

Figure S1. Raw data traces for a subset of tall (blue) and short (green) motion-defined bar trials. The open-loop stimulus oscillated at 1 Hz and moved 22.5° in each direction from its starting position at $\pm 45^\circ$ from visual midline (angular speed = 90°s^{-1}). Tall bar and short bar height were 120 and 30°, respectively, and width was kept constant at 30°. For each fly, we show the average response for an object for 12 trials on the fly's right (thick line), in addition to a subset of raw traces (thin lines).

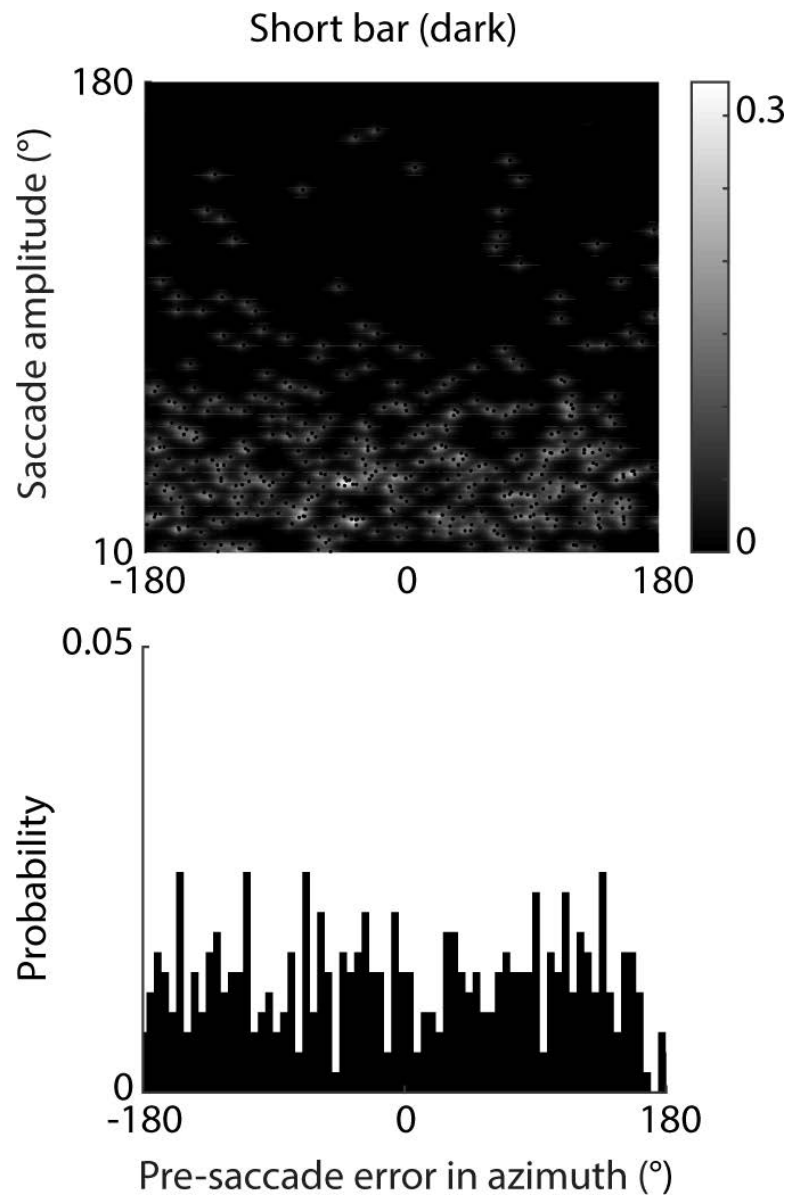


Figure S2. Top: Colormap of pre-saccade error in azimuth vs. saccade amplitude for a short, dark bar. 0° is the fly's visual midline. Bottom: Probability histogram of pre-saccade error angles. $n = 5$ animals, 80 trials total.