

Table 1. Summary of generalized linear mixed model analyses

	Likelihood			Parameter				Wald			Random effect	SD			
	Tortoise	AIC	d	Fixed effects	estimate	SE	95%CI	statistics	p						
Accuracy	Mike	395.8	-192.9	Intercept	1.348	0.406	0.553	2.143	3.322	0.0009	Session	1.8E-08			
				log[(L-S)/S]	3.681	1.409	0.920	6.442	2.613	0.0090					
				log(Larger number)	-0.957	0.557	-2.049	0.134	-1.719	0.0856					
				Interaction	-3.690	1.837	-7.290	-0.089	-2.008	0.0446					
	Rikutaro	374.3	-183.2	Intercept	1.693	0.523	0.668	2.718	3.237	0.0012	Session	0.119			
				log[(L-S)/S]	1.027	0.210	0.615	1.438	4.887	<0.001					
				log(Larger number)	-0.939	0.583	-2.081	0.203	-1.611	0.1072					
	Average	769.8	-378.9	Intercept	1.439	0.294	0.862	2.015	4.893	<0.001	Session:Participant	0.071			
				log[(L-S)/S]	2.587	1.011	0.605	4.568	2.559	0.0105	Participant	0.035			
				log(Larger number)	-0.952	0.402	-1.740	-0.165	-2.370	0.0178					
				Interaction	-2.076	1.321	-4.665	0.513	-1.571	0.1161					
Latency	Likelihood			Parameter							Random effect	SD			
	Tortoise	AIC	d	Fixed effects	estimate	SE	95%CI	df	t statistic	p					
	Mike	1203.1	-598.6	Intercept	1.993	0.033	1.929	2.057	125	61.080			<0.001	Session	0.309
	Rikutaro	1004	-499	Intercept	1.899	0.029	1.843	1.956	125	65.830			<0.001	Session	0.275
	Average	2214.3	-1103.2	Intercept	1.946	0.047	1.854	2.038	1	41.510			0.0153	Session:Participant	0.293
											Participant	0.059			

Note. L: larger number of the pair, S: smaller number