

C:\Users\ceacero\OneDrive - CZU v Praze\##Students\@Vlasakova\Trial ;

Analysis Summary

Date and Time

Date: 16 April 2024

Time: 20:35:20

Title

Trial 2.1: 16 April 2024 20:35

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 86

Variable Summary (Group number 1)

Your model contains the following variables (Grc

Observed, endogenous variables

KNO_Sel

KNO_Ans

TAL_Rec

TAL_Inv

TAL_Kno

SE_Chr

SE_Loc

SE_Edu

SE_Gen

SE_Age

ATT_Int

ATT_Vis

ATT_Imp

ATT_Mem

Unobserved, endogenous variables

Conservation_Knowledge
 TALARAK
 Unobserved, exogenous variables
 e1
 e2
 e3
 e4
 e5
 Socio_Economic
 e6
 e7
 e8
 e9
 e10
 Attitude
 e11
 e12
 e13
 e14

Variable counts (Group number 1)

Number of variables in your model: 32
 Number of observed variables: 14
 Number of unobserved variables: 18
 Number of exogenous variables: 16
 Number of endogenous variables: 16

Parameter Summary (Group number 1)

	Weights	Covariances
Fixed	20	0
Labeled	0	0
Unlabeled	13	1
Total	33	1

Models

Default model (Default model)

[Notes for Model \(Default model\)](#)

Computation of degrees of freedom (Default model)

Number of distinct sample moments: 119

Number of distinct parameters to be estimated: 44
 Degrees of freedom (119 - 44): 75

Result (Default model)

Minimum was achieved
 Chi-square = 131.880
 Degrees of freedom = 75
 Probability level = .000

Group number 1 (Group number 1 - Default model)

Estimates (Group number 1 - Default model)

Scalar Estimates (Group number 1 - Default model)

Maximum Likelihood Estimates

Regression Weights: (Group number 1 - Default model)

TALARAK	<---	Socio_Economic
TALARAK	<---	Attitude
Conservation_Knowledge	<---	Socio_Economic
Conservation_Knowledge	<---	Attitude
Conservation_Knowledge	<---	TALARAK
KNO_Sel	<---	Conservation_Knowledge
KNO_Ans	<---	Conservation_Knowledge
TAL_Rec	<---	TALARAK
TAL_Inv	<---	TALARAK
TAL_Kno	<---	TALARAK
SE_Chr	<---	Socio_Economic
SE_Loc	<---	Socio_Economic
SE_Edu	<---	Socio_Economic
SE_Gen	<---	Socio_Economic
SE_Age	<---	Socio_Economic
ATT_Int	<---	Attitude
ATT_Vis	<---	Attitude
ATT_Imp	<---	Attitude
ATT_Mem	<---	Attitude

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

TALARAK	<---	Socio_Economic
TALARAK	<---	Attitude
Conservation_Knowledge	<---	Socio_Economic
Conservation_Knowledge	<---	Attitude
Conservation_Knowledge	<---	TALARAK
KNO_Sel	<---	Conservation_Knowledge
KNO_Ans	<---	Conservation_Knowledge
TAL_Rec	<---	TALARAK
TAL_Inv	<---	TALARAK
TAL_Kno	<---	TALARAK
SE_Chr	<---	Socio_Economic
SE_Loc	<---	Socio_Economic
SE_Edu	<---	Socio_Economic
SE_Gen	<---	Socio_Economic
SE_Age	<---	Socio_Economic
ATT_Int	<---	Attitude
ATT_Vis	<---	Attitude
ATT_Imp	<---	Attitude
ATT_Mem	<---	Attitude

Intercepts: (Group number 1 - Default model)

KNO_Sel
KNO_Ans
TAL_Rec
TAL_Inv
TAL_Kno
SE_Chr
SE_Loc
SE_Edu
SE_Gen
SE_Age
ATT_Int
ATT_Vis
ATT_Imp
ATT_Mem

Covariances: (Group number 1 - Default model)

Attitude	<-->	Socio_Economic
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Correlations: (Group number 1 - Default model)

Attitude	<-->	Socio_Economic
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Variances: (Group number 1 - Default model)

Socio_Economic
Attitude
e1
e2
e3
e4
e5
e6
e7
e8
e9
e10
e11
e12
e13
e14

Squared Multiple Correlations: (Group number 1

ATT_Mem
ATT_Imp
ATT_Vis
ATT_Int
SE_Age
SE_Gen
SE_Edu
SE_Loc
SE_Chr
TAL_Kno
TAL_Inv
TAL_Rec
KNO_Ans
KNO_Sel

Matrices (Group number 1 - Default model)

Total Effects (Group number 1 - Default model)

	Socio_Economi c	Attitude
TALARAK	-3.896	4.578
Conservation_Knowledge	0	5.234
ATT_Mem	0	-0.436
ATT_Imp	0	0.485
ATT_Vis	0	2.345
ATT_Int	0	1
SE_Age	-122.147	0
SE_Gen	-0.386	0
SE_Edu	-4.703	0
SE_Loc	-2.921	0
SE_Chr	1	0
TAL_Kno	-0.155	0.183
TAL_Inv	-0.601	0.706
TAL_Rec	-3.896	4.578
KNO_Ans	0	-0.637
KNO_Sel	0	5.234

Standardized Total Effects (Group number 1 - De

	Socio_Economi c	Attitude
TALARAK	-0.318	1.082
Conservation_Knowledge	0	1
ATT_Mem	0	-0.299
ATT_Imp	0	0.113
ATT_Vis	0	0.399
ATT_Int	0	0.246
SE_Age	-0.834	0
SE_Gen	-0.066	0
SE_Edu	-0.585	0
SE_Loc	-0.463	0
SE_Chr	0.17	0
TAL_Kno	-0.019	0.066
TAL_Inv	-0.083	0.282
TAL_Rec	-0.191	0.65
KNO_Ans	0	-0.043
KNO_Sel	0	0.67

Direct Effects (Group number 1 - Default model)

	Socio_Economi c	Attitude
TALARAK	-3.896	4.578
Conservation_Knowledge	0	5.234
ATT_Mem	0	-0.436
ATT_Imp	0	0.485
ATT_Vis	0	2.345
ATT_Int	0	1

SE_Age	-122.147	0
SE_Gen	-0.386	0
SE_Edu	-4.703	0
SE_Loc	-2.921	0
SE_Chr	1	0
TAL_Kno	0	0
TAL_Inv	0	0
TAL_Rec	0	0
KNO_Ans	0	0
KNO_Sel	0	0

Standardized Direct Effects (Group number 1 - Default model)

	Socio_Economic	Attitude
TALARAK	-0.318	1.082
Conservation_Knowledge	0	1
ATT_Mem	0	-0.299
ATT_Imp	0	0.113
ATT_Vis	0	0.399
ATT_Int	0	0.246
SE_Age	-0.834	0
SE_Gen	-0.066	0
SE_Edu	-0.585	0
SE_Loc	-0.463	0
SE_Chr	0.17	0
TAL_Kno	0	0
TAL_Inv	0	0
TAL_Rec	0	0
KNO_Ans	0	0
KNO_Sel	0	0

Indirect Effects (Group number 1 - Default model)

	Socio_Economic	Attitude
TALARAK	0	0
Conservation_Knowledge	0	0
ATT_Mem	0	0
ATT_Imp	0	0
ATT_Vis	0	0
ATT_Int	0	0
SE_Age	0	0
SE_Gen	0	0
SE_Edu	0	0
SE_Loc	0	0
SE_Chr	0	0
TAL_Kno	-0.155	0.183
TAL_Inv	-0.601	0.706
TAL_Rec	-3.896	4.578

KNO_Ans	0	-0.637
KNO_Sel	0	5.234

Standardized Indirect Effects (Group number 1 - |

	Socio_Economi c	Attitude
TALARAK	0	0
Conservation_Knowledge	0	0
ATT_Mem	0	0
ATT_Imp	0	0
ATT_Vis	0	0
ATT_Int	0	0
SE_Age	0	0
SE_Gen	0	0
SE_Edu	0	0
SE_Loc	0	0
SE_Chr	0	0
TAL_Kno	-0.019	0.066
TAL_Inv	-0.083	0.282
TAL_Rec	-0.191	0.65
KNO_Ans	0	-0.043
KNO_Sel	0	0.67

Minimization History (Default model)

Iteration	Negative eigenvalues	
0	e	5
1	e	2
2	e	2
3	e	2
4	e	1
5	e	1
6	e	0
7	e	0
8	e	0
9	e	0
10	e	0
11	e	0
12	e	0
13	e	0
14	e	0
15	e	0
16	e	0
17	e	0
18	e	0

Model Fit Summary

CMIN

Model	NPAR	CMIN
Default model	44	131.88
Saturated model	119	0
Independence model	14	208.974

Baseline Comparisons

Model	NFI Delta1	RFI rho1
Default model	0.369	0.116
Saturated model	1	
Independence model	0	0

Parsimony-Adjusted Measures

Model	PRATIO	PNFI
Default model	0.714	0.264
Saturated model	0	0
Independence model	1	0

NCP

Model	NCP	LO 90
Default model	56.88	28.782
Saturated model	0	0
Independence model	103.974	66.663

FMIN

Model	FMIN	F0
Default model	1.552	0.669
Saturated model	0	0
Independence model	2.459	1.223

RMSEA

Model	RMSEA	LO 90
Default model	0.094	0.067
Independence model	0.108	0.086

AIC

Model	AIC	BCC
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Default model	219.88	238.737
Saturated model	238	289
Independence model	236.974	242.974

ECVI

Model	ECVI	LO 90
Default model	2.587	2.256
Saturated model	2.8	2.8
Independence model	2.788	2.349

HOELTER

Model	HOELTER 0.05	HOELTER 0.01
Default model	63	69
Independence model	53	58

Execution time summary

Minimization:	0.083
Miscellaneous:	0.369
Bootstrap:	0
Total:	0.452

2.1.amw

rup number 1)

Variances	Means	Intercepts	Total
0	16	2	38
0	0	0	0
16	0	14	44
16	16	16	82

lel)

d)

e)

model)

Estimate	S.E.	C.R.	P	Label
-3.896	4.225	-0.922	0.356	
4.578	2.755	1.662	0.097	
0				
5.234	3.028	1.729	0.084	
0				
1				
-0.122	0.38	-0.32	0.749	
1				
0.154	0.09	1.722	0.085	
0.04	0.092	0.435	0.664	
1				
-2.921	2.263	-1.291	0.197	
-4.703	3.562	-1.32	0.187	
-0.386	0.794	-0.486	0.627	
-122.147	93.483	-1.307	0.191	
1				
2.345	1.474	1.59	0.112	
0.485	0.636	0.763	0.445	
-0.436	0.303	-1.437	0.151	

er 1 - Default model)

Estimate
-0.318
1.082
0
1
0
0.67
-0.043
0.601
0.261
0.061
0.17
-0.463
-0.585
-0.066
-0.834
0.246
0.399
0.113
-0.299

Estimate	S.E.	C.R.	P	Label
7.566	0.193	39.3	***	
8.976	0.362	24.8	***	
9.157	0.174	52.776	***	
0.313	0.062	5.083	***	
1.133	0.068	16.64	***	
0.711	0.05	14.201	***	
0.386	0.054	7.174	***	
2.602	0.068	38.033	***	
0.289	0.05	5.777	***	
26.723	1.247	21.425	***	
9.554	0.1	95.251	***	
2.036	0.145	14.055	***	
9.771	0.106	92.092	***	
0.12	0.036	3.352	***	

Estimate	S.E.	C.R.	P	Label
0.007	0.007	0.98	0.327	

Estimate
0.394

Estimate	S.E.	C.R.	P	Label
0.006	0.009	0.675	0.5	
0.05	0.054	0.918	0.359	
1.677	0.482	3.479	***	
10.726	1.676	6.398	***	
1.578	0.407	3.878	***	
0.29	0.047	6.117	***	
0.379	0.059	6.39	***	
0.2	0.031	6.343	***	
0.186	0.033	5.67	***	
0.252	0.054	4.679	***	
0.205	0.032	6.396	***	
38.828	24.864	1.562	0.118	
0.776	0.125	6.198	***	
1.448	0.25	5.783	***	
0.912	0.143	6.363	***	
0.097	0.016	6.087	***	

- Default model)

Estimate
0.089
0.013
0.159
0.06
0.696
0.004
0.343
0.214
0.029
0.004
0.068
0.361
0.002
0.448

DF	P	CMIN/DF
75	0	1.758
0		
105	0	1.99

IFI Delta2	TLI rho2	CFI
0.575	0.234	0.453
1		1
0	0	0

PCFI
0.324
0
0

HI 90
92.832
0
149.072

LO 90	HI 90
0.339	1.092
0	0
0.784	1.754

HI 90	PCLOSE
0.121	0.006
0.129	0

BIC	CAIC
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HI 90	MECVI
3.01	2.809
2.8	3.4
3.318	2.859