

Supporting information for Imamizu *et al.* (2003) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.0835746100.

Table 2. Average velocity and acceleration of cursor, mouse/hand, and target during test period and error-equalized baseline period

	Cursor		Mouse/hand		Target	
	Velocity, °/sec	Acceleration, °/sec <sup>2</sup>	Velocity, cm/sec	Acceleration, cm/sec <sup>2</sup>	Velocity, °/sec	Acceleration, °/sec <sup>2</sup>
<b>Rotated mouse</b>						
Test	6.5	431.2	1.8	210.5	5.4	190.6
Baseline	9.8	758.4	2.7	431.0	9.6	541.4
<i>F</i> (1,6) *	63.7	79.3	63.7	79.3	36.1	22.4
<i>P</i> < *	0.0002	0.0001	0.0002	0.0001	0.001	0.003
<b>Velocity mouse</b>						
Test	6.1	252.8	2.3	153.3	5.3	189.6
Baseline	11.7	1014.9	3.2	283.5	13.1	931.7
<i>F</i> (1,6) *	150.7	170.9	113.6	79.8	85.9	56.3
<i>P</i> < *	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

\* *F* and *P* values indicate significance of difference in average velocity and acceleration between test and baseline periods according to a repeated-measures ANOVA.