

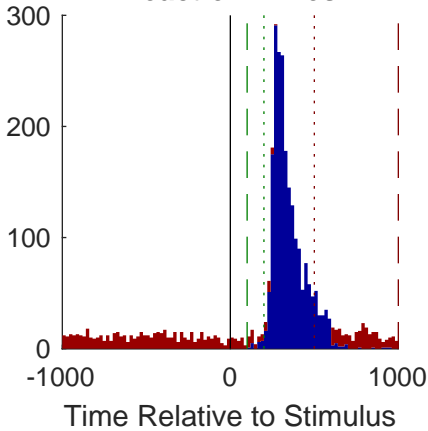
OKernel

Visual Stimulus Step

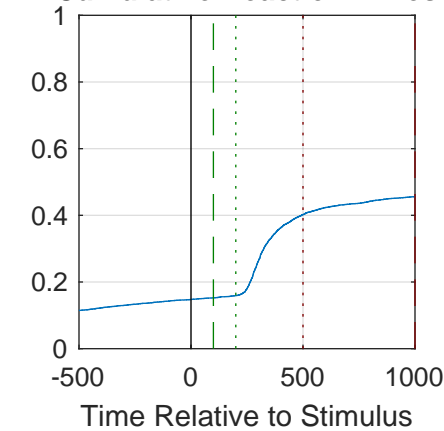
Hit times ≥ 200 and < 500 ms
Miss times ≥ 750 ms
20 sessions from Animal 905
0 trial minimum for hits/misses
Opto hits $\geq 0\%$ below unstim hits

Hit rate no stim 0.335 (SE 0.007)
stim 0.215 (SE 0.009)
FA rate no stim 0.077 (SE 0.004)
stim 0.098 (SE 0.006)
Kernel peak at 4.8 sigma

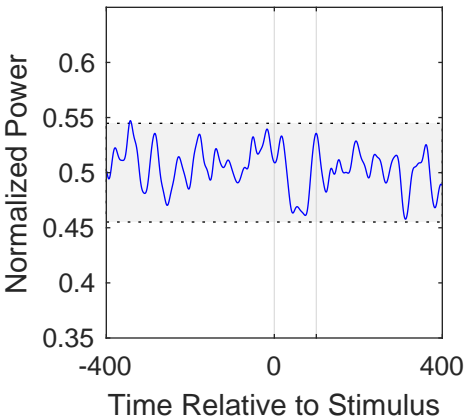
Reaction Times



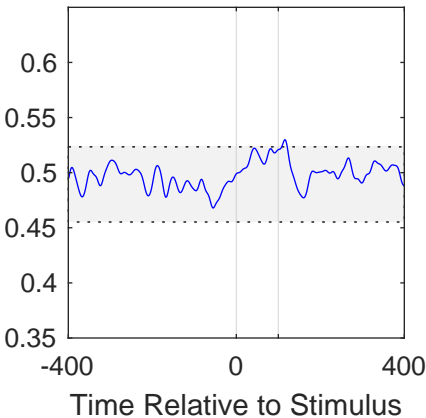
Cumulative Reaction Times



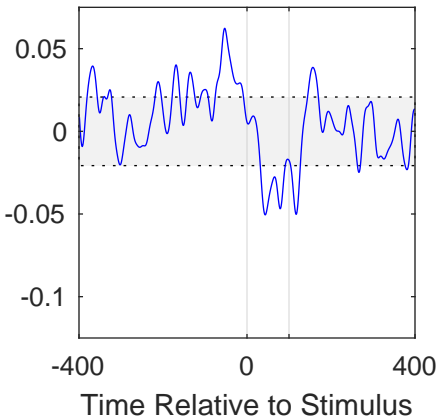
Hit Kernel (n=479)



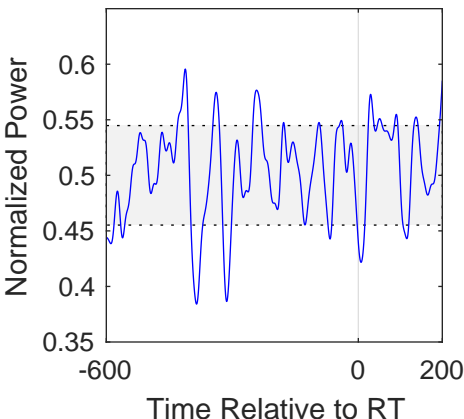
Miss Kernel (n=1753)



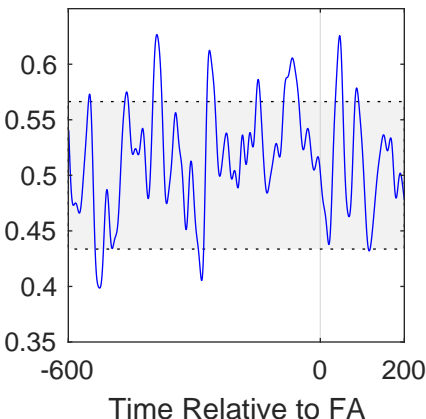
Weight by Trial (n=2232)



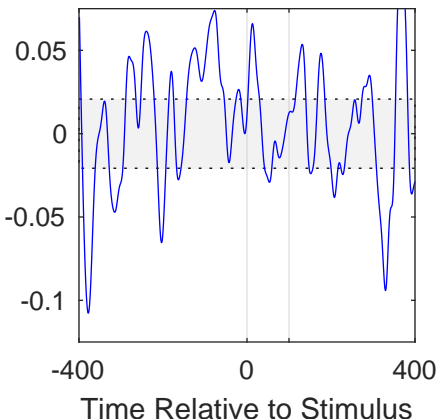
RT Aligned (n=479)



FA aligned (n=218)



Random Kernel (n=2232)



Stim-RT Aligned (n=479)

