```
LOGISTIC REGRESSION VARIABLES Baby_shoes
  /SELECT=Children EQ 0
  /METHOD=ENTER Forest_is_cut Caravan_goes Gender Age Psychogeometry
Normativity
  /CONTRAST (Psychogeometry)=Indicator
  /PRINT=GOODFIT CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		01-MAY-2021 20:21:01
Comments		
Input	Data	C:\Users\vitart0\OneDrive\Documents\!MyDocs\!Sience\SPSS\Hemingway\Hemingway's six-word story effect (en).sav
	Active Dataset	DataSet3
	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
Syntax		LOGISTIC REGRESSION VARIABLES Baby_shoes /SELECT=Children EQ 0 /METHOD=ENTER Forest_is_cut Caravan_goes Gender Age Psychogeometry Normativity /CONTRAST (Psychogeometry)=Indicator /PRINT=GOODFIT CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).

Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

Warnings

Due to redundancies, degrees of freedom have been reduced for one or more variables.

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	40	38.8
	Missing Cases	0	.0
	Total	40	38.8
Unselected Cases		63	61.2
Total		103	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
sad interpretation	0
pragmatic interpretation	1

Categorical Variables Codings

			Parameter coding			
		Frequency	(1)	(2)	(3)	(4)
Psychogeometry	circle	8	1.000	.000	.000	.000
	squiggle	8	.000	1.000	.000	.000
	triangle	9	.000	.000	1.000	.000
	square	9	.000	.000	.000	1.000
	rectangle	6	.000	.000	.000	.000

Block 0: Beginning Block

Classification Table[a,b]

			Predicted					
			Selected Cases[c]			Unselected Cases[d]		
			Baby_shoes			Baby_shoes		
	Observed		sad interpretation	pragmatic interpretation	Percentage Correct	sad interpretation	pragmatic interpretation	Percentage Correct
Step 0	Baby_shoes	sad interpretation	0	10	.0	0	16	.0
		pragmatic interpretation	0	30	100.0	0	47	100.0
	Overall Percentage				75.0			74.6

a. Constant is included in the model.

b. The cut value is .500

c. Selected cases Children EQ 0

d. Unselected cases Children NE 0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.099	.365	9.052	1	.003	3.000

Variables not in the Equation[a]

			Score	df	Sig.
Step 0	Variables	Forest_is_cut	1.319	1	.251
		Caravan_goes	.556	1	.456
		Gender	1.212	1	.271
		Age	.451	1	.502
		Psychogeometry	5.407	4	.248
		Psychogeometry(1)	3.333	1	.068
		Psychogeometry(2)	.833	1	.361
		Psychogeometry(3)	2.342	1	.126
		Psychogeometry(4)	.048	1	.827
		Normativity	1.550	1	.213

a. Residual Chi-Squares are not computed because of redundancies.

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	10.348	8	.241
	Block	10.348	8	.241
	Model	10.348	8	.241

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	34.639[a]	.228	.338

a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	5.024	8	.755

Contingency Table for Hosmer and Lemeshow Test

		Baby_shoes = sad interpretation		Baby_shoes = pragmatic interpretation		
		Observed	Expected	Observed	Expected	Total
Step 1	1	3	2.525	1	1.475	4
	2	3	2.055	1	1.945	4
	3	1	1.612	3	2.388	4
	4	1	1.279	3	2.721	4
	5	0	.918	4	3.082	4
	6	1	.704	3	3.296	4
	7	0	.568	4	3.432	4
	8	1	.339	3	3.661	4
	9	0	.000	4	4.000	4
	10	0	.000	4	4.000	4

Classification Table[a]

			Predicted					
			Selected Cases[b]			Unselected Cases[c]		
			Baby_shoes			Baby_shoes		
	Observed		sad interpretation	pragmatic interpretation	Percentage Correct	sad interpretation	pragmatic interpretation	Percentage Correct
Step 1	Baby_shoes	sad interpretation	5	5	50.0	0	16	.0
		pragmatic interpretation	1	29	96.7	2	45	95.7
	Overall Percentage				85.0			71.4

a. The cut value is .500

b. Selected cases Children EQ 0

c. Unselected cases Children NE 0

Variables in the Equation

								95% C.I.for EXP(B)	
		B	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper
Step 1[a]	Forest_is_cut	1.259	1.109	1.287	1	.257	3.521	.400	30.967
	Caravan_goes	.118	.944	.016	1	.900	1.126	.177	7.162
	Gender	-1.105	.970	1.297	1	.255	.331	.049	2.218
	Age	.081	.080	1.018	1	.313	1.084	.926	1.269
	Psychogeometry			1.560	4	.816			
	Psychogeometry(1)	20.187	13585.152	.000	1	.999	585096740.093	.000	.
	Psychogeometry(2)	-.655	1.398	.220	1	.639	.520	.034	8.040
	Psychogeometry(3)	-.416	1.434	.084	1	.772	.659	.040	10.968
	Psychogeometry(4)	.768	1.576	.238	1	.626	2.156	.098	47.330
	Constant	-1.423	3.699	.148	1	.700	.241		

a. Variable(s) entered on step 1: Forest_is_cut, Caravan_goes, Gender, Age, Psychogeometry.

```
LOGISTIC REGRESSION VARIABLES Baby_shoes
  /SELECT=Children NE 0
  /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Gender Age Psychogeometry
Normativity
  /CONTRAST (Psychogeometry)=Indicator
  /PRINT=GOODFIT CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		01-MAY-2021 20:22:24
Comments		
Input	Data	C:\Users\vitart0\OneDrive\Documents\!MyDocs\!Sience\SPSS\Hemingway\Hemingway's six-word story effect (en).sav
	Active Dataset	DataSet3
	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
Syntax		LOGISTIC REGRESSION VARIABLES Baby_shoes /SELECT=Children NE 0 /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Gender Age Psychogeometry Normativity /CONTRAST (Psychogeometry)=Indicator /PRINT=GOODFIT CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	63	61.2
	Missing Cases	0	.0
	Total	63	61.2
Unselected Cases		40	38.8
Total		103	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
sad interpretation	0
pragmatic interpretation	1

Categorical Variables Codings

			Parameter coding			
		Frequency	(1)	(2)	(3)	(4)
Psychogeometry	circle	13	1.000	.000	.000	.000
	squiggle	13	.000	1.000	.000	.000
	triangle	13	.000	.000	1.000	.000
	square	18	.000	.000	.000	1.000
	rectangle	6	.000	.000	.000	.000

Block 0: Beginning Block

Classification Table[a,b]

			Predicted					
			Selected Cases[c]			Unselected Cases[d]		
			Baby_shoes			Baby_shoes		
	Observed		sad interpretation	pragmatic interpretation	Percentage Correct	sad interpretation	pragmatic interpretation	Percentage Correct
Step 0	Baby_shoes	sad interpretation	0	16	.0	0	10	.0
		pragmatic interpretation	0	47	100.0	0	30	100.0

Overall Percentage			74.6			75.0

a. Constant is included in the model.

b. The cut value is .500

c. Selected cases Children NE 0

d. Unselected cases Children EQ 0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.078	.289	13.860	1	.000	2.937

Variables not in the Equation[a]

			Score	df	Sig.
Step 0	Variables	Forest_is_cut	4.047	1	.044
		Caravan_goes	.012	1	.912
		Gender	.549	1	.459
		Age	.157	1	.692
		Psychogeometry	4.740	4	.315
		Psychogeometry(1)	.047	1	.829
		Psychogeometry(2)	.047	1	.829
		Psychogeometry(3)	2.710	1	.100
		Psychogeometry(4)	.838	1	.360
		Normativity	1.068	1	.301

a. Residual Chi-Squares are not computed because of redundancies.

Block 1: Method = Forward Stepwise (Wald)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	6.478	1	.011
	Block	6.478	1	.011
	Model	6.478	1	.011

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	64.920[a]	.098	.144

a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.

Contingency Table for Hosmer and Lemeshow Test

		Baby_shoes = sad interpretation		Baby_shoes = pragmatic interpretation		
		Observed	Expected	Observed	Expected	Total
Step 1	1	16	16.000	37	37.000	53
	2	0	.000	10	10.000	10

Classification Table[a]

			Predicted					
			Selected Cases[b]			Unselected Cases[c]		
			Baby_shoes			Baby_shoes		
	Observed		sad interpretation	pragmatic interpretation	Percentage Correct	sad interpretation	pragmatic interpretation	Percentage Correct
Step 1	Baby_shoes	sad interpretation	0	16	.0	0	10	.0
		pragmatic interpretation	0	47	100.0	0	30	100.0
	Overall Percentage				74.6			75.0

a. The cut value is .500

b. Selected cases Children NE 0

c. Unselected cases Children EQ 0

Variables in the Equation[b]

							95% C.I.for EXP(B)	
	B	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper

Step 1[a]	Forest_is_cut	20.365	12710.131	.000	1	.999	698583606.695	.000	.
	Constant	-19.526	12710.131	.000	1	.999	.000		

a. Variable(s) entered on step 1: Forest_is_cut.

b. Stepwise procedure stopped because removing the least significant variable results in a previously fitted model.

Variables not in the Equation[a]

			Score	df	Sig.
Step 1	Variables	Caravan_goes	.559	1	.455
		Gender	.310	1	.578
		Age	.000	1	.993
		Psychogeometry	4.315	4	.365
		Psychogeometry(1)	.198	1	.656
		Psychogeometry(2)	.056	1	.813
		Psychogeometry(3)	2.384	1	.123
		Psychogeometry(4)	1.449	1	.229
		Normativity	.559	1	.455

a. Residual Chi-Squares are not computed because of redundancies.