

ภาคผนวก จ

ผลการวิเคราะห์โมเดลความสัมพันธ์เชิงสาเหตุของประสิทธิผลโรงเรียน  
ประถมศึกษาขนาดเล็ก โดยใช้โปรแกรม LISREL

มหาวิทยาลัยราชภัฏวไลยอลงกรณ์



## FACTOR

```

/VARIABLES LED ENV PAR CUL EFF
/MISSING LISTWISE
/ANALYSIS LED ENV PAR CUL EFF
/PRINT KMO EXTRACTION
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PAF
/ROTATION NOROTATE
/METHOD=CORRELATION.

```

**Factor Analysis**

[DataSet1] C:\Users\user\Desktop\New DATA\ALLdata.sav

**KMO and Bartlett's Test**

	Kaiser-Meyer-Olkin Measure of Sampling Adequacy.	.774
Bartlett's Test of Sphericity	Approx. Chi-Square	149.656
	df	10
	Sig.	.000

**Factor Matrix<sup>a</sup>**

	Factor	
	1	2
LED	.784	.372
ENV	.851	.120
PAR	.925	.376
CUL	.760	.064
EFF	.891	.066

Extraction Method:  
Principal Axis Factoring.

a.

**Communalities**

	Extraction
LED	.753
ENV	.739
PAR	.998
CUL	.581
EFF	.799

Extraction  
Method:  
Principal Axis  
Factoring.

## Total Variance Explained

Factor	Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %
1	2.773	55.468	55.468
2	.303	6.052	61.520

Extraction Method: Principal Axis Factoring.

## CORRELATIONS

/VARIABLES=LED ENV PAR CUL EFF

/PRINT=TWOTAIL NOSIG

/MISSING=PAIRWISE.

## Correlations

[DataSet1] C:\Users\user\Desktop\New DATA\ALLdata.sav

## Correlations

		LED	ENV	PAR	CUL	EFF
LED	Pearson Correlation	1	.717**	.784**	.772**	.769**
	Sig. (2-tailed)		.000	.000	.000	.000
	N	440	440	440	440	440
ENV	Pearson Correlation	.717**	1	.745**	.730**	.672**
	Sig. (2-tailed)	.000		.000	.000	.000
	N	440	440	440	440	440
PAR	Pearson Correlation	.784**	.745**	1	.733**	.780**
	Sig. (2-tailed)	.000	.000		.000	.000
	N	440	440	440	440	440
CUL	Pearson Correlation	.772**	.730**	.733**	1	.729**
	Sig. (2-tailed)	.000	.000	.000		.000
	N	440	440	440	440	440
EFF	Pearson Correlation	.769**	.672**	.780**	.729**	1
	Sig. (2-tailed)	.000	.000	.000	.000	
	N	440	440	440	440	440

\*\*. Correlation is significant at the 0.01 level (2-tailed).

```

SAVE OUTFILE='C:\Users\user\Desktop\New DATA\ALLdata.sav'
/COMPRESSED.
SAVE OUTFILE='C:\Users\user\Desktop\New DATA\ALLdata.sav'
/COMPRESSED.
GET
FILE='C:\Users\user\Desktop\New DATA\EFFEctdata.sav'.
SAVE OUTFILE='C:\Users\user\Desktop\New DATA\EFFEctdata.sav'
/COMPRESSED.
DESCRIPTIVES VARIABLES=j1 j2 j3 j4 j5 j6 ad1 ad2 ad3 ad4 ad5 ad6 ac1 ac2 a
c3 ac4 ac5 ab1 ab2 ab3 ab4 ab5 ab6
/STATISTICS=MEAN STDDEV MIN MAX KURTOSIS SKEWNESS.

```

## Descriptives

[DataSet1] C:\Users\user\Desktop\New DATA\EFFEctdata.sav

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Statistic
j1	440	4.00	5.00	4.4455	.49758
j2	440	3.00	5.00	4.4705	.55581
j3	440	3.00	5.00	4.3227	.57307
j4	440	3.00	5.00	4.3977	.54709
j5	440	3.00	5.00	4.4773	.55613
j6	440	3.00	5.00	4.3659	.58859
ad1	440	4.00	5.00	4.3773	.48526
ad2	440	3.00	5.00	4.4591	.54263
ad3	440	3.00	5.00	4.3523	.54917
ad4	440	3.00	5.00	4.3364	.55293
ad5	440	3.00	5.00	4.4477	.57827
ad6	440	3.00	5.00	4.3341	.57251
ac1	440	3.00	5.00	4.5182	.53116
ac2	440	3.00	5.00	4.4773	.53949
ac3	440	3.00	5.00	4.4591	.54263
ac4	440	3.00	5.00	4.4205	.57909
ac5	440	2.00	5.00	4.4045	.71111
ab1	440	3.00	5.00	4.4864	.67483
ab2	440	3.00	5.00	4.4273	.74808
ab3	440	3.00	5.00	4.4364	.65478
ab4	440	3.00	5.00	4.2795	.67263
ab5	440	3.00	5.00	4.2500	.66904
ab6	440	3.00	5.00	4.3182	.61391
Valid N (listwise)	440				

## Descriptive Statistics

	Skewness		Kurtosis	
	Statistic	Std. Error	Statistic	Std. Error
j1	.220	.116	-1.960	.232
j2	-.403	.116	-.886	.232
j3	-.150	.116	-.642	.232
j4	-.132	.116	-.950	.232
j5	-.429	.116	-.868	.232
j6	-.309	.116	-.689	.232
ad1	.508	.116	-1.750	.232
ad2	-.266	.116	-1.072	.232
ad3	-.057	.116	-.799	.232
ad4	-.057	.116	-.726	.232
ad5	-.469	.116	-.712	.232
ad6	-.166	.116	-.670	.232
ac1	-.393	.116	-1.160	.232
ac2	-.303	.116	-1.107	.232
ac3	-.266	.116	-1.072	.232
ac4	-.394	.116	-.736	.232
ac5	-1.034	.116	.693	.232
ab1	-.955	.116	-.289	.232
ab2	-.881	.116	-.677	.232
ab3	-.741	.116	-.511	.232
ab4	-.400	.116	-.802	.232
ab5	-.338	.116	-.798	.232
ab6	-.318	.116	-.649	.232

DESCRIPTIVES VARIABLES=JOB ADAP ACHIE ABILI EFFECT  
 /STATISTICS=MEAN STDDEV MIN MAX KURTOSIS SKEWNESS.

## Descriptives

[DataSet1] C:\Users\user\Desktop\New DATA\EFFECTdata.sav

## Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Statistic
JOB	440	3.50	5.00	4.4133	.38180
ADAP	440	3.33	5.00	4.3845	.38803
ACHIE	440	2.80	5.00	4.4559	.49587
ABILI	440	3.00	5.00	4.3663	.59875
EFFECT	440	3.49	5.00	4.4050	.38746
Valid N (listwise)	440				

## Descriptive Statistics

	Skewness		Kurtosis	
	Statistic	Std. Error	Statistic	Std. Error
JOB	.017	.116	-1.099	.232
ADAP	.110	.116	-.831	.232
ACHIE	-.586	.116	.009	.232
ABILI	-.601	.116	-.652	.232
EFFECT	.017	.116	-1.372	.232

## CORRELATIONS

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/VARIABLES=j1 j2 j3 j4 j5 j6 ad1 ad2 ad3 ad4 ad5 ad6 ac1 ac2 ac3 ac4 ac5
ab1 ab2 ab3 ab4 ab5 ab6
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

## Correlations

[DataSet1] C:\Users\user\Desktop\New DATA\EFFECTdata.sav

## Correlations

		j1	j2	j3	j4	j5	j6
j1	Pearson Correlation	1	.567**	.333**	.569**	.242**	.313**
	Sig. (2-tailed)		.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
j2	Pearson Correlation	.567**	1	.266**	.477**	.444**	.364**
	Sig. (2-tailed)	.000		.000	.000	.000	.000
	N	440	440	440	440	440	440
j3	Pearson Correlation	.333**	.266**	1	.360**	.223**	.243**
	Sig. (2-tailed)	.000	.000		.000	.000	.000
	N	440	440	440	440	440	440
j4	Pearson Correlation	.569**	.477**	.360**	1	.340**	.339**
	Sig. (2-tailed)	.000	.000	.000		.000	.000
	N	440	440	440	440	440	440
j5	Pearson Correlation	.242**	.444**	.223**	.340**	1	.530**
	Sig. (2-tailed)	.000	.000	.000	.000		.000
	N	440	440	440	440	440	440
j6	Pearson Correlation	.313**	.364**	.243**	.339**	.530**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	440	440	440	440	440	440
ad1	Pearson Correlation	.850**	.548**	.307**	.532**	.201**	.273**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000

\*\* Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		ad1	ad2	ad3	ad4	ad5	ad6
j1	Pearson Correlation	.850**	.160**	.416**	.464**	.263**	.412**
	Sig. (2-tailed)	.000	.001	.000	.000	.000	.000
	N	440	440	440	440	440	440
j2	Pearson Correlation	.548**	.166**	.277**	.284**	.165**	.192**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
j3	Pearson Correlation	.307**	.094*	.152**	.196**	.065	.157**
	Sig. (2-tailed)	.000	.049	.001	.000	.175	.001
	N	440	440	440	440	440	440
j4	Pearson Correlation	.532**	.151**	.238**	.265**	.149**	.251**
	Sig. (2-tailed)	.000	.002	.000	.000	.002	.000
	N	440	440	440	440	440	440
j5	Pearson Correlation	.201**	.065	.097*	.084	.021	.113*
	Sig. (2-tailed)	.000	.175	.042	.078	.659	.017
	N	440	440	440	440	440	440
j6	Pearson Correlation	.273**	.100*	.094*	.111*	-.007	.130**
	Sig. (2-tailed)	.000	.035	.050	.020	.879	.006
	N	440	440	440	440	440	440
ad1	Pearson Correlation	1	.266**	.526**	.553**	.306**	.341**
	Sig. (2-tailed)		.000	.000	.000	.000	.000

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).



## Correlations

		ac1	ac2	ac3	ac4	ac5	ab1
j1	Pearson Correlation	.814**	.869**	.894**	.898**	.269**	.683**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
j2	Pearson Correlation	.469**	.518**	.521**	.545**	.215**	.409**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
j3	Pearson Correlation	.273**	.289**	.292**	.263**	.042	.170**
	Sig. (2-tailed)	.000	.000	.000	.000	.377	.000
	N	440	440	440	440	440	440
j4	Pearson Correlation	.473**	.521**	.542**	.542**	.165**	.376**
	Sig. (2-tailed)	.000	.000	.000	.000	.001	.000
	N	440	440	440	440	440	440
j5	Pearson Correlation	.194**	.226**	.216**	.217**	.035	.163**
	Sig. (2-tailed)	.000	.000	.000	.000	.466	.001
	N	440	440	440	440	440	440
j6	Pearson Correlation	.266**	.302**	.300**	.296**	.201**	.279**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ad1	Pearson Correlation	.689**	.738**	.759**	.764**	.243**	.579**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000

\*\* . Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		ab2	ab3	ab4	ab5	ab6
j1	Pearson Correlation	.687**	.772**	.839**	.705**	.646**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
j2	Pearson Correlation	.403**	.455**	.549**	.467**	.455**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
j3	Pearson Correlation	.204**	.219**	.262**	.205**	.206**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
j4	Pearson Correlation	.357**	.449**	.508**	.406**	.348**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
j5	Pearson Correlation	.127**	.184**	.209**	.168**	.168**
	Sig. (2-tailed)	.007	.000	.000	.000	.000
	N	440	440	440	440	440
j6	Pearson Correlation	.244**	.288**	.316**	.265**	.213**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ad1	Pearson Correlation	.571**	.656**	.807**	.691**	.667**
	Sig. (2-tailed)	.000	.000	.000	.000	.000

\*\* . Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		i1	i2	i3	i4	i5	i6
ad1	N	440	440	440	440	440	440
ad2	Pearson Correlation	.160**	.166**	.094*	.151**	.065	.100*
	Sig. (2-tailed)	.001	.000	.049	.002	.175	.035
	N	440	440	440	440	440	440
ad3	Pearson Correlation	.416**	.277**	.152**	.238**	.097*	.094*
	Sig. (2-tailed)	.000	.000	.001	.000	.042	.050
	N	440	440	440	440	440	440
ad4	Pearson Correlation	.464**	.284**	.196**	.265**	.084	.111*
	Sig. (2-tailed)	.000	.000	.000	.000	.078	.020
	N	440	440	440	440	440	440
ad5	Pearson Correlation	.263**	.165**	.065	.149**	.021	-.007
	Sig. (2-tailed)	.000	.000	.175	.002	.659	.879
	N	440	440	440	440	440	440
ad6	Pearson Correlation	.412**	.192**	.157**	.251**	.113*	.130**
	Sig. (2-tailed)	.000	.000	.001	.000	.017	.006
	N	440	440	440	440	440	440
ac1	Pearson Correlation	.814**	.469**	.273**	.473**	.194**	.266**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac2	Pearson Correlation	.869**	.518**	.289**	.521**	.226**	.302**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac3	Pearson Correlation	.894**	.521**	.292**	.542**	.216**	.300**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac4	Pearson Correlation	.898**	.545**	.263**	.542**	.217**	.296**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac5	Pearson Correlation	.269**	.215**	.042	.165**	.035	.201**
	Sig. (2-tailed)	.000	.000	.377	.001	.466	.000
	N	440	440	440	440	440	440
ab1	Pearson Correlation	.683**	.409**	.170**	.376**	.163**	.279**
	Sig. (2-tailed)	.000	.000	.000	.000	.001	.000
	N	440	440	440	440	440	440
ab2	Pearson Correlation	.687**	.403**	.204**	.357**	.127**	.244**
	Sig. (2-tailed)	.000	.000	.000	.000	.007	.000
	N	440	440	440	440	440	440
ab3	Pearson Correlation	.772**	.455**	.219**	.449**	.184**	.288**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## Correlations

		ad1	ad2	ad3	ad4	ad5	ad6
ad1	N	440	440	440	440	440	440
ad2	Pearson Correlation	.266**	1	.373**	.426**	.323**	.260**
	Sig. (2-tailed)	.000		.000	.000	.000	.000
	N	440	440	440	440	440	440
ad3	Pearson Correlation	.526**	.373**	1	.614**	.456**	.364**
	Sig. (2-tailed)	.000	.000		.000	.000	.000
	N	440	440	440	440	440	440
ad4	Pearson Correlation	.553**	.426**	.614**	1	.504**	.371**
	Sig. (2-tailed)	.000	.000	.000		.000	.000
	N	440	440	440	440	440	440
ad5	Pearson Correlation	.306**	.323**	.456**	.504**	1	.380**
	Sig. (2-tailed)	.000	.000	.000	.000		.000
	N	440	440	440	440	440	440
ad6	Pearson Correlation	.341**	.260**	.364**	.371**	.380**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	440	440	440	440	440	440
ac1	Pearson Correlation	.689**	-.005	.279**	.344**	.103*	.246**
	Sig. (2-tailed)	.000	.911	.000	.000	.030	.000
	N	440	440	440	440	440	440
ac2	Pearson Correlation	.738**	.075	.331**	.385**	.160**	.279**
	Sig. (2-tailed)	.000	.118	.000	.000	.001	.000
	N	440	440	440	440	440	440
ac3	Pearson Correlation	.759**	.103*	.343**	.410**	.193**	.304**
	Sig. (2-tailed)	.000	.031	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac4	Pearson Correlation	.764**	.116*	.357**	.425**	.198**	.324**
	Sig. (2-tailed)	.000	.014	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac5	Pearson Correlation	.243**	.043	.019	.064	-.048	.014
	Sig. (2-tailed)	.000	.368	.688	.177	.313	.767
	N	440	440	440	440	440	440
ab1	Pearson Correlation	.579**	-.070	.157**	.263**	-.022	.156**
	Sig. (2-tailed)	.000	.143	.001	.000	.641	.001
	N	440	440	440	440	440	440
ab2	Pearson Correlation	.571**	-.069	.160**	.263**	-.017	.155**
	Sig. (2-tailed)	.000	.148	.001	.000	.727	.001
	N	440	440	440	440	440	440
ab3	Pearson Correlation	.656**	-.027	.211**	.324**	.066	.218**
	Sig. (2-tailed)	.000	.578	.000	.000	.164	.000

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## Correlations

		ac1	ac2	ac3	ac4	ac5	ab1
ad1	N	440	440	440	440	440	440
ad2	Pearson Correlation	-.005	.075	.103*	.116*	.043	-.070
	Sig. (2-tailed)	.911	.118	.031	.014	.368	.143
	N	440	440	440	440	440	440
ad3	Pearson Correlation	.279**	.331**	.343**	.357**	.019	.157**
	Sig. (2-tailed)	.000	.000	.000	.000	.688	.001
	N	440	440	440	440	440	440
ad4	Pearson Correlation	.344**	.385**	.410**	.425**	.064	.263**
	Sig. (2-tailed)	.000	.000	.000	.000	.177	.000
	N	440	440	440	440	440	440
ad5	Pearson Correlation	.103*	.160**	.193**	.198**	-.048	-.022
	Sig. (2-tailed)	.030	.001	.000	.000	.313	.641
	N	440	440	440	440	440	440
ad6	Pearson Correlation	.246**	.279**	.304**	.324**	.014	.156**
	Sig. (2-tailed)	.000	.000	.000	.000	.767	.001
	N	440	440	440	440	440	440
ac1	Pearson Correlation	1	.932**	.904**	.860**	.366**	.833**
	Sig. (2-tailed)		.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ac2	Pearson Correlation	.932**	1	.969**	.917**	.357**	.788**
	Sig. (2-tailed)	.000		.000	.000	.000	.000
	N	440	440	440	440	440	440
ac3	Pearson Correlation	.904**	.969**	1	.943**	.362**	.770**
	Sig. (2-tailed)	.000	.000		.000	.000	.000
	N	440	440	440	440	440	440
ac4	Pearson Correlation	.860**	.917**	.943**	1	.355**	.787**
	Sig. (2-tailed)	.000	.000	.000		.000	.000
	N	440	440	440	440	440	440
ac5	Pearson Correlation	.366**	.357**	.362**	.355**	1	.424**
	Sig. (2-tailed)	.000	.000	.000	.000		.000
	N	440	440	440	440	440	440
ab1	Pearson Correlation	.833**	.788**	.770**	.787**	.424**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	440	440	440	440	440	440
ab2	Pearson Correlation	.829**	.780**	.761**	.767**	.415**	.950**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ab3	Pearson Correlation	.914**	.879**	.858**	.867**	.408**	.921**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## Correlations

		ab2	ab3	ab4	ab5	ab6
ad1	N	440	440	440	440	440
ad2	Pearson Correlation	-.069	-.027	.128**	.078	.162**
	Sig. (2-tailed)	.148	.578	.007	.100	.001
	N	440	440	440	440	440
ad3	Pearson Correlation	.160**	.211**	.312**	.256**	.336**
	Sig. (2-tailed)	.001	.000	.000	.000	.000
	N	440	440	440	440	440
ad4	Pearson Correlation	.263**	.324**	.433**	.357**	.362**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ad5	Pearson Correlation	-.017	.066	.164**	.152**	.201**
	Sig. (2-tailed)	.727	.164	.001	.001	.000
	N	440	440	440	440	440
ad6	Pearson Correlation	.155**	.218**	.272**	.257**	.274**
	Sig. (2-tailed)	.001	.000	.000	.000	.000
	N	440	440	440	440	440
ac1	Pearson Correlation	.829**	.914**	.773**	.660**	.506**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ac2	Pearson Correlation	.780**	.879**	.805**	.685**	.558**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ac3	Pearson Correlation	.761**	.858**	.821**	.693**	.566**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ac4	Pearson Correlation	.767**	.867**	.855**	.710**	.571**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ac5	Pearson Correlation	.415**	.408**	.415**	.395**	.231**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ab1	Pearson Correlation	.950**	.921**	.819**	.714**	.478**
	Sig. (2-tailed)	.000	.000	.000	.000	.000
	N	440	440	440	440	440
ab2	Pearson Correlation	1	.883**	.817**	.715**	.487**
	Sig. (2-tailed)		.000	.000	.000	.000
	N	440	440	440	440	440
ab3	Pearson Correlation	.883**	1	.850**	.728**	.515**
	Sig. (2-tailed)	.000		.000	.000	.000

\*\* Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		i1	i2	i3	i4	i5	i6
ab3	N	440	440	440	440	440	440
ab4	Pearson Correlation	.839**	.549**	.262**	.508**	.209**	.316**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ab5	Pearson Correlation	.705**	.467**	.205**	.406**	.168**	.265**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ab6	Pearson Correlation	.646**	.455**	.206**	.348**	.168**	.213**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440

\*\* Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		ad1	ad2	ad3	ad4	ad5	ad6
ab3	N	440	440	440	440	440	440
ab4	Pearson Correlation	.807**	.128**	.312**	.433**	.164**	.272**
	Sig. (2-tailed)	.000	.007	.000	.000	.001	.000
	N	440	440	440	440	440	440
ab5	Pearson Correlation	.691**	.078	.256**	.357**	.152**	.257**
	Sig. (2-tailed)	.000	.100	.000	.000	.001	.000
	N	440	440	440	440	440	440
ab6	Pearson Correlation	.667**	.162**	.336**	.362**	.201**	.274**
	Sig. (2-tailed)	.000	.001	.000	.000	.000	.000
	N	440	440	440	440	440	440

\*\* Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		ac1	ac2	ac3	ac4	ac5	ab1
ab3	N	440	440	440	440	440	440
ab4	Pearson Correlation	.773**	.805**	.821**	.855**	.415**	.819**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ab5	Pearson Correlation	.660**	.685**	.693**	.710**	.395**	.714**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440
ab6	Pearson Correlation	.506**	.558**	.566**	.571**	.231**	.478**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000
	N	440	440	440	440	440	440

\*\* Correlation is significant at the 0.01 level (2-tailed).

## Correlations

		ab2	ab3	ab4	ab5	ab6
ab3	N	440	440	440	440	440
ab4	Pearson Correlation	.817**	.850**	1	.857**	.700**
	Sig. (2-tailed)	.000	.000		.000	.000
	N	440	440	440	440	440
ab5	Pearson Correlation	.715**	.728**	.857**	1	.765**
	Sig. (2-tailed)	.000	.000	.000		.000
	N	440	440	440	440	440
ab6	Pearson Correlation	.487**	.515**	.700**	.765**	1
	Sig. (2-tailed)	.000	.000	.000	.000	
	N	440	440	440	440	440

\*\* . Correlation is significant at the 0.01 level (2-tailed).

## CORRELATIONS

```

/VARIABLES=JOB ADAP ACHIE ABILI
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

## Correlations

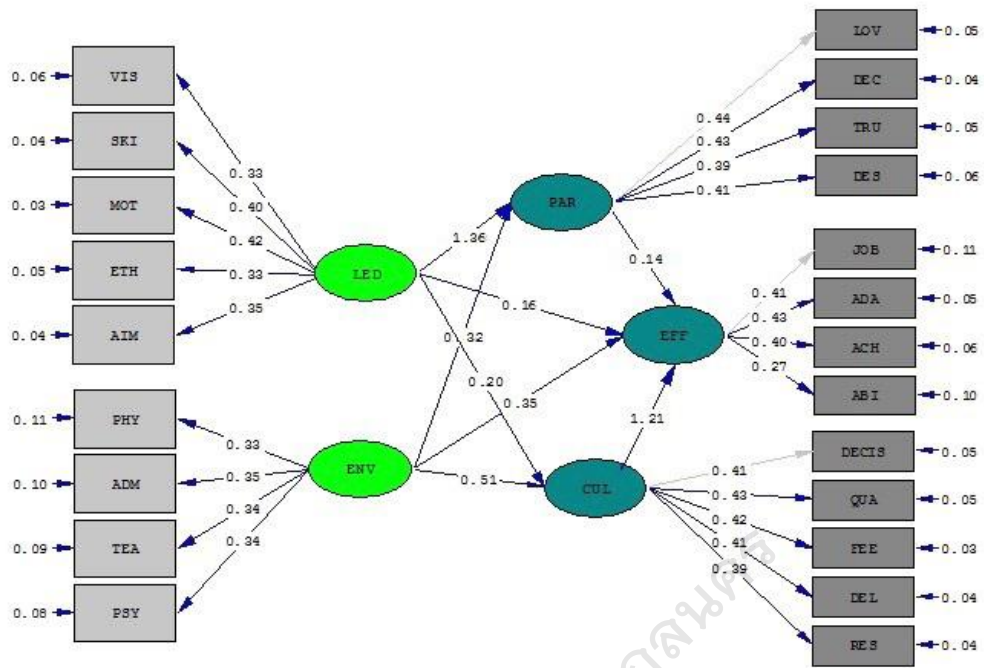
[DataSet1] C:\Users\user\Desktop\New DATA\EFFECTdata.sav

## Correlations

		JOB	ADAP	ACHIE	ABILI
JOB	Pearson Correlation	1	.434**	.624**	.592**
	Sig. (2-tailed)		.000	.000	.000
	N	440	440	440	440
ADAP	Pearson Correlation	.434**	1	.422**	.398**
	Sig. (2-tailed)	.000		.000	.000
	N	440	440	440	440
ACHIE	Pearson Correlation	.624**	.422**	1	.873**
	Sig. (2-tailed)	.000	.000		.000
	N	440	440	440	440
ABILI	Pearson Correlation	.592**	.398**	.873**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	440	440	440	440

\*\* . Correlation is significant at the 0.01 level (2-tailed).





Chi-Square=154.11, df=129, P-value=0.06513, RMSEA=0.021

Post Output Model

มหาวิทยาลัยราชภัฏวไลยอลงกรณ์

DATE: 8/25/2019  
TIME: 23:51

L I S R E L 8.52

BY

Karl G. J"reskog & Dag S"rbom

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The following lines were read from file C:\Users\Desktop\noi.LPJ:

TI  
DA NI=23 NO=440 NG=1 MA=CM  
RA FI='C:\Users\Tong\Desktop\noi\Tong111.psf'  
SE  
11 12 13 14 15 16 17 18 19 20 21 22 23 2 3 4 5 6 7 8 9 10 /  
MO NX=9 NY=13 NK=2 NE=3 LY=FU,FI LX=FU,FI BE=FU,FI GA=FU,FI  
PH=SY,FR PS=SY TE=SY TD=SY  
LE  
EFF PAR CUL  
LK  
ENV LED  
FR LY(2,3) LY(3,3) LY(4,3) LY(5,3) LY(7,2) LY(8,2) LY(9,2)  
LY(11,1) LY(12,1)  
FR LY(13,1) LX(1,2) LX(2,2) LX(3,2) LX(4,2) LX(5,2) LX(6,1)  
LX(7,1) LX(8,1)  
FR LX(9,1) BE(1,2) BE(1,3) GA(1,1) GA(1,2) GA(2,1) GA(2,2)  
GA(3,1) GA(3,2) LY(1,3) LY(6,2) LY(10,1)  
FR TE 9 8 PS 3 2 TE 7,6 TH 1 13 TH 8 11 TE 3 2 TE 2 1 TH 4 9 TH  
8 6 TE 9 6 TH 2 6 TD 7 6 TD 4 2  
FR TD 8 7 TD 8 6 TD 8 4 TD 9 1 TH 9 13 TH 3 13 TE 8,6 TE 3 1 TE  
4,3 TH 8,5 TH 9,4 TE 4,2  
FR TH 3,4 TE 6 5 TE 13 10 TH 9 11 TH 9 12 TH 4 13 TH 7,2 TE 13 9  
TH 3 9 TH 1 9  
FR TH 8 3 TH 6 6 TH 4 4 TH 8 10 TE 10,7 TE 13 8 TH 7 1 TE 9 4 TE  
8,4 TH 8 9  
FR TH 8 8 TH 9 10 TE 8 5 TE 7 5 TH 2 5 TH 2 13 TH 5 13 TH 8 13 TH  
2 2 TE 12 2

FR TH 2 1 TH 7 13 TE 13 7 TH 4 3 TH 3 7 TE 13 6 TE 13 4 TH 2 9 TH  
 7 5  
 FR TD 9 7 TH 8 12 TH 6 12 TD 9 4 TH 5 9 TE 9 5 TE 5 4  
 PD  
 OU ME=ML AM RS EF FS SS SC PT IT=250 AD=OFF

TI

Number of Input Variables 23  
 Number of Y - Variables 13  
 Number of X - Variables 9  
 Number of ETA - Variables 3  
 Number of KSI - Variables 2  
 Number of Observations 440

TI

Covariance Matrix

LOV	DECIS	QUA	FEE	DEL	RES
DECIS	0.22				
QUA	0.20	0.26			
FEE	0.18	0.21	0.22		
DEL	0.17	0.19	0.18	0.21	
RES	0.16	0.17	0.17	0.17	0.20
LOV	0.16	0.18	0.17	0.17	0.17
0.24 DEC	0.15	0.17	0.16	0.16	0.16
0.20 TRU	0.14	0.15	0.15	0.16	0.15
0.16 DES	0.14	0.15	0.15	0.16	0.15
0.16 JOB	0.14	0.16	0.15	0.14	0.14
0.13 ADA	0.16	0.16	0.16	0.15	0.14
0.13 ACH	0.15	0.16	0.15	0.14	0.14
0.13 ABI	0.11	0.11	0.10	0.11	0.10
0.10 VIS	0.11	0.10	0.11	0.11	0.11
0.11 SKI	0.13	0.13	0.12	0.13	0.13
0.14 MOT	0.13	0.12	0.12	0.12	0.12
0.13 ETH	0.12	0.11	0.11	0.12	0.11
0.12					

0.13	AIM	0.13	0.13	0.12	0.13	0.12
0.14	PHY	0.14	0.14	0.14	0.13	0.13
0.15	ADM	0.16	0.17	0.15	0.15	0.15
0.12	TEA	0.14	0.14	0.13	0.13	0.12
0.13	PSY	0.15	0.15	0.15	0.14	0.14

## Covariance Matrix

	DEC	TRU	DES	JOB	ADA
ACH	-----	-----	-----	-----	-----
-----					
0.23	DEC	0.23			
0.11	TRU	0.17	0.21		
0.10	DES	0.18	0.19	0.24	
0.11	JOB	0.12	0.12	0.11	0.28
0.11	ADA	0.13	0.11	0.12	0.18
0.11	ACH	0.13	0.12	0.12	0.16
0.11	ABI	0.11	0.11	0.12	0.09
0.10	VIS	0.11	0.11	0.13	0.09
0.11	SKI	0.13	0.13	0.14	0.10
0.11	MOT	0.14	0.13	0.15	0.11
0.10	ETH	0.12	0.12	0.15	0.10
0.11	AIM	0.13	0.12	0.14	0.11
0.11	PHY	0.13	0.11	0.12	0.11
0.13	ADM	0.14	0.14	0.14	0.13
0.11	TEA	0.13	0.13	0.14	0.10
0.14	PSY	0.14	0.13	0.13	0.13

## Covariance Matrix

	ABI	VIS	SKI	MOT	ETH
AIM	-----	-----	-----	-----	-----
-----					
	ABI	0.18			
	VIS	0.11	0.17		
	SKI	0.10	0.14	0.21	

	MOT	0.11	0.14	0.17	0.21	
	ETH	0.11	0.14	0.18	0.18	0.23
	AIM	0.10	0.14	0.17	0.18	0.18
0.22						
	PHY	0.08	0.09	0.11	0.12	0.11
0.12						
	ADM	0.10	0.10	0.13	0.13	0.12
0.13						
	TEA	0.09	0.11	0.14	0.14	0.14
0.14						
	PSY	0.12	0.12	0.12	0.12	0.11
0.13						

## Covariance Matrix

	PHY	ADM	TEA	PSY
PHY	0.23			
ADM	0.17	0.25		
TEA	0.13	0.15	0.21	
PSY	0.11	0.13	0.12	0.20

## BEHAVIOR UNDER STEEPEST DESCENT ITERATIONS

FUNCTION	ITER	TRY	ABSCISSA	SLOPE
	1	0	0.00000000D+00	-0.23516414D+02
0.73300072D+00		1	0.10000000D+01	-0.11861089D+03
0.12599808D+03		2	0.75000000D+00	0.13534470D+03
0.12560103D+03		3	0.11102346D+00	0.31237659D+02
0.13336725D+01		4	0.47683643D-01	0.25839177D+01
0.28161337D+00		5	0.42962990D-01	0.43554119D+00
0.27446750D+00				
	2	0	0.00000000D+00	-0.41650882D+01
0.27446750D+00		1	0.42962990D-01	0.23109631D+01
0.23068698D+00		2	0.27631752D-01	-0.12719343D+00
0.21413188D+00				
	3	0	0.00000000D+00	-0.11171640D+01
0.21413188D+00		1	0.27631752D-01	-0.65254702D+00
0.18978510D+00		2	0.55263504D-01	-0.23143284D+00
0.17766919D+00		3	0.11052701D+00	0.49092001D+00
0.18554363D+00				

0.17579314D+00	4	0.72969241D-01	0.16783188D-01
0.17579314D+00	4	0.00000000D+00	-0.19124789D+01
0.22175657D+00	1	0.72969241D-01	0.34143042D+01
0.14818476D+00	2	0.26198202D-01	-0.16570716D+00
0.14818476D+00	5	0.00000000D+00	-0.41684132D+00
0.13833093D+00	1	0.26198202D-01	-0.33601196D+00
0.13054803D+00	2	0.52396403D-01	-0.25872291D+00
0.12083381D+00	3	0.10479281D+00	-0.11427027D+00
0.12246084D+00	4	0.20958561D+00	0.13748218D+00
0.11829521D+00	5	0.15235819D+00	0.58441972D-02
0.11829521D+00	6	0.00000000D+00	-0.13950610D+01
0.62062992D+00	1	0.15235819D+00	0.88816978D+01
0.10059494D+00	2	0.20682491D-01	-0.30227387D+00
0.99803513D-01	3	0.25016360D-01	-0.62311813D-01
0.99803513D-01	7	0.00000000D+00	-0.13565802D+00
0.96559773D-01	1	0.25016360D-01	-0.12369906D+00
0.93613147D-01	2	0.50032719D-01	-0.11190394D+00
0.88595061D-01	3	0.10006544D+00	-0.88793600D-01
0.81950376D-01	4	0.20013088D+00	-0.44411521D-01
0.81413945D-01	5	0.40026175D+00	0.37639927D-01
0.79625015D-01	6	0.30845458D+00	0.10483998D-02
0.79625015D-01	8	0.00000000D+00	-0.78769432D+00
0.17876801D+01	1	0.30845458D+00	0.14409766D+02
0.70590982D-01	2	0.15987403D-01	-0.33768151D+00
0.68986712D-01	3	0.22684206D-01	-0.14057290D+00

0.68712666D-01	4	0.25445075D-01	-0.57800391D-01
	9	0.00000000D+00	-0.67676813D-01
0.68712666D-01	1	0.25445075D-01	-0.55975748D-01
0.67139464D-01	2	0.50890149D-01	-0.44260856D-01
0.65864169D-01	3	0.10178030D+00	-0.20784351D-01
0.64208810D-01	4	0.20356060D+00	0.26392014D-01
0.64491425D-01	5	0.14662134D+00	-0.39907566D-04
0.63741700D-01			
	10	0.00000000D+00	-0.15435859D+00
0.63741700D-01	1	0.14662134D+00	0.30584990D+00
0.74505488D-01	2	0.49178284D-01	-0.30806880D-02
0.59858490D-01			
	11	0.00000000D+00	-0.68802335D-01
0.59858490D-01	1	0.49178284D-01	-0.48365215D-02
0.58056541D-01			
	12	0.00000000D+00	-0.71590958D-01
0.58056541D-01	1	0.49178284D-01	0.37270249D-02
0.56376694D-01			

TI

Parameter Specifications

LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	0	0	0
QUA	0	0	1
FEE	0	0	2
DEL	0	0	3
RES	0	0	4
LOV	0	0	0
DEC	0	5	0
TRU	0	6	0
DES	0	7	0
JOB	0	0	0
ADA	8	0	0
ACH	9	0	0
ABI	10	0	0

## LAMBDA-X

	ENV	LED
	-----	-----
VIS	0	11
SKI	0	12
MOT	0	13
ETH	0	14
AIM	0	15
PHY	16	0
ADM	17	0
TEA	18	0
PSY	19	0

## BETA

	EFF	PAR	CUL
	-----	-----	-----
EFF	0	20	21
PAR	0	0	0
CUL	0	0	0

## GAMMA

	ENV	LED
	-----	-----
EFF	22	23
PAR	24	25
CUL	26	27

## PHI

	ENV	LED
	-----	-----
ENV	0	
LED	28	0

## PSI

	EFF	PAR	CUL
	-----	-----	-----
EFF	29		
PAR	0	30	
CUL	0	31	32

## THETA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
	-----	-----	-----	-----	-----
-----					



	DECIS	33				
	QUA	34	35			
	FEE	36	37	38		
	DEL	0	39	40	41	
	RES	0	0	0	42	43
	LOV	0	0	0	0	44
45						
	DEC	0	0	0	0	46
47						
	TRU	0	0	0	49	50
51						
	DES	0	0	0	53	54
55						
	JOB	0	0	0	0	0
0						
	ADA	0	0	0	0	0
0						
	ACH	0	61	0	0	0
0						
	ABI	0	0	0	63	0
64						

## THETA-EPS

		DEC	TRU	DES	JOB	ADA
ACH		-----	-----	-----	-----	-----
-----						
	DEC	48				
	TRU	0	52			
	DES	0	56	57		
	JOB	58	0	0	59	
	ADA	0	0	0	0	60
	ACH	0	0	0	0	0
62						
	ABI	65	66	67	68	0
0						

## THETA-EPS

	ABI	-----
ABI	69	

## THETA-DELTA-EPS

		DECIS	QUA	FEE	DEL	RES
LOV		-----	-----	-----	-----	-----
-----						
	VIS	0	0	0	0	0
0						
	SKI	73	74	0	0	75
76						
	MOT	0	0	0	80	0
0						

438

0	ETH	0	0	85	86	0
0	AIM	0	0	0	0	0
94	PHY	0	0	0	0	0
0	ADM	97	98	0	0	99
105	TEA	0	0	103	0	104
0	PSY	0	0	0	116	0

THETA-DELTA-EPS

ACH	DEC	TRU	DES	JOB	ADA	
-----	-----	-----	-----	-----	-----	
0	VIS	0	0	70	0	0
0	SKI	0	0	77	0	0
0	MOT	81	0	82	0	0
0	ETH	0	0	87	0	0
0	AIM	0	0	91	0	0
95	PHY	0	0	0	0	0
0	ADM	0	0	0	0	0
110	TEA	0	106	107	108	109
119	PSY	0	0	0	117	118

THETA-DELTA-EPS

	ABI
	-----
VIS	71
SKI	78
MOT	83
ETH	88
AIM	92
PHY	0
ADM	100
TEA	111
PSY	120

THETA-DELTA

PHY	VIS	SKI	MOT	ETH	AIM
-----	-----	-----	-----	-----	-----

	-----	-----	-----	-----	-----
	VIS	72			
	SKI	0	79		
	MOT	0	0	84	
	ETH	0	89	0	90
	AIM	0	0	0	93
	PHY	0	0	0	0
96					
	ADM	0	0	0	0
101					
	TEA	0	0	0	112
113					
	PSY	121	0	0	122
0					

## THETA-DELTA

	ADM	TEA	PSY
	-----	-----	-----
ADM	102		
TEA	114	115	
PSY	123	0	124

TI

Initial Estimates (TSLs)

## LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	1.00
QUA	- -	- -	1.05
FEE	- -	- -	1.00
DEL	- -	- -	0.95
RES	- -	- -	0.90
LOV	- -	1.00	- -
DEC	- -	0.95	- -
TRU	- -	0.83	- -
DES	- -	0.87	- -
JOB	1.00	- -	- -
ADA	1.05	- -	- -
ACH	0.98	- -	- -
ABI	0.66	- -	- -

## LAMBDA-X

	ENV	LED
	-----	-----
VIS	- -	0.39
SKI	- -	0.36
MOT	- -	0.38
ETH	- -	0.35
AIM	- -	0.39

PHY	0.50	- -
ADM	0.40	- -
TEA	0.35	- -
PSY	0.32	- -

## BETA

	EFF	PAR	CUL
	-----	-----	-----
EFF	- -	0.06	0.07
PAR	- -	- -	- -
CUL	- -	- -	- -

## GAMMA

	ENV	LED
	-----	-----
EFF	0.15	0.16
PAR	0.23	0.24
CUL	0.23	0.21

## Covariance Matrix of ETA and KSI

	EFF	PAR	CUL	ENV	LED
	-----	-----	-----	-----	-----
EFF	0.17				
PAR	0.14	0.20			
CUL	0.13	0.17	0.19		
ENV	0.29	0.37	0.35	1.00	
LED	0.29	0.37	0.34	0.57	1.00

## PHI

	ENV	LED
	-----	-----
ENV	1.00	
LED	0.57	1.00

## PSI

	EFF	PAR	CUL
	-----	-----	-----
EFF	0.06		
PAR	- -	0.02	
CUL	- -	0.01	0.03

## Squared Multiple Correlations for Structural Equations

	EFF	PAR	CUL
	-----	-----	-----
	0.62	0.89	0.83

## Squared Multiple Correlations for Reduced Form

EFF	PAR	CUL
0.62	0.89	0.83

Reduced Form	
ENV	LED
EFF 0.18	0.19
PAR 0.23	0.24
CUL 0.23	0.21

## THETA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
0.18	0.18				
0.01	0.01	0.21			
0.00	0.00	0.02	0.18		
-0.01	- -	0.01	0.01	0.18	
- -	- -	- -	- -	0.02	0.17
- -	- -	- -	- -	- -	0.03
- -	- -	- -	- -	- -	0.02
- -	- -	- -	- -	- -	0.03
- -	- -	- -	- -	- -	0.03
- -	- -	- -	- -	- -	0.02
- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -
- -	- -	0.02	- -	- -	- -
0.02	- -	- -	- -	0.03	- -

## THETA-EPS

ACH	DEC	TRU	DES	JOB	ADA
0.20	0.19				
	- -	0.20			
	- -	0.05	0.23		
	-0.01	- -	- -	0.27	
	- -	- -	- -	- -	0.18
	- -	- -	- -	- -	- -

- -	ABI	0.03	0.03	0.04	-0.02	- -
-----	-----	------	------	------	-------	-----

## THETA-EPS

	ABI	
ABI	0.21	

## THETA-DELTA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
- -	- -	- -	- -	- -	- -
0.02	0.03	0.02	- -	- -	0.03
- -	- -	- -	- -	0.01	- -
- -	- -	- -	0.00	0.02	- -
- -	- -	- -	- -	- -	- -
-0.07	- -	- -	- -	- -	- -
- -	0.04	0.04	- -	- -	0.04
0.00	- -	- -	0.02	- -	0.02
- -	- -	- -	- -	0.06	- -

## THETA-DELTA-EPS

ACH	DEC	TRU	DES	JOB	ADA
- -	- -	- -	-0.03	- -	- -
- -	- -	- -	0.04	- -	- -
- -	0.02	- -	0.04	- -	- -
- -	- -	- -	0.04	- -	- -
- -	- -	- -	0.02	- -	- -
-0.03	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -
0.03	- -	0.03	0.04	0.02	0.01

0.08 PSY - - - - 0.07 0.08

THETA-DELTA-EPS

ABI  
 -----  
 VIS 0.03  
 SKI 0.05  
 MOT 0.05  
 ETH 0.05  
 AIM 0.04  
 PHY - -  
 ADM 0.04  
 TEA 0.04  
 PSY 0.08

THETA-DELTA

PHY	VIS	SKI	MOT	ETH	AIM
-----	-----	-----	-----	-----	-----
VIS	-0.01				
SKI	- -	0.24			
MOT	- -	- -	0.23		
ETH	- -	0.07	- -	0.25	
AIM	- -	- -	- -	- -	0.22
PHY	- -	- -	- -	- -	- -
-0.01					
ADM	- -	- -	- -	- -	- -
-0.04					
TEA	- -	- -	- -	0.08	- -
-0.06					
PSY	0.05	- -	- -	0.06	- -
- -					

THETA-DELTA

	ADM	TEA	PSY
-----	-----	-----	-----
ADM	0.26		
TEA	0.03	0.23	
PSY	0.04	- -	0.27

Behavior under Minimization Iterations

Function	Iter	Try	Abscissa	Slope
	1	0	0.00000000D+00	-0.24746792D+02
0.81056138D+01		1	0.10000000D+01	0.54163588D+01
0.70772605D+00		2	0.82043126D+00	-0.57170251D+01
0.11960887D+01				

444

0.74223340D+00	3	0.91264033D+00	-0.36735171D+01
0.64425960D+00	4	0.94794524D+00	-0.16741779D+01
0.64425960D+00	2	0	0.00000000D+00
	0	0.00000000D+00	-0.38272672D+01
	1	0.94794524D+00	
	2	0.47397262D+00	
	3	0.23698631D+00	
0.49021151D+00	4	0.11849316D+00	0.30389817D+01
0.46443516D+00	5	0.66048431D-01	-0.13679677D+01
0.44969807D+00	6	0.82327876D-01	-0.40262117D+00
0.44861001D+00	7	0.86558726D-01	-0.10826473D+00
0.44861001D+00	3	0	0.00000000D+00
	0	0.00000000D+00	-0.17375194D+01
0.37978168D+00	1	0.86558726D-01	0.17748224D+00
0.37916564D+00	2	0.78536468D-01	-0.21895180D-01
0.37916564D+00	4	0	0.00000000D+00
	0	0.00000000D+00	-0.67655566D+00
0.34577836D+00	1	0.78536468D-01	-0.15847509D+00
0.35828207D+00	2	0.15707294D+00	0.51566941D+00
0.34412226D+00	3	0.96998495D-01	-0.19407430D-01
0.34412226D+00	5	0	0.00000000D+00
	0	0.00000000D+00	-0.29715901D+00
0.32422761D+00	1	0.96998495D-01	-0.11546471D+00
0.32147344D+00	2	0.19399699D+00	0.58456301D-01
0.32052020D+00	3	0.16139499D+00	0.72602041D-04
0.32052020D+00	6	0	0.00000000D+00
	0	0.00000000D+00	-0.16931383D+00
0.30478619D+00	1	0.16139499D+00	-0.21295122D-01
0.31585862D+00	2	0.32278998D+00	0.16857873D+00
0.30456803D+00	3	0.17949609D+00	-0.27209885D-02
0.30456803D+00	7	0	0.00000000D+00
	0	0.00000000D+00	-0.11065021D+00



0.29332288D+00	1	0.17949609D+00	-0.16967656D-01
0.29795001D+00	2	0.35899218D+00	0.67802720D-01
0.29302641D+00	3	0.21542406D+00	0.41274970D-03
0.29302641D+00	8	0	0.00000000D+00
0.28163637D+00	0	0.00000000D+00	-0.76589681D-01
0.28069751D+00	1	0.21542406D+00	-0.28976440D-01
0.27978417D+00	2	0.43084813D+00	0.20814407D-01
	3	0.34079294D+00	-0.41252674D-03
0.27978417D+00	9	0	0.00000000D+00
0.27065264D+00	0	0.00000000D+00	-0.52527883D-01
	1	0.34079294D+00	-0.11801756D-02
0.27065264D+00	10	0	0.00000000D+00
0.26357417D+00	0	0.00000000D+00	-0.38721455D-01
	1	0.34079294D+00	-0.31837396D-02
0.26357417D+00	11	0	0.00000000D+00
0.25801474D+00	0	0.00000000D+00	-0.29799245D-01
	1	0.34079294D+00	-0.28747924D-02
0.25801474D+00	12	0	0.00000000D+00
0.25354238D+00	0	0.00000000D+00	-0.22538630D-01
0.25553855D+00	1	0.34079294D+00	-0.36904318D-02
0.25342002D+00	2	0.68158588D+00	0.15504067D-01
	3	0.40631552D+00	-0.41951234D-04
0.25342002D+00	13	0	0.00000000D+00
0.24935689D+00	0	0.00000000D+00	-0.17211068D-01
0.25082548D+00	1	0.40631552D+00	-0.30097174D-02
0.24922066D+00	2	0.81263105D+00	0.10089702D-01
	3	0.49967042D+00	0.82080082D-04
0.24922066D+00	14	0	0.00000000D+00
0.24495660D+00	0	0.00000000D+00	-0.14328833D-01
0.24670528D+00	1	0.49967042D+00	-0.26390940D-02
	2	0.99934084D+00	0.97845181D-02

0.24481247D+00	3	0.60581324D+00	-0.70897276D-04
0.24481247D+00	15	0.00000000D+00	-0.12095898D-01
0.23972390D+00	1	0.60581324D+00	-0.46959727D-02
0.23914288D+00	2	0.12116265D+01	0.28041362D-02
0.23882798D+00	3	0.98512539D+00	-0.19048155D-04
0.23882798D+00	16	0.00000000D+00	-0.10772721D-01
0.23283629D+00	1	0.98512539D+00	-0.13849096D-02
0.23616323D+00	2	0.19702508D+01	0.81979654D-02
0.23273627D+00	3	0.11274949D+01	-0.19424099D-04
0.23273627D+00	17	0.00000000D+00	-0.96342747D-02
0.22829046D+00	1	0.11274949D+01	0.16108564D-02
0.22815650D+00	2	0.96598216D+00	0.46057948D-04
0.22815650D+00	18	0.00000000D+00	-0.84700879D-02
0.22383659D+00	1	0.96598216D+00	-0.38153080D-03
0.22383659D+00	19	0.00000000D+00	-0.75292720D-02
0.21954773D+00	1	0.96598216D+00	-0.13356183D-02
0.22130446D+00	2	0.19319643D+01	0.50082824D-02
0.21941010D+00	3	0.11693560D+01	-0.16644848D-04
0.21941010D+00	20	0.00000000D+00	-0.65763694D-02
0.21822293D+00	1	0.11693560D+01	0.46444462D-02
0.21712197D+00	2	0.68534385D+00	-0.73572522D-04
0.21712197D+00	21	0.00000000D+00	-0.57003740D-02
0.21508605D+00	1	0.68534385D+00	-0.20472801D-03
0.21508605D+00	22	0.00000000D+00	-0.48992229D-02

0.21293552D+00	1	0.68534385D+00	-0.13696784D-02
0.21322125D+00	2	0.13706877D+01	0.22150390D-02
0.21275494D+00	3	0.94720569D+00	-0.80311347D-05
	23	0.00000000D+00	-0.43112176D-02
0.21275494D+00	1	0.94720569D+00	-0.98536122D-03
0.21024859D+00	2	0.18944114D+01	0.23325950D-02
0.21088576D+00	3	0.12285053D+01	-0.89537174D-06
0.21010987D+00			
	24	0.00000000D+00	-0.38095426D-02
0.21010987D+00	1	0.12285053D+01	0.29293414D-03
0.20794038D+00			
	25	0.00000000D+00	-0.34539937D-02
0.20794038D+00	1	0.12285053D+01	-0.12407716D-03
0.20576094D+00			
	26	0.00000000D+00	-0.31150553D-02
0.20576094D+00	1	0.12285053D+01	-0.93073162D-03
0.20327384D+00	2	0.24570106D+01	0.12829646D-02
0.20348613D+00	3	0.17450209D+01	-0.47690474D-05
0.20303198D+00			
	27	0.00000000D+00	-0.28707677D-02
0.20303198D+00	1	0.17450209D+01	-0.58017130D-03
0.20003553D+00	2	0.34900419D+01	0.16257356D-02
0.20095795D+00	3	0.22039755D+01	0.69899057D-05
0.19990421D+00			
	28	0.00000000D+00	-0.26578302D-02
0.19990421D+00	1	0.22039755D+01	-0.46549536D-03
0.19645988D+00	2	0.44079510D+01	0.17546936D-02
0.19787277D+00	3	0.26660715D+01	-0.32787907D-05
0.19635152D+00			
	29	0.00000000D+00	-0.24496838D-02
0.19635152D+00			

0.19344623D+00	1	0.26660715D+01	0.25298206D-03
0.19341415D+00	2	0.24165148D+01	0.40216334D-05
0.19341415D+00	30	0.00000000D+00	-0.22858718D-02
0.19102233D+00	1	0.24165148D+01	0.32537873D-03
0.19097439D+00	2	0.21154014D+01	-0.66149399D-05
0.18929628D+00	31	0.00000000D+00	-0.21084875D-02
0.18918699D+00	1	0.21154014D+01	0.52151477D-03
0.18918699D+00	2	0.16959291D+01	-0.28553736D-06
0.18918699D+00	32	0.00000000D+00	-0.19538039D-02
0.18757846D+00	1	0.16959291D+01	0.57569016D-04
0.18757846D+00	33	0.00000000D+00	-0.17387041D-02
0.18660123D+00	1	0.16959291D+01	0.60089570D-03
0.18647249D+00	2	0.12603519D+01	-0.86439037D-05
0.18647249D+00	34	0.00000000D+00	-0.15392503D-02
0.18539059D+00	1	0.12603519D+01	-0.17934473D-03
0.18601729D+00	2	0.25207037D+01	0.11731284D-02
0.18537563D+00	3	0.14274808D+01	0.28824367D-06
0.18537563D+00	35	0.00000000D+00	-0.13613648D-02
0.18454875D+00	1	0.14274808D+01	0.21148329D-03
0.18452877D+00	2	0.12355435D+01	-0.31015120D-05
0.18452877D+00	36	0.00000000D+00	-0.11830370D-02
0.18392471D+00	1	0.12355435D+01	0.20339779D-03
0.18390621D+00	2	0.10542823D+01	0.61174504D-06
0.18390621D+00	37	0.00000000D+00	-0.10084998D-02

0.18335036D+00	1	0.10542823D+01	-0.44867821D-04
0.18335036D+00	38	0.00000000D+00	-0.85946030D-03
0.18293670D+00	1	0.10542823D+01	0.73548991D-04
0.18293670D+00	39	0.00000000D+00	-0.73756643D-03
0.18253902D+00	1	0.10542823D+01	-0.17634980D-04
0.18253902D+00	40	0.00000000D+00	-0.61436644D-03
0.18234952D+00	1	0.10542823D+01	0.25809550D-03
0.18230964D+00	2	0.74239988D+00	-0.20255727D-05
0.18230964D+00	41	0.00000000D+00	-0.48192714D-03
0.18215472D+00	1	0.74239988D+00	0.63825003D-04
0.18215194D+00	2	0.65557718D+00	0.22936330D-06
0.18215194D+00	42	0.00000000D+00	-0.37595204D-03
0.18202818D+00	1	0.65557718D+00	-0.15006178D-05
0.18202818D+00	43	0.00000000D+00	-0.28633962D-03
0.18192660D+00	1	0.65557718D+00	-0.23153283D-04
0.18192660D+00	44	0.00000000D+00	-0.22637369D-03
0.18184527D+00	1	0.65557718D+00	-0.21975800D-04
0.18184527D+00	45	0.00000000D+00	-0.19016969D-03
0.18175942D+00	1	0.65557718D+00	-0.71726394D-04
0.18175126D+00	2	0.13111544D+01	0.46847779D-04
0.18174519D+00	3	0.10521407D+01	-0.17436550D-07
0.18174519D+00	46	0.00000000D+00	-0.15806309D-03
0.18165687D+00	1	0.10521407D+01	-0.98723033D-05

450

47	0	0.00000000D+00	-0.14175352D-03
0.18165687D+00	1	0.10521407D+01	-0.72159650D-04
0.18154434D+00	2	0.21042813D+01	-0.26056422D-05
0.18150501D+00			
48	0	0.00000000D+00	-0.13109730D-03
0.18150501D+00	1	0.21042813D+01	-0.25512240D-04
0.18134020D+00	2	0.42085627D+01	0.80305202D-04
0.18139781D+00	3	0.26116167D+01	-0.24037448D-07
0.18133373D+00			
49	0	0.00000000D+00	-0.12201529D-03
0.18133373D+00	1	0.26116167D+01	0.18665543D-04
0.18119943D+00	2	0.22651072D+01	0.17101858D-06
0.18119616D+00			
50	0	0.00000000D+00	-0.11400146D-03
0.18119616D+00	1	0.22651072D+01	0.34248495D-06
0.18106750D+00			
51	0	0.00000000D+00	-0.10512365D-03
0.18106750D+00	1	0.22651072D+01	-0.17273827D-04
0.18092895D+00	2	0.45302144D+01	0.70193425D-04
0.18098895D+00	3	0.27124411D+01	0.28584090D-07
0.18092509D+00			
52	0	0.00000000D+00	-0.98014345D-04
0.18092509D+00	1	0.27124411D+01	-0.14150907D-04
0.18077300D+00	2	0.54248823D+01	0.69635691D-04
0.18084826D+00	3	0.31705514D+01	0.37551716D-08
0.18076976D+00			
53	0	0.00000000D+00	-0.92085901D-04
0.18076976D+00	1	0.31705514D+01	-0.37094518D-05
0.18061784D+00			
54	0	0.00000000D+00	-0.86370073D-04
0.18061784D+00	1	0.31705514D+01	0.67942218D-05
0.18049161D+00			

55	0	0.00000000D+00	-0.80885787D-04
0.18049161D+00	1	0.31705514D+01	-0.11358945D-06
0.18036319D+00			
56	0	0.00000000D+00	-0.75490955D-04
0.18036319D+00	1	0.31705514D+01	-0.18531855D-04
0.18021414D+00	2	0.63411029D+01	0.38462073D-04
0.18024572D+00	3	0.42014717D+01	-0.67169722D-08
0.18020458D+00			
57	0	0.00000000D+00	-0.72491191D-04
0.18020458D+00	1	0.42014717D+01	-0.15771336D-04
0.18001915D+00	2	0.84029435D+01	0.41035243D-04
0.18007218D+00	3	0.53679356D+01	-0.11614244D-07
0.18000994D+00			
58	0	0.00000000D+00	-0.69794661D-04
0.18000994D+00	1	0.53679356D+01	-0.81485005D-05
0.17980068D+00	2	0.10735871D+02	0.53735464D-04
0.17992288D+00	3	0.60747524D+01	-0.17354094D-07
0.17979779D+00			
59	0	0.00000000D+00	-0.67413292D-04
0.17979779D+00	1	0.60747524D+01	-0.14784641D-04
0.17954816D+00	2	0.12149505D+02	0.37811919D-04
0.17961810D+00	3	0.77823363D+01	0.17766528D-09
0.17953554D+00			
60	0	0.00000000D+00	-0.65695097D-04
0.17953554D+00	1	0.77823363D+01	-0.11986883D-04
0.17923340D+00	2	0.15564673D+02	0.41616926D-04
0.17934869D+00	3	0.95226223D+01	0.15089327D-08
0.17922297D+00			
61	0	0.00000000D+00	-0.63434886D-04
0.17922297D+00	1	0.95226223D+01	0.42122470D-04
0.17912197D+00	2	0.57226373D+01	0.69213298D-07
0.17904179D+00			

62	0	0.00000000D+00	-0.60646262D-04
0.17904179D+00	1	0.57226373D+01	0.68767150D-05
0.17888846D+00	2	0.51398290D+01	0.48606006D-07
0.17888644D+00			
63	0	0.00000000D+00	-0.56946759D-04
0.17888644D+00	1	0.51398290D+01	0.20665715D-04
0.17879294D+00	2	0.37712573D+01	-0.60540409D-07
0.17877884D+00			
64	0	0.00000000D+00	-0.52901982D-04
0.17877884D+00	1	0.37712573D+01	0.15463476D-04
0.17870828D+00	2	0.29182425D+01	0.87522324D-08
0.17870168D+00			
65	0	0.00000000D+00	-0.48081441D-04
0.17870168D+00	1	0.29182425D+01	0.66190186D-05
0.17864107D+00	2	0.25651211D+01	-0.24330495D-07
0.17863991D+00			
66	0	0.00000000D+00	-0.43687688D-04
0.17863991D+00	1	0.25651211D+01	-0.16834214D-05
0.17858172D+00			
67	0	0.00000000D+00	-0.39001622D-04
0.17858172D+00	1	0.25651211D+01	0.24533412D-04
0.17856304D+00	2	0.15746255D+01	-0.68236144D-07
0.17855093D+00			
68	0	0.00000000D+00	-0.32541655D-04
0.17855093D+00	1	0.15746255D+01	0.80989232D-05
0.17853172D+00	2	0.12608314D+01	0.16271937D-07
0.17853044D+00			
69	0	0.00000000D+00	-0.27354929D-04
0.17853044D+00	1	0.12608314D+01	0.34153887D-05
0.17851532D+00	2	0.11208839D+01	-0.13110326D-07
0.17851509D+00			



70	0	0.00000000D+00	-0.21614739D-04
0.17851509D+00	1	0.11208839D+01	-0.36456782D-05
0.17850093D+00	2	0.22417679D+01	0.14312546D-04
0.17850691D+00	3	0.13484333D+01	0.84564500D-09
0.17850052D+00			
71	0	0.00000000D+00	-0.17846939D-04
0.17850052D+00	1	0.13484333D+01	-0.47873857D-05
0.17848525D+00	2	0.26968665D+01	0.82808184D-05
0.17848761D+00	3	0.18424162D+01	-0.11203719D-08
0.17848407D+00			
72	0	0.00000000D+00	-0.15227080D-04
0.17848407D+00	1	0.18424162D+01	0.84638870D-06
0.17847083D+00			
73	0	0.00000000D+00	-0.12604596D-04
0.17847083D+00	1	0.18424162D+01	0.22790355D-05
0.17846132D+00	2	0.15602988D+01	0.38952673D-08
0.17846100D+00			
74	0	0.00000000D+00	-0.11081762D-04
0.17846100D+00	1	0.15602988D+01	-0.21443977D-05
0.17845068D+00	2	0.31205976D+01	0.68165968D-05
0.17845432D+00	3	0.19336838D+01	-0.21762943D-08
0.17845028D+00			
75	0	0.00000000D+00	-0.98098333D-05
0.17845028D+00	1	0.19336838D+01	-0.16265919D-05
0.17843922D+00	2	0.38673676D+01	0.65846334D-05
0.17844401D+00	3	0.23167344D+01	-0.22457248D-08
0.17843891D+00			
76	0	0.00000000D+00	-0.86096119D-05
0.17843891D+00	1	0.23167344D+01	0.16872081D-07
0.17842895D+00			
77	0	0.00000000D+00	-0.76779334D-05
0.17842895D+00			

0.17841863D+00	1	0.23167344D+01	-0.12312825D-05
0.17842325D+00	2	0.46334688D+01	0.52209266D-05
0.17841836D+00	3	0.27588395D+01	-0.44563350D-09
0.17841836D+00	78	0.00000000D+00	-0.71493454D-05
0.17840314D+00	1	0.27588395D+01	-0.38827763D-05
0.17839694D+00	2	0.55176790D+01	-0.60940824D-06
0.17839694D+00	79	0.00000000D+00	-0.71779290D-05
0.17837619D+00	1	0.55176790D+01	-0.32536088D-06
0.17837619D+00	80	0.00000000D+00	-0.69152623D-05
0.17835760D+00	1	0.55176790D+01	0.18508503D-06
0.17835760D+00	81	0.00000000D+00	-0.66035050D-05
0.17833767D+00	1	0.55176790D+01	-0.62048301D-06
0.17833767D+00	82	0.00000000D+00	-0.67230943D-05
0.17831574D+00	1	0.55176790D+01	-0.12264490D-05
0.17832412D+00	2	0.11035358D+02	0.42598088D-05
0.17831499D+00	3	0.67511521D+01	0.76963912D-09
0.17831499D+00	83	0.00000000D+00	-0.64062976D-05
0.17829179D+00	1	0.67511521D+01	-0.46747911D-06
0.17829179D+00	84	0.00000000D+00	-0.63962952D-05
0.17827073D+00	1	0.67511521D+01	0.15150759D-06
0.17827073D+00	85	0.00000000D+00	-0.61626779D-05
0.17824577D+00	1	0.67511521D+01	-0.12306261D-05
0.17825414D+00	2	0.13502304D+02	0.37105700D-05
0.17824474D+00	3	0.84325555D+01	-0.93837747D-09

86	0	0.00000000D+00	-0.59739056D-05
0.17824474D+00	1	0.84325555D+01	-0.11374434D-05
0.17821475D+00	2	0.16865111D+02	0.37082534D-05
0.17822558D+00	3	0.10411952D+02	-0.92058211D-09
0.17821362D+00			
87	0	0.00000000D+00	-0.58340449D-05
0.17821362D+00	1	0.10411952D+02	-0.21592180D-05
0.17817203D+00	2	0.20823904D+02	0.14879903D-05
0.17816856D+00	3	0.16576029D+02	0.32669970D-08
0.17816539D+00			
88	0	0.00000000D+00	-0.57296889D-05
0.17816539D+00	1	0.16576029D+02	-0.68870502D-06
0.17811224D+00	2	0.33152058D+02	0.43236063D-05
0.17814240D+00	3	0.18853620D+02	0.15532000D-08
0.17811146D+00			
89	0	0.00000000D+00	-0.56367518D-05
0.17811146D+00	1	0.18853620D+02	0.31667389D-06
0.17806131D+00			
90	0	0.00000000D+00	-0.58534039D-05
0.17806131D+00	1	0.18853620D+02	0.85386238D-05
0.17808660D+00	2	0.76679849D+01	-0.13768938D-08
0.17803886D+00			
91	0	0.00000000D+00	-0.52421080D-05
0.17803886D+00	1	0.76679849D+01	0.49691035D-05
0.17803780D+00	2	0.39364972D+01	-0.30122868D-08
0.17802853D+00			
92	0	0.00000000D+00	-0.49509951D-05
0.17802853D+00	1	0.39364972D+01	-0.27203853D-05
0.17801344D+00	2	0.78729943D+01	-0.50027981D-06
0.17800710D+00	3	0.15745989D+02	0.39124524D-05
0.17802056D+00			

0.17800688D+00	4	0.87655706D+01	0.17586200D-08
0.17800688D+00	93 0	0.00000000D+00	-0.47977761D-05
0.17798244D+00	1	0.87655706D+01	-0.78750447D-06
0.17799296D+00	2	0.17531141D+02	0.31835475D-05
0.17798176D+00	3	0.10503882D+02	0.21337153D-08
0.17798176D+00	94 0	0.00000000D+00	-0.46229115D-05
0.17797168D+00	1	0.10503882D+02	0.27094050D-05
0.17796643D+00	2	0.66225344D+01	-0.41463730D-08
0.17796643D+00	95 0	0.00000000D+00	-0.43207249D-05
0.17796355D+00	1	0.66225344D+01	0.34478598D-05
0.17795848D+00	2	0.36833156D+01	0.16536861D-08
0.17795848D+00	96 0	0.00000000D+00	-0.38795341D-05
0.17795460D+00	1	0.36833156D+01	0.17718363D-05
0.17795358D+00	2	0.25285104D+01	0.15137075D-08
0.17795358D+00	97 0	0.00000000D+00	-0.33502977D-05
0.17794895D+00	1	0.25285104D+01	-0.31516884D-06
0.17794895D+00	98 0	0.00000000D+00	-0.30239731D-05
0.17794542D+00	1	0.25285104D+01	0.23639338D-06
0.17794542D+00	99 0	0.00000000D+00	-0.25174316D-05
0.17794401D+00	1	0.25285104D+01	0.14034574D-05
0.17794338D+00	2	0.16234461D+01	0.30495749D-09
0.17794338D+00	100 0	0.00000000D+00	-0.19603080D-05
0.17794211D+00	1	0.16234461D+01	0.39467468D-06
0.17794205D+00	2	0.13513706D+01	-0.37976360D-10

101	0	0.00000000D+00	-0.14920905D-05
0.17794205D+00	1	0.13513706D+01	-0.18914683D-06
0.17794092D+00	2	0.27027412D+01	0.11134873D-05
0.17794154D+00	3	0.15475941D+01	0.19041985D-10
0.17794090D+00			
102	0	0.00000000D+00	-0.11917996D-05
0.17794090D+00	1	0.15475941D+01	-0.27994262D-06
0.17793976D+00	2	0.30951882D+01	0.63139169D-06
0.17794003D+00	3	0.20229823D+01	0.55384154D-10
0.17793969D+00			
103	0	0.00000000D+00	-0.96971830D-06
0.17793969D+00	1	0.20229823D+01	0.17993721D-06
0.17793890D+00	2	0.17063572D+01	-0.83866629D-10
0.17793887D+00			
104	0	0.00000000D+00	-0.70406625D-06
0.17793887D+00	1	0.17063572D+01	0.36867991D-06
0.17793858D+00	2	0.11199187D+01	0.30062625D-10
0.17793847D+00			
105	0	0.00000000D+00	-0.51168788D-06
0.17793847D+00	1	0.11199187D+01	-0.13776594D-06
0.17793811D+00	2	0.22398374D+01	0.23611806D-06
0.17793816D+00	3	0.15325779D+01	0.43952975D-11
0.17793808D+00			
106	0	0.00000000D+00	-0.41780356D-06
0.17793808D+00	1	0.15325779D+01	-0.15145962D-06
0.17793764D+00	2	0.30651557D+01	0.11495511D-06
0.17793762D+00	3	0.24038647D+01	-0.86970459D-11
0.17793758D+00			
107	0	0.00000000D+00	-0.34489010D-06
0.17793758D+00	1	0.24038647D+01	0.46800659D-07
0.17793722D+00			

0.17793721D+00	2	0.21166421D+01	0.78559225D-11
0.17793721D+00	108	0.00000000D+00	-0.27274098D-06
0.17793692D+00	1	0.21166421D+01	-0.53638333D-09
0.17793692D+00	109	0.00000000D+00	-0.22013423D-06
0.17793687D+00	1	0.21166421D+01	0.16525735D-06
0.17793679D+00	2	0.12090180D+01	0.28322214D-10
0.17793679D+00	110	0.00000000D+00	-0.12800077D-06
0.17793677D+00	1	0.12090180D+01	0.89217658D-07
0.17793675D+00	2	0.71244066D+00	0.13333921D-10
0.17793675D+00	111	0.00000000D+00	-0.73876290D-07
0.17793672D+00	1	0.71244066D+00	0.38517821D-08
0.17793672D+00	112	0.00000000D+00	-0.32965566D-07
0.17793671D+00	1	0.71244066D+00	0.49898965D-08
0.17793671D+00	2	0.61877812D+00	-0.19828563D-12
0.17793671D+00	113	0.00000000D+00	-0.14268906D-07
0.17793671D+00	1	0.61877812D+00	-0.22924787D-09
0.17793671D+00	114	0.00000000D+00	-0.52505818D-08
0.17793670D+00	1	0.61877812D+00	-0.26435862D-09
0.17793670D+00	115	0.00000000D+00	-0.28865259D-08
0.17793670D+00	1	0.61877812D+00	-0.64865214D-09
0.17793670D+00	2	0.12375562D+01	0.15892690D-08
0.17793670D+00	3	0.79812839D+00	-0.48735348D-14
0.17793670D+00	116	0.00000000D+00	-0.17913630D-08

0.17793670D+00	1	0.79812839D+00	-0.29217946D-09
0.17793670D+00	2	0.15962568D+01	0.12070119D-08
0.17793670D+00	3	0.95367672D+00	-0.61831997D-15
0.17793670D+00			
117	0	0.00000000D+00	-0.99600633D-09
0.17793670D+00	1	0.95367672D+00	0.25767352D-09
0.17793670D+00	2	0.75766397D+00	0.50753985D-14
0.17793670D+00			
118	0	0.00000000D+00	-0.52660708D-09
0.17793670D+00	1	0.75766397D+00	0.50725252D-10
0.17793670D+00			
119	0	0.00000000D+00	-0.28938332D-09
0.17793670D+00	1	0.75766397D+00	-0.16396025D-10
0.17793670D+00			
120	0	0.00000000D+00	-0.10847088D-09
0.17793670D+00	1	0.75766397D+00	0.22867250D-10
0.17793670D+00	2	0.62574728D+00	-0.34937631D-16
0.17793670D+00			
121	0	0.00000000D+00	-0.48546097D-10
0.17793670D+00	1	0.62574728D+00	0.10780322D-10
0.17793670D+00	2	0.51204149D+00	-0.12002936D-16
0.17793670D+00			
122	0	0.00000000D+00	-0.19116123D-10
0.17793670D+00	1	0.51204149D+00	0.20188487D-11
0.17793670D+00	2	0.46313041D+00	-0.17772202D-19
0.17793670D+00			
123	0	0.00000000D+00	-0.71737063D-11
0.17793670D+00	1	0.46313041D+00	0.23563896D-11
0.17793670D+00	2	0.34861785D+00	0.31711552D-18
0.17793670D+00			
124	0	0.00000000D+00	-0.17057895D-11
0.17793670D+00	1	0.34861785D+00	-0.83760982D-12
0.17793670D+00			

0.17793670D+00	2	0.69723570D+00	0.30569950D-13
0.17793670D+00	125	0.00000000D+00	-0.49080533D-12
0.17793670D+00	1	0.69723570D+00	0.53243830D-13
0.17793670D+00	2	0.62900014D+00	-0.68867048D-20
0.17793670D+00	126	0.00000000D+00	-0.20972593D-12
0.17793670D+00	1	0.62900014D+00	0.30992748D-13
0.17793670D+00	2	0.54801580D+00	-0.33237628D-20

TI

Number of Iterations =126

LISREL Estimates (Maximum Likelihood)

LAMBDA-Y			
	EFF	PAR	CUL
DECIS	- -	- -	0.41
QUA	- -	- -	0.43 (0.01) 29.19
FEE	- -	- -	0.42 (0.01) 29.37
DEL	- -	- -	0.41 (0.02) 26.38
RES	- -	- -	0.39 (0.01) 26.72
LOV	- -	0.44	- -
DEC	- -	0.43 (0.01) 29.54	- -
TRU	- -	0.39 (0.02)	- -



		21.32	
DES	- -	0.41 (0.02) 20.30	- -
JOB	0.41	- -	- -
ADA	0.43 (0.02) 19.94	- -	- -
ACH	0.40 (0.02) 18.70	- -	- -
ABI	0.27 (0.02) 13.19	- -	- -
LAMBDA-X			
	ENV	LED	
	-----	-----	
VIS	- -	0.33 (0.02) 20.88	
SKI	- -	0.40 (0.02) 23.01	
MOT	- -	0.42 (0.02) 25.32	
ETH	- -	0.41 (0.02) 22.89	
AIM	- -	0.42 (0.02) 24.77	
PHY	0.33 (0.02) 15.93	- -	
ADM	0.35 (0.02) 16.88	- -	

TEA	0.34	- -
	(0.02)	
	18.08	

PSY	0.34	- -
	(0.02)	
	18.32	

## BETA

	EFF	PAR	CUL
EFF	- -	-0.14 (0.09) -1.53	1.21 (0.48) 2.52
PAR	- -	- -	- -
CUL	- -	- -	- -

## GAMMA

	ENV	LED
EFF	0.35 (0.64) 0.54	0.16 (0.21) 0.77
PAR	0.32 (0.17) 6.85	1.36 (0.17) 1.91
CUL	0.51 (0.21) 7.45	0.20 (0.21) 3.18

## Covariance Matrix of ETA and KSI

	EFF	PAR	CUL	ENV	LED
EFF	1.00				
PAR	0.73	1.00			
CUL	0.86	0.88	1.00		
ENV	0.88	0.91	1.00	1.00	
LED	0.64	0.72	0.73	0.88	1.00

## PHI

	ENV	LED
ENV	1.00	

LED	0.88 (0.02) 39.73	1.00
-----	-------------------------	------

## PSI

	EFF	PAR	CUL
EFF	0.26 (0.04) 6.09		
PAR	- -	0.15 (0.06) 2.77	
CUL	- -	0.08 (0.06) 1.38	0.10 (0.08) 1.35

## Squared Multiple Correlations for Structural Equations

EFF	PAR	CUL
0.74	0.85	1.10

## Squared Multiple Correlations for Reduced Form

EFF	PAR	CUL
0.86	0.85	1.10

## Reduced Form

	ENV	LED
EFF	1.40 (0.22) 6.41	0.59 (0.21) 2.87
PAR	0.32 (0.17) 6.85	1.36 (0.17) 1.91
CUL	0.51 (0.21) 7.45	0.20 (0.21) 3.18

## THETA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
-----	-----	-----	-----	-----	-----
DECIS	0.05 (0.00) 11.84				
QUA	0.02 (0.00) 4.89	0.07 (0.01) 12.17			
FEE	0.01 (0.00) 2.03	0.02 (0.00) 4.99	0.04 (0.00) 10.03		
DEL	- -	0.01 (0.00) 3.19	0.01 (0.00) 2.68	0.05 (0.00) 11.08	
RES	- -	- -	- -	0.00 (0.00) 1.83	0.04 (0.00) 10.77
LOV	- -	- -	- -	- -	0.02 (0.00) 4.56
0.04 (0.01) 5.33					
DEC	- -	- -	- -	- -	0.01 (0.00) 3.28
0.01 (0.01) 1.65					
TRU	- -	- -	- -	0.01 (0.00) 4.45	0.01 (0.00) 3.66
-0.01 (0.00) -3.29					
DES	- -	- -	- -	0.02 (0.00) 4.90	0.01 (0.00) 2.21
-0.02 (0.00) -4.79					
JOB	- -	- -	- -	- -	- -
- -					

- -	ADA	- -	- -	- -	- -	- -
- -	ACH	- -	0.01	- -	- -	- -
			(0.00)			
			1.80			
0.01	ABI	- -	- -	- -	0.01	- -
(0.00)					(0.00)	
3.13					2.21	

THETA-EPS

ACH	DEC	TRU	DES	JOB	ADA	
-----	-----	-----	-----	-----	-----	
DEC	0.05 (0.01) 8.72					
TRU	- -	0.06 (0.01) 9.99				
DES	- -	0.02 (0.00) 5.09	0.07 (0.01) 10.53			
JOB	-0.01 (0.00) -2.45	- -	- -	0.11 (0.01) 12.50		
ADA	- -	- -	- -	- -	0.05 (0.01) 9.70	
ACH	- -	- -	- -	- -	- -	
0.07						
(0.01)						
11.52						
- -	ABI	0.02	0.02	0.03	-0.02	- -
		(0.00)	(0.00)	(0.00)	(0.01)	
		3.67	4.13	5.63	-3.20	

## THETA-EPS

	ABI
	-----
ABI	0.10
	(0.01)
	13.89

## Squared Multiple Correlations for Y - Variables

	DECIS	QUA	FEE	DEL	RES
LOV	-----	-----	-----	-----	-----
-----					
0.83	0.77	0.73	0.81	0.79	0.80

## Squared Multiple Correlations for Y - Variables

	DEC	TRU	DES	JOB	ADA
ACH	-----	-----	-----	-----	-----
-----					
0.70	0.79	0.73	0.72	0.60	0.79

## Squared Multiple Correlations for Y - Variables

	ABI
	-----
	0.42

## THETA-DELTA-EPS

	DECIS	QUA	FEE	DEL	RES
LOV	-----	-----	-----	-----	-----
-----					
VIS	- -	- -	- -	- -	- -
- -					
0.01	0.01	0.01	- -	- -	0.01
(0.00)	(0.00)	(0.00)			(0.00)
3.90	2.61	3.33			3.33
-----					
MOT	- -	- -	- -	-0.01	- -
- -				(0.00)	
				-2.48	

	ETH	--	--	-0.01	0.00	--
--				(0.00)	(0.00)	
				-2.54	1.69	
	AIM	--	--	--	--	--
--						
	PHY	--	--	--	--	--
0.01						
(0.00)						
1.83						
	ADM	0.01	0.01	--	--	0.01
--		(0.00)	(0.00)			(0.00)
		2.68	4.12			2.44
	TEA	--	--	-0.01	--	-0.01
-0.01				(0.00)		(0.00)
(0.00)				-4.18		-3.48
-3.87						
	PSY	--	--	--	-0.01	--
--					(0.00)	
					-2.05	
	THETA-DELTA-EPS					
		DEC	TRU	DES	JOB	ADA
ACH		-----	-----	-----	-----	-----
-----						
	VIS	--	--	0.01	--	--
--				(0.00)		
				3.95		
	SKI	--	--	0.01	--	--
--				(0.00)		
				3.11		
	MOT	0.00	--	0.02	--	--
--		(0.00)		(0.00)		
		2.18		4.30		

	ETH	--	--	0.02	--	--
--				(0.00)		
				5.09		
	AIM	--	--	0.01	--	--
--				(0.00)		
				2.04		
	PHY	--	--	--	--	--
-0.01						
(0.00)						
-2.16						
	ADM	--	--	--	--	--
--						
	TEA	--	0.01	0.01	-0.02	-0.03
-0.01						
(0.01)			(0.00)	(0.00)	(0.01)	(0.01)
-2.03			2.80	3.63	-3.00	-5.57
	PSY	--	--	--	0.01	0.02
0.02						
(0.01)					(0.01)	(0.01)
2.98					1.35	3.13

## THETA-DELTA-EPS

	ABI
	-----
VIS	0.05
	(0.01)
	8.93
SKI	0.03
	(0.01)
	5.51
MOT	0.04



(0.01)  
6.94

ETH 0.03  
(0.01)  
5.86

AIM 0.03  
(0.01)  
5.37

PHY - -

ADM 0.01  
(0.00)  
2.92

TEA 0.00  
(0.00)  
0.49

PSY 0.04  
(0.01)  
7.43

THETA-DELTA

	VIS	SKI	MOT	ETH	AIM
PHY	-----	-----	-----	-----	-----
VIS	0.06 (0.00) 13.24				
SKI	- -	0.05 (0.00) 12.13			
MOT	- -	- -	0.03 (0.00) 10.19		
ETH	- -	0.02 (0.00) 4.88	- -	0.05 (0.00) 12.21	
AIM	- -	- -	- -	- -	0.04 (0.00) 10.76
PHY	- -	- -	- -	- -	- -
0.12					

470

(0.01)

14.10

0.06	ADM	- -	- -	- -	- -	- -
------	-----	-----	-----	-----	-----	-----

(0.01)

8.14

0.02	TEA	- -	- -	- -	0.01	- -
					(0.00)	

(0.01)

3.20

- -	PSY	0.01	- -	- -	-0.01	- -
		(0.00)			(0.00)	
		4.40			-2.14	

THETA-DELTA

	ADM	TEA	PSY
	-----	-----	-----
ADM	0.12 (0.01) 13.96		
TEA	0.03 (0.01) 5.45	0.09 (0.01) 13.03	
PSY	0.01 (0.00) 2.75	- -	0.09 (0.01) 13.11

Squared Multiple Correlations for X - Variables

	VIS	SKI	MOT	ETH	AIM
	-----	-----	-----	-----	-----
PHY	0.67	0.76	0.85	0.75	0.83
0.46					

Squared Multiple Correlations for X - Variables

ADM	TEA	PSY
-----	-----	-----

0.51            0.57            0.57

Goodness of Fit Statistics

Degrees of Freedom = 129  
 Minimum Fit Function Chi-Square = 156.23 (P =  
 0.052)  
 Normal Theory Weighted Least Squares Chi-Square = 154.11 (P  
 = 0.065)  
 Estimated Non-centrality Parameter (NCP) = 25.11  
 90 Percent Confidence Interval for NCP = (0.0 ;  
 60.42)  
 Minimum Fit Function Value = 0.36  
 Population Discrepancy Function Value (F0) = 0.057  
 90 Percent Confidence Interval for F0 = (0.0 ;  
 0.14)  
 Root Mean Square Error of Approximation (RMSEA) =  
 0.021  
 90 Percent Confidence Interval for RMSEA = (0.0 ;  
 0.033)  
 P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00  
 Expected Cross-Validation Index (ECVI) = 0.92  
 90 Percent Confidence Interval for ECVI = (0.86 ;  
 1.00)  
 ECVI for Saturated Model = 1.15  
 ECVI for Independence Model = 87.04  
 Chi-Square for Independence Model with 231 Degrees of Freedom  
 = 38167.48  
 Independence AIC = 38211.48  
 Model AIC = 402.11  
 Saturated AIC = 506.00  
 Independence CAIC = 38323.39  
 Model CAIC = 1032.87  
 Saturated CAIC = 1792.95  
 Normed Fit Index (NFI) = 1.00  
 Non-Normed Fit Index (NNFI) = 1.00  
 Parsimony Normed Fit Index (PNFI) = 0.56  
 Comparative Fit Index (CFI) = 1.00  
 Incremental Fit Index (IFI) = 1.00  
 Relative Fit Index (RFI) = 0.99  
 Critical N (CN) = 476.67

Root Mean Square Residual (RMR) = 0.0058  
 Standardized RMR = 0.027  
 Goodness of Fit Index (GFI) = 0.97  
 Adjusted Goodness of Fit Index (AGFI) = 0.94  
 Parsimony Goodness of Fit Index (PGFI) = 0.49

TI

## Fitted Covariance Matrix

LOV	DECIS	QUA	FEE	DEL	RES
DECIS	0.22				
QUA	0.20	0.26			
FEE	0.18	0.20	0.22		
DEL	0.17	0.19	0.18	0.21	
RES	0.16	0.17	0.17	0.17	0.19
LOV	0.16	0.17	0.16	0.16	0.17
0.23 DEC	0.15	0.16	0.16	0.15	0.16
0.20 TRU	0.14	0.15	0.15	0.15	0.15
0.16 DES	0.15	0.15	0.15	0.16	0.15
0.16 JOB	0.14	0.15	0.15	0.14	0.14
0.13 ADA	0.15	0.16	0.16	0.15	0.15
0.14 ACH	0.14	0.15	0.15	0.14	0.14
0.13 ABI	0.10	0.10	0.10	0.10	0.09
0.10 VIS	0.10	0.10	0.10	0.10	0.10
0.11 SKI	0.13	0.13	0.12	0.12	0.12
0.14 MOT	0.13	0.13	0.13	0.12	0.12
0.13 ETH	0.12	0.13	0.12	0.13	0.12
0.13 AIM	0.13	0.13	0.13	0.13	0.12
0.13 PHY	0.13	0.14	0.14	0.13	0.13
0.14 ADM	0.15	0.17	0.15	0.15	0.15
0.14 TEA	0.14	0.15	0.13	0.14	0.12
0.12 PSY	0.14	0.15	0.14	0.13	0.13
0.14					

Fitted Covariance Matrix

	DEC	TRU	DES	JOB	ADA
ACH	-----	-----	-----	-----	-----
-----					
DEC	0.23				
TRU	0.17	0.21			
DES	0.18	0.19	0.23		
JOB	0.12	0.12	0.12	0.28	
ADA	0.13	0.12	0.13	0.17	0.23
ACH	0.12	0.11	0.12	0.16	0.17
0.22					
ABI	0.10	0.10	0.11	0.09	0.12
0.11					
VIS	0.10	0.09	0.11	0.09	0.09
0.08					
SKI	0.12	0.11	0.13	0.10	0.11
0.10					
MOT	0.13	0.12	0.14	0.11	0.11
0.11					
ETH	0.13	0.12	0.14	0.11	0.11
0.10					
AIM	0.13	0.12	0.13	0.11	0.12
0.11					
PHY	0.13	0.12	0.12	0.12	0.12
0.11					
ADM	0.14	0.13	0.13	0.13	0.13
0.12					
TEA	0.13	0.13	0.14	0.11	0.10
0.11					
PSY	0.13	0.12	0.13	0.13	0.15
0.14					

## Fitted Covariance Matrix

	ABI	VIS	SKI	MOT	ETH
AIM	-----	-----	-----	-----	-----
-----					
ABI	0.17				
VIS	0.11	0.17			
SKI	0.10	0.13	0.21		
MOT	0.11	0.14	0.17	0.21	
ETH	0.10	0.14	0.18	0.17	0.22
AIM	0.10	0.14	0.17	0.18	0.17
0.21					
PHY	0.08	0.09	0.11	0.12	0.12
0.12					
ADM	0.10	0.10	0.12	0.13	0.13
0.13					
TEA	0.08	0.10	0.12	0.13	0.13
0.13					
PSY	0.12	0.11	0.12	0.12	0.12
0.13					

## Fitted Covariance Matrix

	PHY	ADM	TEA	PSY
	-----	-----	-----	-----
PHY	0.23			
ADM	0.17	0.25		
TEA	0.13	0.15	0.20	
PSY	0.11	0.13	0.12	0.20

## Fitted Residuals

LOV	DECIS	QUA	FEE	DEL	RES
	-----	-----	-----	-----	-----
-----					
DECIS	0.00				
QUA	0.00	0.00			
FEE	0.00	0.00	0.00		
DEL	0.00	0.00	0.00	0.00	
RES	0.00	0.00	0.00	0.00	0.00
LOV	0.00	0.01	0.01	0.01	0.01
0.00					
DEC	-0.01	0.01	0.00	0.01	0.00
0.00					
TRU	-0.01	0.00	0.00	0.00	0.00
0.00					
DES	-0.01	-0.01	0.00	0.00	0.00
0.00					
JOB	0.00	0.00	0.00	-0.01	0.00
0.00					
ADA	0.01	0.01	0.00	0.00	0.00
-0.01					
ACH	0.01	0.00	0.00	0.00	0.00
0.01					
ABI	0.01	0.00	0.00	0.01	0.01
0.00					
VIS	0.01	0.00	0.01	0.01	0.01
0.01					
SKI	0.01	0.00	0.00	0.01	0.01
0.00					
MOT	0.00	-0.01	-0.01	0.00	0.00
0.00					
ETH	0.00	-0.01	-0.01	-0.01	-0.01
-0.01					
AIM	0.01	-0.01	-0.01	0.00	0.00
-0.01					
PHY	0.01	0.00	0.00	0.00	0.00
0.00					
ADM	0.01	0.00	0.00	0.00	0.00
0.01					
TEA	0.00	-0.01	-0.01	-0.01	0.00
0.00					
PSY	0.01	0.00	0.00	0.01	0.01
0.00					

## Fitted Residuals

	DEC	TRU	DES	JOB	ADA
ACH	-----	-----	-----	-----	-----
-----					
DEC	0.00				
TRU	0.00	0.00			
DES	0.00	0.00	0.00		
JOB	0.00	0.00	-0.01	0.00	
ADA	0.00	-0.01	-0.01	0.00	0.00
ACH	0.01	0.00	0.00	0.00	0.00
0.00					
ABI	0.01	0.01	0.01	0.00	0.00
0.00					
VIS	0.01	0.02	0.01	0.00	0.00
0.01					
SKI	0.01	0.01	0.01	0.00	-0.01
0.00					
MOT	0.00	0.01	0.01	0.00	-0.01
0.01					
ETH	0.00	0.00	0.00	-0.01	-0.02
0.00					
AIM	0.00	0.00	0.00	0.00	-0.01
0.01					
PHY	0.00	0.00	0.00	0.00	0.00
0.00					
ADM	0.01	0.01	0.01	0.00	0.00
0.01					
TEA	0.00	0.00	0.00	-0.01	-0.01
0.00					
PSY	0.00	0.01	0.01	0.00	0.00
0.01					

## Fitted Residuals

	ABI	VIS	SKI	MOT	ETH
AIM	-----	-----	-----	-----	-----
-----					
ABI	0.00				
VIS	0.01	0.00			
SKI	0.00	0.00	0.00		
MOT	0.00	0.00	0.00	0.00	
ETH	0.00	0.00	0.00	0.01	0.01
AIM	0.00	0.00	0.00	0.00	0.00
0.00					
PHY	0.00	0.00	0.00	0.00	-0.01
0.00					
ADM	0.00	0.00	0.00	0.00	-0.01
0.00					
TEA	0.01	0.01	0.02	0.01	0.01
0.01					
PSY	0.00	0.00	0.00	0.00	0.00
0.00					

## Fitted Residuals

	PHY	ADM	TEA	PSY
	-----	-----	-----	-----
PHY	0.00			
ADM	0.00	0.00		
TEA	0.00	0.00	0.00	
PSY	0.00	0.00	0.01	0.00

## Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -0.02  
 Median Fitted Residual = 0.00  
 Largest Fitted Residual = 0.02

## Stemleaf Plot

```

-18|6
-16|
-14|0
-12|2
-10|8771076
- 8|210
- 6|622961100
- 4|88777651051
- 2|877763307765544421111
- 0|99877761000009865554333321100
0|122245556666888880011233345556666788899999
2|00011222333344555666889901111112333444556678888
4|1222334455666677899991123455777999
6|00234567789222355
8|0234889916899
10|1148880334668
12|79
14|7
16|
18|3

```

## Standardized Residuals

LOV	DECIS	QUA	FEE	DEL	RES
	-----	-----	-----	-----	-----
DECIS	2.48				
QUA	2.38	2.22			
FEE	2.29	2.84	4.14		
DEL	0.04	0.47	2.54	-0.98	
RES	-0.05	2.14	3.92	2.26	3.68
LOV	0.17	3.64	3.93	3.02	4.21
2.99					
DEC	-2.11	2.19	1.31	2.70	3.31
2.38					
TRU	-1.93	0.01	0.96	0.71	2.11
2.25					
DES	-2.82	-1.60	-0.34	-0.14	0.94
1.86					



0.77	JOB	-0.04	0.72	-0.49	-1.41	-0.42
-1.59	ADA	1.88	1.51	0.19	-1.14	-1.02
1.43	ACH	1.62	1.51	0.15	-0.56	0.57
1.42	ABI	2.55	0.90	1.17	2.05	2.14
1.48	VIS	2.57	-0.09	1.41	2.03	2.55
0.72	SKI	2.01	-0.26	0.31	1.93	1.62
-0.55	MOT	0.04	-2.10	-2.14	0.26	0.55
-1.64	ETH	-0.81	-2.89	-3.05	-1.29	-1.37
-1.63	AIM	1.62	-1.35	-1.39	0.06	0.46
0.61	PHY	2.26	0.90	0.97	0.34	0.25
1.70	ADM	3.16	0.32	0.19	0.51	2.03
0.31	TEA	-0.76	-3.03	-3.51	-2.03	-1.04
-0.31	PSY	3.69	1.27	1.13	2.61	2.62

## Standardized Residuals

	DEC	TRU	DES	JOB	ADA
ACH	-----	-----	-----	-----	-----
-----					
DEC	1.08				
TRU	1.20	2.09			
DES	1.91	2.33	2.22		
JOB	1.07	-0.02	-1.18	-0.53	
ADA	-0.21	-2.66	-2.79	1.49	1.49
ACH	2.17	0.49	0.58	-0.10	1.18
1.57					
ABI	2.86	3.17	2.89	0.00	-1.28
0.37					
VIS	2.58	3.54	3.84	-0.07	-0.44
2.15					
SKI	1.63	2.67	3.23	-0.38	-2.57
0.71					
MOT	0.52	2.22	2.64	-0.63	-3.05
1.56					
ETH	-0.58	0.93	1.19	-1.71	-4.11
-0.41					
AIM	-0.42	1.10	1.63	-0.41	-2.27
1.60					
PHY	0.15	-0.47	-0.38	-0.78	-0.78
1.73					
ADM	1.20	2.25	1.89	-0.07	-0.71
1.66					

0.56	TEA	-0.71	0.97	1.03	-1.62	-3.14
2.87	PSY	1.01	2.50	1.43	0.84	0.12

Standardized Residuals

	ABI	VIS	SKI	MOT	ETH
AIM	1.10				
VIS	1.93	1.36			
SKI	1.19	1.16	0.62		
MOT	0.83	0.67	0.43	1.52	
ETH	0.58	1.20	1.89	2.86	2.10
AIM	0.94	0.49	0.32	2.14	2.42
PHY	0.43	-0.56	-0.12	-0.85	-2.28
ADM	1.27	-0.35	0.39	-0.78	-1.15
TEA	1.66	1.85	1.39	1.00	1.82
PSY	1.71	1.37	0.50	-1.08	-1.24

Standardized Residuals

	PHY	ADM	TEA	PSY
PHY	-1.44			
ADM	0.29	1.08		
TEA	-0.51	1.02	1.57	
PSY	-0.07	1.44	2.15	3.24

Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -2.28  
 Median Standardized Residual = 0.90  
 Largest Standardized Residual = 2.86

Stemleaf Plot

```

- 4|1
- 3|5
- 3|1100
- 2|98876
- 2|331110
- 1|9766666
- 1|444433322211000
- 0|988888776666555555
- 0|444444433332211111110000000
0|111222233333334444
0|55555556666667777788899999
1|0000001111122222223334444444
    
```

1|5555556666666666777799999999  
 2|0000111111222222333333444  
 2|55556666667778899999  
 3|000122223  
 3|56777899  
 4|124

Largest Negative Standardized Residuals

Residual for	DES and	DECIS	-2.82
Residual for	ADA and	TRU	-2.66
Residual for	ADA and	DES	-2.79
Residual for	MOT and	ADA	-3.05
Residual for	ETH and	QUA	-2.89
Residual for	ETH and	FEE	-3.05
Residual for	ETH and	ADA	-4.11
Residual for	TEA and	QUA	-3.03
Residual for	TEA and	FEE	-3.51
Residual for	TEA and	ADA	-3.14

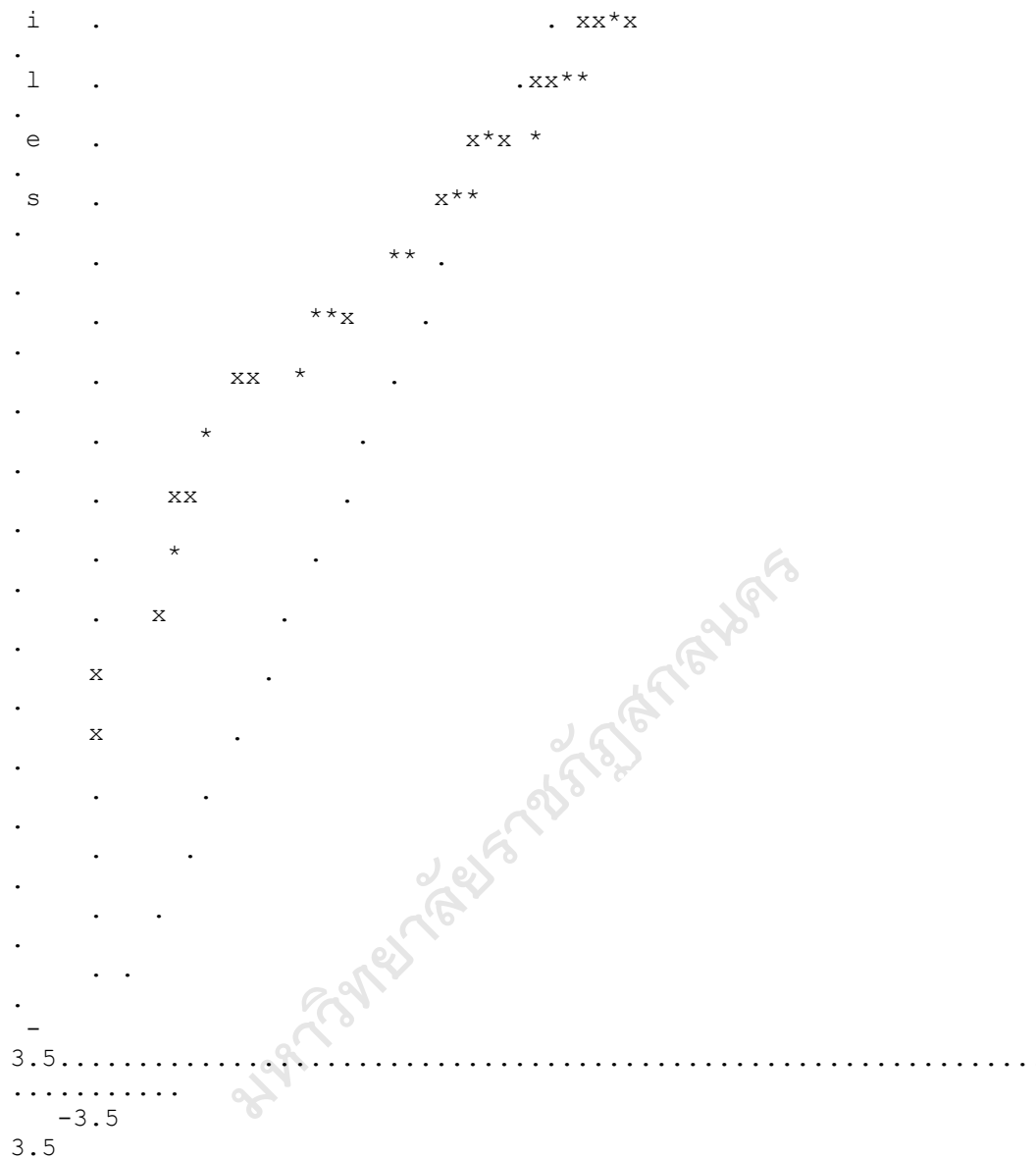
Largest Positive Standardized Residuals

Residual for	FEE and	QUA	2.84
Residual for	FEE and	FEE	4.14
Residual for	RES and	FEE	3.92
Residual for	RES and	RES	3.68
Residual for	LOV and	QUA	3.64
Residual for	LOV and	FEE	3.93
Residual for	LOV and	DEL	3.02
Residual for	LOV and	RES	2.21
Residual for	LOV and	LOV	2.99
Residual for	DEC and	DEL	2.70
Residual for	DEC and	RES	3.31
Residual for	ABI and	DEC	2.86
Residual for	ABI and	TRU	3.17
Residual for	ABI and	DES	2.89
Residual for	VIS and	DEC	2.58
Residual for	VIS and	TRU	3.54
Residual for	VIS and	DES	3.84
Residual for	SKI and	TRU	2.67
Residual for	SKI and	DES	3.23
Residual for	MOT and	DES	2.64
Residual for	ETH and	MOT	2.86
Residual for	ETH and	ETH	3.10
Residual for	ADM and	DECIS	3.16
Residual for	TEA and	ABI	2.66
Residual for	TEA and	VIS	2.85
Residual for	TEA and	SKI	2.39
Residual for	TEA and	MOT	3.00
Residual for	TEA and	ETH	2.82
Residual for	TEA and	AIM	3.72
Residual for	PSY and	DECIS	3.69
Residual for	PSY and	DEL	2.61
Residual for	PSY and	RES	2.62
Residual for	PSY and	ACH	2.87
Residual for	PSY and	PSY	3.24

TI

Qplot of Standardized Residuals





Modification Indices for LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	2.66	9.43	- -
QUA	1.20	0.35	- -
FEE	1.13	0.81	- -
DEL	0.94	1.76	- -
RES	0.38	1.23	- -
LOV	0.02	- -	1.07
DEC	2.53	- -	0.76
TRU	0.55	- -	0.00

DES	0.43	- -	0.89
JOB	- -	0.18	0.61
ADA	- -	8.49	3.00
ACH	- -	4.15	1.46
ABI	- -	3.62	3.55

## Expected Change for LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	0.04	-0.08	- -
QUA	0.03	0.02	- -
FEE	-0.03	0.02	- -
DEL	-0.03	0.04	- -
RES	-0.02	0.09	- -
LOV	0.00	- -	0.09
DEC	0.04	- -	0.07
TRU	-0.02	- -	0.00
DES	-0.01	- -	-0.04
JOB	- -	0.01	-0.04
ADA	- -	-0.07	-0.07
ACH	- -	0.05	0.05
ABI	- -	0.08	0.08

## Standardized Expected Change for LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	0.04	-0.08	- -
QUA	0.03	0.02	- -
FEE	-0.03	0.02	- -
DEL	-0.03	0.04	- -
RES	-0.02	0.09	- -
LOV	0.00	- -	0.09
DEC	0.04	- -	0.07
TRU	-0.02	- -	0.00
DES	-0.01	- -	-0.04
JOB	- -	0.01	-0.04
ADA	- -	-0.07	-0.07
ACH	- -	0.05	0.05
ABI	- -	0.08	0.08

## Completely Standardized Expected Change for LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	0.09	-0.17	- -
QUA	0.06	0.03	- -
FEE	-0.05	0.05	- -
DEL	-0.06	0.10	- -
RES	-0.04	0.20	- -
LOV	-0.01	- -	0.18
DEC	0.08	- -	0.14
TRU	-0.03	- -	0.00
DES	-0.03	- -	-0.08
JOB	- -	0.02	-0.07

ADA	- -	-0.14	-0.15
ACH	- -	0.10	0.10
ABI	- -	0.20	0.19

## Modification Indices for LAMBDA-X

	ENV	LED
	-----	-----
VIS	5.50	- -
SKI	3.90	- -
MOT	0.71	- -
ETH	7.46	- -
AIM	0.01	- -
PHY	- -	0.77
ADM	- -	2.15
TEA	- -	9.29
PSY	- -	0.41

## Expected Change for LAMBDA-X

	ENV	LED
	-----	-----
VIS	0.06	- -
SKI	0.05	- -
MOT	-0.02	- -
ETH	-0.06	- -
AIM	0.00	- -
PHY	- -	-0.03
ADM	- -	-0.04
TEA	- -	0.10
PSY	- -	-0.02

## Standardized Expected Change for LAMBDA-X

	ENV	LED
	-----	-----
VIS	0.06	- -
SKI	0.05	- -
MOT	-0.02	- -
ETH	-0.06	- -
AIM	0.00	- -
PHY	- -	-0.03
ADM	- -	-0.04
TEA	- -	0.10
PSY	- -	-0.02

## Completely Standardized Expected Change for LAMBDA-X

	ENV	LED
	-----	-----
VIS	0.14	- -

SKI	0.10	- -
MOT	-0.04	- -
ETH	-0.14	- -
AIM	-0.01	- -
PHY	- -	-0.06
ADM	- -	-0.09
TEA	- -	0.22
PSY	- -	-0.05

No Non-Zero Modification Indices for BETA

No Non-Zero Modification Indices for GAMMA

No Non-Zero Modification Indices for PHI

No Non-Zero Modification Indices for PSI

Modification Indices for THETA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
-----	-----	-----	-----	-----	-----
-----					
DECIS	- -				
QUA	- -	- -			
FEE	- -	- -	- -		
DEL	0.05	- -	- -	- -	
RES	0.38	0.13	0.64	- -	- -
LOV	0.08	0.64	1.90	0.38	- -
- -					
DEC	3.32	2.40	2.19	2.45	- -
- -					
TRU	0.22	0.02	0.30	- -	- -
- -					
DES	1.12	0.95	0.59	- -	- -
- -					
JOB	1.22	1.16	0.17	0.36	0.12
1.12					
ADA	1.46	0.40	0.02	0.03	0.03
1.56					
ACH	0.00	- -	0.53	0.24	0.20
0.09					
ABI	0.57	0.01	0.01	- -	0.18
- -					

Modification Indices for THETA-EPS

ACH	DEC	TRU	DES	JOB	ADA
-----	-----	-----	-----	-----	-----
-----					
DEC	- -				
TRU	0.48	- -			
DES	0.48	- -	- -		
JOB	- -	1.46	0.76	- -	
ADA	1.55	2.92	0.16	2.67	- -



- -	ACH	0.19	0.08	0.68	0.43	0.14
1.91	ABI	- -	- -	- -	- -	0.11

Modification Indices for THETA-EPS

	ABI
ABI	- -

Expected Change for THETA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
DECIS	- -				
QUA	- -	- -			
FEE	- -	- -	- -		
DEL	0.00	- -	- -	- -	
RES	0.00	0.00	0.00	- -	- -
LOV	0.00	0.00	0.00	0.00	- -
DEC	0.00	0.00	0.00	0.00	- -
TRU	0.00	0.00	0.00	- -	- -
DES	0.00	0.00	0.00	- -	- -
JOB	0.00	0.00	0.00	0.00	0.00
ADA	0.00	0.00	0.00	0.00	0.00
ACH	0.00	- -	0.00	0.00	0.00
ABI	0.00	0.00	0.00	- -	0.00

Expected Change for THETA-EPS

ACH	DEC	TRU	DES	JOB	ADA
DEC	- -				
TRU	0.00	- -			
DES	0.00	- -	- -		
JOB	- -	0.00	0.00	- -	
ADA	0.00	0.00	0.00	0.01	- -

- -	ACH	0.00	0.00	0.00	0.00	0.00
-0.01	ABI	- -	- -	- -	- -	0.00

## Expected Change for THETA-EPS

	ABI
ABI	- -

## Completely Standardized Expected Change for THETA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
DECIS	- -				
QUA	- -	- -			
FEE	- -	- -	- -		
DEL	0.00	- -	- -	- -	
RES	-0.01	0.00	0.01	- -	- -
LOV	0.00	0.01	0.01	-0.01	- -
DEC	-0.02	0.02	-0.01	0.02	- -
TRU	-0.01	0.00	0.01	- -	- -
DES	-0.01	-0.01	0.01	- -	- -
JOB	-0.02	0.02	-0.01	-0.01	-0.01
ADA	0.02	0.01	0.00	0.00	0.00
ACH	0.00	- -	-0.01	-0.01	-0.01
ABI	0.01	0.00	0.00	- -	0.01

## Completely Standardized Expected Change for THETA-EPS

ACH	DEC	TRU	DES	JOB	ADA
DEC	- -				
TRU	-0.01	- -			
DES	0.01	- -	- -		
JOB	- -	0.02	-0.01	- -	
ADA	0.02	-0.02	-0.01	0.04	- -
ACH	0.01	0.00	0.01	-0.02	0.01
ABI	- -	- -	- -	- -	-0.01

## Completely Standardized Expected Change for THETA-EPS

	ABI
ABI	-----
	- -

## Modification Indices for THETA-DELTA-EPS

LOV		DECIS	QUA	FEE	DEL	RES
		-----	-----	-----	-----	-----
	VIS	0.28	1.77	1.87	0.00	0.06
0.00	SKI	- -	- -	0.01	1.72	- -
- -	MOT	0.34	0.00	1.36	- -	0.41
0.06	ETH	0.00	0.26	- -	- -	0.72
0.01	AIM	2.44	0.00	0.41	0.62	0.26
0.76	PHY	2.03	0.02	0.04	0.19	0.32
- -	ADM	- -	- -	0.19	0.34	- -
0.44	TEA	0.37	1.50	- -	0.75	- -
- -	PSY	1.52	0.08	0.33	- -	0.34
3.15						

## Modification Indices for THETA-DELTA-EPS

ACH		DEC	TRU	DES	JOB	ADA
		-----	-----	-----	-----	-----
	VIS	0.61	0.32	- -	0.52	0.09
0.73	SKI	0.52	0.03	- -	0.04	0.57
0.83	MOT	- -	0.41	- -	0.08	0.20
1.53	ETH	0.32	0.45	- -	0.00	0.16
0.03	AIM	0.36	0.71	- -	0.00	0.04
0.18						

- -	PHY	0.07	1.41	0.02	0.65	0.07
0.77	ADM	0.27	0.97	2.18	0.05	0.51
- -	TEA	1.09	- -	- -	- -	- -
- -	PSY	0.00	1.44	0.00	- -	- -

## Modification Indices for THETA-DELTA-EPS

	ABI
	-----
VIS	- -
SKI	- -
MOT	- -
ETH	- -
AIM	- -
PHY	0.14
ADM	- -
TEA	- -
PSY	- -

## Expected Change for THETA-DELTA-EPS

		DECIS	QUA	FEE	DEL	RES
LOV		-----	-----	-----	-----	-----
0.00	VIS	0.00	0.00	0.00	0.00	0.00
- -	SKI	- -	- -	0.00	0.00	- -
0.00	MOT	0.00	0.00	0.00	- -	0.00
0.00	ETH	0.00	0.00	- -	- -	0.00
0.00	AIM	0.00	0.00	0.00	0.00	0.00
- -	PHY	0.01	0.00	0.00	0.00	0.00
0.00	ADM	- -	- -	0.00	0.00	- -
- -	TEA	0.00	0.00	- -	0.00	- -
-0.01	PSY	0.00	0.00	0.00	- -	0.00

## Expected Change for THETA-DELTA-EPS

		DEC	TRU	DES	JOB	ADA
ACH		-----	-----	-----	-----	-----
0.00	VIS	0.00	0.00	- -	0.00	0.00

0.00	SKI	0.00	0.00	- -	0.00	0.00
0.00	MOT	- -	0.00	- -	0.00	0.00
0.00	ETH	0.00	0.00	- -	0.00	0.00
0.00	AIM	0.00	0.00	- -	0.00	0.00
- -	PHY	0.00	0.00	0.00	0.00	0.00
0.00	ADM	0.00	0.00	0.00	0.00	0.00
- -	TEA	0.00	- -	- -	- -	- -
- -	PSY	0.00	0.00	0.00	- -	- -

Expected Change for THETA-DELTA-EPS

	ABI
VIS	- -
SKI	- -
MOT	- -
ETH	- -
AIM	- -
PHY	0.00
ADM	- -
TEA	- -
PSY	- -

Completely Standardized Expected Change for THETA-DELTA-EPS

LOV	DECIS	QUA	FEE	DEL	RES
0.00	0.01	-0.02	0.02	0.00	0.00
- -	- -	- -	0.00	0.02	- -
0.00	-0.01	0.00	-0.01	- -	0.01
0.00	0.00	-0.01	- -	- -	-0.01
-0.01	0.02	0.00	-0.01	-0.01	0.01
- -	0.02	0.00	0.00	0.01	-0.01
0.01	- -	- -	-0.01	-0.01	- -
- -	0.01	-0.02	- -	-0.01	- -
-0.02	0.02	0.00	-0.01	- -	0.01

Completely Standardized Expected Change for THETA-DELTA-  
EPS

		DEC	TRU	DES	JOB	ADA
ACH		-----	-----	-----	-----	-----
-----						
0.01	VIS	0.01	0.01	- -	-0.01	0.00
-0.01	SKI	0.01	0.00	- -	0.00	-0.01
0.02	MOT	- -	0.01	- -	0.00	-0.01
0.00	ETH	-0.01	0.01	- -	0.00	-0.01
0.01	AIM	-0.01	-0.01	- -	0.00	0.00
- -	PHY	0.00	-0.02	0.00	-0.02	0.00
0.02	ADM	-0.01	0.01	0.02	0.00	-0.01
- -	TEA	-0.02	- -	- -	- -	- -
- -	PSY	0.00	0.02	0.00	- -	- -

Completely Standardized Expected Change for THETA-DELTA-  
EPS

	ABI
VIS	- -
SKI	- -
MOT	- -
ETH	- -
AIM	- -
PHY	0.01
ADM	- -
TEA	- -
PSY	- -

Modification Indices for THETA-DELTA

	VIS	SKI	MOT	ETH	AIM
PHY	-----	-----	-----	-----	-----
-----					
- -	VIS	- -			
	SKI	0.20	- -		
	MOT	0.26	1.13	- -	
	ETH	0.03	- -	1.47	- -
	AIM	0.62	1.04	1.51	0.37
- -	PHY	0.27	0.08	0.29	2.21
- -					0.35

- -	ADM	0.96	0.09	0.26	0.25	0.08
- -	TEA	0.03	2.48	0.06	- -	0.78
0.24	PSY	- -	0.48	1.12	- -	0.08

Modification Indices for THETA-DELTA

	ADM	TEA	PSY
ADM	- -		
TEA	- -	- -	
PSY	- -	0.24	- -

Expected Change for THETA-DELTA

PHY	VIS	SKI	MOT	ETH	AIM
VIS	- -				
SKI	0.00	- -			
MOT	0.00	0.00	- -		
ETH	0.00	- -	0.00	- -	
AIM	0.00	0.00	0.00	0.00	- -
PHY	0.00	0.00	0.00	-0.01	0.00
ADM	0.00	0.00	0.00	0.00	0.00
TEA	0.00	0.01	0.00	- -	0.00
PSY	- -	0.00	0.00	- -	0.00

Expected Change for THETA-DELTA

	ADM	TEA	PSY
ADM	- -		
TEA	- -	- -	
PSY	- -	0.00	- -

Completely Standardized Expected Change for THETA-DELTA

PHY	VIS	SKI	MOT	ETH	AIM
VIS	- -				
SKI	0.01	- -			
MOT	-0.01	-0.01	- -		
ETH	0.00	- -	0.01	- -	
AIM	-0.01	-0.01	0.02	0.01	- -
PHY	-0.01	0.00	0.01	-0.02	0.01

- -	ADM	-0.02	0.00	-0.01	0.01	0.00
- -	TEA	0.00	0.02	0.00	- -	0.01
-0.01	PSY	- -	0.01	-0.01	- -	0.00

Completely Standardized Expected Change for THETA-DELTA

	ADM	TEA	PSY
ADM	- -		
TEA	- -	- -	
PSY	- -	0.01	- -

Maximum Modification Index is 9.43 for Element ( 1, 2) of LAMBDA-Y

TI

Factor Scores Regressions

ETA

LOV	DECIS	QUA	FEE	DEL	RES
0.03	0.06	-0.05	0.23	-0.05	0.31
0.99	0.12	0.02	0.19	-0.02	0.53
0.15	0.30	0.06	0.40	0.30	0.48

ETA

ACH	DEC	TRU	DES	JOB	ADA
0.48	0.02	-0.12	-0.12	0.36	0.89
0.07	0.30	0.44	0.50	0.02	0.14
0.06	0.06	-0.06	0.00	0.06	0.20

ETA

AIM	ABI	VIS	SKI	MOT	ETH
0.05	0.46	-0.04	0.02	-0.04	-0.15



0.07	PAR	-0.50	0.13	-0.12	0.02	0.03
0.02	CUL	-0.08	0.00	-0.13	0.09	0.01

## ETA

	PHY	ADM	TEA	PSY
EFF	0.06	-0.16	0.64	-0.44
PAR	-0.06	0.11	0.07	0.21
CUL	0.08	-0.09	0.38	0.16

## KSI

	DECIS	QUA	FEE	DEL	RES
LOV					
0.13	ENV	0.27	0.04	0.32	0.33
0.01	LED	-0.05	-0.14	0.03	0.32

## KSI

	DEC	TRU	DES	JOB	ADA
ACH					
0.15	ENV	0.11	0.12	-0.16	0.07
0.13	LED	0.12	0.38	-0.48	-0.03

## KSI

	ABI	VIS	SKI	MOT	ETH
AIM					
0.18	ENV	-0.30	0.26	-0.01	0.37
0.41	LED	-1.00	0.64	0.30	0.90

## KSI

	PHY	ADM	TEA	PSY
ENV	-0.04	-0.11	0.16	-0.06
LED	-0.06	0.12	-0.02	0.29

TI

## Standardized Solution

## LAMBDA-Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	0.41
QUA	- -	- -	0.43
FEE	- -	- -	0.42
DEL	- -	- -	0.41
RES	- -	- -	0.39
LOV	- -	0.44	- -
DEC	- -	0.43	- -
TRU	- -	0.39	- -
DES	- -	0.41	- -
JOB	0.41	- -	- -
ADA	0.43	- -	- -
ACH	0.40	- -	- -
ABI	0.27	- -	- -

## LAMBDA-X

	ENV	LED
	-----	-----
VIS	- -	0.33
SKI	- -	0.40
MOT	- -	0.42
ETH	- -	0.41
AIM	- -	0.42
PHY	0.33	- -
ADM	0.35	- -
TEA	0.34	- -
PSY	0.34	- -

## BETA

	EFF	PAR	CUL
	-----	-----	-----
EFF	- -	0.14	1.21
PAR	- -	- -	- -
CUL	- -	- -	- -

## GAMMA

	ENV	LED
	-----	-----
EFF	0.35	0.16
PAR	0.32	1.36
CUL	1.51	0.20

## Correlation Matrix of ETA and KSI

	EFF	PAR	CUL	ENV	LED
EFF	1.00				
PAR	0.73	1.00			
CUL	0.86	0.88	1.00		
ENV	0.88	0.91	1.00	1.00	
LED	0.64	0.72	0.73	0.88	1.00

## PSI

	EFF	PAR	CUL
EFF	0.26		
PAR	- -	0.15	
CUL	- -	-0.08	-0.10

## Regression Matrix ETA on KSI (Standardized)

	ENV	LED
EFF	1.40	0.59
PAR	0.32	1.36
CUL	1.51	0.20

TI

Completely Standardized Solution

## LAMBDA-Y

	EFF	PAR	CUL
DECIS	- -	- -	0.88
QUA	- -	- -	0.85
FEE	- -	- -	0.90
DEL	- -	- -	0.89
RES	- -	- -	0.90
LOV	- -	0.91	- -
DEC	- -	0.89	- -
TRU	- -	0.86	- -
DES	- -	0.85	- -
JOB	0.77	- -	- -
ADA	0.89	- -	- -
ACH	0.84	- -	- -
ABI	0.65	- -	- -

## LAMBDA-X

	ENV	LED
VIS	- -	0.82
SKI	- -	0.87
MOT	- -	0.92

ETH	- -	0.87
AIM	- -	0.91
PHY	0.68	- -
ADM	0.72	- -
TEA	0.75	- -
PSY	0.76	- -

## BETA

	EFF	PAR	CUL
	-----	-----	-----
EFF	- -	0.14	1.21
PAR	- -	- -	- -
CUL	- -	- -	- -

## GAMMA

	ENV	LED
	-----	-----
EFF	0.35	0.16
PAR	0.32	1.36
CUL	1.51	0.20

## Correlation Matrix of ETA and KSI

	EFF	PAR	CUL	ENV	LED
	-----	-----	-----	-----	-----
EFF	1.00				
PAR	0.73	1.00			
CUL	0.86	0.88	1.00		
ENV	0.88	0.91	1.00	1.00	
LED	0.64	0.72	0.73	0.88	1.00

## PSI

	EFF	PAR	CUL
	-----	-----	-----
EFF	0.26		
PAR	- -	0.15	
CUL	- -	-0.08	-0.10

## THETA-EPS

	DECIS	QUA	FEE	DEL	RES
	-----	-----	-----	-----	-----
LOV					
-----					
DECIS	0.23				
QUA	0.08	0.27			
FEE	0.03	0.08	0.19		
DEL	- -	0.04	0.04	0.21	
RES	- -	- -	- -	0.02	0.20
LOV	- -	- -	- -	- -	0.07

0.17

0.04	DEC	- -	- -	- -	- -	0.05
-0.06	TRU	- -	- -	- -	0.06	0.06
-0.08	DES	- -	- -	- -	0.07	0.04
- -	JOB	- -	- -	- -	- -	- -
- -	ADA	- -	- -	- -	- -	- -
- -	ACH	- -	0.02	- -	- -	- -
0.07	ABI	- -	- -	- -	0.04	- -

THETA-EPS

		DEC	TRU	DES	JOB	ADA
ACH		-----	-----	-----	-----	-----
	DEC	0.21				
	TRU	- -	0.27			
	DES	- -	0.11	0.28		
	JOB	-0.04	- -	- -	0.40	
	ADA	- -	- -	- -	- -	0.21
	ACH	- -	- -	- -	- -	- -
0.30	ABI	0.08	0.09	0.14	-0.07	- -
- -						

THETA-EPS

	ABI	-----
ABI	0.58	

THETA-DELTA-EPS

		DECIS	QUA	FEE	DEL	RES
LOV		-----	-----	-----	-----	-----
	VIS	- -	- -	- -	- -	- -
0.04	SKI	0.03	0.04	- -	- -	0.04
- -	MOT	- -	- -	- -	-0.02	- -
- -	ETH	- -	- -	-0.03	0.02	- -
- -	AIM	- -	- -	- -	- -	- -
0.03	PHY	- -	- -	- -	- -	- -

498

- -	ADM	0.04	0.06	- -	- -	0.03
- -	TEA	- -	- -	-0.06	- -	-0.05
- -	PSY	- -	- -	- -	-0.03	- -

THETA-DELTA-EPS

	DEC	TRU	DES	JOB	ADA
ACH	-----	-----	-----	-----	-----
-----					
- -	VIS	- -	0.07	- -	- -
- -	SKI	- -	0.06	- -	- -
- -	MOT	0.02	0.07	- -	- -
- -	ETH	- -	0.09	- -	- -
- -	AIM	- -	0.04	- -	- -
- -	PHY	- -	- -	- -	- -
-0.04	ADM	- -	- -	- -	- -
- -	TEA	- -	0.05	0.06	-0.07
-0.05	PSY	- -	- -	0.04	0.08
0.08					

THETA-DELTA-EPS

	ABI
VIS	0.28
SKI	0.15
MOT	0.20
ETH	0.17
AIM	0.15
PHY	- -
ADM	0.06
TEA	0.01
PSY	0.21

THETA-DELTA

	VIS	SKI	MOT	ETH	AIM
PHY	-----	-----	-----	-----	-----
-----					
	VIS	0.33			
	SKI	- -	0.24		
	MOT	- -	- -	0.15	
	ETH	- -	0.07	- -	0.25

	AIM	--	--	--	--	0.17
	PHY	--	--	--	--	--
0.54						
	ADM	--	--	--	--	--
0.23						
	TEA	--	--	--	0.06	--
0.08						
	PSY	0.08	--	--	-0.03	--
--						

## THETA-DELTA

	ADM	TEA	PSY
	-----	-----	-----
ADM	0.49		
TEA	0.14	0.43	
PSY	0.05	--	0.43

## Regression Matrix ETA on KSI (Standardized)

	ENV	LED
	-----	-----
EFF	1.40	0.59
PAR	0.32	1.36
CUL	1.51	0.20

## TI

## Total and Indirect Effects

## Total Effects of KSI on ETA

	ENV	LED
	-----	-----
EFF	1.40	0.59
	(0.22)	(0.21)
	6.41	2.87
PAR	0.32	1.36
	(0.17)	(0.17)
	6.85	1.91
CUL	0.51	0.20
	(0.21)	(0.21)
	7.45	3.18

## Indirect Effects of KSI on ETA

	ENV	LED
	-----	-----
EFF	1.05 (0.70) 2.49	0.43 (0.30) 2.49
PAR	- -	- -
CUL	- -	- -

## Total Effects of ETA on ETA

	EFF	PAR	CUL
	-----	-----	-----
EFF	- -	0.14 (0.09) 1.53	1.21 (0.48) 2.52
PAR	- -	- -	- -
CUL	- -	- -	- -

Largest Eigenvalue of  $B \cdot B'$  (Stability Index) is 1.493

## Total Effects of ETA on Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	0.41
QUA	- -	- -	0.43 (0.01) 29.19
FEE	- -	- -	0.42 (0.01) 29.37
DEL	- -	- -	0.41 (0.02) 26.38
RES	- -	- -	0.39 (0.01) 26.72
LOV	- -	0.44	- -



DEC	- -	0.43 (0.01) 29.54	- -
TRU	- -	0.39 (0.02) 21.32	- -
DES	- -	0.41 (0.02) 20.30	- -
JOB	0.41	0.06 (0.04) 1.53	0.49 (0.20) 2.52
ADA	0.43 (0.02) 19.94	0.06 (0.04) 1.53	0.52 (0.21) 2.53
ACH	0.40 (0.02) 18.70	0.06 (0.04) 1.53	0.48 (0.19) 2.53
ABI	0.27 (0.02) 13.19	0.04 (0.02) 1.53	0.33 (0.13) 2.52

## Indirect Effects of ETA on Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	- -
QUA	- -	- -	- -
FEE	- -	- -	- -
DEL	- -	- -	- -
RES	- -	- -	- -
LOV	- -	- -	- -
DEC	- -	- -	- -
TRU	- -	- -	- -
DES	- -	- -	- -
JOB	- -	0.06 (0.04)	0.49 (0.20)

			1.53	2.52
ADA	- -	0.06 (0.04)	1.53	0.52 (0.21) 2.53
ACH	- -	0.06 (0.04)	1.53	0.48 (0.19) 2.53
ABI	- -	0.04 (0.02)	1.53	0.33 (0.13) 2.52

## Total Effects of KSI on Y

	ENV	LED
	-----	-----
DECIS	0.65 (0.09) 7.45	0.27 (0.09) 3.18
QUA	0.68 (0.09) 7.42	0.28 (0.09) 3.18
FEE	0.67 (0.09) 7.45	0.28 (0.09) 3.18
DEL	0.65 (0.09) 7.44	0.27 (0.09) 3.18
RES	0.62 (0.08) 7.43	0.26 (0.08) 3.18
LOV	0.52 (0.08) 6.85	0.14 (0.07) 1.91
DEC	0.51 (0.07) 6.85	0.14 (0.07) 1.91
TRU	0.47 (0.07) 6.80	0.13 (0.07) 1.91
DES	0.49 (0.07) 6.79	0.13 (0.07) 1.91

JOB	0.57 (0.09) 6.41	0.24 (0.08) 2.87
ADA	0.60 (0.09) 6.56	0.25 (0.09) 2.88
ACH	0.56 (0.09) 6.52	0.24 (0.08) 2.88
ABI	0.38 (0.06) 6.19	0.16 (0.06) 2.85

TI

## Standardized Total and Indirect Effects

## Standardized Total Effects of KSI on ETA

	ENV -----	LED -----
EFF	1.40	0.59
PAR	0.32	1.36
CUL	1.51	0.20

## Standardized Indirect Effects of KSI on ETA

	ENV -----	LED -----
EFF	1.05	0.43
PAR	- -	- -
CUL	- -	- -

## Standardized Total Effects of ETA on ETA

	EFF -----	PAR -----	CUL -----
EFF	- -	0.14	1.21
PAR	- -	- -	- -
CUL	- -	- -	- -

## Standardized Total Effects of ETA on Y

	EFF -----	PAR -----	CUL -----
DECIS	- -	- -	0.41
QUA	- -	- -	0.43
FEE	- -	- -	0.42
DEL	- -	- -	0.41
RES	- -	- -	0.39
LOV	- -	0.44	- -
DEC	- -	0.43	- -

TRU	- -	0.39	- -
DES	- -	0.41	- -
JOB	0.41	0.06	0.49
ADA	0.43	0.06	0.52
ACH	0.40	0.06	0.48
ABI	0.27	0.04	0.33

## Completely Standardized Total Effects of ETA on Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	0.88
QUA	- -	- -	0.85
FEE	- -	- -	0.90
DEL	- -	- -	0.89
RES	- -	- -	0.90
LOV	- -	0.91	- -
DEC	- -	0.89	- -
TRU	- -	0.86	- -
DES	- -	0.85	- -
JOB	0.77	0.11	0.94
ADA	0.89	0.12	1.08
ACH	0.84	0.12	1.02
ABI	0.65	0.09	0.79

## Standardized Indirect Effects of ETA on Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	- -
QUA	- -	- -	- -
FEE	- -	- -	- -
DEL	- -	- -	- -
RES	- -	- -	- -
LOV	- -	- -	- -
DEC	- -	- -	- -
TRU	- -	- -	- -
DES	- -	- -	- -
JOB	- -	0.06	0.49
ADA	- -	0.06	0.52
ACH	- -	0.06	0.48
ABI	- -	0.04	0.33

## Completely Standardized Indirect Effects of ETA on Y

	EFF	PAR	CUL
	-----	-----	-----
DECIS	- -	- -	- -
QUA	- -	- -	- -
FEE	- -	- -	- -

DEL	- -	- -	- -
RES	- -	- -	- -
LOV	- -	- -	- -
DEC	- -	- -	- -
TRU	- -	- -	- -
DES	- -	- -	- -
JOB	- -	0.11	0.94
ADA	- -	0.12	1.08
ACH	- -	0.12	1.02
ABI	- -	0.09	0.79

## Standardized Total Effects of KSI on Y

	ENV	LED
	-----	-----
DECIS	0.65	0.27
QUA	0.68	0.28
FEE	0.67	0.28
DEL	0.65	0.27
RES	0.62	0.26
LOV	0.52	0.14
DEC	0.51	0.14
TRU	0.47	0.13
DES	0.49	0.13
JOB	0.57	0.24
ADA	0.60	0.25
ACH	0.56	0.24
ABI	0.38	0.16

## Completely Standardized Total Effects of KSI on Y

	ENV	LED
	-----	-----
DECIS	1.39	0.58
QUA	1.35	0.56
FEE	1.42	0.59
DEL	1.40	0.59
RES	1.42	0.59
LOV	1.08	0.29
DEC	1.06	0.28
TRU	1.02	0.27
DES	1.01	0.27
JOB	1.09	0.46
ADA	1.25	0.53
ACH	1.18	0.50
ABI	0.91	0.38

Time used: 0.109 Seconds