

Supplemental Material S6. Coefficient estimates and corresponding *p*-values from the Poisson generalized linear model (GLM) are shown. The outcome is the number of trials with the following explanatory variables: intensity level of the signal, the child response behavior, and the observer's confidence in the judgement. An asterisk indicates significance at the .05 level and three asterisks indicate a *p*-value of less than .001.

Term	Estimate	Standard Error	Statistic	<i>p</i> -value
(Intercept)	5.293	0.071	74.671	< .001 ***
Signal Level at or Above Threshold	-0.899	0.132	-6.82	< .001 ***
"Confident" Real-time Observer	-2.991	0.324	-9.228	< .001 ***
Full Play-based Response	-4.6	0.711	-6.473	< .001 ***
Signal Level Above Threshold × "Confident" Real-time Observer	1.235	0.435	2.843	.004 *
Signal Level Above Threshold × Full Play-based Response	2.508	0.786	3.192	.001 *
"Confident" Real-time Observer × Full Play-based Response	5.935	0.795	7.47	< .001 ***
Signal Level Above Threshold × "Confident" Real-time Observer × Full Play-based Response	-0.221	0.904	-0.244	.807