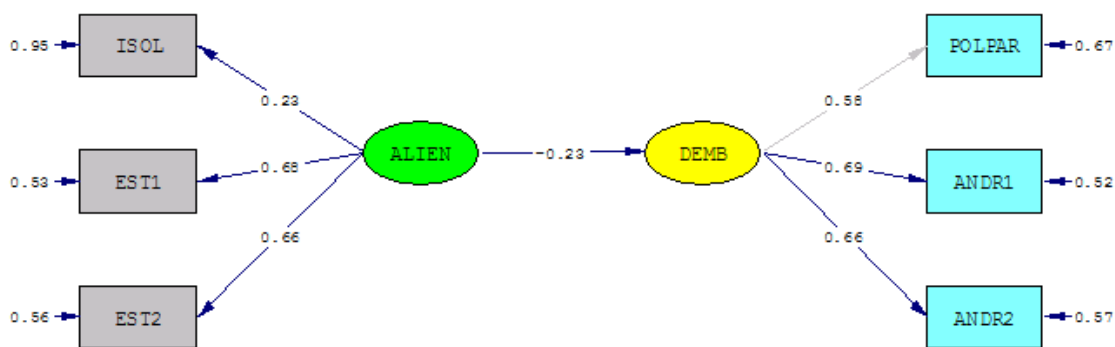


ภาคผนวก จ

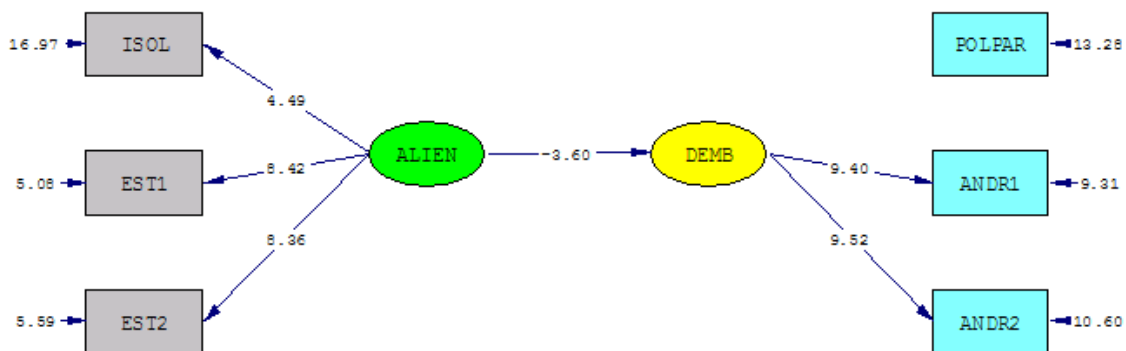
ความสัมพันธ์ทางตรง เฉพาะ ตัวแปรแฝงใกล้ขีด

1. ความสัมพันธ์ ระหว่าง ความรู้สึกแปลกแยก กับ พฤติกรรมแบบ
 ประชาธิปไตย



Chi-Square=4.02, df=8, P-value=0.85503, RMSEA=0.000

Standardized Solution



Chi-Square=4.02, df=8, P-value=0.85503, RMSEA=0.000

t-value

Structural Equations

DEMB = - 0.23*ALIEN, Errorvar.= 0.95 , R^2 = 0.051
 (0.063) (0.16)
 -3.60 6.11

Goodness of Fit Statistics

Degrees of Freedom = 8
 Minimum Fit Function Chi-Square = 4.02 (P = 0.86)
 Normal Theory Weighted Least Squares Chi-Square = 4.02 (P = 0.86)
 Estimated Non-centrality Parameter (NCP) = 0.0
 90 Percent Confidence Interval for NCP = (0.0 ; 3.30)

Minimum Fit Function Value = 0.0066
 Population Discrepancy Function Value (F0) = 0.0
 90 Percent Confidence Interval for F0 = (0.0 ; 0.0054)
 Root Mean Square Error of Approximation (RMSEA) = 0.0
 90 Percent Confidence Interval for RMSEA = (0.0 ; 0.026)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.055
 90 Percent Confidence Interval for ECVI = (0.055 ; 0.061)
 ECVI for Saturated Model = 0.069
 ECVI for Independence Model = 0.85

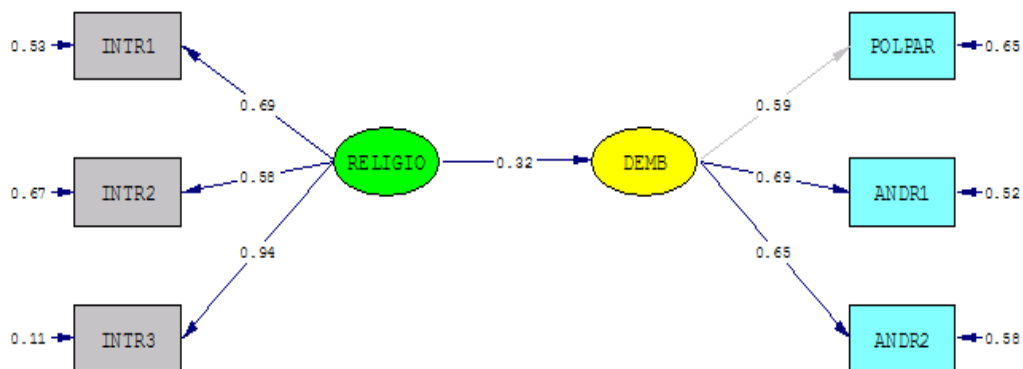
Chi-Square for Independence Model with 15 Degrees of Freedom = 509.56
 Independence AIC = 521.56
 Model AIC = 30.02
 Saturated AIC = 42.00
 Independence CAIC = 554.08
 Model CAIC = 100.48
 Saturated CAIC = 155.82

Normed Fit Index (NFI) = 0.99
 Non-Normed Fit Index (NNFI) = 1.02
 Parsimony Normed Fit Index (PNFI) = 0.53
 Comparative Fit Index (CFI) = 1.00
 Incremental Fit Index (IFI) = 1.01
 Relative Fit Index (RFI) = 0.99

Critical N (CN) = 3062.72

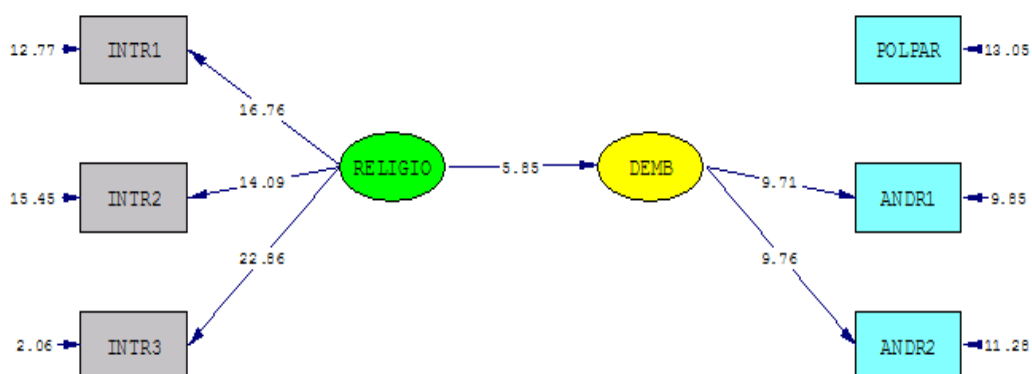
Root Mean Square Residual (RMR) = 0.048
 Standardized RMR = 0.013
 Goodness of Fit Index (GFI) = 1.00
 Adjusted Goodness of Fit Index (AGFI) = 0.99
 Parsimony Goodness of Fit Index (PGFI) = 0.38

2. ความสัมพันธ์ ระหว่าง ความเคร่งศาสนา กับ พฤติกรรมแบบประชาธิปไตย



Chi-Square=14.99, df=8, P-value=0.05930, RMSEA=0.038

Standardized Solution



Chi-Square=14.99, df=8, P-value=0.05930, RMSEA=0.038

t-value

Structural Equations

$$\begin{matrix} \text{DEMB} = 0.32 * \text{RELIGIO}, & \text{Errorvar.} = 0.90, & R^2 = 0.10 \\ & (0.055) & (0.14) \\ & 5.85 & 6.30 \end{matrix}$$

Goodness of Fit Statistics

Degrees of Freedom = 8
 Minimum Fit Function Chi-Square = 15.21 (P = 0.055)
 Normal Theory Weighted Least Squares Chi-Square = 14.99 (P = 0.059)

Estimated Non-centrality Parameter (NCP) = 6.99
90 Percent Confidence Interval for NCP = (0.0 ; 21.99)

Minimum Fit Function Value = 0.025
Population Discrepancy Function Value (F0) = 0.011
90 Percent Confidence Interval for F0 = (0.0 ; 0.036)
Root Mean Square Error of Approximation (RMSEA) = 0.038
90 Percent Confidence Interval for RMSEA = (0.0 ; 0.067)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.72

Expected Cross-Validation Index (ECVI) = 0.067
90 Percent Confidence Interval for ECVI = (0.055 ; 0.091)
ECVI for Saturated Model = 0.069
ECVI for Independence Model = 1.62

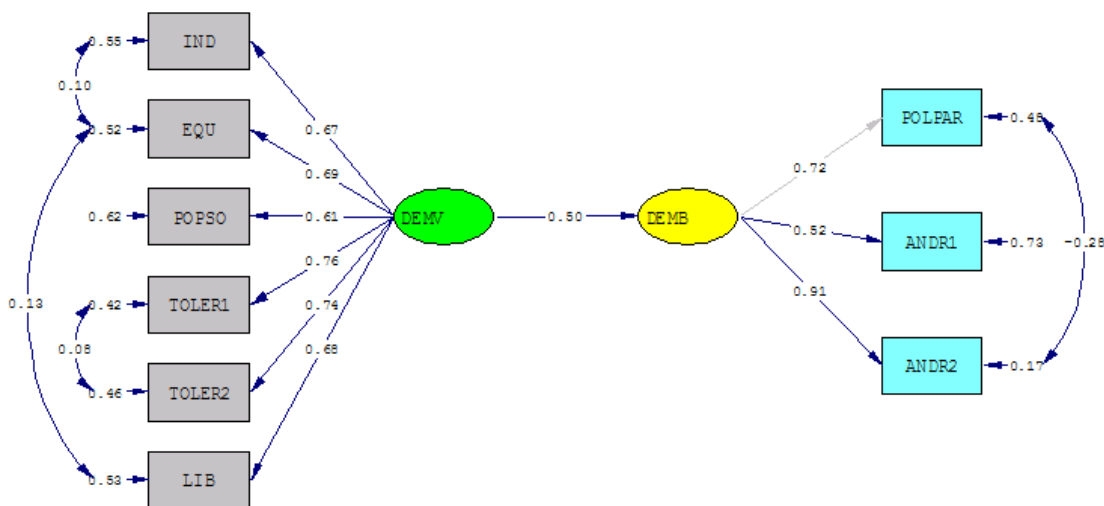
Chi-Square for Independence Model with 15 Degrees of Freedom = 981.36
Independence AIC = 993.36
Model AIC = 40.99
Saturated AIC = 42.00
Independence CAIC = 1025.88
Model CAIC = 111.45
Saturated CAIC = 155.82

Normed Fit Index (NFI) = 0.98
Non-Normed Fit Index (NNFI) = 0.99
Parsimony Normed Fit Index (PNFI) = 0.53
Comparative Fit Index (CFI) = 0.99
Incremental Fit Index (IFI) = 0.99
Relative Fit Index (RFI) = 0.97

Critical N (CN) = 810.76

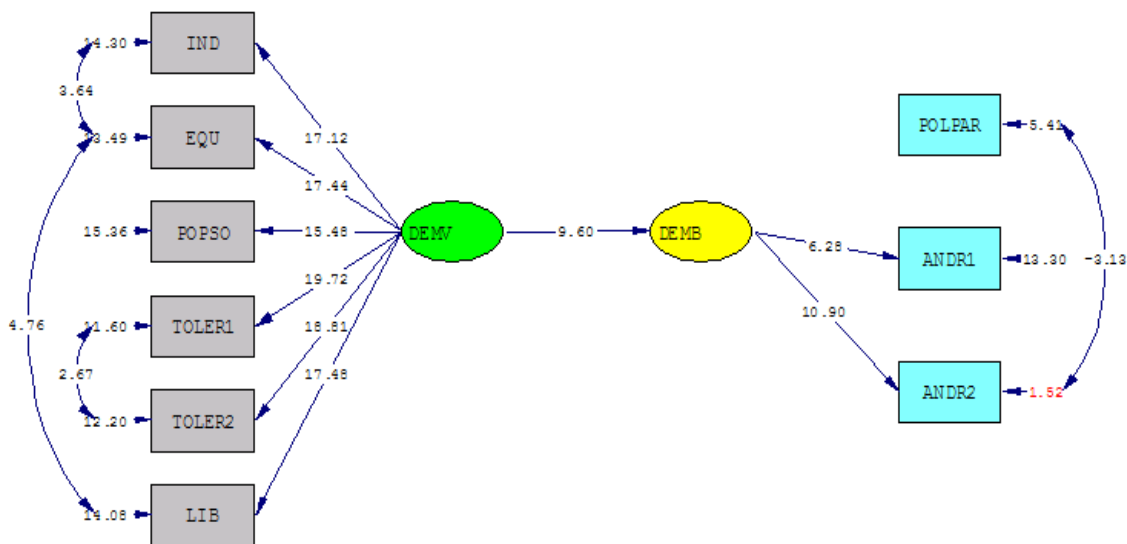
Root Mean Square Residual (RMR) = 0.13
Standardized RMR = 0.024
Goodness of Fit Index (GFI) = 0.99
Adjusted Goodness of Fit Index (AGFI) = 0.98
Parsimony Goodness of Fit Index (PGFI) = 0.38

3. ความสัมพันธ์ ระหว่าง ค่านิยมประชาธิปไตย กับ พฤติกรรมแบบประชาธิปไตย



Chi-Square=48.50, df=22, P-value=0.00093, RMSEA=0.044

Standardized Solution



Chi-Square=48.50, df=22, P-value=0.00093, RMSEA=0.044

t-value

Structural Equations

DEMB = 0.65*DEM, Errorvar.= 1.30, R² = 0.25
 (0.068) (0.29)
 9.60 4.50

Goodness of Fit Statistics

Degrees of Freedom = 22
 Minimum Fit Function Chi-Square = 47.62 (P = 0.0012)
 Normal Theory Weighted Least Squares Chi-Square = 48.50 (P = 0.00093)
 Chi-Square Difference with 1 Degree of Freedom = 16.98 (P = 0.00)
 Estimated Non-centrality Parameter (NCP) = 26.50
 90 Percent Confidence Interval for NCP = (10.10 ; 50.62)

Minimum Fit Function Value = 0.078
 Population Discrepancy Function Value (F0) = 0.043
 90 Percent Confidence Interval for F0 = (0.016 ; 0.083)
 Root Mean Square Error of Approximation (RMSEA) = 0.044
 90 Percent Confidence Interval for RMSEA = (0.027 ; 0.061)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 0.69

Expected Cross-Validation Index (ECVI) = 0.15
 90 Percent Confidence Interval for ECVI = (0.13 ; 0.19)
 ECVI for Saturated Model = 0.15
 ECVI for Independence Model = 5.52
 Chi-Square for Independence Model with 36 Degrees of Freedom =
 3363.75

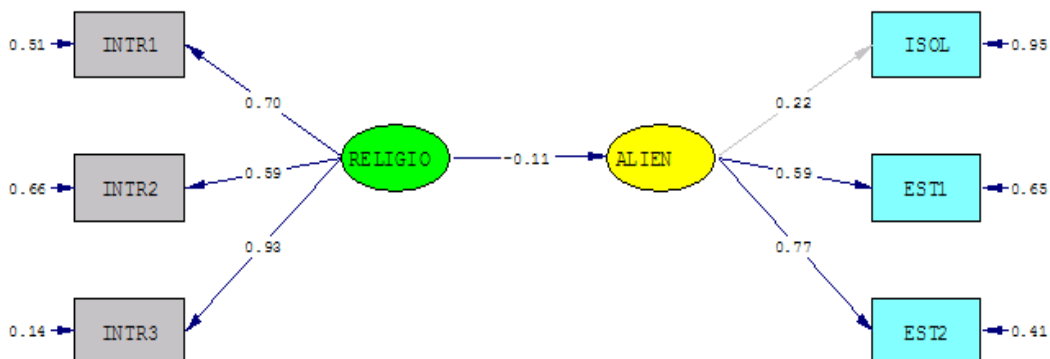
Independence AIC = 3381.75
 Model AIC = 94.50
 Saturated AIC = 90.00
 Independence CAIC = 3430.53
 Model CAIC = 219.16
 Saturated CAIC = 333.90

Normed Fit Index (NFI) = 0.99
 Non-Normed Fit Index (NNFI) = 0.99
 Parsimony Normed Fit Index (PNFI) = 0.60
 Comparative Fit Index (CFI) = 0.99
 Incremental Fit Index (IFI) = 0.99
 Relative Fit Index (RFI) = 0.98

Critical N (CN) = 519.58

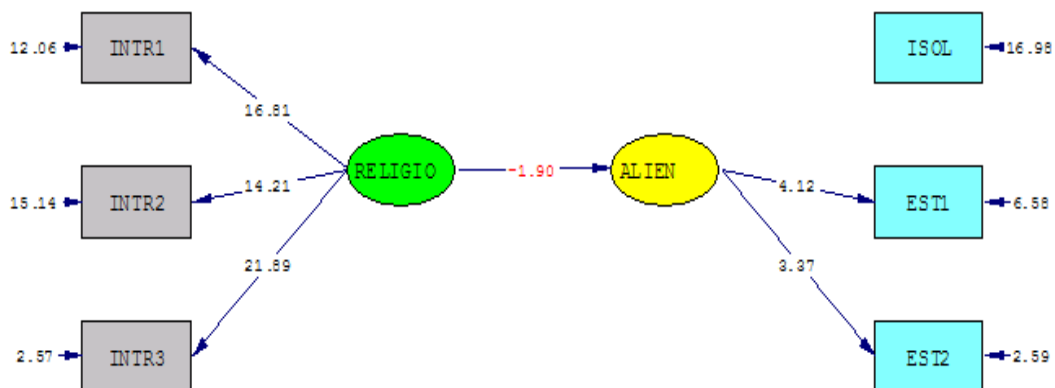
Root Mean Square Residual (RMR) = 0.14
 Standardized RMR = 0.031
 Goodness of Fit Index (GFI) = 0.98
 Adjusted Goodness of Fit Index (AGFI) = 0.96
 Parsimony Goodness of Fit Index (PGFI) = 0.48

4. ความสัมพันธ์ ระหว่าง ความเคร่งศาสนา กับ ความรู้สึกแปลกแยก



Chi-Square=18.31, df=8, P-value=0.01902, RMSEA=0.046

Standardized Solution



Chi-Square=18.31, df=8, P-value=0.01902, RMSEA=0.046

t-value

Structural Equations

$$\begin{aligned}
 \text{ALIEN} &= -0.11 * \text{RELIGIO}, \text{ Errorvar.} = 0.99, R^2 = 0.013 \\
 &\quad (0.060) \qquad\qquad\qquad (0.46) \\
 &\quad -1.90 \qquad\qquad\qquad 2.16
 \end{aligned}$$

Goodness of Fit Statistics

Degrees of Freedom = 8

Minimum Fit Function Chi-Square = 18.80 (P = 0.016)

Normal Theory Weighted Least Squares Chi-Square = 18.31 (P = 0.019)

Chi-Square Difference with 0 Degree of Freedom = 0.00 (P = 1.00)

Estimated Non-centrality Parameter (NCP) = 10.31
 90 Percent Confidence Interval for NCP = (1.51 ; 26.79)

Minimum Fit Function Value = 0.031
 Population Discrepancy Function Value (F0) = 0.017
 90 Percent Confidence Interval for F0 = (0.0025 ; 0.044)
 Root Mean Square Error of Approximation (RMSEA) = 0.046
 90 Percent Confidence Interval for RMSEA = (0.018 ; 0.074)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 0.55

Expected Cross-Validation Index (ECVI) = 0.072
 90 Percent Confidence Interval for ECVI = (0.058 ; 0.099)
 ECVI for Saturated Model = 0.069
 ECVI for Independence Model = 1.20

Chi-Square for Independence Model with 15 Degrees of Freedom =
 722.90

Independence AIC = 734.90
 Model AIC = 44.31
 Saturated AIC = 42.00
 Independence CAIC = 767.42
 Model CAIC = 114.77
 Saturated CAIC = 155.82

Normed Fit Index (NFI) = 0.97
 Non-Normed Fit Index (NNFI) = 0.97
 Parsimony Normed Fit Index (PNFI) = 0.52
 Comparative Fit Index (CFI) = 0.98
 Incremental Fit Index (IFI) = 0.98
 Relative Fit Index (RFI) = 0.95

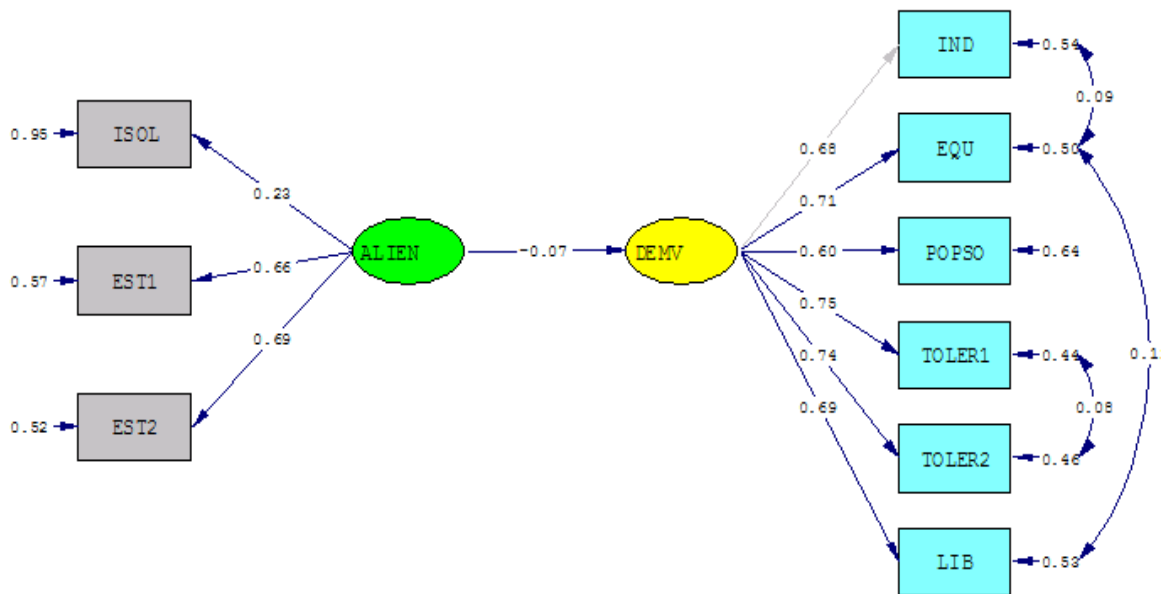
Critical N (CN) = 656.03

Root Mean Square Residual (RMR) = 0.15
 Standardized RMR = 0.039
 Goodness of Fit Index (GFI) = 0.99
 Adjusted Goodness of Fit Index (AGFI) = 0.97
 Parsimony Goodness of Fit Index (PGFI) = 0.38

The Modification Indices Suggest to Add an Error Covariance			
Between	and	Decrease in Chi-Square	New Estimate
EST2	ISOL	9.4	-0.98

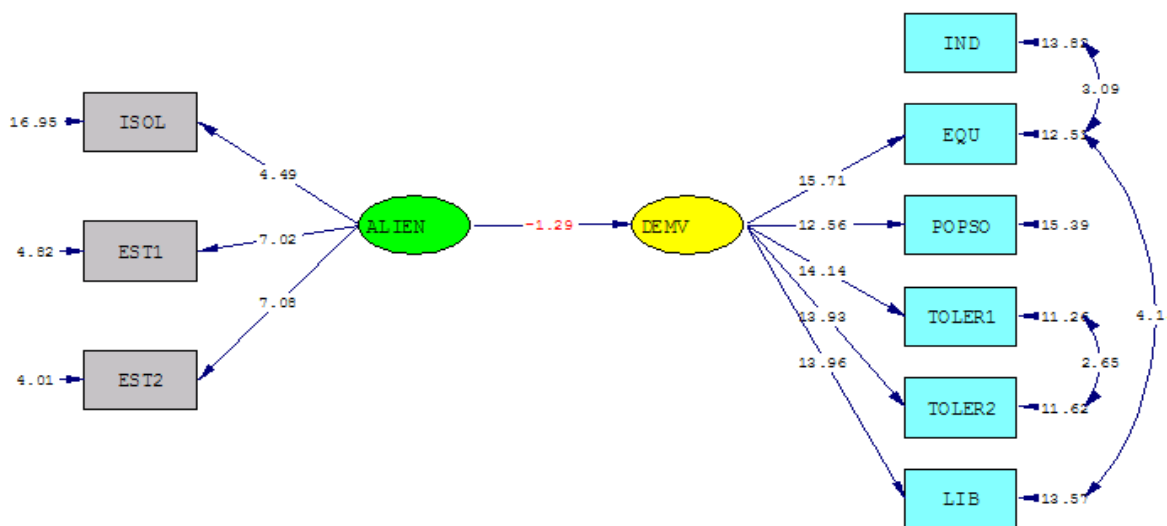
Time used: 0.016 Seconds

5. ความสัมพันธ์ ระหว่าง ความรู้สึกแปลกแยก กับ ค่านิยมประชาธิปไตย



Chi-Square=56.62, df=23, P-value=0.00012, RMSEA=0.049

Standardized Solution



Chi-Square=56.62, df=23, P-value=0.00012, RMSEA=0.049

t-value

Structural Equations

DEMV = - 0.071*ALIEN, Errorvar.= 0.96 , R² = 0.0052
 (0.055) (0.11)
 -1.29 8.54

Goodness of Fit Statistics

Degrees of Freedom = 23
 Minimum Fit Function Chi-Square = 56.76 (P = 0.00011)
 Normal Theory Weighted Least Squares Chi-Square = 56.62 (P =
 0.00012)
 Chi-Square Difference with 1 Degree of Freedom = 10.91 (P = 0.00096)
 Estimated Non-centrality Parameter (NCP) = 33.62
 90 Percent Confidence Interval for NCP = (15.26 ; 59.66)

Minimum Fit Function Value = 0.093
 Population Discrepancy Function Value (F0) = 0.055
 90 Percent Confidence Interval for F0 = (0.025 ; 0.097)
 Root Mean Square Error of Approximation (RMSEA) = 0.049
 90 Percent Confidence Interval for RMSEA = (0.033 ; 0.065)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 0.52

Expected Cross-Validation Index (ECVI) = 0.16
 90 Percent Confidence Interval for ECVI = (0.13 ; 0.21)
 ECVI for Saturated Model = 0.15
 ECVI for Independence Model = 4.16

Chi-Square for Independence Model with 36 Degrees of Freedom =
 2531.08

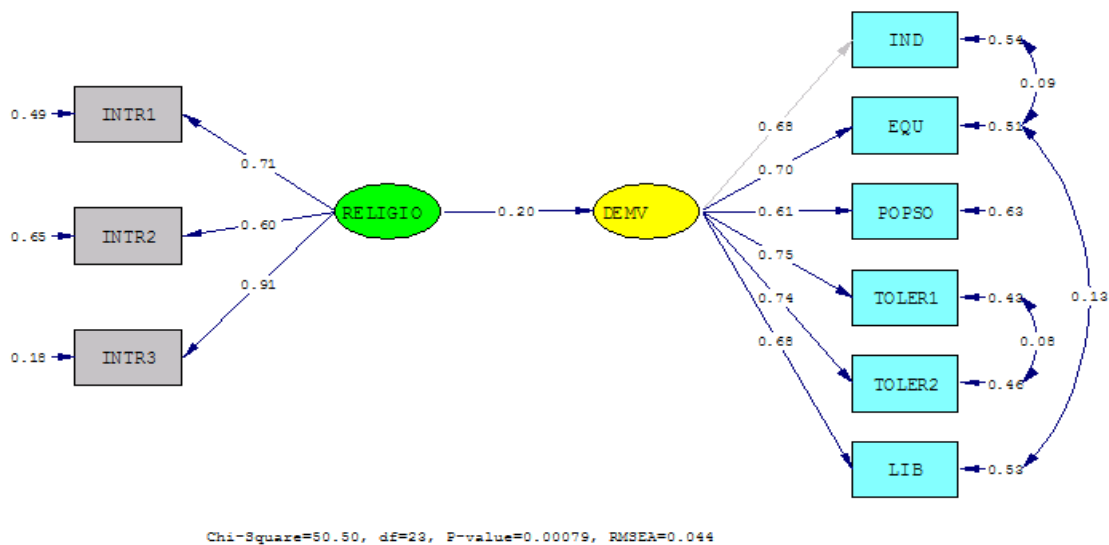
Independence AIC = 2549.08
 Model AIC = 100.62
 Saturated AIC = 90.00
 Independence CAIC = 2597.86
 Model CAIC = 219.86
 Saturated CAIC = 333.90

Normed Fit Index (NFI) = 0.98
 Non-Normed Fit Index (NNFI) = 0.98
 Parsimony Normed Fit Index (PNFI) = 0.62
 Comparative Fit Index (CFI) = 0.99
 Incremental Fit Index (IFI) = 0.99
 Relative Fit Index (RFI) = 0.96

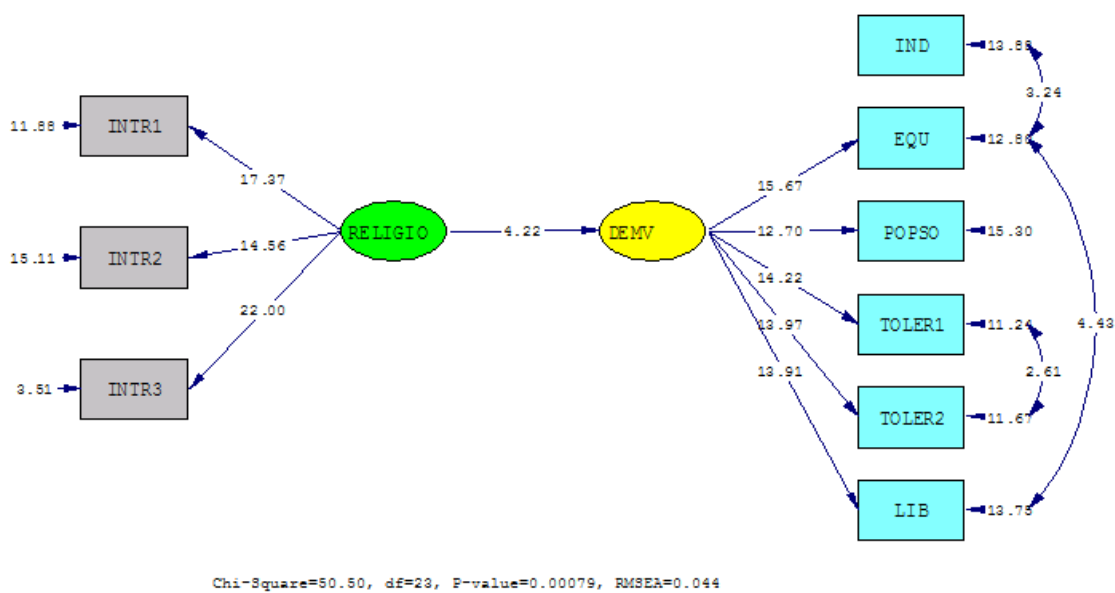
Critical N (CN) = 450.71

Root Mean Square Residual (RMR) = 0.11
 Standardized RMR = 0.034
 Goodness of Fit Index (GFI) = 0.98
 Adjusted Goodness of Fit Index (AGFI) = 0.96
 Parsimony Goodness of Fit Index (PGFI) = 0.50

6. ความสัมพันธ์ ระหว่าง ความเคร่งศาสนา กับ ค่านิยมประชาธิปไตย



Standardized Solution



t-value

Structural Equations

$$\begin{array}{l}
 \text{DEMV} \\
 (0.047) \\
 4.22
 \end{array}
 = 0.20 * \text{RELIGIO}, \text{ Errorvar.} = 0.92, R^2 = 0.042
 \begin{array}{l}
 (0.11) \\
 8.52
 \end{array}$$

Goodness of Fit Statistics

Degrees of Freedom = 23
 N Minimum Fit Function Chi-Square = 51.18 (P = 0.00064)
 Normal Theory Weighted Least Squares Chi-Square = 50.50 (P = 0.00079)
 Chi-Square Difference with 1 Degree of Freedom = 11.46 (P = 0.00071)
 Estimated Non-centrality Parameter (NCP) = 27.50
 90 Percent Confidence Interval for NCP = (10.71 ; 52.02)

Minimum Fit Function Value = 0.083
 Population Discrepancy Function Value (F0) = 0.045
 90 Percent Confidence Interval for F0 = (0.017 ; 0.085)
 Root Mean Square Error of Approximation (RMSEA) = 0.044
 90 Percent Confidence Interval for RMSEA = (0.028 ; 0.061)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 0.70

Expected Cross-Validation Index (ECVI) = 0.15
 90 Percent Confidence Interval for ECVI = (0.13 ; 0.19)
 ECVI for Saturated Model = 0.15
 ECVI for Independence Model = 5.02

Chi-Square for Independence Model with 36 Degrees of Freedom =
 3059.68

Independence AIC = 3077.68
 Model AIC = 94.50
 Saturated AIC = 90.00
 Independence CAIC = 3126.46
 Model CAIC = 213.74
 Saturated CAIC = 333.90

Normed Fit Index (NFI) = 0.98
 Non-Normed Fit Index (NNFI) = 0.99
 Parsimony Normed Fit Index (PNFI) = 0.63
 Comparative Fit Index (CFI) = 0.99
 Incremental Fit Index (IFI) = 0.99
 Relative Fit Index (RFI) = 0.97

Critical N (CN) = 499.69

Root Mean Square Residual (RMR) = 0.16
 Standardized RMR = 0.036
 Goodness of Fit Index (GFI) = 0.98
 Adjusted Goodness of Fit Index (AGFI) = 0.96
 Parsimony Goodness of Fit Index (PGFI) = 0.50