

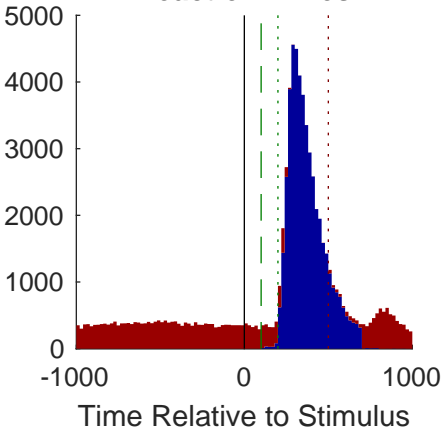
OKernel

Visual Stimulus Step

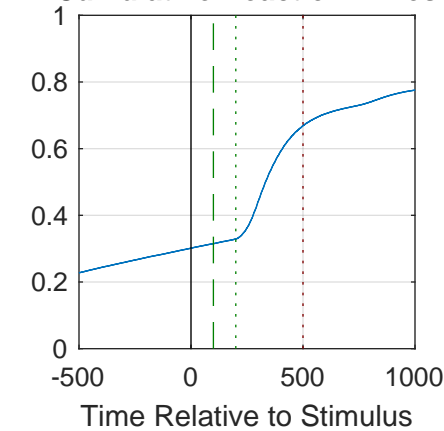
Hit times ≥ 200 and < 500 ms
Miss times ≥ 750 ms
222 sessions from 13 animals
0 trial minimum for hits/misses
Opto hits $\geq 0\%$ below unstim hits

Hit rate no stim 0.583 (SE 0.002)
stim 0.492 (SE 0.003)
FA rate no stim 0.219 (SE 0.002)
stim 0.261 (SE 0.002)
Kernel peak at 17.3 sigma

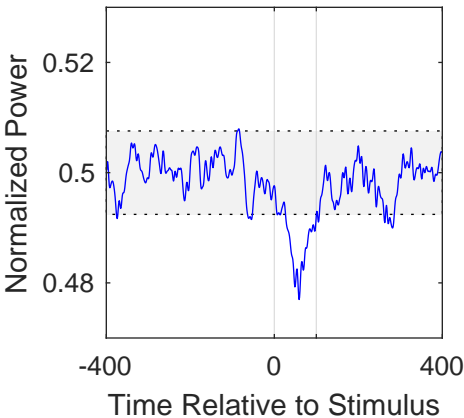
Reaction Times



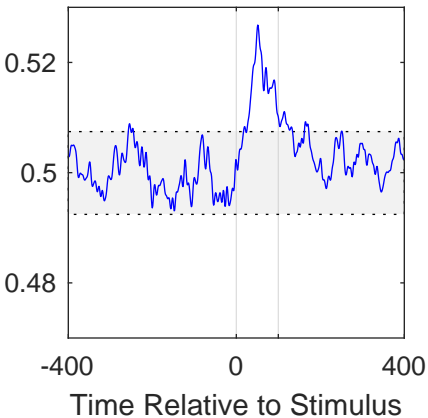
Cumulative Reaction Times



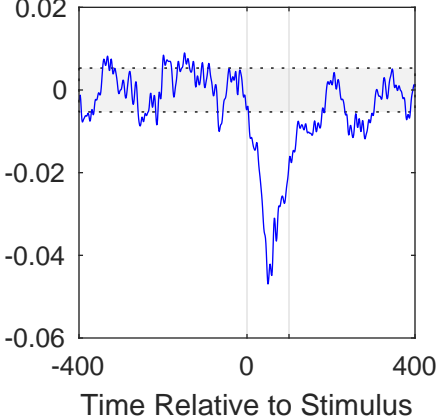
Hit Kernel (n=16762)



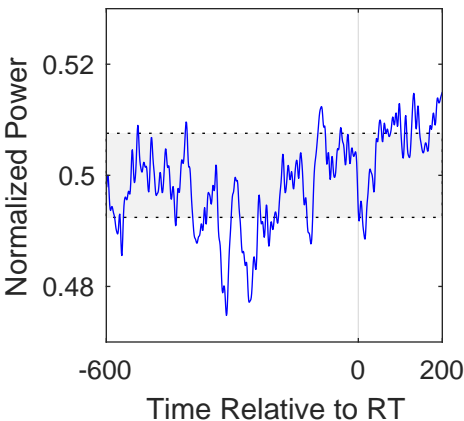
Miss Kernel (n=17304)



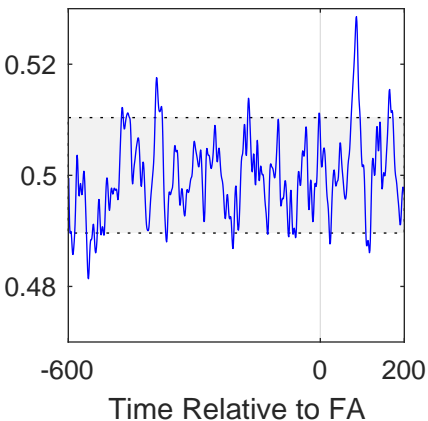
Weight by Trial (n=34066)



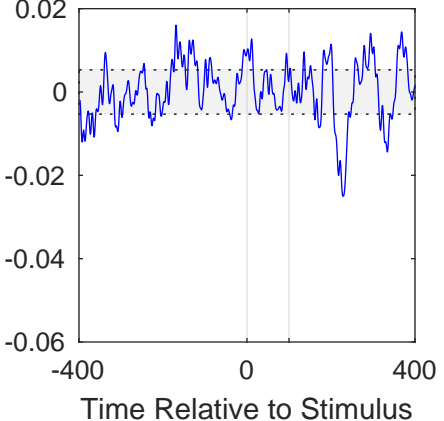
RT Aligned (n=16762)



FA aligned (n=8897)



Random Kernel (n=34066)



Stim-RT Aligned (n=16762)

