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NOMREG two_or_one (BASE='one' ORDER=ASCENDING) BY living persp
/CRITERIA CIN(95) DELTA(0) MXITER(100) MXSTEP(5) CHKSEP(20) LCONVERGE(0) PCO
NVERGE(0.000001)
SINGULAR(0.00000001)
/MODEL
/STEPWISE=PIN(.05) POUT(0.1) MINEFFECT(0) RULE(SINGLE) ENTRYMETHOD(LR) REMOV
ALMETHOD(LR)
/INTERCEPT=INCLUDE
/PRINT=PARAMETER SUMMARY LRT CPS STEP MFI.

```

Nominal Regression

Notes

Output Created		12-SEP-2019 22:23:02
Comments		
Input	Data	/Users/julian/Documents/github/juliandefreitas/serial_self/e1_original_or_copy/data/data_e1.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	350
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.

Notes

Syntax	<p>NOMREG two_or_one (BASE='one' ORDER=ASCENDING) BY living persp /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=PARAMETER SUMMARY LRT CPS STEP MFI.</p>				
Resources	<table> <tr> <td data-bbox="516 863 698 894">Processor Time</td><td data-bbox="971 863 1112 894">00:00:00.01</td></tr> <tr> <td data-bbox="516 905 673 936">Elapsed Time</td><td data-bbox="971 905 1112 936">00:00:00.00</td></tr> </table>	Processor Time	00:00:00.01	Elapsed Time	00:00:00.00
Processor Time	00:00:00.01				
Elapsed Time	00:00:00.00				

Warnings

Unexpected singularities in the Hessian matrix are encountered. This indicates that either some predictor variables should be excluded or some categories should be merged.

The NOMREG procedure continues despite the above warning(s). Subsequent results shown are based on the last iteration. Validity of the model fit is uncertain.

Case Processing Summary

		N	Marginal Percentage
two_or_one	neither	10	2.9%
	one	273	78.0%
	two	67	19.1%
living	alive	177	50.6%
	dead	173	49.4%
persp	first	178	50.9%
	third	172	49.1%
Valid		350	100.0%
Missing		0	
Total		350	
Subpopulation		4	

Model Fitting Information

Model	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	48.360			
Final	24.562	23.799	4	.000

Pseudo R-Square

Cox and Snell	.066
Nagelkerke	.093
McFadden	.056

Likelihood Ratio Tests

Effect	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood of Reduced Model	Chi-Square	df	Sig.
Intercept	24.562 ^a	.000	0	.
living	39.346	14.784	2	.001
persp	33.704	9.142	2	.010

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

two_or_one ^a		B	Std. Error	Wald	df	Sig.	Exp(B)
neither	Intercept	-2.657	.462	33.067	1	.000	
	[living=alive]	-21.830	.000	.	1	.	3.307E-10
	[living=dead]	0 ^b	.	.	0	.	.
	[persp=first]	.210	.655	.103	1	.749	1.233
	[persp=third]	0 ^b	.	.	0	.	.
two	Intercept	-1.802	.263	46.766	1	.000	
	[living=alive]	-.173	.277	.390	1	.532	.841
	[living=dead]	0 ^b	.	.	0	.	.
	[persp=first]	.847	.287	8.687	1	.003	2.333
	[persp=third]	0 ^b	.	.	0	.	.

Parameter Estimates

two_or_one ^a		95% Confidence Interval for Exp(B)	
		Lower Bound	Upper Bound
neither	Intercept		
	[living=alive]	3.307E-10	3.307E-10
	[living=dead]	.	.
	[persp=first]	.342	4.449
	[persp=third]	.	.
two	Intercept		
	[living=alive]	.489	1.447
	[living=dead]	.	.
	[persp=first]	1.328	4.099
	[persp=third]	.	.

a. The reference category is: one.

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

```

NOMREG identity_name (BASE='1_original' ORDER=ASCENDING) BY living persp
/CRITERIA CIN(95) DELTA(0) MXITER(100) MXSTEP(5) CHKSEP(20) LCONVERGE(0) PCO
NVERGE(0.000001)
SINGULAR(0.00000001)
/MODEL
/STEPWISE=PIN(.05) POUT(0.1) MINEFFECT(0) RULE(SINGLE) ENTRYMETHOD(LR) REMOV
ALMETHOD(LR)
/INTERCEPT=INCLUDE
/PRINT=PARAMETER SUMMARY LRT CPS STEP MFI.

```

Nominal Regression

Notes

Output Created		12-SEP-2019 22:25:24
Comments		
Input	Data	/Users/julian/Documents/github/juliandefreitas/serial_self/e1_original_or_copy/data/data_e1.csv
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	350
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 identity_name (BASE='1_original' ORDER=ASCENDING) BY living persp /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=PARAMETER SUMMARY LRT CPS STEP MFI.
Resources	Processor Time	00:00:00.01
	Elapsed Time	00:00:00.00

Warnings

Unexpected singularities in the Hessian matrix are encountered. This indicates that either some predictor variables should be excluded or some categories should be merged.

The NOMREG procedure continues despite the above warning(s). Subsequent results shown are based on the last iteration. Validity of the model fit is uncertain.

Case Processing Summary

		N	Marginal Percentage
identity_name	1_original	204	58.3%
	2_copy	69	19.7%
	3_neither	10	2.9%
	4_both	67	19.1%
living	alive	177	50.6%
	dead	173	49.4%
persp	first	178	50.9%
	third	172	49.1%
Valid		350	100.0%
Missing		0	
Total		350	
Subpopulation		4	

Model Fitting Information

Model	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	139.694			
Final	46.305	93.390	6	.000

Pseudo R-Square

Cox and Snell	.234
Nagelkerke	.267
McFadden	.127

Likelihood Ratio Tests

Effect	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood of Reduced Model	Chi-Square	df	Sig.
Intercept	46.305 ^a	.000	0	.
living	71.448	25.143	3	.000
persp	118.147	71.843	3	.000

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

identity_name ^a		B	Std. Error	Wald	df	Sig.	Exp(B)
2_copy	Intercept	-2.191	.345	40.326	1	.000	
	[living=alive]	-1.002	.317	9.974	1	.002	.367
	[living=dead]	0 ^b	.	.	0	.	.
	[persp=first]	2.566	.382	45.216	1	.000	13.017
	[persp=third]	0 ^b	.	.	0	.	.
3_neither	Intercept	-2.533	.464	29.857	1	.000	
	[living=alive]	-21.199	.000	.	1	.	6.212E-10
	[living=dead]	0 ^b	.	.	0	.	.
	[persp=first]	.964	.668	2.086	1	.149	2.623
	[persp=third]	0 ^b	.	.	0	.	.
4_both	Intercept	-1.580	.264	35.891	1	.000	
	[living=alive]	-.497	.298	2.775	1	.096	.609
	[living=dead]	0 ^b	.	.	0	.	.
	[persp=first]	1.447	.304	22.654	1	.000	4.251
	[persp=third]	0 ^b	.	.	0	.	.

Parameter Estimates

identity_name ^a		95% Confidence Interval for Exp(B)	
		Lower Bound	Upper Bound
2_copy	Intercept		
	[living=alive]	.197	.684
	[living=dead]	.	.
	[persp=first]	6.161	27.502
	[persp=third]	.	.
3_neither	Intercept		
	[living=alive]	6.212E-10	6.212E-10
	[living=dead]	.	.
	[persp=first]	.709	9.704
	[persp=third]	.	.
4_both	Intercept		
	[living=alive]	.339	1.092
	[living=dead]	.	.
	[persp=first]	2.343	7.715
	[persp=third]	.	.

- a. The reference category is: 1_original.
- b. This parameter is set to zero because it is redundant.