

ภาคผนวก ข

โมเดลความสัมพันธ์เชิงสาเหตุปัจจัยทางสังคมที่ส่งผลกระทบต่อวัฒนธรรมชุมชน
ที่ปรับเป็นโมเดลประหยัด

DATE: 9/25/2011
TIME: 17:45

L I S R E L 8.72

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file
L:\data\datalisrel\modelculture3_2Terror.spj:

Raw Data from file 'L:\data\datalisrel\datathesis.psf'
Latent Variables political commu Geo edu social religion Economic
population Psychometric culture
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A3 = political
A4 = political
A5 = political
A6 = political
A7 = political
A8 = political
B1 = commu
B2 = commu
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B4 = commu
B5 = commu
B6 = commu
B7 = 1.00*commu
B8 = commu
C1 = Geo
C2 = Geo
C3 = Geo
C4 = Geo
C5 = Geo
C6 = Geo
C7 = Geo
C8 = Geo
C9 = 1.00*Geo
D1 = 1.00*edu
D2 = edu
D3 = edu
D4 = edu
D5 = edu
D6 = edu

E1 = social
E2 = social
E3 = social

E4 = social
E5 = social
E6 = social
E7 = social
E8 = 1.00*social
E9 = social
E10 = social
E11 = social
E12 = social
E13 = social
F1 = religion
F2 = religion
F3 = religion
F4 = religion
F5 = religion
F6 = 1.00*religion
F7 = religion
F8 = religion
F9 = religion
F10 = religion
F11 = religion
F12 = religion
G1 = Economic
G2 = Economic
G3 = Economic
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G6 = Economic
G7 = 1.00*Economic
G8 = Economic
G9 = Economic
G10 = Economic
H1 = population
H2 = population
H3 = population
H4 = population
H5 = 1.00*population
H6 = population
I1 = Psychometric
I2 = Psychometric
I3 = Psychometric
I4 = Psychometric
I5 = Psychometric
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I7 = Psychometric
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I9 = Psychometric
I10 = Psychometric
I11 = Psychometric
I12 = 1.00*Psychometric
I13 = Psychometric
I14 = Psychometric
I15 = Psychometric
I16 = Psychometric
J1 = culture
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J11 = culture
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J27 = culture
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population = Geo
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Set Error Covariance of	D4	C6
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Set Error Covariance of	I1	G6
Set Error Covariance of	I2	D1
Set Error Covariance of	I13	G2
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Set Error Covariance of	J15	H5
Set Error Covariance of	J17	G9
Set Error Covariance of	J20	E4
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Set Error Covariance of	J21	C7
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 Set Error Covariance of I14 I12
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 Lisrel output: EF SS
 Path Diagram
 End of Problem

BETA

	Geo	edu	social	Economic	populati	Psychome
Geo	- -	- -	- -	- -	- -	- -
edu	- -	- -	- -	- -	- -	- -
social	- -	0.27 (0.05) 5.01	- -	0.08 (0.04) 2.09	0.17 (0.04) 4.39	- -

Economic	- -	- -	- -	- -	- -	-0.89 (0.29) -3.11
populati	0.91 (0.08) 10.81	- -	- -	- -	- -	- -
Psychome	- -	-0.37 (0.04) -9.50	- -	- -	- -	- -
culture	-0.22 (0.08) -2.63	- -	0.19 (0.09) 2.25	-0.33 (0.09) -3.70	- -	1.50 (0.11) 13.21

GAMMA

	politica	commu	religion
Geo	-0.20 (0.07) -2.92	1.61 (0.22) 7.20	- -
edu	- -	1.62 (0.19) 8.41	- -
social	0.24 (0.05) 5.31	- -	0.17 (0.02) 7.02
Economic	- -	1.06 (0.18) 5.77	- -
populati	- -	- -	- -
Psychome	- -	- -	0.13 (0.03) 5.28
culture	0.23 (0.08) 2.96	- -	- -

Covariance Matrix of ETA and KSI

	Geo	edu	social	Economic	populati	Psychome
Geo	0.20					
edu	0.18	0.30				
social	0.14	0.20	0.22			
Economic	0.16	0.21	0.17	0.32		
populati	0.12	0.17	0.15	0.16	0.24	
Psychome	-0.04	-0.05	-0.04	-0.11	-0.04	0.10
culture	-0.10	-0.11	-0.08	-0.23	-0.08	0.18
politica	0.13	0.17	0.15	0.16	0.12	-0.05
commu	0.11	0.14	0.11	0.12	0.10	-0.04
religion	0.16	0.17	0.17	0.12	0.14	-0.01

Covariance Matrix of ETA and KSI

	culture	politica	commu	religion
culture	0.54			
politica	-0.08	0.22		
commu	-0.07	0.11	0.08	
religion	-0.04	0.08	0.11	0.41

PHI

politica	commu	religion
----------	-------	----------

politica	0.22 (0.03) 8.76					
commu	0.11 (0.01) 7.44	0.08 (0.02) 4.50				
religion	0.08 (0.01) 6.26	0.11 (0.01) 7.28	0.41 (0.03) 12.91			
PSI						
	Geo	edu	social	Economic	populati	Psychome
Geo	0.05 (0.01) 4.83					
edu	- -	0.08 (0.01) 5.92				
social	- -	- -	0.06 (0.01) 7.79			
Economic	- -	0.02 (0.01) 2.84	- -	0.11 (0.02) 5.10		
populati	-0.07 (0.01) -6.19	- -	- -	0.02 (0.01) 2.33	0.19 (0.02) 7.89	
Psychome	0.01 (0.00) 1.24	0.04 (0.01) 4.71	- -	0.03 (0.03) 1.30	- -	0.10
culture	- -	- -	- -	- -	- -	- -

PSI

culture	
culture	0.21 (0.02) 10.13

Squared Multiple Correlations for Structural Equations

Geo	edu	social	Economic	populati	Psychome
0.77	0.73	0.74	0.64	0.20	0.04

Squared Multiple Correlations for Structural Equations

culture	
0.61	

Squared Multiple Correlations for Y - Variables

C1	C2	C3	C4	C5	C6
0.31	0.35	0.32	0.30	0.35	0.33

Squared Multiple Correlations for Y - Variables

C7	C8	C9	D1	D2	D3
-----	-----	-----	-----	-----	-----
0.32	0.22	0.33	0.48	0.47	0.46

Squared Multiple Correlations for Y - Variables

D4	D5	D6	E1	E2	E3
-----	-----	-----	-----	-----	-----
0.31	0.33	0.36	0.40	0.33	0.42

Squared Multiple Correlations for Y - Variables

E4	E5	E6	E7	E8	E9
-----	-----	-----	-----	-----	-----
0.46	0.54	0.33	0.31	0.36	0.14

Squared Multiple Correlations for Y - Variables

E10	E11	E12	E13	G1	G2
-----	-----	-----	-----	-----	-----
0.34	0.25	0.37	0.42	0.18	0.16

Squared Multiple Correlations for Y - Variables

G3	G4	G5	G6	G7	G8
-----	-----	-----	-----	-----	-----
0.37	0.25	0.29	0.18	0.26	0.43

Squared Multiple Correlations for Y - Variables

G9	G10	H1	H2	H3	H4
-----	-----	-----	-----	-----	-----
0.36	0.27	0.38	0.44	0.45	0.53

Squared Multiple Correlations for Y - Variables

H5	H6	I1	I2	I3	I4
-----	-----	-----	-----	-----	-----
0.37	0.45	0.28	0.15	0.43	0.25

Squared Multiple Correlations for Y - Variables

I5	I6	I7	I8	I9	I10
-----	-----	-----	-----	-----	-----
0.19	0.41	0.32	0.16	0.10	0.22

Squared Multiple Correlations for Y - Variables

I11	I12	I13	I14	I15	I16
-----	-----	-----	-----	-----	-----
0.34	0.12	0.36	0.34	0.42	0.42

Squared Multiple Correlations for Y - Variables

J1	J2	J3	J4	J5	J6
-----	-----	-----	-----	-----	-----
0.28	0.35	0.38	0.28	0.22	0.39

Squared Multiple Correlations for Y - Variables

J7	J8	J9	J10	J11	J12
-----	-----	-----	-----	-----	-----
0.34	0.34	0.38	0.38	0.50	0.54

Squared Multiple Correlations for Y - Variables

J13	J14	J15	J16	J17	J18
-----	-----	-----	-----	-----	-----
0.49	0.46	0.46	0.26	0.29	0.37

Squared Multiple Correlations for Y - Variables

J19	J20	J21	J22	J23	J24
-----	-----	-----	-----	-----	-----
0.42	0.28	0.34	0.21	0.34	0.42

Squared Multiple Correlations for Y - Variables

J25	J26	J27	J28	J29	J30
-----	-----	-----	-----	-----	-----
0.48	0.17	0.18	0.40	0.35	0.42

Squared Multiple Correlations for Y - Variables

J31

0.39

Squared Multiple Correlations for X - Variables

A2	A3	A4	A5	A6	A7
-----	-----	-----	-----	-----	-----
0.36	0.38	0.52	0.40	0.44	0.06

Squared Multiple Correlations for X - Variables

A8	B1	B2	B3	B4	B5
-----	-----	-----	-----	-----	-----
0.45	0.22	0.22	0.07	0.19	0.29

Squared Multiple Correlations for X - Variables

B6	B7	B8	F1	F2	F3
-----	-----	-----	-----	-----	-----
0.16	0.10	0.13	0.43	0.38	0.39

Squared Multiple Correlations for X - Variables

F4	F5	F6	F7	F8	F9
-----	-----	-----	-----	-----	-----
0.50	0.53	0.62	0.58	0.48	0.46

Squared Multiple Correlations for X - Variables

F10	F11	F12
-----	-----	-----
0.49	0.51	0.40

Goodness of Fit Statistics

Degrees of Freedom = 6238

Minimum Fit Function Chi-Square = 10632.05 (P = 0.0)

Normal Theory Weighted Least Squares Chi-Square = 11118.82 (P = 0.0)

Estimated Non-centrality Parameter (NCP) = 4880.82
 90 Percent Confidence Interval for NCP = (4590.25 ; 5178.97)

Minimum Fit Function Value = 13.31
 Population Discrepancy Function Value (F0) = 6.11
 90 Percent Confidence Interval for F0 = (5.74 ; 6.48)
 Root Mean Square Error of Approximation (RMSEA) = 0.031
 90 Percent Confidence Interval for RMSEA = (0.030 ; 0.032)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 15.88
 90 Percent Confidence Interval for ECVI = (15.51 ; 16.25)
 ECVI for Saturated Model = 17.57
 ECVI for Independence Model = 343.02

Chi-Square for Independence Model with 6903 Degrees of Freedom =
 273839.43

Independence AIC = 274075.43
 Model AIC = 12684.82
 Saturated AIC = 14042.00
 Independence CAIC = 274746.21
 Model CAIC = 17135.87
 Saturated CAIC = 53953.66

Normed Fit Index (NFI) = 0.96
 Non-Normed Fit Index (NNFI) = 0.98
 Parsimony Normed Fit Index (PNFI) = 0.87
 Comparative Fit Index (CFI) = 0.98
 Incremental Fit Index (IFI) = 0.98
 Relative Fit Index (RFI) = 0.96

Critical N (CN) = 489.54

Root Mean Square Residual (RMR) = 0.063
 Standardized RMR = 0.073
 Goodness of Fit Index (GFI) = 0.81
 Adjusted Goodness of Fit Index (AGFI) = 0.79
 Parsimony Goodness of Fit Index (PGFI) = 0.72

Standardized Solution

LAMBDA-Y

	Geo	edu	social	Economic	populati	Psychome
	-----	-----	-----	-----	-----	-----
C1	0.40	- -	- -	- -	- -	- -
C2	0.45	- -	- -	- -	- -	- -
C3	0.50	- -	- -	- -	- -	- -
C4	0.44	- -	- -	- -	- -	- -
C5	0.54	- -	- -	- -	- -	- -
C6	0.61	- -	- -	- -	- -	- -
C7	0.51	- -	- -	- -	- -	- -
C8	0.41	- -	- -	- -	- -	- -
C9	0.45	- -	- -	- -	- -	- -
D1	- -	0.55	- -	- -	- -	- -
D2	- -	0.55	- -	- -	- -	- -
D3	- -	0.56	- -	- -	- -	- -
D4	- -	0.46	- -	- -	- -	- -
D5	- -	0.50	- -	- -	- -	- -
D6	- -	0.52	- -	- -	- -	- -
E1	- -	- -	0.51	- -	- -	- -
E2	- -	- -	0.45	- -	- -	- -

E3	--	--	0.52	--	--	--
E4	--	--	0.55	--	--	--
E5	--	--	0.58	--	--	--
E6	--	--	0.46	--	--	--
E7	--	--	0.40	--	--	--
E8	--	--	0.47	--	--	--
E9	--	--	0.36	--	--	--
E10	--	--	0.48	--	--	--
E11	--	--	0.38	--	--	--
E12	--	--	0.49	--	--	--
E13	--	--	0.50	--	--	--
G1	--	--	--	0.46	--	--
G2	--	--	--	0.45	--	--
G3	--	--	--	0.61	--	--
G4	--	--	--	0.41	--	--
G5	--	--	--	0.58	--	--
G6	--	--	--	0.36	--	--
G7	--	--	--	0.56	--	--
G8	--	--	--	0.57	--	--
G9	--	--	--	0.47	--	--
G10	--	--	--	0.53	--	--
H1	--	--	--	--	0.52	--
H2	--	--	--	--	0.55	--
H3	--	--	--	--	0.53	--
H4	--	--	--	--	0.62	--
H5	--	--	--	--	0.49	--
H6	--	--	--	--	0.54	--
I1	--	--	--	--	--	0.49
I2	--	--	--	--	--	0.34
I3	--	--	--	--	--	0.63
I4	--	--	--	--	--	0.48
I5	--	--	--	--	--	0.43
I6	--	--	--	--	--	0.68
I7	--	--	--	--	--	0.62
I8	--	--	--	--	--	0.39
I9	--	--	--	--	--	0.27
I10	--	--	--	--	--	0.43
I11	--	--	--	--	--	0.59
I12	--	--	--	--	--	0.32
I13	--	--	--	--	--	0.56
I14	--	--	--	--	--	0.58
I15	--	--	--	--	--	0.73
I16	--	--	--	--	--	0.75

LAMBDA-Y

culture

J1	0.48
J2	0.50
J3	0.56
J4	0.45
J5	0.42
J6	0.65
J7	0.59
J8	0.55
J9	0.58
J10	0.58
J11	0.69
J12	0.74
J13	0.66
J14	0.73
J15	0.69
J16	0.49
J17	0.46

J18	0.71
J19	0.61
J20	0.53
J21	0.50
J22	0.40
J23	0.52
J24	0.64
J25	0.70
J26	0.45
J27	0.47
J28	0.65
J29	0.64
J30	0.68
J31	0.63

LAMBDA-X

	politica	commu	religion
	-----	-----	-----
A2	0.47	- -	- -
A3	0.49	- -	- -
A4	0.61	- -	- -
A5	0.55	- -	- -
A6	0.60	- -	- -
A7	0.23	- -	- -
A8	0.57	- -	- -
B1	- -	0.39	- -
B2	- -	0.42	- -
B3	- -	0.25	- -
B4	- -	0.46	- -
B5	- -	0.50	- -
B6	- -	0.42	- -
B7	- -	0.29	- -
B8	- -	0.34	- -
F1	- -	- -	0.53
F2	- -	- -	0.50
F3	- -	- -	0.50
F4	- -	- -	0.58
F5	- -	- -	0.61
F6	- -	- -	0.64
F7	- -	- -	0.63
F8	- -	- -	0.57
F9	- -	- -	0.54
F10	- -	- -	0.59
F11	- -	- -	0.61
F12	- -	- -	0.49

BETA

	Geo	edu	social	Economic	populati	Psychome
	-----	-----	-----	-----	-----	-----
Geo	- -	- -	- -	- -	- -	- -
edu	- -	- -	- -	- -	- -	- -
social	- -	0.32	- -	0.10	0.18	- -
Economic	- -	- -	- -	- -	- -	-0.51
populati	0.84	- -	- -	- -	- -	- -
Psychome	- -	-0.63	- -	- -	- -	- -
culture	-0.13	- -	0.12	-0.25	- -	0.66

GAMMA

	politica	commu	religion
Geo	-0.21	1.03	- -
edu	- -	0.85	- -
social	0.25	- -	0.24
Economic	- -	0.54	- -
populati	- -	- -	- -
Psychome	- -	- -	0.26
culture	0.14	- -	- -

Correlation Matrix of ETA and KSI

	Geo	edu	social	Economic	populati	Psychome
Geo	1.00					
edu	0.74	1.00				
social	0.67	0.78	1.00			
Economic	0.62	0.69	0.65	1.00		
populati	0.54	0.62	0.67	0.59	1.00	
Psychome	-0.29	-0.29	-0.29	-0.59	-0.24	1.00
culture	-0.31	-0.27	-0.22	-0.55	-0.22	0.76
politica	0.61	0.67	0.68	0.61	0.51	-0.35
commu	0.87	0.85	0.81	0.74	0.73	-0.38
religion	0.54	0.49	0.58	0.34	0.45	-0.05

Correlation Matrix of ETA and KSI

	culture	politica	commu	religion
culture	1.00			
politica	-0.24	1.00		
commu	-0.34	0.79	1.00	
religion	-0.08	0.28	0.58	1.00

PSI

	Geo	edu	social	Economic	populati	Psychome
Geo	0.23					
edu	- -	0.27				
social	- -	- -	0.26			
Economic	- -	0.08	- -	0.36		
populati	-0.30	- -	- -	0.07	0.80	
Psychome	0.04	0.21	- -	0.18	- -	0.96
culture	- -	- -	- -	- -	- -	- -

PSI

culture	
culture	0.39

Regression Matrix ETA on KSI (Standardized)

	politica	commu	religion
Geo	-0.21	1.03	- -
edu	- -	0.85	- -
social	0.21	0.51	0.23
Economic	- -	0.82	-0.13
populati	-0.17	0.87	- -

Psychome	- -	-0.53	0.26
culture	0.20	-0.63	0.23

Total and Indirect Effects

Total Effects of KSI on ETA

	politica	commu	religion
	-----	-----	-----
Geo	-0.20 (0.07) -2.92	1.61 (0.22) 7.20	- -
edu	- -	1.62 (0.19) 8.41	- -
social	0.21 (0.05) 4.48	0.82 (0.12) 6.67	0.16 (0.02) 6.64
Economic	- -	1.59 (0.22) 7.17	-0.12 (0.04) -2.87
populati	-0.18 (0.06) -2.92	1.47 (0.21) 7.14	- -
Psychome	- -	-0.60 (0.09) -6.96	0.13 (0.03) 5.28
culture	0.31 (0.08) 3.83	-1.61 (0.24) -6.61	0.27 (0.05) 5.48

Indirect Effects of KSI on ETA

	politica	commu	religion
	-----	-----	-----
Geo	- -	- -	- -
edu	- -	- -	- -
social	-0.03 (0.01) -2.44	0.82 (0.12) 6.67	-0.01 (0.01) -1.71
Economic	- -	0.53 (0.18) 2.90	-0.12 (0.04) -2.87
populati	-0.18 (0.06) -2.92	1.47 (0.21) 7.14	- -
Psychome	- -	-0.60 (0.09) -6.96	- -
culture	0.08	-1.61	0.27

(0.03)	(0.24)	(0.05)
2.67	-6.61	5.48

Total Effects of ETA on ETA

	Geo	edu	social	Economic	populati	Psychome
Geo	---	---	---	---	---	---
edu	---	---	---	---	---	---
social	0.16 (0.04) 4.25	0.29 (0.05) 5.76	---	0.08 (0.04) 2.09	0.17 (0.04) 4.39	-0.07 (0.04) -1.75
Economic	---	0.33 (0.11) 3.03	---	---	---	-0.89 (0.29) -3.11
populati	0.91 (0.08) 10.81	---	---	---	---	---
Psychome	---	-0.37 (0.04) -9.50	---	---	---	---
culture	-0.19 (0.08) -2.36	-0.60 (0.09) -6.83	0.19 (0.09) 2.25	-0.31 (0.09) -3.64	-0.03 (0.02) 2.05	1.78 (0.14) 13.07

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	politica	commu	religion
Geo	-0.21	1.03	---
edu	---	0.85	---
social	0.21	0.51	0.23
Economic	---	0.82	-0.13
populati	-0.17	0.87	---
Psychome	---	-0.53	0.26
culture	0.20	-0.63	0.23

Standardized Indirect Effects of KSI on ETA

	politica	commu	religion
Geo	---	---	---
edu	---	---	---
social	-0.03	0.51	-0.01
Economic	---	0.27	-0.13
populati	-0.17	0.87	---

Psychome	- -	-0.53	- -
culture	0.05	-0.63	0.23

Standardized Total Effects of ETA on ETA

	Geo	edu	social	Economic	populati	Psychome
-----	-----	-----	-----	-----	-----	-----
Geo	- -	- -	- -	- -	- -	- -
edu	- -	- -	- -	- -	- -	- -
social	0.15	0.35	- -	0.10	0.18	-0.05
Economic	- -	0.32	- -	- -	- -	-0.51
populati	0.84	- -	- -	- -	- -	- -
Psychome	- -	-0.63	- -	- -	- -	- -
culture	-0.12	-0.45	0.12	-0.24	0.02	0.78

Standardized Indirect Effects of ETA on ETA

	Geo	edu	social	Economic	populati	Psychome
-----	-----	-----	-----	-----	-----	-----
Geo	- -	- -	- -	- -	- -	- -
edu	- -	- -	- -	- -	- -	- -
social	0.15	0.03	- -	- -	- -	-0.05
Economic	- -	0.32	- -	- -	- -	- -
populati	- -	- -	- -	- -	- -	- -
Psychome	- -	- -	- -	- -	- -	- -
culture	0.02	-0.45	- -	0.01	0.02	0.12

Standardized Total Effects of ETA on Y

	Geo	edu	social	Economic	populati	Psychome
-----	-----	-----	-----	-----	-----	-----
C1	0.40	- -	- -	- -	- -	- -
C2	0.45	- -	- -	- -	- -	- -
C3	0.50	- -	- -	- -	- -	- -
C4	0.44	- -	- -	- -	- -	- -
C5	0.54	- -	- -	- -	- -	- -
C6	0.61	- -	- -	- -	- -	- -
C7	0.51	- -	- -	- -	- -	- -
C8	0.41	- -	- -	- -	- -	- -
C9	0.45	- -	- -	- -	- -	- -
D1	- -	0.55	- -	- -	- -	- -
D2	- -	0.55	- -	- -	- -	- -
D3	- -	0.56	- -	- -	- -	- -
D4	- -	0.46	- -	- -	- -	- -
D5	- -	0.50	- -	- -	- -	- -
D6	- -	0.52	- -	- -	- -	- -
E1	0.08	0.18	0.51	0.05	0.09	-0.03
E2	0.07	0.16	0.45	0.04	0.08	-0.02
E3	0.08	0.18	0.52	0.05	0.10	-0.03
E4	0.09	0.19	0.55	0.05	0.10	-0.03
E5	0.09	0.20	0.58	0.06	0.11	-0.03
E6	0.07	0.16	0.46	0.04	0.08	-0.02
E7	0.06	0.14	0.40	0.04	0.07	-0.02
E8	0.07	0.16	0.47	0.05	0.09	-0.02
E9	0.05	0.12	0.36	0.04	0.07	-0.02
E10	0.07	0.17	0.48	0.05	0.09	-0.02
E11	0.06	0.13	0.38	0.04	0.07	-0.02
E12	0.08	0.17	0.49	0.05	0.09	-0.02
E13	0.08	0.17	0.50	0.05	0.09	-0.03
G1	- -	0.15	- -	0.46	- -	-0.23
G2	- -	0.14	- -	0.45	- -	-0.23

G3	- -	0.20	- -	0.61	- -	-0.31
G4	- -	0.13	- -	0.41	- -	-0.21
G5	- -	0.18	- -	0.58	- -	-0.29
G6	- -	0.12	- -	0.36	- -	-0.19
G7	- -	0.18	- -	0.56	- -	-0.29
G8	- -	0.18	- -	0.57	- -	-0.29
G9	- -	0.15	- -	0.47	- -	-0.24
G10	- -	0.17	- -	0.53	- -	-0.27
H1	0.44	- -	- -	- -	0.52	- -
H2	0.47	- -	- -	- -	0.55	- -
H3	0.45	- -	- -	- -	0.53	- -
H4	0.52	- -	- -	- -	0.62	- -
H5	0.41	- -	- -	- -	0.49	- -
H6	0.45	- -	- -	- -	0.54	- -
I1	- -	-0.31	- -	- -	- -	0.49
I2	- -	-0.22	- -	- -	- -	0.34
I3	- -	-0.40	- -	- -	- -	0.63
I4	- -	-0.30	- -	- -	- -	0.48
I5	- -	-0.27	- -	- -	- -	0.43
I6	- -	-0.43	- -	- -	- -	0.68
I7	- -	-0.39	- -	- -	- -	0.62
I8	- -	-0.25	- -	- -	- -	0.39
I9	- -	-0.17	- -	- -	- -	0.27
I10	- -	-0.27	- -	- -	- -	0.43
I11	- -	-0.37	- -	- -	- -	0.59
I12	- -	-0.20	- -	- -	- -	0.32
I13	- -	-0.35	- -	- -	- -	0.56
I14	- -	-0.37	- -	- -	- -	0.58
I15	- -	-0.46	- -	- -	- -	0.73
I16	- -	-0.47	- -	- -	- -	0.75
J1	-0.06	-0.22	0.06	-0.12	0.01	0.38
J2	-0.06	-0.22	0.06	-0.12	0.01	0.39
J3	-0.07	-0.25	0.07	-0.13	0.01	0.44
J4	-0.05	-0.20	0.05	-0.11	0.01	0.35
J5	-0.05	-0.19	0.05	-0.10	0.01	0.32
J6	-0.08	-0.29	0.08	-0.16	0.01	0.51
J7	-0.07	-0.27	0.07	-0.14	0.01	0.46
J8	-0.06	-0.25	0.07	-0.13	0.01	0.43
J9	-0.07	-0.26	0.07	-0.14	0.01	0.45
J10	-0.07	-0.26	0.07	-0.14	0.01	0.45
J11	-0.08	-0.31	0.08	-0.16	0.02	0.53
J12	-0.09	-0.33	0.09	-0.18	0.02	0.57
J13	-0.08	-0.30	0.08	-0.16	0.01	0.52
J14	-0.08	-0.33	0.09	-0.17	0.02	0.57
J15	-0.08	-0.31	0.08	-0.17	0.02	0.54
J16	-0.06	-0.22	0.06	-0.12	0.01	0.38
J17	-0.05	-0.20	0.06	-0.11	0.01	0.35
J18	-0.08	-0.32	0.09	-0.17	0.02	0.55
J19	-0.07	-0.27	0.07	-0.15	0.01	0.47
J20	-0.06	-0.24	0.06	-0.13	0.01	0.41
J21	-0.06	-0.23	0.06	-0.12	0.01	0.39
J22	-0.05	-0.18	0.05	-0.10	0.01	0.31
J23	-0.06	-0.23	0.06	-0.12	0.01	0.41
J24	-0.07	-0.29	0.08	-0.15	0.01	0.50
J25	-0.08	-0.32	0.09	-0.17	0.02	0.55
J26	-0.05	-0.20	0.05	-0.11	0.01	0.35
J27	-0.06	-0.21	0.06	-0.11	0.01	0.37
J28	-0.08	-0.29	0.08	-0.16	0.01	0.51
J29	-0.07	-0.29	0.08	-0.15	0.01	0.50
J30	-0.08	-0.30	0.08	-0.16	0.01	0.53
J31	-0.07	-0.28	0.08	-0.15	0.01	0.49

Standardized Total Effects of ETA on Y

culture

J1	0.48
J2	0.50
J3	0.56
J4	0.45
J5	0.42
J6	0.65
J7	0.59
J8	0.55
J9	0.58
J10	0.58
J11	0.69
J12	0.74
J13	0.66
J14	0.73
J15	0.69
J16	0.49
J17	0.46
J18	0.71
J19	0.61
J20	0.53
J21	0.50
J22	0.40
J23	0.52
J24	0.64
J25	0.70
J26	0.45
J27	0.47
J28	0.65
J29	0.64
J30	0.68
J31	0.63

Standardized Indirect Effects of ETA on Y

	Geo	edu	social	Economic	populati	Psychome
	-----	-----	-----	-----	-----	-----
E1	0.08	0.18	- -	0.05	0.09	-0.03
E2	0.07	0.16	- -	0.04	0.08	-0.02
E3	0.08	0.18	- -	0.05	0.10	-0.03
E4	0.09	0.19	- -	0.05	0.10	-0.03
E5	0.09	0.20	- -	0.06	0.11	-0.03
E6	0.07	0.16	- -	0.04	0.08	-0.02
E7	0.06	0.14	- -	0.04	0.07	-0.02
E8	0.07	0.16	- -	0.05	0.09	-0.02
E9	0.05	0.12	- -	0.04	0.07	-0.02
E10	0.07	0.17	- -	0.05	0.09	-0.02
E11	0.06	0.13	- -	0.04	0.07	-0.02
E12	0.08	0.17	- -	0.05	0.09	-0.02
E13	0.08	0.17	- -	0.05	0.09	-0.03
G1	- -	0.15	- -	- -	- -	-0.23
G2	- -	0.14	- -	- -	- -	-0.23
G3	- -	0.20	- -	- -	- -	-0.31
G4	- -	0.13	- -	- -	- -	-0.21
G5	- -	0.18	- -	- -	- -	-0.29
G6	- -	0.12	- -	- -	- -	-0.19
G7	- -	0.18	- -	- -	- -	-0.29
G8	- -	0.18	- -	- -	- -	-0.29
G9	- -	0.15	- -	- -	- -	-0.24
G10	- -	0.17	- -	- -	- -	-0.27
H1	0.44	- -	- -	- -	- -	- -

H2	0.47	- -	- -	- -	- -	- -
H3	0.45	- -	- -	- -	- -	- -
H4	0.52	- -	- -	- -	- -	- -
H5	0.41	- -	- -	- -	- -	- -
H6	0.45	- -	- -	- -	- -	- -
I1	- -	-0.31	- -	- -	- -	- -
I2	- -	-0.22	- -	- -	- -	- -
I3	- -	-0.40	- -	- -	- -	- -
I4	- -	-0.30	- -	- -	- -	- -
I5	- -	-0.27	- -	- -	- -	- -
I6	- -	-0.43	- -	- -	- -	- -
I7	- -	-0.39	- -	- -	- -	- -
I8	- -	-0.25	- -	- -	- -	- -
I9	- -	-0.17	- -	- -	- -	- -
I10	- -	-0.27	- -	- -	- -	- -
I11	- -	-0.37	- -	- -	- -	- -
I12	- -	-0.20	- -	- -	- -	- -
I13	- -	-0.35	- -	- -	- -	- -
I14	- -	-0.37	- -	- -	- -	- -
I15	- -	-0.46	- -	- -	- -	- -
I16	- -	-0.47	- -	- -	- -	- -
J1	-0.06	-0.22	0.06	-0.12	0.01	0.38
J2	-0.06	-0.22	0.06	-0.12	0.01	0.39
J3	-0.07	-0.25	0.07	-0.13	0.01	0.44
J4	-0.05	-0.20	0.05	-0.11	0.01	0.35
J5	-0.05	-0.19	0.05	-0.10	0.01	0.32
J6	-0.08	-0.29	0.08	-0.16	0.01	0.51
J7	-0.07	-0.27	0.07	-0.14	0.01	0.46
J8	-0.06	-0.25	0.07	-0.13	0.01	0.43
J9	-0.07	-0.26	0.07	-0.14	0.01	0.45
J10	-0.07	-0.26	0.07	-0.14	0.01	0.45
J11	-0.08	-0.31	0.08	-0.16	0.02	0.53
J12	-0.09	-0.33	0.09	-0.18	0.02	0.57
J13	-0.08	-0.30	0.08	-0.16	0.01	0.52
J14	-0.08	-0.33	0.09	-0.17	0.02	0.57
J15	-0.08	-0.31	0.08	-0.17	0.02	0.54
J16	-0.06	-0.22	0.06	-0.12	0.01	0.38
J17	-0.05	-0.20	0.06	-0.11	0.01	0.35
J18	-0.08	-0.32	0.09	-0.17	0.02	0.55
J19	-0.07	-0.27	0.07	-0.15	0.01	0.47
J20	-0.06	-0.24	0.06	-0.13	0.01	0.41
J21	-0.06	-0.23	0.06	-0.12	0.01	0.39
J22	-0.05	-0.18	0.05	-0.10	0.01	0.31
J23	-0.06	-0.23	0.06	-0.12	0.01	0.41
J24	-0.07	-0.29	0.08	-0.15	0.01	0.50
J25	-0.08	-0.32	0.09	-0.17	0.02	0.55
J26	-0.05	-0.20	0.05	-0.11	0.01	0.35
J27	-0.06	-0.21	0.06	-0.11	0.01	0.37
J28	-0.08	-0.29	0.08	-0.16	0.01	0.51
J29	-0.07	-0.29	0.08	-0.15	0.01	0.50
J30	-0.08	-0.30	0.08	-0.16	0.01	0.53
J31	-0.07	-0.28	0.08	-0.15	0.01	0.49

Standardized Total Effects of KSI on Y

	politica	commu	religion
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C1	-0.08	0.41	- -
C2	-0.09	0.46	- -
C3	-0.10	0.51	- -
C4	-0.09	0.46	- -
C5	-0.11	0.56	- -
C6	-0.13	0.63	- -

C7	-0.10	0.52	- -
C8	-0.08	0.42	- -
C9	-0.09	0.46	- -
D1	- -	0.47	- -
D2	- -	0.47	- -
D3	- -	0.47	- -
D4	- -	0.39	- -
D5	- -	0.43	- -
D6	- -	0.44	- -
E1	0.11	0.26	0.12
E2	0.10	0.23	0.10
E3	0.11	0.27	0.12
E4	0.12	0.28	0.12
E5	0.13	0.30	0.13
E6	0.10	0.23	0.10
E7	0.09	0.20	0.09
E8	0.10	0.24	0.11
E9	0.08	0.18	0.08
E10	0.10	0.24	0.11
E11	0.08	0.19	0.09
E12	0.11	0.25	0.11
E13	0.11	0.25	0.11
G1	- -	0.37	-0.06
G2	- -	0.37	-0.06
G3	- -	0.50	-0.08
G4	- -	0.34	-0.06
G5	- -	0.47	-0.08
G6	- -	0.30	-0.05
G7	- -	0.46	-0.08
G8	- -	0.46	-0.08
G9	- -	0.39	-0.06
G10	- -	0.43	-0.07
H1	-0.09	0.46	- -
H2	-0.10	0.48	- -
H3	-0.09	0.46	- -
H4	-0.11	0.54	- -
H5	-0.08	0.42	- -
H6	-0.09	0.47	- -
I1	- -	-0.26	0.13
I2	- -	-0.18	0.09
I3	- -	-0.34	0.17
I4	- -	-0.26	0.13
I5	- -	-0.23	0.11
I6	- -	-0.36	0.18
I7	- -	-0.33	0.16
I8	- -	-0.21	0.10
I9	- -	-0.15	0.07
I10	- -	-0.23	0.11
I11	- -	-0.32	0.15
I12	- -	-0.17	0.08
I13	- -	-0.30	0.15
I14	- -	-0.31	0.15
I15	- -	-0.39	0.19
I16	- -	-0.40	0.20
J1	0.10	-0.31	0.11
J2	0.10	-0.31	0.12
J3	0.11	-0.36	0.13
J4	0.09	-0.28	0.10
J5	0.08	-0.26	0.10
J6	0.13	-0.41	0.15
J7	0.12	-0.37	0.14
J8	0.11	-0.35	0.13
J9	0.11	-0.36	0.13
J10	0.12	-0.37	0.14

J11	0.14	-0.43	0.16
J12	0.15	-0.47	0.17
J13	0.13	-0.42	0.15
J14	0.14	-0.46	0.17
J15	0.14	-0.44	0.16
J16	0.10	-0.31	0.11
J17	0.09	-0.29	0.11
J18	0.14	-0.45	0.17
J19	0.12	-0.39	0.14
J20	0.10	-0.33	0.12
J21	0.10	-0.32	0.12
J22	0.08	-0.25	0.09
J23	0.10	-0.33	0.12
J24	0.13	-0.40	0.15
J25	0.14	-0.44	0.16
J26	0.09	-0.28	0.10
J27	0.09	-0.30	0.11
J28	0.13	-0.41	0.15
J29	0.13	-0.40	0.15
J30	0.13	-0.43	0.16
J31	0.13	-0.40	0.15

Time used: 142.609 Seconds

Structural Equations

Geo = - 0.20*politica + 1.61*commu, Errorvar.= 0.047, R^2 = 0.77
 (0.068) (0.22) (0.0098) 4.83
 -2.92 7.20

edu = 1.62*commu, Errorvar.= 0.083, R^2 = 0.73
 (0.19) (0.014) 5.92
 8.41

social = 0.27*edu + 0.082*Economic + 0.17*populati + 0.24*politica + 0.17*religion, Errorvar.= 0.057, R^2 = 0.74
 (0.053) (0.039) (0.040) (0.046) (0.025) (0.0073)
 5.01 2.09 4.39 5.31 7.02 7.79

Economic = - 0.89*Psychome + 1.06*commu, Errorvar.= 0.11, R^2 = 0.64
 (0.29) (0.18) (0.023) 5.10
 -3.11 5.77

populati = 0.91*Geo, Errorvar.= 0.19, R^2 = 0.20
 (0.085) (0.024) 7.89
 10.81

Psychome = - 0.37*edu + 0.13*religion, Errorvar.= 0.10, R^2 = 0.038
 (0.039) (0.025) 5.28
 -9.50

culture = - 0.22*Geo+ 0.19*social - 0.33*Economic + 1.50*Psychome+0.23*politica, Errorvar.= 0.21, R^2 = 0.61
 (0.084) (0.085) (0.089) (0.11) (0.076) (0.021)
 -2.63 2.25 -3.70 13.21 2.96 10.13