

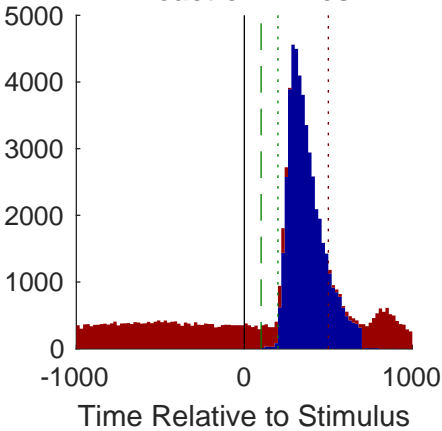
# OKernel

## Visual Stimulus Step

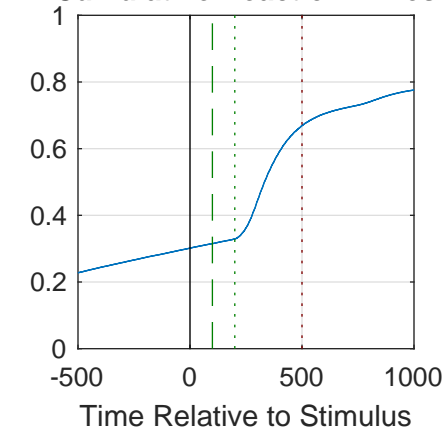
Hit times  $\geq 200$  and  $< 500$  ms  
Miss times  $\geq 750$  ms  
219 sessions from 13 animals  
0 trial minimum for hits/misses  
Opto hits  $\geq 0\%$  below unstim hits

Hit rate no stim 0.583 (SE 0.002)  
stim 0.492 (SE 0.003)  
FA rate no stim 0.360 (SE 0.002)  
stim 0.514 (SE 0.003)  
Kernel peak at 17.0 sigma

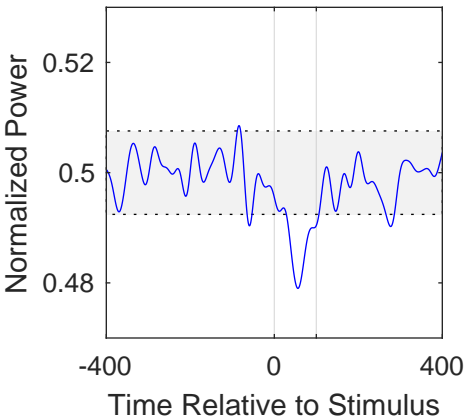
Reaction Times



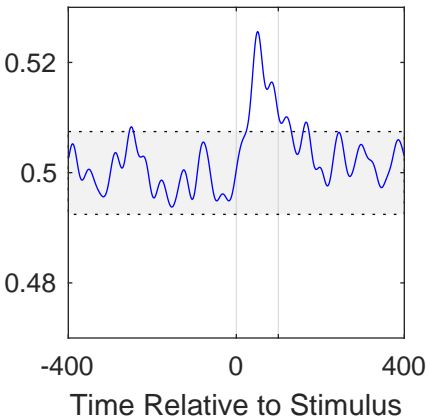
Cumulative Reaction Times



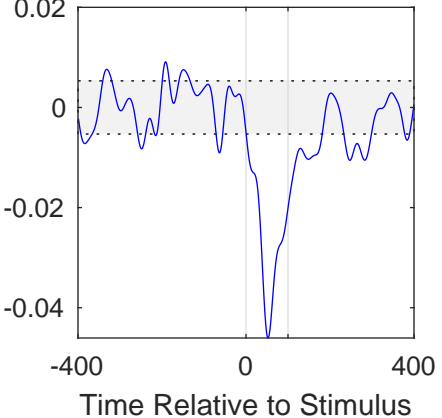
Hit Kernel (n=16759)



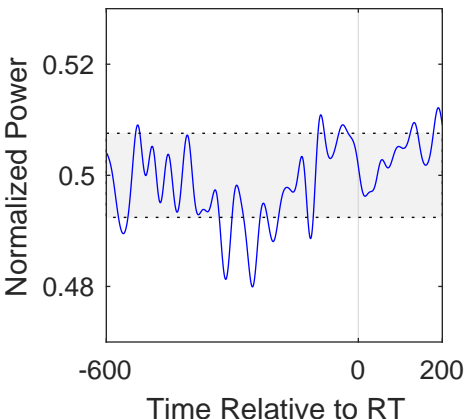
Miss Kernel (n=17277)



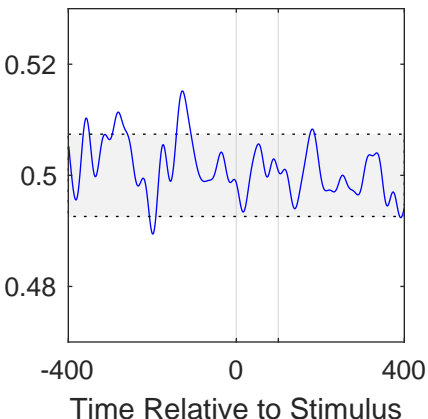
Weight by Trial (n=34036)



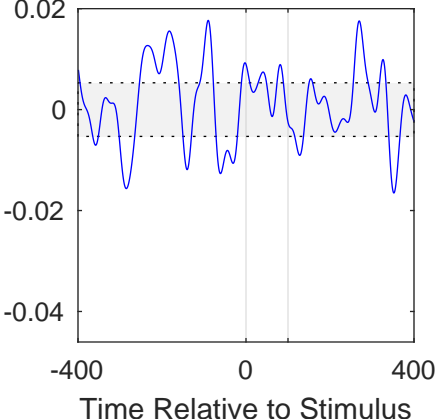
RT Aligned (n=16759)



FA aligned (n=17506)



Random Kernel (n=34036)



Stim-RT Aligned (n=16759)

