

Supplementary Tables

Supplementary Table 1																
<i>Prosaccade Task: Primary Saccade Mean and Standard Deviation Data by Group and Condition</i>																
	<i>CON (n = 16)</i>								<i>HC (n = 16)</i>							
	GAP		NO GAP		OVERLAP		OVERALL		GAP		NO GAP		OVERLAP		OVERALL	
	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
Latency (ms)	145.35	31.62	167.05	28.43	224.17	66.09	178.86	42.05	149.61	34.04	168.73	26.31	219.75	53.58	179.36	37.98
Accuracy <sup>a</sup>	0.96	0.08	0.97	0.08	0.98	0.08	0.97	0.08	0.97	0.08	0.98	0.08	0.99	0.08	0.98	0.08
Gain <sup>b</sup>	0.94	0.08	0.95	0.08	0.96	0.08	0.95	0.08	0.96	0.09	0.97	0.09	0.98	0.08	0.97	0.09
Duration (ms)	59.49	9.32	59.11	8.54	59.37	9.31	59.32	9.06	57.11	8.28	57.13	7.96	58.14	8.61	57.46	8.28
Peak Velocity (deg/sec)	365.53	59.43	361.79	52.65	358.15	55.35	361.82	55.81	378.62	60.84	372.13	58.24	376.48	58.90	375.74	59.33

<sup>a</sup>Accuracy represents the ratio of a) the distance (in pixels) between central fixation and the end location of the primary saccade to b) the pixel location of the target. <sup>b</sup>Gain represents saccade amplitude/target degrees.

Supplementary Table 2

*Anti-saccade Task: Primary Saccade Mean and Standard Deviation Data by Group and Condition*

	<i>CON (n = 16)</i>								<i>HC (n = 16)</i>							
	GAP		NO GAP		OVERLAP		OVERALL		GAP		NO GAP		OVERLAP		OVERALL	
	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
Latency (ms): correct trials	313.08	53.75	317.72	55.02	374.31	62.73	<i>335.04</i>	<i>57.17</i>	310.56	53.93	308.69	54.07	364.18	63.95	<i>327.81</i>	<i>57.32</i>
Latency (ms): error trials	151.63	39.19	177.94	39.80	188.90	69.94	<i>172.82</i>	<i>49.64</i>	172.27	40.35	202.78	47.05	217.21	62.07	<i>197.42</i>	<i>49.82</i>
Error Rate <sup>a</sup>	0.25	0.16	0.25	0.16	0.16	0.10	<i>0.22</i>	<i>0.14</i>	0.14	0.10	0.16	0.10	0.10	0.07	<i>0.13</i>	<i>0.09</i>

<sup>a</sup>Error trials/total trials