

Table 12.2c Log-linear Analysis of HOPELESS12 and E_BULLIED

Cell Counts and Residuals							
E_BULLIED	HOPELESS12	Observed		Expected		Residuals	Std. Residuals
		Count ^a	%	Count	%		
0 No	0 No	8,602.500	63.9	8,602.500	63.9	.000	.000
	1 Yes	2,987.500	22.2	2,987.500	22.2	.000	.000
1 Yes	0 No	786.500	5.8	786.500	5.8	.000	.000
	1 Yes	1,088.500	8.1	1,088.500	8.1	.000	.000

^aFor saturated models, .500 has been added to all observed cells.

Parameter Estimates ^{a,b}						
Parameter	Estimate	SE	Z	p	95% CI	
					Lower Bound	Upper Bound
Constant	6.993 ^c					
[E_BULLIED = .00]	1.010	0.035	28.518	.000	0.940	1.079
[E_BULLIED = 1.00]	0 ^d	.	.	.	.	.
[HOPELESS12 = .00]	-0.325	0.047	-6.944	.000	-0.417	-0.233
[HOPELESS12 = 1.00]	0 ^d	.	.	.	.	.
[E_BULLIED = .00]*[HOPELESS12 = .00]	1.383	0.051	26.903	.000	1.282	1.483
[E_BULLIED = .00]*[HOPELESS12 = 1.00]	0 ^d	.	.	.	.	.
[E_BULLIED = 1.00]*[HOPELESS12 = .00]	0 ^d	.	.	.	.	.
[E_BULLIED = 1.00]*[HOPELESS12 = 1.00]	0 ^d	.	.	.	.	.

^aModel: multinomial.

^bDesign: constant + E_BULLIED + HOPELESS12 + E_BULLIED*HOPELESS12.

^cConstants are not parameters under the multinomial assumption. Therefore, their standard errors are not calculated.

^dThis parameter is set to zero because it is redundant.