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

Logistic Regression

Notes

Output Created		23-APR-2021 17:22:59
Comments		
Input	Data	C:\Users\vitart0\OneDrive\Documents\!MyDocs\!Sience\SPSS\Hemingway\Hemingway's six-word story effect (en).sav
	Active Dataset	DataSet1
	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 /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Gender Age Psychogeometry Children /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	00:00:00.05

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	103	100.0
	Missing Cases	0	.0
	Total	103	100.0
Unselected Cases		0	.0
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	21	1.000	.000	.000	.000
	squiggle	21	.000	1.000	.000	.000
	triangle	22	.000	.000	1.000	.000
	square	27	.000	.000	.000	1.000
	rectangle	12	.000	.000	.000	.000

Block 0: Beginning Block

Classification Table[a,b]

			Predicted		
			Baby_shoes		
	Observed		sad interpretation	pragmatic interpretation	Percentage Correct
Step 0	Baby_shoes	sad interpretation	0	26	.0

	pragmatic interpretation	0	77	100.0
	Overall Percentage			74.8

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.086	.227	22.912	1	.000	2.962

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Forest_is_cut	4.741	1	.029
		Caravan_goes	.160	1	.689
		Gender	.026	1	.872
		Age	.002	1	.962
		Psychogeometry	2.225	4	.695
		Psychogeometry(1)	1.678	1	.195
		Psychogeometry(2)	.155	1	.694
		Psychogeometry(3)	.094	1	.759
		Psychogeometry(4)	.373	1	.541
		Children	.002	1	.964
	Overall Statistics		7.618	9	.573

Block 1: Method = Forward Stepwise (Wald)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	5.599	1	.018
	Block	5.599	1	.018
	Model	5.599	1	.018

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	110.788[a]	.053	.078

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

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	24	24.000	55	55.000	79
	2	2	2.000	22	22.000	24

Classification Table[a]

			Predicted		
			Baby_shoes		
	Observed		sad interpretation	pragmatic interpretation	Percentage Correct
Step 1	Baby_shoes	sad interpretation	0	26	.0
		pragmatic interpretation	0	77	100.0
	Overall Percentage				74.8

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B) Lower	Upper
Step 1[a]	Forest_is_cut	1.569	.778	4.065	1	.044	4.800	1.045	22.054
	Constant	-.739	.886	.696	1	.404	.477		

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

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Caravan_goes	.014	1	.905
		Gender	.053	1	.818
		Age	.181	1	.671
		Psychogeometry	2.564	4	.633
		Psychogeometry(1)	1.728	1	.189
		Psychogeometry(2)	.305	1	.581
		Psychogeometry(3)	.108	1	.742
		Psychogeometry(4)	.125	1	.724
		Children	.211	1	.646
	Overall Statistics		3.038	8	.932

```
LOGISTIC REGRESSION VARIABLES Baby_shoes
  /SELECT=Gender EQ 1
  /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Age Psychogeometry Children
  /CONTRAST (Psychogeometry)=Indicator
  /PRINT=GOODFIT CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		23-APR-2021 17:23:42
Comments		
Input	Data	C:\Users\vitart0\OneDrive\Documents\!MyDocs\!Sience\SPSS\Hemingway\Hemingway's six-word story effect (en).sav
	Active Dataset	DataSet1
	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=Gender EQ 1 /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Age Psychogeometry Children /CONTRAST (Psychogeometry)=Indicator /PRINT=GOODFIT CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	37	35.9
	Missing Cases	0	.0
	Total	37	35.9
Unselected Cases		66	64.1
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	7	1.000	.000	.000	.000
	squiggle	8	.000	1.000	.000	.000
	triangle	6	.000	.000	1.000	.000

	square	10	.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	9	.0	0	17	.0
		pragmatic interpretation	0	28	100.0	0	49	100.0
	Overall Percentage				75.7			74.2

a. Constant is included in the model.

b. The cut value is .500

c. Selected cases Gender EQ 1

d. Unselected cases Gender NE 1

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.135	.383	8.774	1	.003	3.111

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Forest_is_cut	.775	1	.379
		Caravan_goes	4.273	1	.039
		Age	1.032	1	.310
		Psychogeometry	6.403	4	.171
		Psychogeometry(1)	.473	1	.492
		Psychogeometry(2)	.775	1	.379
		Psychogeometry(3)	2.302	1	.129
		Psychogeometry(4)	1.829	1	.176

	Children	1.117	1	.291
	Overall Statistics	10.493	8	.232

Block 1: Method = Forward Stepwise (Wald)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	4.865	1	.027
	Block	4.865	1	.027
	Model	4.865	1	.027

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	36.189[a]	.123	.184

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

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	8	8.000	14	14.000	22
	2	1	1.000	14	14.000	15

Classification Table[a]

Observed	Predicted

			Selected Cases[b]			Unselected Cases[c]		
			Baby_shoes			Baby_shoes		
			sad interpretation	pragmatic interpretation	Percentage Correct	sad interpretation	pragmatic interpretation	Percentage Correct
Step 1	Baby_shoes	sad interpretation	0	9	.0	0	17	.0
		pragmatic interpretation	0	28	100.0	0	49	100.0
	Overall Percentage				75.7			74.2

a. The cut value is .500

b. Selected cases Gender EQ 1

c. Unselected cases Gender NE 1

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B) Lower	Upper
Step 1[a]	Caravan_goes	2.079	1.126	3.411	1	.065	8.000	.880	72.700
	Constant	-1.520	1.363	1.244	1	.265	.219		

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

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Forest_is_cut	.223	1	.637
		Age	.096	1	.757
		Psychogeometry	4.777	4	.311
		Psychogeometry(1)	.473	1	.492
		Psychogeometry(2)	.553	1	.457
		Psychogeometry(3)	1.638	1	.201
		Psychogeometry(4)	.713	1	.398
		Children	.239	1	.625
	Overall Statistics		6.748	7	.456

```
LOGISTIC REGRESSION VARIABLES Baby_shoes
  /SELECT=Gender EQ 2
  /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Age Psychogeometry Children
  /CONTRAST (Psychogeometry)=Indicator
  /PRINT=GOODFIT CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		23-APR-2021 17:24:38
Comments		
Input	Data	C:\Users\vitart0\OneDrive\Documents\!MyDocs\!Sience\SPSS\Hemingway\Hemingway's six-word story effect (en).sav
	Active Dataset	DataSet1
	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=Gender EQ 2 /METHOD=FSTEP(WALD) Forest_is_cut Caravan_goes Age Psychogeometry Children /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	00:00:00.01

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	66	64.1

	Missing Cases	0	.0
	Total	66	64.1
Unselected Cases		37	35.9
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	14	1.000	.000	.000	.000
	squiggle	13	.000	1.000	.000	.000
	triangle	16	.000	.000	1.000	.000
	square	17	.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	17	.0	0	9	.0
		pragmatic interpretation	0	49	100.0	0	28	100.0
	Overall Percentage				74.2			75.7

a. Constant is included in the model.

b. The cut value is .500

c. Selected cases Gender EQ 2

d. Unselected cases Gender NE 2

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.059	.281	14.144	1	.000	2.882

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Forest_is_cut	4.203	1	.040
		Caravan_goes	1.282	1	.258
		Age	.609	1	.435
		Psychogeometry	2.616	4	.624
		Psychogeometry(1)	1.223	1	.269
		Psychogeometry(2)	1.366	1	.242
		Psychogeometry(3)	.333	1	.564
		Psychogeometry(4)	.059	1	.807
		Children	.634	1	.426
	Overall Statistics		12.980	8	.113

Block 1: Method = Forward Stepwise (Wald)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	5.139	1	.023
	Block	5.139	1	.023
	Model	5.139	1	.023

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	70.168[a]	.075	.110

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

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	34	34.000	50
	2	1	1.000	15	15.000	16

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	17	.0	0	9	.0
		pragmatic interpretation	0	49	100.0	0	28	100.0
	Overall Percentage				74.2			75.7

a. The cut value is .500

b. Selected cases Gender EQ 2

c. Unselected cases Gender NE 2

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	1.954	1.076	3.296	1	.069	7.059	.856	58.203
	Constant	-1.201	1.198	1.005	1	.316	.301		

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

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Caravan_goes	3.189	1	.074
		Age	2.055	1	.152
		Psychogeometry	3.008	4	.557
		Psychogeometry(1)	1.097	1	.295
		Psychogeometry(2)	1.380	1	.240
		Psychogeometry(3)	.659	1	.417
		Psychogeometry(4)	.191	1	.662
		Children	1.681	1	.195
	Overall Statistics		10.817	7	.147