

425 **Table 1.** Mixed Effects Linear Regression of Velocity

Predictors	Fixed Effects					Random Effects	Chi-square test of significance	
	<i>B</i>	<i>SE</i>	<i>t</i>	<i>d</i>	95% CI	Variance	X^2	<i>p</i>
Counterclockwise Angular Velocity								
Intercept	3.31	0.10	34.00		3.12, 3.50			
Child Random	—	—	—			0.07	28.11	<0.001
TD effect	0.03	0.12	-0.22	-0.08	-0.26, 0.21		0.05	0.823
AM/PM	-0.14	0.07	-2.03	-0.31	-0.27, -0.01		4.20	0.041
σ^2 (Residual)						0.17		
Clockwise Angular Velocity								
Intercept	-3.33	0.10	-34.19		-3.52, -3.15			
Child Random						0.07	26.92	<0.001
TD effect	0.04	0.12	0.31	0.11	-0.20, 0.27		0.10	0.747
AM/PM	0.14	0.07	1.20	0.30	0.00, 0.28		4.06	0.044
σ^2 (Residual)						0.18		

Euclidean Velocity								
Intercept	33.21	1.27	26.15		30.74, 35.68			
Child Random						13.53	42.26	<0.001
TD effect	1.12	1.59	0.70	0.25	-1.98, 4.23		0.52	0.469
AM/PM	-0.31	0.81	-0.39	-0.06	-1.90, 1.28		0.15	0.699
σ^2 (Residual)						23.24		
<p><i>Note.</i> For all chi-square comparisons, degrees of freedom (<i>df</i>) equal 1. The TD effect expresses the difference from the ASD intercept. Angular velocities are presented in degrees per tenth of a second, and Euclidean velocities are presented in cm per second.</p>								

426

427