

ภาคผนวก จ

โมเดลกระบวนการพัฒนาตามหลักพุทธจิตวิทยาเพื่อการตื่นรู้

โมเดลที่ ๑ กระบวนการพัฒนาตนตามหลักพุทธจิตวิทยาเพื่อการตื่นรู้

ที่มีกัลยาณมิตรในครูวิถีพุทธเป็นตัวแปรส่งผ่าน

DATE: 10/21/2017

TIME: 20:02

L I S R E L 8.72

BY

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The following lines were read from file C:\wi\BOONTHA.SPJ:

BOONTHA

553

SYSTEM FILE from file 'C:\wi\BOONTHA.dsfl

Sample Size = 553

Latent Variables FRI AWAKE DEV

Relationships

T = AWAKE

U = AWAKE

V = AWAKE

M = FRI

N = FRI

O = FRI

P = FRI

Q = FRI

R = FRI

S = FRI

I = DEV

J = DEV

K = DEV

L = DEV

AB = DEV

CDE = DEV

FGH = DEV

AWAKE = FRI

FRI = DEV

AWAKE = DEV

Set error covariance of FGH and AB free

Set error covariance of AB and L free

Set error covariance of V and S free

Set error covariance of N and M free

Set error covariance of V and AB free

Set error covariance of Q and P free

Set error covariance of O and N free

Set error covariance of L and I free

Set error covariance of FGH and I free

Set error covariance of V and R free

Set error covariance of S and R free

Set error covariance of V and P free

Set error covariance of V and J free

Set error covariance of L and V free

Set error covariance of V and O free

Set error covariance of V and Q free

Set error covariance of N and V free

Set error covariance of FGH and V free

Set error covariance of V and M free

Set error covariance of V and CDE free

Set error covariance of P and M free

Set error covariance of L and K free

Set error covariance of CDE and T free

Set error covariance of I and N free

Set error covariance of N and J free

Set error covariance of FGH and R free

Set error covariance of R and K free

Set error covariance of CDE and M free

Set error covariance of FGH and O free

Set error covariance of Q and M free

Set error covariance of J and I free

Set error covariance of CDE and AB free

Set error covariance of R and Q free

Set error covariance of Q and FGH free

Set error covariance of R and I free

Set error covariance of FGH and P free

Set error covariance of R and J free

Set error covariance of L and R free

Set error covariance of L and CDE free

Set error covariance of S and P free

Set error covariance of I and M free

Set error covariance of K and M free

Set error covariance of S and CDE free
Set error covariance of S and M free
Set error covariance of R and O free
Set error covariance of CDE and U free
Set error covariance of AB and P free
Set error covariance of U and P free
Set error covariance of T and P free
Set error covariance of CDE and FGH free
Set error covariance of L and O free
Set error covariance of CDE and P free
Set error covariance of L and M free
Set error covariance of AB and I free
Set error covariance of K and S free
Set error covariance of K and I free
Set error covariance of K and J free
Set error covariance of AB and J free
Set error covariance of CDE and J free
Set error covariance of S and O free
Set error covariance of AB and K free
Set error covariance of FGH and K free
Set error covariance of FGH and L free
Set error covariance of FGH and J free
Set error covariance of L and J free
Path Diagram
LISREL OUTPUT: ME=ML RS EF SS SE TV FS SC MI
End of Problem

BOONTHA

Covariance Matrix

	M	N	O	P	Q	R
M	7.62					
N	5.06	7.62				
O	4.12	5.87	7.62			
P	7.44	8.66	8.94	19.95		
Q	6.91	8.47	8.61	15.01	19.95	
R	6.17	7.96	8.60	12.95	13.40	19.95
S	5.26	7.73	8.31	11.71	12.07	13.03
T	0.35	0.36	0.34	0.47	0.52	0.39
U	0.37	0.41	0.37	0.50	0.54	0.44
V	2.60	3.66	3.91	5.52	5.42	5.84
I	1.07	0.87	1.02	1.66	1.39	1.67
J	2.57	2.45	2.94	4.91	4.20	4.85
K	2.79	2.80	2.70	4.55	3.98	4.81
L	1.56	1.58	1.73	2.77	2.31	2.74

AB	0.29	0.37	0.36	0.42	0.48	0.38
CDE	0.41	0.32	0.29	0.45	0.42	0.35
FGH	0.24	0.30	0.23	0.36	0.29	0.26

Covariance Matrix

	S	T	U	V	I	J
S	19.95					
T	0.48	0.35				
U	0.54	0.26	0.38			
V	6.60	0.82	0.89	6.56		
I	1.42	0.35	0.40	1.29	1.27	
J	4.30	0.81	0.99	2.87	1.74	9.64
K	4.34	0.77	0.86	3.04	1.72	4.43
L	2.22	0.49	0.57	1.76	0.96	3.51
AB	0.58	0.12	0.14	0.70	0.24	0.67
CDE	0.31	0.18	0.19	0.59	0.32	0.87
FGH	0.40	0.12	0.13	0.52	0.21	0.77

Covariance Matrix

	K	L	AB	CDE	FGH
K	8.45				
L	2.56	3.36			
AB	0.58	0.25	0.29		
CDE	0.71	0.62	0.13	0.34	
FGH	0.66	0.47	0.12	0.13	0.21

BETA

	FRI	AWAKE
FRI	--	--
AWAKE	0.02	--
(0.05)		
0.43		

GAMMA

	DEV
FRI	0.43

(0.06)
7.08

AWAKE 0.70
(0.08)
8.62

Covariance Matrix of ETA and KSI

	FRI	AWAKE	DEV
FRI	1.00		
AWAKE	0.32	1.00	
DEV	0.43	0.71	1.00

PHI

DEV

1.00

PSI

Note: This matrix is diagonal.

	FRI	AWAKE
	0.82	0.50
(0.11)	(0.08)	
	7.59	6.07

Squared Multiple Correlations for Structural Equations

	FRI	AWAKE
	0.18	0.50

Squared Multiple Correlations for Reduced Form

	FRI	AWAKE
	0.18	0.50

Reduced Form

DEV

FRI 0.43
(0.06)
7.08

AWAKE 0.71
(0.07)
10.70

Squared Multiple Correlations for Y - Variables

M	N	O	P	Q	R
0.40	0.70	0.73	0.70	0.65	0.56

Squared Multiple Correlations for Y - Variables

S	T	U	V
0.55	0.66	0.77	0.43

Squared Multiple Correlations for X - Variables

I	J	K	L	AB	CDE
0.85	0.71	0.65	0.67	0.46	0.28

Squared Multiple Correlations for X - Variables

FGH
0.55

Goodness of Fit Statistics

Degrees of Freedom = 51

Minimum Fit Function Chi-Square = 39.25 (P = 0.88)

Normal Theory Weighted Least Squares Chi-Square = 38.75 (P = 0.90)

Estimated Non-centrality Parameter (NCP) = 0.0

90 Percent Confidence Interval for NCP = (0.0 ; 4.45)

Minimum Fit Function Value = 0.071

Population Discrepancy Function Value (F0) = 0.0

90 Percent Confidence Interval for F0 = (0.0 ; 0.0081)

Root Mean Square Error of Approximation (RMSEA) = 0.0

90 Percent Confidence Interval for RMSEA = (0.0 ; 0.013)

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

Expected Cross-Validation Index (ECVI) = 0.46
 90 Percent Confidence Interval for ECVI = (0.46 ; 0.47)
 ECVI for Saturated Model = 0.55
 ECVI for Independence Model = 25.24

Chi-Square for Independence Model with 136 Degrees of Freedom = 13897.51

Independence AIC = 13931.51
 Model AIC = 242.75
 Saturated AIC = 306.00
 Independence CAIC = 14021.87
 Model CAIC = 784.92
 Saturated CAIC = 1119.25

Normed Fit Index (NFI) = 1.00
 Non-Normed Fit Index (NNFI) = 1.00
 Parsimony Normed Fit Index (PNFI) = 0.37
 Comparative Fit Index (CFI) = 1.00
 Incremental Fit Index (IFI) = 1.00
 Relative Fit Index (RFI) = 0.99

Critical N (CN) = 1089.54
 Root Mean Square Residual (RMR) = 0.25
 Standardized RMR = 0.025
 Goodness of Fit Index (GFI) = 0.99
 Adjusted Goodness of Fit Index (AGFI) = 0.98
 Parsimony Goodness of Fit Index (PGFI) = 0.33

Total and Indirect Effects

Total Effects of KSI on ETA

DEV

FRI 0.43
 (0.06)
 7.08

AWAKE 0.71
 (0.07)
 10.70

Indirect Effects of KSI on ETA

DEV

FRI --

AWAKE 0.01
(0.02)
0.44

Total Effects of ETA on ETA

	FRI	AWAKE
FRI	--	--
AWAKE	0.02	--

(0.05)
0.43

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

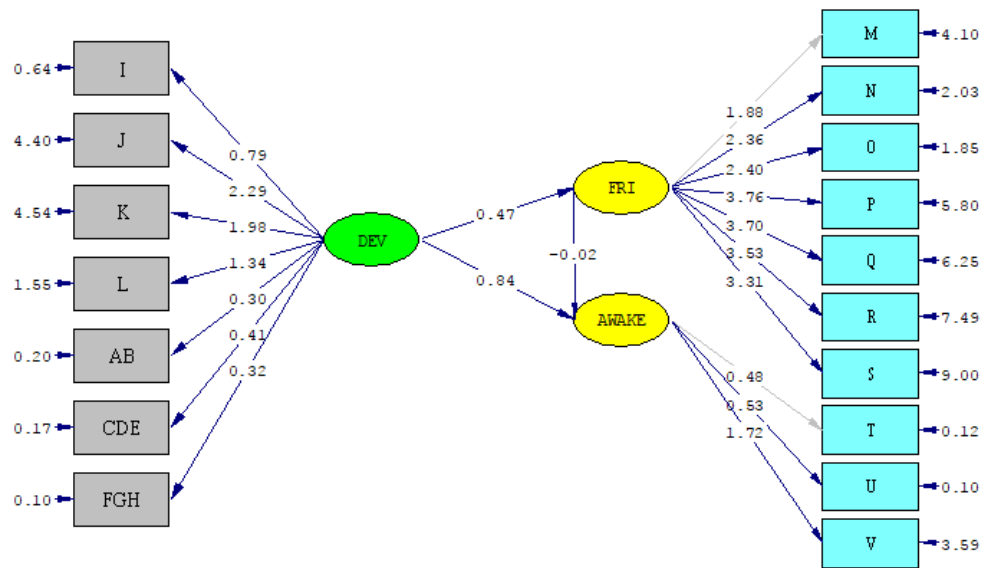
	DEV
FRI	0.43
AWAKE	0.71

Standardized Indirect Effects of KSI on ETA

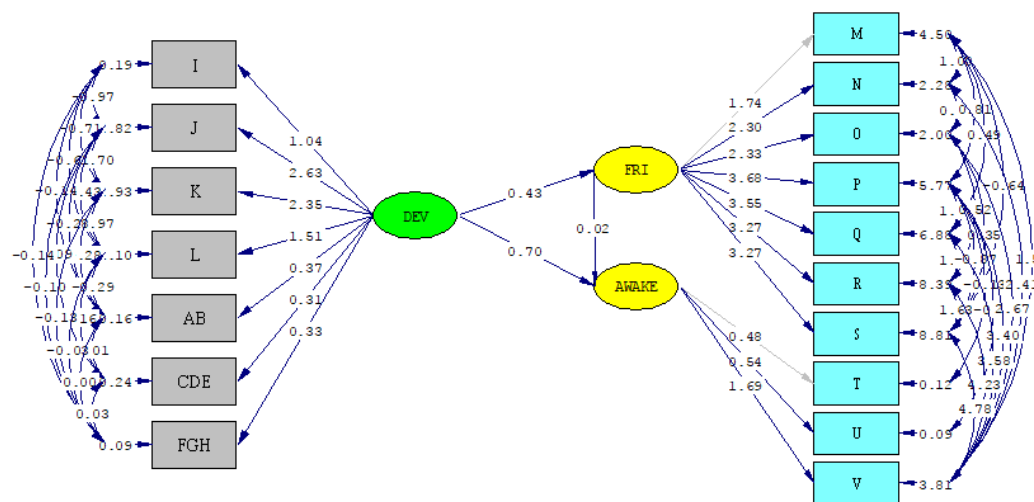
	DEV
FRI	--
AWAKE	0.01

Standardized Total Effects of ETA on ETA

	FRI	AWAKE
FRI	--	--
AWAKE	0.02	--



Chi-Square=762.52, df=116, P-value=0.00000, RMSEA=0.100



Chi-Square=38.75, df=51, P-value=0.89600, RMSEA=0.000

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โดยมีไตรสิกขาเป็นตัวแปรส่งผ่าน

DATE: 10/25/2017

TIME: 22:59

L I S R E L 8.72

BY

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The following lines were read from file C:\model2\MODEL2.SPJ:

model2

533

SYSTEM FILE from file 'C:\model2\MODEL2.dsf'

Sample Size = 553

Latent Variables TRI AWAKE DEV_ROGER

Relationships

T = AWAKE

U = AWAKE

V = AWAKE

AB = TRI

CDE = TRI

FGH = TRI

I = DEV_ROGER

J = DEV_ROGER

K = DEV_ROGER

L = DEV_ROGER

AWAKE = TRI

TRI = DEV_ROGER

AWAKE = DEV_ROGER

Set error covariance of AB and V free

Set error covariance of AB and L free

Set error covariance of L and I free

Set error covariance of I and FGH free
Set error covariance of T and CDE free
Set error covariance of FGH and U free
Set error covariance of FGH and AB free
Set error covariance of L and CDE free
Set error covariance of L and J free
Set error covariance of FGH and L free
!Set error covariance of FGH and T free
Set error covariance of K and U free
Set error covariance of FGH and T free
!Set error covariance of S and M free
!Set error covariance of B and F free
Path Diagram
LISREL OUTPUT: ME=ML RS EF SS SE TV FS SC MI
End of Problem

model2

Covariance Matrix

	T	U	V	AB	CDE	FGH
T	0.35					
U	0.26	0.38				
V	0.82	0.89	6.56			
AB	0.12	0.14	0.70	0.29		
CDE	0.18	0.19	0.59	0.13	0.34	
FGH	0.12	0.13	0.52	0.12	0.13	0.21
I	0.35	0.40	1.29	0.24	0.32	0.21
J	0.81	0.99	2.87	0.67	0.87	0.77
K	0.77	0.86	3.04	0.58	0.71	0.66
L	0.49	0.57	1.76	0.25	0.62	0.47

BETA

TRI AWAKE

TRI	--	--
AWAKE	0.87	--
(0.74)		
1.17		

GAMMA

DEV_ROGE

TRI	0.97
-----	------

(0.08)
12.75

AWAKE 0.01
(0.72)
0.01

Squared Multiple Correlations for Structural Equations

TRI	AWAKE
0.94	0.76

Squared Multiple Correlations for Reduced Form

TRI	AWAKE
0.94	0.71

Reduced Form

DEV_ROGE
TRI 0.97 (0.08) 12.75

AWAKE 0.84
(0.05)
17.10

THETA-EPS Squared Multiple Correlations for Y - Variables

T	U	V	AB	CDE	FGH
0.65	0.78	0.43	0.31	0.46	0.59

Squared Multiple Correlations for X - Variables

I	J	K	L
0.57	0.49	0.47	0.47

Goodness of Fit Statistics
Degrees of Freedom = 20

Minimum Fit Function Chi-Square = 18.82 (P = 0.53)

Normal Theory Weighted Least Squares Chi-Square = 18.97 (P = 0.52)

Estimated Non-centrality Parameter (NCP) = 0.0
 90 Percent Confidence Interval for NCP = (0.0 ; 13.24)

Minimum Fit Function Value = 0.034
 Population Discrepancy Function Value (F0) = 0.0
 90 Percent Confidence Interval for F0 = (0.0 ; 0.024)
 Root Mean Square Error of Approximation (RMSEA) = 0.0
 90 Percent Confidence Interval for RMSEA = (0.0 ; 0.035)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.16
 90 Percent Confidence Interval for ECVI = (0.16 ; 0.19)
 ECVI for Saturated Model = 0.20
 ECVI for Independence Model = 10.49

Chi-Square for Independence Model with 45 Degrees of Freedom = 5768.27

Independence AIC = 5788.27
 Model AIC = 88.97
 Saturated AIC = 110.00
 Independence CAIC = 5841.43
 Model CAIC = 275.01
 Saturated CAIC = 402.34

Normed Fit Index (NFI) = 1.00
 Non-Normed Fit Index (NNFI) = 1.00
 Parsimony Normed Fit Index (PNFI) = 0.44
 Comparative Fit Index (CFI) = 1.00
 Incremental Fit Index (IFI) = 1.00
 Relative Fit Index (RFI) = 0.99

Critical N (CN) = 1103.06
 Root Mean Square Residual (RMR) = 0.052
 Standardized RMR = 0.014
 Goodness of Fit Index (GFI) = 0.99
 Adjusted Goodness of Fit Index (AGFI) = 0.98
 Parsimony Goodness of Fit Index (PGFI) = 0.36

Total and Indirect Effects

Total Effects of KSI on ETA

DEV_ROGE

TRI 0.97
 (0.08)

12.75

AWAKE 0.84
(0.05)
17.10

Indirect Effects of KSI on ETA

DEV_ROGE

TRI --

AWAKE 0.84
(0.72)
1.17

Total Effects of ETA on ETA

TRI AWAKE

TRI -- --

AWAKE 0.87 --
(0.74)
1.17

Standardized Total Effects of KSI on ETA

DEV_ROGE

TRI 0.97

AWAKE 0.84

Standardized Indirect Effects of KSI on ETA

DEV_ROGE

TRI --

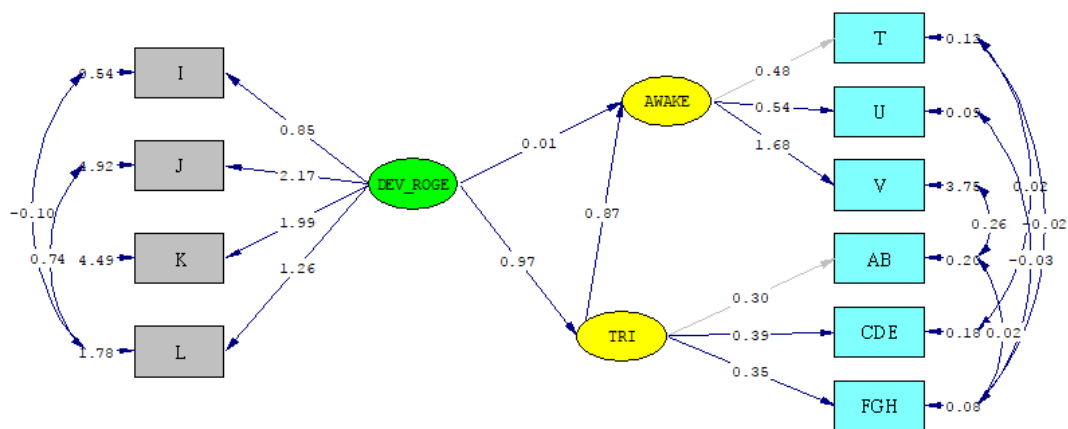
AWAKE 0.84

Standardized Total Effects of ETA on ETA

TRI AWAKE

TRI -- --

AWAKE 0.87 --



Chi-Square=18.97, df=20, P-value=0.52353, RMSEA=0.000