

ภาคผนวก ค

ตัวอย่างคำสั่งที่ใช้ในการวิเคราะห์ข้อมูล

Regression

Notes

Output Created		20-APR-2017 17:00:55
Comments		
Input	Data	/Users/apple/Documents/THESIS/วิทยานิพนธ์/ปโทป่า/แก้ไขข้อมูล 13 เมษายน 2560/good job data 005.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	262
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA COLLIN TOL CHANGE ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT SELFDIS /METHOD=STEPWISE CLASS FUTURE MOTIVE FAMILY INTER.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.00
	Memory Required	5360 bytes
	Additional Memory Required for Residual Plots	0 bytes

[DataSet1] /Users/apple/Documents/THESIS/วิทยานิพนธ์/ปโทป่า/แก้ไขข้อมูล 13 เมษายน 2560/good job data

Descriptive Statistics

	Mean	Std. Deviation	N
SELFDIS	2.4100	.34902	262
CLASS	3.8244	.45363	262
FUTURE	3.8084	.45036	262
MOTIVE	3.6814	.55473	262
FAMILY	3.8201	.64601	262
INTER	3.7433	.64074	262

Correlations

		SELFDIS	CLASS	FUTURE	MOTIVE	FAMILY	INTER
Pearson Correlation	SELFDIS	1.000	.293	.276	.169	.265	.247
	CLASS	.293	1.000	.994	.599	.618	.445
	FUTURE	.276	.994	1.000	.624	.620	.458
	MOTIVE	.169	.599	.624	1.000	.817	.705
	FAMILY	.265	.618	.620	.817	1.000	.793
	INTER	.247	.445	.458	.705	.793	1.000
Sig. (1-tailed)	SELFDIS	.	.000	.000	.003	.000	.000
	CLASS	.000	.	.000	.000	.000	.000
	FUTURE	.000	.000	.	.000	.000	.000
	MOTIVE	.003	.000	.000	.	.000	.000
	FAMILY	.000	.000	.000	.000	.	.000
	INTER	.000	.000	.000	.000	.000	.
N	SELFDIS	262	262	262	262	262	262
	CLASS	262	262	262	262	262	262
	FUTURE	262	262	262	262	262	262
	MOTIVE	262	262	262	262	262	262
	FAMILY	262	262	262	262	262	262
	INTER	262	262	262	262	262	262

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	CLASS	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
2	FUTURE	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
3	INTER	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).

a. Dependent Variable: SELFDIS

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics			
					R Square Change	F Change	df1	df2
1	.293 ^a	.086	.082	.33436	.086	24.391	1	260
2	.321 ^b	.103	.096	.33186	.017	4.932	1	259
3	.355 ^c	.126	.116	.32819	.023	6.832	1	258

Model Summary

Model	Change ...
	Sig. F Change
1	.000
2	.027
3	.009

- a. Predictors: (Constant), CLASS
- b. Predictors: (Constant), CLASS, FUTURE
- c. Predictors: (Constant), CLASS, FUTURE, INTER

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.727	1	2.727	24.391	.000 ^b
	Residual	29.068	260	.112		
	Total	31.795	261			
2	Regression	3.270	2	1.635	14.846	.000 ^c
	Residual	28.525	259	.110		
	Total	31.795	261			
3	Regression	4.006	3	1.335	12.397	.000 ^d
	Residual	27.789	258	.108		
	Total	31.795	261			

- a. Dependent Variable: SELFDIS
- b. Predictors: (Constant), CLASS
- c. Predictors: (Constant), CLASS, FUTURE
- d. Predictors: (Constant), CLASS, FUTURE, INTER

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations	
		B	Std. Error	Beta			Zero-order	Partial
1	(Constant)	1.548	.176		8.812	.000		
	CLASS	.225	.046	.293	4.939	.000	.293	.293
2	(Constant)	1.580	.175		9.031	.000		
	CLASS	1.112	.402	1.445	2.767	.006	.293	.169
	FUTURE	-.899	.405	-1.160	-2.221	.027	.276	-.137
3	(Constant)	1.461	.179		8.161	.000		
	CLASS	1.216	.399	1.581	3.045	.003	.293	.186
	FUTURE	1.064	.405	1.373	-2.626	.009	.276	-.161
	INTER	.094	.036	.172	2.614	.009	.247	.161

Coefficients^a

Model		Correlations	Collinearity Statistics	
		Part	Tolerance	VIF
1	(Constant)			
	CLASS	.293	1.000	1.000
2	(Constant)			
	CLASS	.163	.013	78.739
	FUTURE	-.131	.013	78.739
3	(Constant)			
	CLASS	.177	.013	79.532
	FUTURE	-.153	.012	80.706
	INTER	.152	.782	1.278

a. Dependent Variable: SELFDIS

Excluded Variables^a

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics		
						Tolerance	VIF	Minimum Tolerance
1	FUTURE	-1.160 ^b	-2.221	.027	-.137	.013	78.739	.013
	MOTIVE	-.010 ^b	-.138	.891	-.009	.642	1.559	.642
	FAMILY	.136 ^b	1.813	.071	.112	.619	1.617	.619
	INTER	.145 ^b	2.206	.028	.136	.802	1.247	.802
2	MOTIVE	.047 ^c	.605	.546	.038	.576	1.737	.011
	FAMILY	.149 ^c	1.996	.047	.123	.615	1.625	.013
	INTER	.172 ^c	2.614	.009	.161	.782	1.278	.012
3	MOTIVE	-.115 ^d	-1.199	.232	-.075	.368	2.718	.011
	FAMILY	.014 ^d	.125	.901	.008	.282	3.540	.012

a. Dependent Variable: SELFDIS

b. Predictors in the Model: (Constant), CLASS

c. Predictors in the Model: (Constant), CLASS, FUTURE

d. Predictors in the Model: (Constant), CLASS, FUTURE, INTER

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	CLASS	FUTURE	INTER
1	1	1.993	1.000	.00	.00		
	2	.007	16.953	1.00	1.00		
2	1	2.991	1.000	.00	.00	.00	
	2	.009	18.044	1.00	.00	.00	
	3	8.778E-005	184.577	.00	1.00	1.00	
3	1	3.974	1.000	.00	.00	.00	.00
	2	.017	15.296	.06	.00	.00	.98
	3	.009	20.800	.94	.00	.00	.00
	4	8.633E-005	214.544	.00	1.00	1.00	.02

a. Dependent Variable: SELFDIS

