

# OKernel

## Visual Stimulus Step

Hit times  $\geq 200$  and  $< 500$  ms

Miss times  $\geq 750$  ms

20 sessions from Animal 905

10000 bootstraps for CIs

Opto hits  $\geq 0\%$  below unstim hits

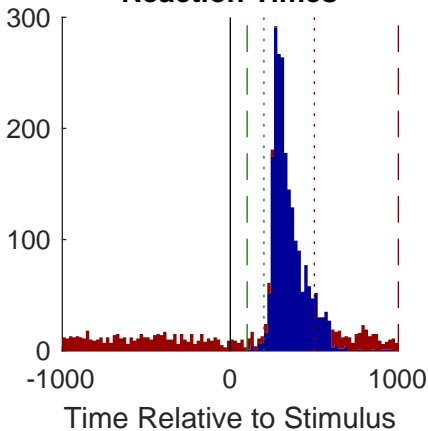
Hit rate no stim 0.335 (SE 0.007)

stim 0.215 (SE 0.009)

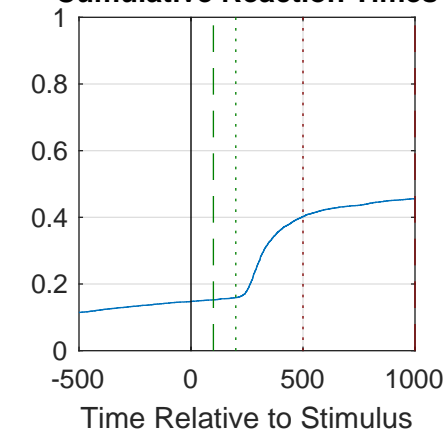
FA rate no stim 0.077 (SE 0.004)

stim 0.098 (SE 0.006)

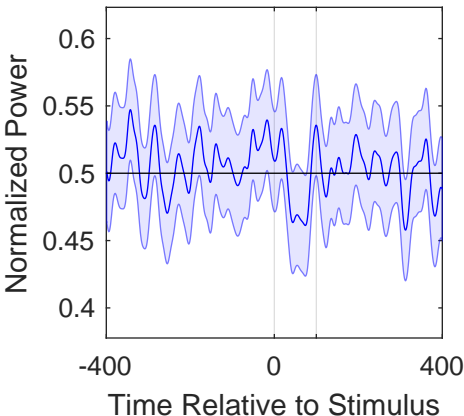
## Reaction Times



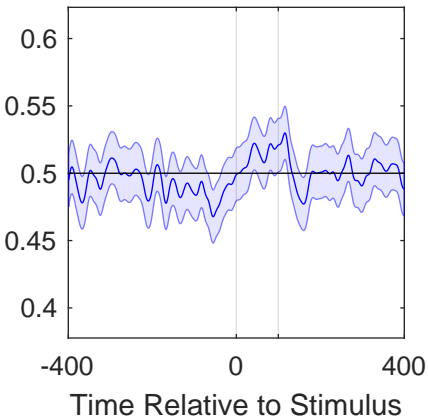
## Cumulative Reaction Times



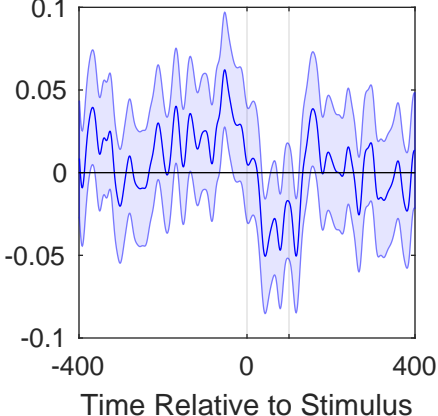
## Hit Kernel (n=479)



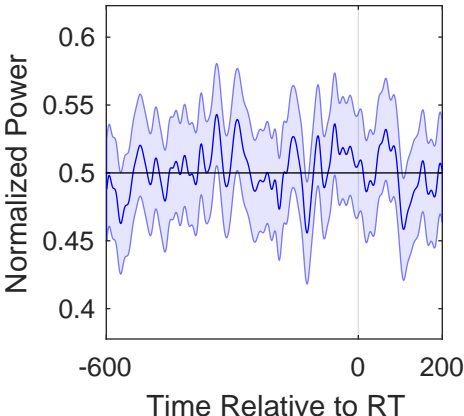
## Miss Kernel (n=1753)



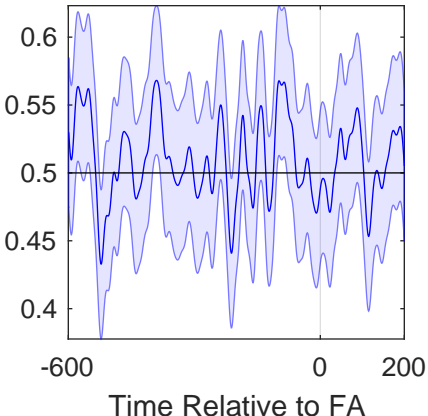
## Weight by Trial (n=2232)



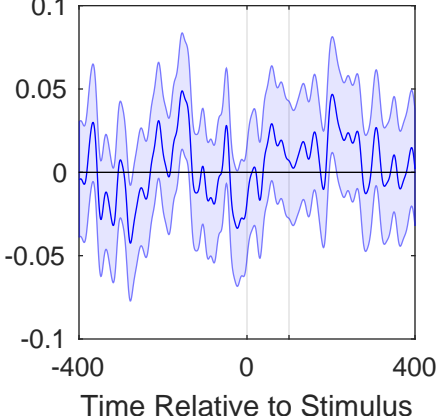
## RT Aligned (n=479)



## FA Aligned (n=218)



## Random Kernel (n=2232)



## Stim-RT Aligned (n=479)

