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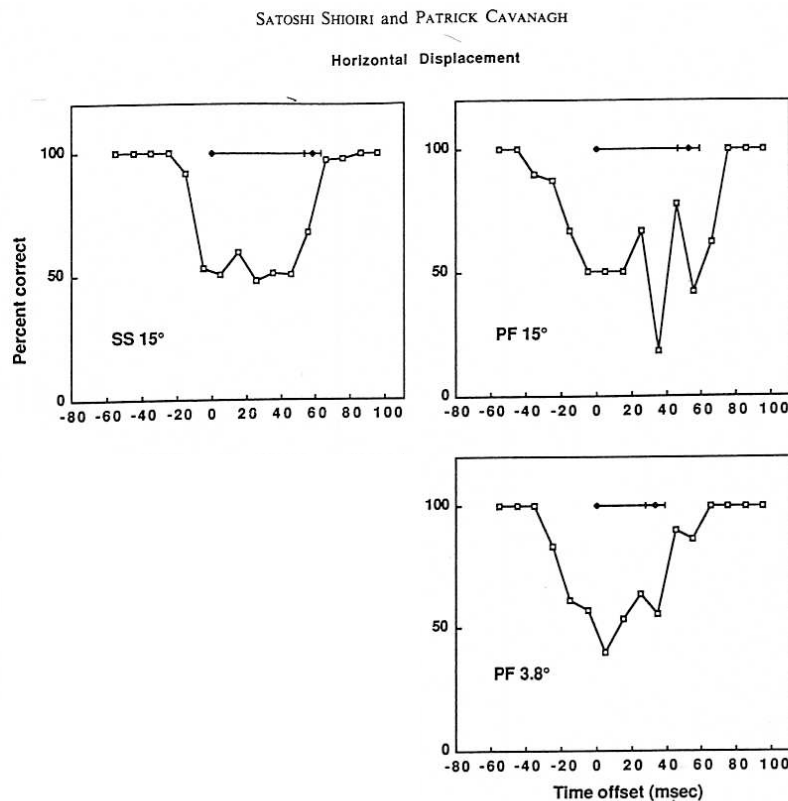
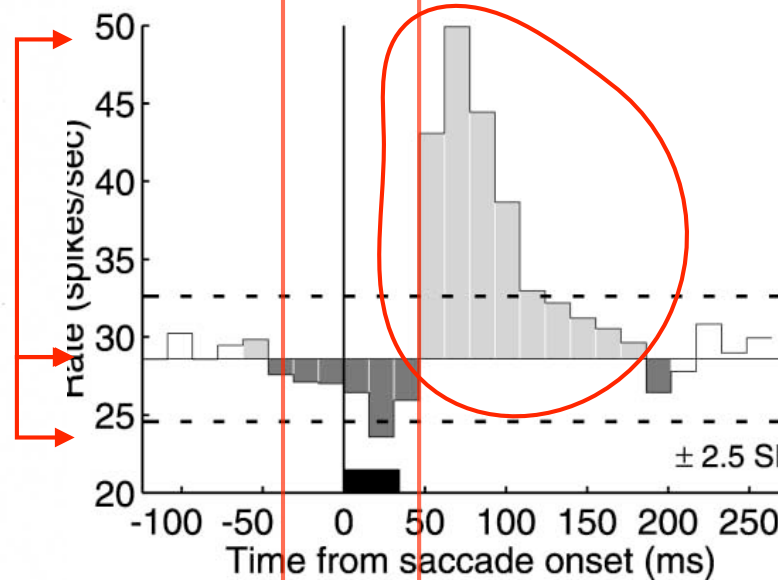
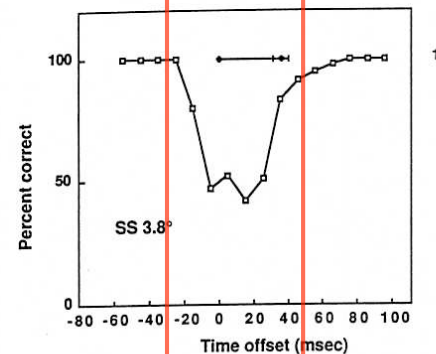


Fig. 1. Percent correct direction discrimination as a function of the time offset between the displacement and the beginning of a saccade for horizontal displacement conditions. Both displacement directions (right and left) are pooled together. Left panels, observer SS. Right panels, observer PF. Top: for 15 deg horizontal saccades. Bottom: for 3.8 deg horizontal saccades. Each point was derived from 30 trials on average for SS and 10 trials for PF; the minimum number of trials of a point was 10 for SS and 5 for PF. The length of the horizontal solid line with filled diamonds shows the average saccade duration for each condition. The standard deviation of the saccade duration is shown at the righthand end of the line by an error bar.



LGN Spike Rate Is Modulated around the Time of

Fixational Eye
Movements