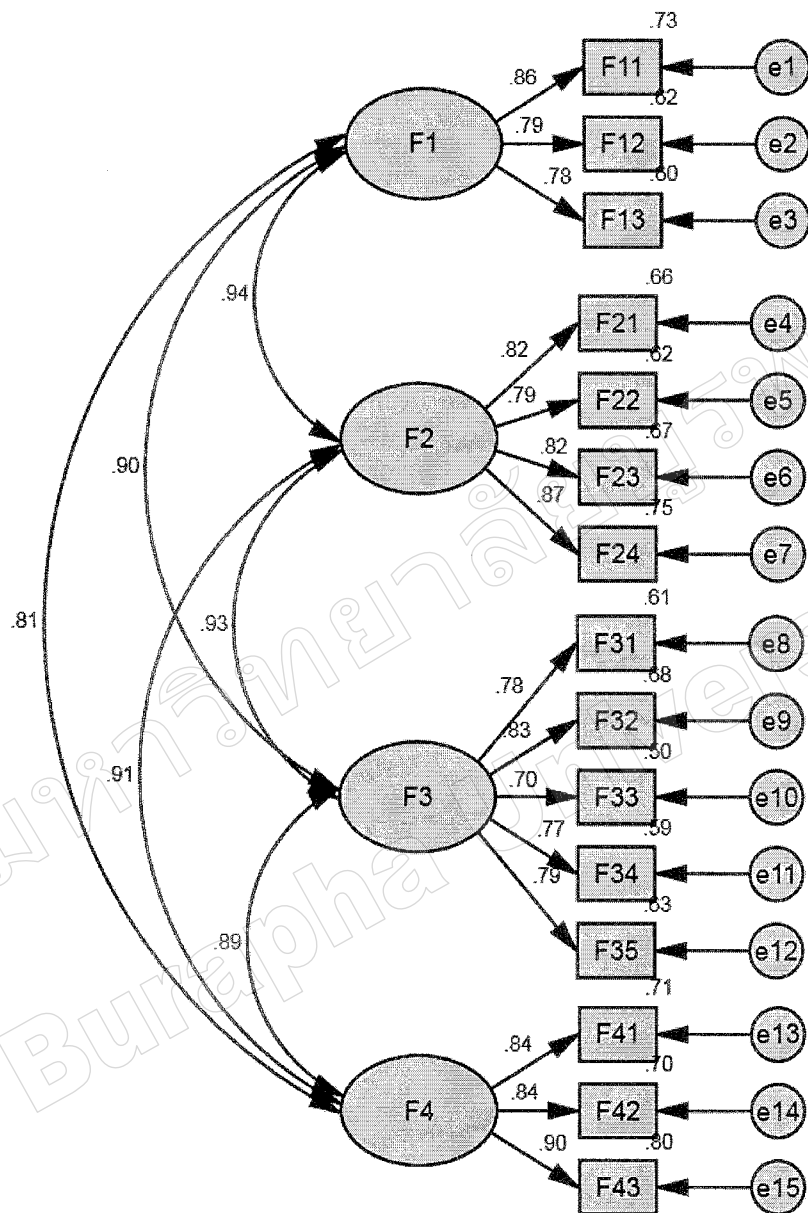
Model	HOELTER .05	HOELTER .01
Default model	107	164
Independence model	4	5

Minimization: .012

Miscellaneous: .136

Bootstrap: .000

Total: .148



Model Fit Summary

CMIN

Model	NPART	CMIN	DF	P	CMIN/DF
Default model	36	352.422	84	.000	4.196
Saturated model	120	.000	0		
Independence model	15	3725.736	105	.000	35.483

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.007	.849	.785	.594
Saturated model	.000	1.000		
Independence model	.096	.161	.041	.141

Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Default model	.905	.882	.926	.907	.926
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.800	.724	.741
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90
Default model	268.422	214.194	330.207
Saturated model	.000	.000	.000
Independence model	3620.736	3424.926	3823.834

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	1.199	.913	.729	1.123
Saturated model	.000	.000	.000	.000
Independence model	12.673	12.315	11.649	13.006

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.104	.093	.116	.000
Independence model	.342	.333	.352	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	424.422	428.566	557.153	593.153
Saturated model	240.000	253.813	682.437	802.437
Independence model	3755.736	3757.462	3811.040	3826.040

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	1.444	1.259	1.654	1.458
Saturated model	.816	.816	.816	.863
Independence model	12.775	12.109	13.465	12.780

HOELTER

Model	HOELTER	HOELTER
	.05	.01
Default model	89	98
Independence model	11	12

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
F11 <--- F1	1.000				
F12 <--- F1	1.028	.063	16.419	***	par_1
F13 <--- F1	1.028	.067	15.443	***	par_2
F21 <--- F2	1.000				
F22 <--- F2	1.275	.081	15.771	***	par_3
F23 <--- F2	1.408	.087	16.241	***	par_4
F24 <--- F2	1.429	.080	17.904	***	par_5
F31 <--- F3	1.000				
F32 <--- F3	1.035	.066	15.692	***	par_6
F33 <--- F3	.898	.070	12.798	***	par_7
F34 <--- F3	.884	.062	14.298	***	par_8
F35 <--- F3	1.049	.072	14.596	***	par_9
F41 <--- F4	1.000				
F42 <--- F4	1.084	.062	17.570	***	par_10
F43 <--- F4	1.100	.057	19.410	***	par_11

Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
F11 <--- F1	.856
F12 <--- F1	.790
F13 <--- F1	.776
F21 <--- F2	.815
F22 <--- F2	.787
F23 <--- F2	.817
F24 <--- F2	.865
F31 <--- F3	.784

	Estimate
F32 <--- F3	.826
F33 <--- F3	.704
F34 <--- F3	.770
F35 <--- F3	.792
F41 <--- F4	.844
F42 <--- F4	.836
F43 <--- F4	.895

Covariances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
F1 <--> F2	.090	.009	9.745	***	par_12
F1 <--> F3	.083	.009	9.291	***	par_13
F2 <--> F4	.088	.009	9.495	***	par_14
F3 <--> F4	.081	.009	9.180	***	par_15
F2 <--> F3	.079	.009	9.264	***	par_16
F1 <--> F4	.084	.009	9.035	***	par_17

Correlations: (Group number 1 - Default model)

	Estimate
F1 <--> F2	.939
F1 <--> F3	.905
F2 <--> F4	.911
F3 <--> F4	.886
F2 <--> F3	.932
F1 <--> F4	.806

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
F1	.103	.012	8.825	***	par_18
F2	.090	.011	8.353	***	par_19

	Estimate	S.E.	C.R.	P	Label
F3	.080	.010	7.839 ***		par_20
F4	.105	.012	8.774 ***		par_21
e1	.038	.005	8.193 ***		par_22
e2	.066	.007	9.908 ***		par_23
e3	.072	.007	10.240 ***		par_24
e4	.045	.004	10.278 ***		par_25
e5	.090	.008	10.670 ***		par_26
e6	.089	.009	10.380 ***		par_27
e7	.062	.006	9.818 ***		par_28
e8	.051	.005	10.479 ***		par_29
e9	.040	.004	10.010 ***		par_30
e10	.066	.006	11.195 ***		par_31
e11	.043	.004	10.710 ***		par_32
e12	.053	.005	10.474 ***		par_33
e13	.042	.004	9.511 ***		par_34
e14	.053	.005	9.710 ***		par_35
e15	.031	.004	7.882 ***		par_36

Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
F43	.802
F42	.699
F41	.712
F35	.627
F34	.592
F33	.496
F32	.682
F31	.614
F24	.748
F23	.667
F22	.619

	Estimate
F21	.665
F13	.603
F12	.624
F11	.733

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