Table A5

Mixed Effects Binomial Logistic Regression Models Predicting the Effect of Graph Choice on the Likelihood of Providing an Alternative Cause Justification at Each Age

	β	*SE*	*z*	*OR*	95 % CI
7-year-olds					
Intercept	-4.20***	0.80	-5.23	0.01	[0.003, 0.072]
Graph Choice	0.55	0.55	0.99	1.73	[0.58, 5.13]
Number of Observations	203				
Number of Groups	53				
Log Likelihood	-30.4				
AIC	66.8				
10-year-olds					
Intercept	-1.74*	0.30	-5.73	0.03	[0.009, 0.079]
Graph Choice	0.91**	0.30	3.03	0.41	[0.14, 1.26]
Number of Observations	216				
Number of Groups	55				
Log Likelihood	-89.4				
AIC	184.8				
Adults					
Intercept	-1.07**	0.35	-2.98	0.34	[0.17, 0.69]

Graph Choice	-0.81+	0.39	-2.05	0.45	[0.21, 0.96]
Number of Observations	256				
Number of Groups	65				
Log Likelihood	-124.2				
AIC	254.4				

Note. Bonferroni adjusted p-value: *$p < .0167$, **$p < .003$, ***$p < .0003$. *Trend level p*-values between .0167 and .05 are indicated by +. *OR* = odds ratio; *CI* = confidence interval.