

Regression Weights: (Group number 1 - Free Model)

	Estimate	S.E.	C.R.	P	Label
OO <--- Competency	1.000				
PP <--- Competency	1.109	.045	24.396	***	
QQ <--- Competency	1.073	.038	28.384	***	
RR <--- Competency	1.097	.044	25.016	***	
SS <--- Competency	.927	.045	20.436	***	

Standardized Regression Weights: (Group number 1 - Free Model)

	Estimate
OO <--- Competency	.867
PP <--- Competency	.862
QQ <--- Competency	.907
RR <--- Competency	.824
SS <--- Competency	.725

Variances: (Group number 1 - Free Model)

	Estimate	S.E.	C.R.	P	Label
Competency	.292	.022	12.983	***	
e32	.097	.008	11.566	***	
e33	.124	.021	5.971	***	
e34	.073	.008	8.753	***	
e35	.166	.013	13.234	***	
e36	.226	.015	15.048	***	

Squared Multiple Correlations: (Group number 1 - Free Model)

	Estimate
SS	.526
RR	.679
QQ	.822
PP	.744
OO	.751

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ผลการวิเคราะห์องค์ประกอบเชิงยืนยัน(CFA) ประสิทธิภาพของตัวแปรแฝงโรงเรียนเอกชน
ประเภทสามัญ (Effectiveness)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 608

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Free Model	20	15.052	8	.058	1.882
Saturated model	28	.000	0		
Independence model	7	2815.523	21	.000	134.073

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Free Model	.006	.993	.975	.284
Saturated model	.000	1.000		
Independence model	.212	.341	.121	.256

Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Free Model	.995	.986	.997	.993	.997
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Free Model	.038	.000	.067	.714
Independence model	.468	.454	.483	.000

Sample Correlations (Group number 1)

	ZZ	YY	XX	WW	VV	UU	TT
ZZ	1.000						
YY	.802	1.000					
XX	.548	.502	1.000				
WW	.360	.358	.639	1.000			
VV	.470	.342	.699	.560	1.000		
UU	.480	.438	.695	.520	.706	1.000	
TT	.484	.402	.626	.498	.670	.778	1.000

Condition number = 26.178

Eigenvalues

4.334 1.056 .592 .354 .282 .216 .166

Standardized Residual Covariances (Group number 1 - Free Model)

	ZZ	YY	XX	WW	VV	UU	TT
ZZ	.094						
YY	.228	.191					
XX	.414	.846	-.013				
WW	-.315	-.061	-.047	.000			
VV	-.404	-.308	-.260	.157	.000		
UU	.179	-.388	.128	-.316	.169	.000	
TT	-.126	-.512	-.326	-.014	.409	.053	.043

Regression Weights: (Group number 1 - Free Model)

	Estimate	S.E.	C.R.	P	Label
TT <--- Effectiveness	1.000				
UU <--- Effectiveness	.961	.035	27.093	***	
VV <--- Effectiveness	1.105	.053	20.913	***	
WW <--- Effectiveness	.716	.046	15.701	***	
XX <--- Effectiveness	.927	.044	20.979	***	
YY <--- Effectiveness	1.006	.076	13.166	***	
ZZ <--- Effectiveness	.979	.068	14.387	***	

Standardized Regression Weights: (Group number 1 - Free Model)

	Estimate
TT <--- Effectiveness	.767
UU <--- Effectiveness	.822
VV <--- Effectiveness	.849
WW <--- Effectiveness	.651
XX <--- Effectiveness	.838
YY <--- Effectiveness	.557
ZZ <--- Effectiveness	.576

Variances: (Group number 1 - Free Model)

	Estimate	S.E.	C.R.	P	Label
Effectiveness	.232	.022	10.669	***	
e32	.163	.012	14.093	***	
e33	.103	.008	12.783	***	
e34	.110	.010	11.297	***	
e35	.162	.010	15.550	***	
e36	.084	.007	12.314	***	
e37	.522	.033	15.979	***	
e38	.447	.027	16.549	***	

Squared Multiple Correlations: (Group number 1 - Free Model)

	Estimate
ZZ	.332
YY	.310
XX	.703
WW	.423
VV	.720
UU	.675
TT	.588

การวิเคราะห์ความสัมพันธ์เชิงเส้นที่มีอิทธิพลต่อประสิทธิผลของโรงเรียนเอกชนประเภทสามัญ
และค่าพารามิเตอร์ เมื่อเปรียบเทียบกับข้อมูลเชิงประจักษ์

Notes for Group (Group number 1)

The model is recursive.

Sample size = 608

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Free Model	62	2358.403	289	.000	8.161
Saturated model	351	.000	0		
Independence model	26	16854.830	325	.000	51.861

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Free Model	.025	.756	.703	.622
Saturated model	.000	1.000		
Independence model	.229	.097	.024	.089

Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Free Model	.860	.843	.875	.859	.875
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Free Model	.109	.105	.113	.000
Independence model	.289	.286	.293	.000

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Sample Correlations (Group number 1)

	DD	CC	BB	AA	TT	UU	VV	WW	XX	YY	ZZ	OO	PP	QQ	RR	SS	NN	MM	LL	KK	JJ	II	HH	GG	FF	EE
DD	1.00																									
CC	0.79	1.00																								
BB	0.80	0.83	1.00																							
AA	0.82	0.76	0.81	1.00																						
TT	0.75	0.73	0.74	0.73	1.00																					
UU	0.67	0.63	0.65	0.60	0.78	1.00																				
VV	0.60	0.56	0.54	0.56	0.67	0.71	1.00																			
WW	0.38	0.43	0.40	0.35	0.50	0.52	0.56	1.00																		
XX	0.58	0.59	0.56	0.52	0.63	0.70	0.70	0.64	1.00																	
YY	0.34	0.42	0.36	0.27	0.40	0.44	0.34	0.36	0.50	1.00																
ZZ	0.42	0.47	0.42	0.38	0.48	0.48	0.47	0.36	0.55	0.80	1.00															
OO	0.66	0.64	0.67	0.63	0.72	0.75	0.65	0.53	0.67	0.49	0.57	1.00														
PP	0.61	0.57	0.58	0.61	0.64	0.61	0.62	0.44	0.60	0.37	0.49	0.79	1.00													
QQ	0.62	0.55	0.59	0.57	0.61	0.64	0.58	0.47	0.64	0.43	0.54	0.79	0.74	1.00												
RR	0.58	0.55	0.56	0.55	0.62	0.57	0.65	0.42	0.62	0.48	0.57	0.72	0.78	0.74	1.00											
SS	0.54	0.48	0.46	0.46	0.57	0.58	0.60	0.44	0.63	0.41	0.48	0.61	0.62	0.67	0.69	1.00										
NN	0.58	0.56	0.55	0.54	0.63	0.62	0.58	0.51	0.67	0.54	0.56	0.76	0.68	0.71	0.66	0.61	1.00									
MM	0.62	0.61	0.59	0.57	0.63	0.61	0.60	0.50	0.64	0.42	0.53	0.73	0.61	0.67	0.60	0.57	0.78	1.00								
LL	0.61	0.67	0.65	0.60	0.69	0.70	0.62	0.55	0.66	0.46	0.48	0.76	0.66	0.63	0.62	0.56	0.76	0.73	1.00							
KK	0.63	0.66	0.59	0.54	0.61	0.61	0.56	0.53	0.63	0.54	0.53	0.69	0.61	0.64	0.63	0.55	0.78	0.72	0.74	1.00						
JJ	0.65	0.64	0.58	0.53	0.60	0.66	0.57	0.55	0.64	0.49	0.47	0.71	0.58	0.66	0.61	0.59	0.72	0.69	0.72	0.83	1.00					
II	0.60	0.61	0.60	0.54	0.62	0.66	0.56	0.45	0.61	0.53	0.59	0.73	0.61	0.65	0.64	0.60	0.66	0.65	0.64	0.68	0.67	1.00				
HH	0.58	0.65	0.64	0.54	0.65	0.70	0.56	0.52	0.63	0.59	0.59	0.73	0.59	0.60	0.59	0.53	0.66	0.62	0.72	0.68	0.69	0.75	1.00			
GG	0.62	0.70	0.62	0.55	0.62	0.65	0.53	0.40	0.63	0.57	0.59	0.66	0.57	0.60	0.58	0.51	0.63	0.62	0.65	0.64	0.65	0.70	0.74	1.00		
FF	0.61	0.68	0.66	0.57	0.65	0.66	0.53	0.46	0.66	0.42	0.44	0.68	0.58	0.57	0.53	0.53	0.62	0.63	0.71	0.64	0.68	0.66	0.73	0.73	1.00	
EE	0.79	0.75	0.74	0.68	0.74	0.67	0.56	0.42	0.58	0.45	0.47	0.66	0.61	0.58	0.57	0.53	0.63	0.62	0.69	0.66	0.67	0.69	0.67	0.70	0.70	1.00

Eigenvalues 16.200 1.543 1.119 .907 .764 .583 .488 .425 .393 .367 .346 .328 .284 .252 .231 .218 .214 .200 .178 .171 .165 .144 .128 .123 .120 .108

Standardized Residual Covariances (Group number 1 - Free Model)

	DD	CC	BB	AA	TT	UU	VV	WW	XX	YY	ZZ	OO	PP	QQ	RR	SS	NN	MM	LL	KK	JJ	II	HH	GG	FF	EE
DD	0.00																									
CC	-0.28	0.00																								
BB	-0.37	0.27	0.00																							
AA	0.70	-0.48	0.22	0.00																						
TT	2.70	2.37	2.23	2.57	0.00																					
UU	0.81	-0.03	0.07	-0.41	1.12	0.00																				
VV	0.51	-0.51	-1.05	-0.24	0.14	0.60	0.00																			
WW	-1.98	-0.88	-1.79	-2.32	-0.77	-0.51	1.32	0.00																		
XX	-0.62	-0.43	-1.15	-1.48	-1.32	-0.20	1.05	2.59	0.00																	
YY	-1.89	-0.27	-1.72	-3.28	-1.91	-1.32	-2.58	-0.22	0.57	0.00																
ZZ	-1.35	-0.29	-1.48	-1.95	-1.35	-1.66	-0.93	-1.16	0.31	0.82	0.00															
OO	0.69	0.35	0.74	0.50	0.69	1.02	0.15	0.24	0.01	0.43	0.95	0.00														
PP	0.39	-0.40	-0.48	0.61	-0.22	-1.11	0.34	-1.14	-0.73	-1.84	-0.29	0.22	0.00													
QQ	0.59	-0.90	-0.35	-0.32	-0.91	-0.51	-0.63	-0.52	0.05	-0.36	0.81	0.01	-0.07	0.00												
RR	0.15	-0.53	-0.71	-0.42	-0.32	-1.68	1.11	-1.36	-0.11	0.97	1.68	-0.84	1.04	0.28	0.00											
SS	0.66	-0.68	-1.39	-0.92	0.14	0.24	1.56	0.48	1.71	0.59	1.01	-1.23	-0.36	0.55	1.33	0.00										
NN	-0.56	-1.00	-1.46	-1.24	-0.60	-0.96	-0.78	0.40	0.51	2.00	1.25	1.10	0.10	0.73	0.13	0.55	0.00									
MM	0.92	0.69	0.01	0.16	0.04	-0.58	0.21	0.71	0.60	-0.17	1.03	1.05	-0.72	0.50	-0.49	0.44	0.83	0.00								
LL	0.26	1.48	0.89	0.24	0.95	0.81	0.19	1.47	0.66	0.36	-0.38	1.29	-0.14	-0.66	-0.63	-0.27	-0.02	-0.04	0.00							
KK	0.49	1.09	-0.60	-1.18	-0.94	-1.26	-1.25	0.68	-0.24	2.02	0.61	-0.30	-1.21	-0.83	-0.51	-0.53	0.07	-0.35	-0.33	0.00						
JJ	1.30	1.04	-0.58	-1.17	-0.81	0.12	-0.58	1.56	0.39	1.12	-0.64	0.30	-1.48	0.00	-0.74	0.47	-0.65	-0.68	-0.40	1.42	0.00					
II	-0.58	-0.43	-0.97	-1.51	-0.34	0.29	-0.68	-0.63	-0.16	2.02	2.32	1.81	0.12	0.77	0.88	1.38	0.12	0.57	-0.20	0.45	0.52	0.00				
HH	-1.43	-0.01	-0.52	-2.13	-0.21	0.54	-1.11	0.50	-0.25	3.02	1.90	1.27	-0.79	-0.63	-0.56	-0.18	-0.40	-0.56	1.00	0.01	0.46	0.78	0.00			
GG	-0.44	1.17	-0.71	-1.49	-0.56	-0.11	-1.56	-1.77	0.03	2.94	2.15	0.18	-0.92	-0.45	-0.45	-0.38	-0.68	-0.36	-0.11	-0.50	0.04	0.06	0.42	0.00		
FF	-0.51	1.02	0.24	-1.00	0.12	0.16	-1.38	-0.56	0.63	-0.56	-1.15	0.74	-0.64	-1.00	-1.43	-0.04	-0.95	0.01	1.18	-0.43	0.60	-0.72	0.36	0.49	0.00	
EE	3.17	2.34	1.85	1.14	1.86	0.21	-0.92	-1.40	-1.04	0.08	-0.56	0.23	-0.20	-0.91	-0.75	-0.09	-0.89	-0.34	0.65	-0.11	0.35	-0.21	-1.03	-0.14	-0.03	0.00

Regression Weights: (Group number 1 - Free Model)

		Estimate	S.E.	C.R.	P	Label
Strategic_planning	<--- Leadership	.791	.035	22.408	***	
LO	<--- Strategic_planning	.826	.057	14.571	***	
LO	<--- Leadership	.012	.046	.262	.793	
Competency	<--- Leadership	.132	.047	2.803	.005	
Competency	<--- LO	.701	.080	8.739	***	
Competency	<--- Strategic_planning	.157	.088	1.798	.072	
Effectiveness	<--- Leadership	.118	.044	2.659	.008	
Effectiveness	<--- Strategic_planning	.408	.084	4.881	***	
Effectiveness	<--- Competency	.389	.062	6.278	***	
Effectiveness	<--- LO	.128	.083	1.541	.123	
EE	<--- Strategic_planning	1.000				
FF	<--- Strategic_planning	.940	.036	25.985	***	
GG	<--- Strategic_planning	1.070	.041	26.236	***	
HH	<--- Strategic_planning	1.081	.040	27.099	***	
II	<--- Strategic_planning	.995	.039	25.560	***	
JJ	<--- LO	1.000				
KK	<--- LO	1.041	.035	29.384	***	
LL	<--- LO	1.074	.037	28.676	***	
MM	<--- LO	1.108	.041	26.945	***	
NN	<--- LO	1.120	.038	29.408	***	
SS	<--- Competency	1.000				
RR	<--- Competency	1.182	.055	21.531	***	
QQ	<--- Competency	1.079	.049	22.198	***	
PP	<--- Competency	1.166	.053	22.039	***	
OO	<--- Competency	1.105	.047	23.460	***	
ZZ	<--- Effectiveness	1.000				

		Estimate	S.E.	C.R.	P	Label
YY	<--- Effectiveness	.952	.073	13.070	***	
XX	<--- Effectiveness	.821	.047	17.534	***	
WW	<--- Effectiveness	.630	.045	14.127	***	
VV	<--- Effectiveness	.927	.055	16.963	***	
UU	<--- Effectiveness	.908	.050	18.141	***	
TT	<--- Effectiveness	.993	.056	17.860	***	
AA	<--- Leadership	1.000				
BB	<--- Leadership	.984	.030	33.340	***	
CC	<--- Leadership	.930	.029	31.936	***	
DD	<--- Leadership	1.004	.031	31.881	***	

Standardized Regression Weights: (Group number 1 - Free Model)

		Estimate
Strategic_planning	<--- Leadership	.849
LO	<--- Strategic_planning	.892
LO	<--- Leadership	.014
Competency	<--- Leadership	.140
Competency	<--- LO	.641
Competency	<--- Strategic_planning	.155
Effectiveness	<--- Leadership	.120
Effectiveness	<--- Strategic_planning	.387
Effectiveness	<--- Competency	.374
Effectiveness	<--- LO	.113
EE	<--- Strategic_planning	.843
FF	<--- Strategic_planning	.835
GG	<--- Strategic_planning	.840
HH	<--- Strategic_planning	.856

		Estimate
II	<--- Strategic_planning	.827
JJ	<--- LO	.858
KK	<--- LO	.878
LL	<--- LO	.867
MM	<--- LO	.838
NN	<--- LO	.879
SS	<--- Competency	.742
RR	<--- Competency	.842
QQ	<--- Competency	.865
PP	<--- Competency	.859
OO	<--- Competency	.908
ZZ	<--- Effectiveness	.650
YY	<--- Effectiveness	.580
XX	<--- Effectiveness	.822
WW	<--- Effectiveness	.634
VV	<--- Effectiveness	.788
UU	<--- Effectiveness	.858
TT	<--- Effectiveness	.841
AA	<--- Leadership	.877
BB	<--- Leadership	.913
CC	<--- Leadership	.895
DD	<--- Leadership	.895

Variances: (Group number 1 - Free Model)

	Estimate	S.E.	C.R.	P	Label
Leadership	.294	.022	13.584	***	
e37	.071	.007	10.344	***	
e38	.040	.004	9.102	***	
e36	.050	.006	8.752	***	
e39	.032	.005	6.610	***	
e10	.104	.007	15.075	***	
e11	.098	.006	15.223	***	
e12	.122	.008	15.134	***	
e13	.109	.007	14.791	***	
e14	.117	.008	15.363	***	
e15	.079	.005	14.989	***	
e16	.071	.005	14.463	***	
e17	.084	.006	14.770	***	
e18	.114	.007	15.365	***	
e19	.081	.006	14.451	***	
e20	.215	.013	16.265	***	
e21	.151	.010	15.102	***	
e22	.103	.007	14.581	***	
e23	.126	.009	14.720	***	
e24	.068	.005	12.881	***	
e25	.389	.023	16.680	***	
e26	.508	.030	16.908	***	
e27	.092	.006	15.272	***	
e28	.168	.010	16.741	***	
e29	.149	.009	15.735	***	
e30	.083	.006	14.498	***	

	Estimate	S.E.	C.R.	P	Label
e31	.116	.008	14.906	***	
e32	.088	.006	14.253	***	
e33	.057	.004	12.609	***	
e34	.063	.005	13.559	***	
e35	.074	.005	13.591	***	

Squared Multiple Correlations: (Group number 1 - Free Model)

	Estimate
Strategic_planning	.721
LO	.817
Competency	.809
Effectiveness	.886
DD	.800
CC	.802
BB	.834
AA	.769
TT	.708
UU	.737
VV	.621
WW	.401
XX	.675
YY	.336
ZZ	.422
OO	.825
PP	.738
QQ	.748
RR	.709

	Estimate
SS	.550
NN	.772
MM	.702
LL	.752
KK	.771
JJ	.735
II	.684
HH	.733
GG	.706
FF	.698
EE	.711

มหาวิทยาลัยบูรพา
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การวิเคราะห์ความสัมพันธ์เชิงเส้นที่มีอิทธิพลต่อประสิทธิผลของโรงเรียนเอกชนประเภทสามัญ
ที่สอดคล้องกับข้อมูลเชิงประจักษ์

Notes for Group (Group number 1)

The model is recursive.

Sample size = 608

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Free Model	91	1277.482	260	.000	4.913
Saturated model	351	.000	0		
Independence model	26	16854.830	325	.000	51.861

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Free Model	.016	.854	.803	.633
Saturated model	.000	1.000		
Independence model	.229	.097	.024	.089

Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Free Model	.924	.905	.939	.923	.938
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Free Model	.080	.076	.085	.000
Independence model	.289	.286	.293	.000

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Sample Correlations (Group number 1)

	DD	CC	BB	AA	TT	UU	VV	WW	XX	YY	ZZ	OO	PP	QQ	RR	SS	NN	MM	LL	KK	JJ	II	HH	GG	FF	EE
DD	1.00																									
CC	0.79	1.00																								
BB	0.80	0.83	1.00																							
AA	0.82	0.76	0.81	1.00																						
TT	0.75	0.73	0.74	0.73	1.00																					
UU	0.67	0.63	0.65	0.60	0.78	1.00																				
VV	0.60	0.56	0.54	0.56	0.67	0.71	1.00																			
WW	0.38	0.43	0.40	0.35	0.50	0.52	0.56	1.00																		
XX	0.58	0.59	0.56	0.52	0.63	0.70	0.70	0.64	1.00																	
YY	0.34	0.42	0.36	0.27	0.40	0.44	0.34	0.36	0.50	1.00																
ZZ	0.42	0.47	0.42	0.38	0.48	0.48	0.47	0.36	0.55	0.80	1.00															
OO	0.66	0.64	0.67	0.63	0.72	0.75	0.65	0.53	0.67	0.49	0.57	1.00														
PP	0.61	0.57	0.58	0.61	0.64	0.61	0.62	0.44	0.60	0.37	0.49	0.79	1.00													
QQ	0.62	0.55	0.59	0.57	0.61	0.64	0.58	0.47	0.64	0.43	0.54	0.79	0.74	1.00												
RR	0.58	0.55	0.56	0.55	0.62	0.57	0.65	0.42	0.62	0.48	0.57	0.72	0.78	0.74	1.00											
SS	0.54	0.48	0.46	0.46	0.57	0.58	0.60	0.44	0.63	0.41	0.48	0.61	0.62	0.67	0.69	1.00										
NN	0.58	0.56	0.55	0.54	0.63	0.62	0.58	0.51	0.67	0.54	0.56	0.76	0.68	0.71	0.66	0.61	1.00									
MM	0.62	0.61	0.59	0.57	0.63	0.61	0.60	0.50	0.64	0.42	0.53	0.73	0.61	0.67	0.60	0.57	0.78	1.00								
LL	0.61	0.67	0.65	0.60	0.69	0.70	0.62	0.55	0.66	0.46	0.48	0.76	0.66	0.63	0.62	0.56	0.76	0.73	1.00							
KK	0.63	0.66	0.59	0.54	0.61	0.61	0.56	0.53	0.63	0.54	0.53	0.69	0.61	0.64	0.63	0.55	0.78	0.72	0.74	1.00						
JJ	0.65	0.64	0.58	0.53	0.60	0.66	0.57	0.55	0.64	0.49	0.47	0.71	0.58	0.66	0.61	0.59	0.72	0.69	0.72	0.82	1.00					
II	0.60	0.61	0.60	0.54	0.62	0.66	0.56	0.45	0.61	0.53	0.59	0.73	0.61	0.65	0.64	0.60	0.66	0.65	0.64	0.68	0.67	1.00				
HH	0.58	0.65	0.64	0.54	0.65	0.70	0.56	0.52	0.63	0.59	0.59	0.73	0.59	0.60	0.59	0.53	0.66	0.62	0.72	0.68	0.69	0.75	1.00			
GG	0.62	0.70	0.62	0.55	0.62	0.65	0.53	0.40	0.63	0.57	0.59	0.66	0.57	0.60	0.58	0.51	0.63	0.62	0.65	0.64	0.65	0.70	0.74	1.00		
FF	0.61	0.68	0.66	0.57	0.65	0.66	0.53	0.46	0.66	0.42	0.44	0.68	0.58	0.57	0.53	0.53	0.62	0.63	0.71	0.64	0.68	0.66	0.73	0.73	1.00	
EE	0.79	0.75	0.74	0.68	0.74	0.67	0.56	0.42	0.58	0.45	0.47	0.66	0.61	0.58	0.57	0.53	0.63	0.62	0.69	0.66	0.67	0.69	0.67	0.70	0.70	1.00

Standardized Residual Covariances (Group number 1 - Free Model)

	DD	CC	BB	AA	TT	UU	VV	WW	XX	YY	ZZ	OO	PP	QQ	RR	SS	NN	MM	LL	KK	JJ	II	HH	GG	FF	EE
DD	0.77																									
CC	0.73	0.77																								
BB	0.50	0.79	0.57																							
AA	1.33	0.45	1.03	0.24																						
TT	1.54	0.78	0.86	-0.02	-0.13																					
UU	1.11	0.54	0.52	-0.18	-0.07	0.00																				
VV	0.65	-0.13	-0.78	-0.16	0.34	0.62	0.00																			
WW	-1.74	-0.39	-1.41	-2.11	-0.41	-0.30	1.40	0.00																		
XX	-0.47	0.00	-0.85	-1.38	-1.08	-0.15	0.95	-0.03	-0.01																	
YY	-1.67	0.25	-1.35	-2.37	-1.56	-1.10	-0.82	0.02	0.74	1.13																
ZZ	-0.99	0.32	-0.99	-1.62	-1.28	-1.34	-0.75	-0.86	0.34	0.72	-0.01															
OO	0.24	0.19	0.45	0.01	0.40	0.53	-0.46	-0.09	-0.58	0.18	0.73	0.00														
PP	0.90	0.36	0.17	1.07	0.49	-0.58	0.70	-0.67	-0.33	-0.41	0.31	-0.10	0.00													
QQ	0.51	-0.72	-0.28	-0.45	-0.81	-0.59	-0.86	-0.53	-0.15	-0.33	0.91	-0.07	0.47	0.00												
RR	0.45	0.03	-0.27	-0.17	0.17	-1.37	1.28	-1.05	0.09	1.35	2.11	-0.47	-0.10	1.04	-0.01											
SS	0.15	-0.95	-1.78	-1.46	-0.23	-0.30	0.90	0.10	1.05	0.29	0.72	-0.10	0.04	0.34	0.26	0.08										
NN	-0.77	-0.25	-1.52	-1.48	-0.56	-1.11	-1.07	0.33	0.24	2.04	1.29	0.49	0.54	0.53	0.35	-0.11	-0.18									
MM	0.81	0.86	0.04	0.00	0.15	-0.65	0.00	0.71	0.42	-0.12	1.14	0.55	-0.22	0.40	-0.19	-0.12	-0.08	0.00								
LL	-0.09	1.44	0.71	-0.14	0.83	0.50	-0.24	1.29	0.24	0.25	-0.46	0.52	0.15	-0.99	-0.55	-1.04	-0.19	-0.11	0.00							
KK	0.65	1.54	-0.30	-1.09	-0.55	-1.05	-1.20	0.92	-0.15	2.35	0.96	-0.50	-0.42	-0.64	0.07	-0.83	0.46	0.13	-0.10	0.00						
JJ	1.42	1.44	-0.33	-1.12	-0.47	0.29	-0.57	1.75	0.44	1.39	-0.34	0.05	-0.75	0.14	-0.21	-0.13	-0.31	-0.27	-0.22	0.00	0.00					
II	-0.13	0.31	-0.36	-1.12	0.01	0.47	-0.65	-0.43	-0.10	2.32	2.64	1.40	0.68	0.75	1.25	1.11	0.12	0.65	-0.35	0.82	0.84	0.00				
HH	-1.16	0.59	-0.05	-1.91	-0.02	0.55	-1.25	0.56	-0.37	2.02	2.08	0.67	-0.39	-0.82	-0.36	-0.81	-0.58	-0.65	0.66	0.20	0.61	0.00	0.00			
GG	0.17	0.74	0.07	-0.95	-0.06	0.23	-1.41	-1.47	0.24	2.63	2.63	-0.06	-0.22	-0.33	0.06	-0.71	-0.53	-0.13	-0.11	0.02	0.52	0.29	0.46	0.35		
FF	-0.13	1.73	0.81	-0.67	0.40	0.26	-1.43	-0.42	0.62	-0.39	-0.90	0.27	-0.15	-1.09	-1.15	-0.57	-1.03	0.01	0.94	-0.14	0.85	-0.75	0.14	0.83	0.00	
EE	0.92	1.72	0.93	1.84	2.51	0.66	-0.66	-1.01	-0.74	0.53	-0.04	0.10	0.62	-0.68	-0.15	-0.32	-0.63	0.00	0.77	0.52	0.94	0.12	0.14	0.36	0.23	0.19

Regression Weights: (Group number 1 - Free Model)

		Estimate	S.E.	C.R.	P	Label
Strategic_planning	<--- Leadership	.779	.038	20.505	***	par_22
LO	<--- Strategic_planning	.731	.051	14.376	***	par_24
LO	<--- Leadership	.118	.039	2.998	.003	par_43
Competency	<--- Leadership	.143	.041	3.473	***	par_23
Competency	<--- LO	.774	.087	8.864	***	par_26
Competency	<--- Strategic_planning	.144	.079	1.821	.069	par_45
Effectiveness	<--- Strategic_planning	.336	.076	4.399	***	par_25
Effectiveness	<--- Competency	.436	.073	5.990	***	par_27
Effectiveness	<--- Leadership	.105	.040	2.616	.009	par_44
Effectiveness	<--- LO	.146	.098	1.485	.137	par_46
EE	<--- Strategic_planning	1.000				
FF	<--- Strategic_planning	.964	.038	25.290	***	par_1
GG	<--- Strategic_planning	1.078	.043	25.203	***	par_2
HH	<--- Strategic_planning	1.117	.046	24.394	***	par_3
II	<--- Strategic_planning	1.015	.042	24.381	***	par_4
JJ	<--- LO	1.000				
KK	<--- LO	1.038	.031	33.914	***	par_5
LL	<--- LO	1.113	.040	27.617	***	par_6
MM	<--- LO	1.128	.045	25.228	***	par_7
NN	<--- LO	1.147	.042	27.308	***	par_8
SS	<--- Competency	1.000				
RR	<--- Competency	1.104	.048	22.827	***	par_9
QQ	<--- Competency	1.039	.046	22.462	***	par_10
PP	<--- Competency	1.072	.052	20.618	***	par_11
OO	<--- Competency	1.094	.050	21.881	***	par_12
ZZ	<--- Effectiveness	1.000				

		Estimate	S.E.	C.R.	P	Label
YY	<--- Effectiveness	.956	.043	22.088	***	par_13
XX	<--- Effectiveness	.841	.050	16.983	***	par_14
WW	<--- Effectiveness	.636	.047	13.468	***	par_15
VV	<--- Effectiveness	.952	.059	16.170	***	par_16
UU	<--- Effectiveness	.922	.054	17.082	***	par_17
TT	<--- Effectiveness	.995	.058	17.014	***	par_18
AA	<--- Leadership	1.000				
BB	<--- Leadership	.969	.032	30.462	***	par_19
CC	<--- Leadership	.907	.032	28.734	***	par_20
DD	<--- Leadership	1.000	.033	30.716	***	par_21

Standardized Regression Weights: (Group number 1 - Free Model)

		Estimate
Strategic_planning	<--- Leadership	.839
LO	<--- Strategic_planning	.790
LO	<--- Leadership	.137
Competency	<--- Leadership	.144
Competency	<--- LO	.673
Competency	<--- Strategic_planning	.136
Effectiveness	<--- Strategic_planning	.319
Effectiveness	<--- Competency	.440
Effectiveness	<--- Leadership	.107
Effectiveness	<--- LO	.128
EE	<--- Strategic_planning	.830
FF	<--- Strategic_planning	.839
GG	<--- Strategic_planning	.837
HH	<--- Strategic_planning	.866

		Estimate
II	<--- Strategic_planning	.826
JJ	<--- LO	.838
KK	<--- LO	.855
LL	<--- LO	.877
MM	<--- LO	.833
NN	<--- LO	.874
SS	<--- Competency	.764
RR	<--- Competency	.807
QQ	<--- Competency	.855
PP	<--- Competency	.812
OO	<--- Competency	.923
ZZ	<--- Effectiveness	.635
YY	<--- Effectiveness	.588
XX	<--- Effectiveness	.824
WW	<--- Effectiveness	.626
VV	<--- Effectiveness	.792
UU	<--- Effectiveness	.853
TT	<--- Effectiveness	.822
AA	<--- Leadership	.867
BB	<--- Leadership	.897
CC	<--- Leadership	.876
DD	<--- Leadership	.895

Variiances: (Group number 1 - Free Model)

	Estimate	S.E.	C.R.	P	Label
Leadership	.284	.021	13.337	***	
e37	.072	.006	11.754	***	
e38	.037	.004	8.567	***	
e36	.043	.005	7.847	***	
e39	.028	.005	5.883	***	
e10	.111	.007	14.886	***	
e11	.096	.006	15.051	***	
e12	.121	.008	15.069	***	
e13	.102	.008	13.274	***	
e14	.118	.008	14.751	***	
e15	.089	.006	14.852	***	
e16	.083	.006	14.508	***	
e17	.078	.006	14.034	***	
e18	.117	.008	14.754	***	
e19	.085	.006	13.822	***	
e20	.198	.013	15.111	***	
e21	.180	.012	15.511	***	
e22	.110	.007	14.791	***	
e23	.165	.011	14.357	***	
e24	.057	.005	10.465	***	
e25	.402	.024	16.630	***	
e26	.470	.027	17.085	***	
e27	.091	.006	14.852	***	
e28	.171	.010	16.578	***	
e29	.146	.010	15.374	***	
e30	.086	.006	13.940	***	

	Estimate	S.E.	C.R.	P	Label
e31	.129	.009	14.994	***	
e32	.094	.007	14.338	***	
e33	.065	.005	11.837	***	
e34	.071	.006	12.818	***	
e35	.071	.006	12.666	***	

Squared Multiple Correlations: (Group number 1 - Free Model)

	Estimate
Strategic_planning	.704
LO	.825
Competency	.845
Effectiveness	.897
DD	.800
CC	.768
BB	.805
AA	.752
TT	.675
UU	.728
VV	.628
WW	.392
XX	.678
YY	.346
ZZ	.404
OO	.853
PP	.659
QQ	.731
RR	.652

	Estimate
SS	.583
NN	.764
MM	.694
LL	.769
KK	.731
JJ	.702
II	.681
HH	.750
GG	.701
FF	.703
EE	.689

Standardized Total Effects (Group number 1 - Free Model)

	Leadership	Strategic planning	LO	Competency	Effectiveness
Strategic planning	.839	.000	.000	.000	.000
LO	.800	.790	.000	.000	.000
Competency	.796	.667	.673	.000	.000
Effectiveness	.827	.713	.424	.440	.000
DD	.895	.000	.000	.000	.000
CC	.876	.000	.000	.000	.000
BB	.897	.000	.000	.000	.000
AA	.867	.000	.000	.000	.000
TT	.680	.586	.349	.362	.822
UU	.706	.609	.362	.376	.853
VV	.656	.565	.336	.349	.792
WW	.518	.447	.266	.276	.626
XX	.682	.588	.349	.363	.824

	Leadership	Strategic_planning	LO	Competency	Effectiveness
YY	.487	.420	.250	.259	.588
ZZ	.526	.453	.270	.280	.635
OO	.735	.616	.621	.923	.000
PP	.646	.541	.546	.812	.000
QQ	.681	.571	.575	.855	.000
RR	.643	.539	.543	.807	.000
SS	.608	.510	.514	.764	.000
NN	.699	.691	.874	.000	.000
MM	.666	.658	.833	.000	.000
LL	.701	.693	.877	.000	.000
KK	.684	.675	.855	.000	.000
JJ	.670	.662	.838	.000	.000
II	.693	.826	.000	.000	.000
HH	.726	.866	.000	.000	.000
GG	.702	.837	.000	.000	.000
FF	.703	.839	.000	.000	.000
EE	.696	.830	.000	.000	.000

Standardized Direct Effects (Group number 1 - Free Model)

	Leadership	Strategic_planning	LO	Competency	Effectiveness
Strategic_planning	.839	.000	.000	.000	.000
LO	.137	.790	.000	.000	.000
Competency	.144	.136	.673	.000	.000
Effectiveness	.107	.319	.128	.440	.000
DD	.895	.000	.000	.000	.000
CC	.876	.000	.000	.000	.000
BB	.897	.000	.000	.000	.000

	Leadership	Strategic_planning	LO	Competency	Effectiveness
AA	.867	.000	.000	.000	.000
TT	.000	.000	.000	.000	.822
UU	.000	.000	.000	.000	.853
VV	.000	.000	.000	.000	.792
WW	.000	.000	.000	.000	.626
XX	.000	.000	.000	.000	.824
YY	.000	.000	.000	.000	.588
ZZ	.000	.000	.000	.000	.635
OO	.000	.000	.000	.923	.000
PP	.000	.000	.000	.812	.000
QQ	.000	.000	.000	.855	.000
RR	.000	.000	.000	.807	.000
SS	.000	.000	.000	.764	.000
NN	.000	.000	.874	.000	.000
MM	.000	.000	.833	.000	.000
LL	.000	.000	.877	.000	.000
KK	.000	.000	.855	.000	.000
JJ	.000	.000	.838	.000	.000
II	.000	.826	.000	.000	.000
HH	.000	.866	.000	.000	.000
GG	.000	.837	.000	.000	.000
FF	.000	.839	.000	.000	.000
EE	.000	.830	.000	.000	.000

Standardized Indirect Effects (Group number 1 - Free Model)

	Leadership	Strategic_planning	LO	Competency	Effectiveness
Strategic_planning	.000	.000	.000	.000	.000
LO	.663	.000	.000	.000	.000
Competency	.652	.532	.000	.000	.000
Effectiveness	.720	.395	.296	.000	.000
DD	.000	.000	.000	.000	.000
CC	.000	.000	.000	.000	.000
BB	.000	.000	.000	.000	.000
AA	.000	.000	.000	.000	.000
TT	.680	.586	.349	.362	.000
UU	.706	.609	.362	.376	.000
VV	.656	.565	.336	.349	.000
WW	.518	.447	.266	.276	.000
XX	.682	.588	.349	.363	.000
YY	.487	.420	.250	.259	.000
ZZ	.526	.453	.270	.280	.000
OO	.735	.616	.621	.000	.000
PP	.646	.541	.546	.000	.000
QQ	.681	.571	.575	.000	.000
RR	.643	.539	.543	.000	.000
SS	.608	.510	.514	.000	.000
NN	.699	.691	.000	.000	.000
MM	.666	.658	.000	.000	.000
LL	.701	.693	.000	.000	.000
KK	.684	.675	.000	.000	.000
JJ	.670	.662	.000	.000	.000

	Leadership	Strategic_planning	LO	Competency	Effectiveness
II	.693	.000	.000	.000	.000
HH	.726	.000	.000	.000	.000
GG	.702	.000	.000	.000	.000
FF	.703	.000	.000	.000	.000
EE	.696	.000	.000	.000	.000

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