

Supplementary Table 3- Head-Restrained Summary Data

Experiment	$\Delta$ Gaze Amp (Adapt-Pre)	$\Delta$ Gaze Amp (Probe-Pre)	$\Delta$ Gaze Amp (PostProbe-Pre)	Rate	R <sup>2</sup>	
Backward Adaptation	HR-P1	-16.6 $\pm$ 1.8	-15.9 $\pm$ 2.4	-15.7 $\pm$ 2.0	322.6	0.99
	HR-P4	-12.6 $\pm$ 1.5	-12.3 $\pm$ 2.2	-12.0 $\pm$ 1.7	161.3	0.99
	HR-Q2	-16.4 $\pm$ 2.0	-17.4 $\pm$ 2.2	-15.5 $\pm$ 3.1	217.4	0.99
	HR-Q4	-17.7 $\pm$ 2.4	-16.6 $\pm$ 2.0	-15.1 $\pm$ 1.8	133.3	0.99
	<i>Mean (<math>\pm</math>SD)</i>	-15.8 $\pm$ 2.2	-15.6 $\pm$ 2.3	-14.6 $\pm$ 1.7	208.7 $\pm$ 83.6	0.99
Forward Adaptation	HR-P2	6.3 $\pm$ 1.4	5.9 $\pm$ 1.7	5.8 $\pm$ 1.8	833.3	0.99
	HR-P3	7.2 $\pm$ 1.4	6.6 $\pm$ 1.2	5.6 $\pm$ 1.2	370.4	0.99
	HR-Q1	8.9 $\pm$ 2.5	8.6 $\pm$ 1.3	8.5 $\pm$ 1.6	344.8	0.99
	HR-Q3	7.1 $\pm$ 1.8	5.8 $\pm$ 3.1	5.8 $\pm$ 1.6	140.8	0.99
	<i>Mean (<math>\pm</math>SD)</i>	7.3 $\pm$ 1.1	6.7 $\pm$ 1.3	6.4 $\pm$ 1.4	422.3 $\pm$ 292.6	0.99