```
NOMREG Baby_shoes_multi (BASE=LAST ORDER=ASCENDING) BY Psychogeometry WITH
Forest_is_cut
    Caravan_goes Normativity Gender Age Children
  /CRITERIA CIN(95) DELTA(0) MXITER(100) MXSTEP(5) CHKSEP(20) LCONVERGE(0)
PCONVERGE(0.000001)
    SINGULAR(0.00000001)
  /MODEL
  /STEPWISE=PIN(.05) POUT(0.1) MINEFFECT(0) RULE(SINGLE) ENTRYMETHOD(LR)
REMOVALMETHOD(LR)
  /INTERCEPT=INCLUDE
  /PRINT=FIT PARAMETER SUMMARY LRT CPS STEP MFI IC.
```

Nominal Regression

Notes

Output Created		29-APR-2021 14:05:05
Comments		
Input	Data	C:\Users\vitart0\OneDrive\Documents\!MyDocs\!Sience\SPSS\Hemingway\Hemingway's six-word story effect (en).sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	103
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.

Syntax		NOMREG Baby_shoes_multi (BASE=LAST ORDER=ASCENDING) BY Psychogeometry WITH Forest_is_cut Caravan_goes Normativity Gender Age Children /CRITERIA CIN(95) DELTA(0) MXITER(100) MXSTEP(5) CHKSEP(20) LCONVERGE(0) PCONVERGE(0.000001) SINGULAR(0.00000001) /MODEL /STEPWISE=PIN(.05) POUT(0.1) MINEFFECT(0) RULE(SINGLE) ENTRYMETHOD(LR) REMOVALMETHOD(LR) /INTERCEPT=INCLUDE /PRINT=FIT PARAMETER SUMMARY LRT CPS STEP MFI IC.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

Warnings

There are 199 (66.3%) cells (i.e., dependent variable levels by subpopulations) with zero frequencies.

Case Processing Summary

		N	Marginal Percentage
Baby_shoes_multi	sad interpretation	26	25.2%
	pragmatism of parents	55	53.4%
	seller trick	22	21.4%
Psychogeometry	circle	21	20.4%
	squiggle	21	20.4%

	triangle	22	21.4%
	square	27	26.2%
	rectangle	12	11.7%
Valid		103	100.0%
Missing		0	
Total		103	
Subpopulation		100[a]	

a. The dependent variable has only one value observed in 99 (99.0%) subpopulations.

Model Fitting Information

	Model Fitting Criteria			Likelihood Ratio Tests		
Model	AIC	BIC	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	211.134	216.404	207.134			
Final	231.268	283.963	191.268	15.866	18	.602

Goodness-of-Fit

	Chi-Square	df	Sig.
Pearson	195.518	180	.203
Deviance	189.882	180	.292

Pseudo R-Square

Cox and Snell	.143
Nagelkerke	.164
McFadden	.076

Likelihood Ratio Tests

	Model Fitting Criteria			Likelihood Ratio Tests		
Effect	AIC of Reduced Model	BIC of Reduced Model	-2 Log Likelihood of Reduced Model	Chi-Square	df	Sig.
Intercept	231.268	283.963	191.268[a]	.000	0	.
Forest_is_cut	231.268	283.963	191.268[a]	.000	0	.
Caravan_goes	231.268	283.963	191.268[a]	.000	0	.
Normativity	231.268	283.963	191.268[a]	.000	0	.

Gender	229.962	277.388	193.962	2.694	2	.260
Age	227.489	274.914	191.489	.221	2	.896
Children	227.406	274.831	191.406	.137	2	.934
Psychogeometry	221.527	253.143	197.527	6.258	8	.618

The chi-square statistic is the difference in -2 log-likelihoods between the final model and a reduced model. The reduced model is formed by omitting an effect from the final model. The null hypothesis is that all parameters of that effect are 0.

a. This reduced model is equivalent to the final model because omitting the effect does not increase the degrees of freedom.

Parameter Estimates

Baby_shoes_multi[a]		B	Std. Error	Wald	df	Sig.	Exp(B)	95% Confidence Interval for Exp(B) Lower Bound	Upper Bound
sad interpretation	Intercept	1.018	2.422	.177	1	.674			
	Forest_is_cut	-1.473	.956	2.377	1	.123	.229	.035	1.491
	Caravan_goes	.334	.694	.231	1	.631	1.396	.358	5.443
	Normativity	0[b]	.	.	0	.	.	.	.
	Gender	.816	.634	1.656	1	.198	2.261	.653	7.833
	Age	-.003	.042	.005	1	.946	.997	.919	1.082
	Children	.078	.830	.009	1	.925	1.081	.212	5.500
	[Psychogeometry=1]	-1.037	1.247	.692	1	.406	.354	.031	4.084
	[Psychogeometry=2]	-.743	1.123	.438	1	.508	.476	.053	4.296
	[Psychogeometry=3]	-1.445	1.112	1.689	1	.194	.236	.027	2.085
	[Psychogeometry=4]	-.583	1.103	.280	1	.597	.558	.064	4.844
	[Psychogeometry=5]	0[b]	.	.	0	.	.	.	.
pragmatism of parents	Intercept	-1.737	2.056	.714	1	.398			
	Forest_is_cut	.425	.661	.413	1	.521	1.529	.419	5.586
	Caravan_goes	.330	.607	.295	1	.587	1.391	.423	4.571
	Normativity	0[b]	.	.	0	.	.	.	.
	Gender	.877	.557	2.481	1	.115	2.403	.807	7.157
	Age	.012	.036	.105	1	.746	1.012	.942	1.087
	Children	.248	.723	.118	1	.732	1.281	.310	5.289
	[Psychogeometry=1]	.397	1.076	.136	1	.712	1.488	.180	12.266

	[Psychogeometry=2]	-.515	1.022	.254	1	.615	.598	.081	4.431
	[Psychogeometry=3]	-.992	1.009	.966	1	.326	.371	.051	2.680
	[Psychogeometry=4]	-.121	1.019	.014	1	.906	.886	.120	6.527
	[Psychogeometry=5]	0[b]	.	.	0	.	.	.	.

a. The reference category is: seller trick.

b. This parameter is set to zero because it is redundant.