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Dy, Angela Carmina Martinez (2010) A Conceptual Framework of Internet Contributions to Young Adult Entrepreneurship. [Dissertation (University of Nottingham only)] (Unpublished)

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PLUM entreintent WITH age gender ethnicity education yrsWeb hrsWeb workuse onlineideagen offlineideagen Netimportance obstacles Neto
bstacles
/CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8)
/LINK=PROBIT
/PRINT=FIT PARAMETER SUMMARY TPARALLEL.
    
```

PLUM - Ordinal Regression

[DataSet1] E:\MSc Entrepreneurship\Dissertation\Quantitative Survey\dataset 26 Aug 2010.sav

Warnings

There are 783 (90.0%) cells (i.e., dependent variable levels by combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
entreintent	1	5	5.7%
	2	5	5.7%
	3	7	8.0%
	4	5	5.7%
	5	7	8.0%
	6	6	6.9%
	7	8	9.2%
	8	7	8.0%
	9	9	10.3%
	10	28	32.2%
Valid		87	100.0%
Missing		17	
Total		104	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	366.131			
Final	306.817	59.314	12	.000

Link function: Probit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	696.582	762	.956
Deviance	306.817	762	1.000

Link function: Probit.

Pseudo R-Square

Cox and Snell	.494
Nagelkerke	.502
McFadden	.162

Link function: Probit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Threshold	[entreintent = 1]	.235	1.350	.030	1	.862	-2.412	2.882
	[entreintent = 2]	.806	1.344	.360	1	.549	-1.828	3.441
	[entreintent = 3]	1.311	1.345	.950	1	.330	-1.325	3.946
	[entreintent = 4]	1.592	1.346	1.399	1	.237	-1.046	4.231
	[entreintent = 5]	1.929	1.349	2.044	1	.153	-.715	4.574
	[entreintent = 6]	2.186	1.352	2.614	1	.106	-.464	4.837
	[entreintent = 7]	2.497	1.356	3.388	1	.066	-.162	5.155
	[entreintent = 8]	2.776	1.361	4.163	1	.041	.109	5.442
	[entreintent = 9]	3.194	1.367	5.456	1	.020	.514	5.874
Location	age	.071	.036	3.846	1	.050	4.348E-5	.142
	gender	-.258	.259	.986	1	.321	-.766	.251
	ethnicity	-.041	.077	.284	1	.594	-.191	.109
	education	-.202	.147	1.896	1	.169	-.490	.086
	yrsWeb	-.091	.194	.220	1	.639	-.472	.289
	hrsWeb	-.180	.151	1.425	1	.233	-.475	.115
	workuse	.581	.167	12.068	1	.001	.253	.909
	onlineideagen	.316	.365	.752	1	.386	-.398	1.031
	offlineideagen	.527	.271	3.778	1	.052	-.004	1.059
	Netimportance	.093	.042	4.826	1	.028	.010	.176
obstacles	-.050	.064	.601	1	.438	-.176	.076	
Netobstacles	.205	.069	8.736	1	.003	.069	.341	

Link function: Probit.

Test of Parallel Lines

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Null Hypothesis	306.817			
General	100.562 ^a	206.256 ^b	96	.000

The null hypothesis states that the location parameters (slope coefficients) are the same across response categories.

- a. The log-likelihood value cannot be further increased after maximum number of step-halving.
- b. The Chi-Square statistic is computed based on the log-likelihood value of the last iteration of the general model. Validity of the test is uncertain.
- c. Link function: Probit.

```
PLUM entreintent WITH age gender ethnicity education
/CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8)
/LINK=PROBIT
/PRINT=FIT PARAMETER SUMMARY TPARALLEL.
```

PLUM - Ordinal Regression

[DataSet1] E:\MSc Entrepreneurship\Dissertation\Quantitative Survey\dataset 26 Aug 2010.sav

Warnings

There are 692 (88.7%) cells (i.e., dependent variable levels by combinations of predictor variable values) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
entreintent	1	5	5.6%
	2	5	5.6%
	3	7	7.8%
	4	7	7.8%
	5	7	7.8%
	6	6	6.7%
	7	8	8.9%
	8	8	8.9%
	9	9	10.0%

Case Processing Summary

	N	Marginal Percentage
entreintent = 10	28	31.1%
Valid	90	100.0%
Missing	14	
Total	104	

Model Fitting Information

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	365.556			
Final	351.421	14.136	4	.007

Link function: Probit.

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	1013.708	689	.000
Deviance	336.851	689	1.000

Link function: Probit.

Pseudo R-Square

Cox and Snell	.145
Nagelkerke	.147
McFadden	.037

Link function: Probit.

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Threshold	[entreintent = 1]	-1.316	.835	2.482	1	.115	-2.954	.321
	[entreintent = 2]	-.930	.827	1.266	1	.260	-2.551	.690
	[entreintent = 3]	-.576	.823	.489	1	.484	-2.189	1.037
	[entreintent = 4]	-.304	.822	.137	1	.711	-1.915	1.307
	[entreintent = 5]	-.070	.821	.007	1	.932	-1.679	1.540
	[entreintent = 6]	.121	.821	.022	1	.883	-1.489	1.731
	[entreintent = 7]	.365	.822	.198	1	.657	-1.245	1.976
	[entreintent = 8]	.607	.823	.545	1	.460	-1.005	2.220
	[entreintent = 9]	.908	.824	1.212	1	.271	-.708	2.523
Location	age	.078	.028	7.562	1	.006	.022	.134
	gender	-.493	.236	4.367	1	.037	-.955	-.031

Link function: Probit.

Parameter Estimates

	Estimate	Std. Error	Wald	df	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Location ethnicity	.024	.069	.123	1	.726	-.111	.159
education	-.193	.129	2.232	1	.135	-.446	.060

Link function: Probit.

Test of Parallel Lines

Model	-2 Log Likelihood	Chi-Square	df	Sig.
Null Hypothesis	351.421			
General	275.656 ^a	75.764 ^b	32	.000

The null hypothesis states that the location parameters (slope coefficients) are the same across response categories.

a. The log-likelihood value cannot be further increased after maximum number of step-halving.

b. The Chi-Square statistic is computed based on the log-likelihood value of the last iteration of the general model. Validity of the test is uncertain.

c. Link function: Probit.