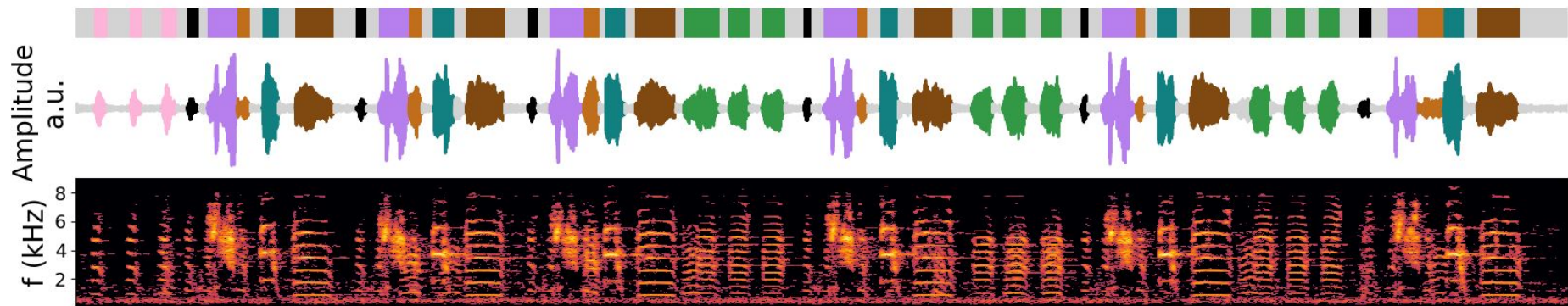
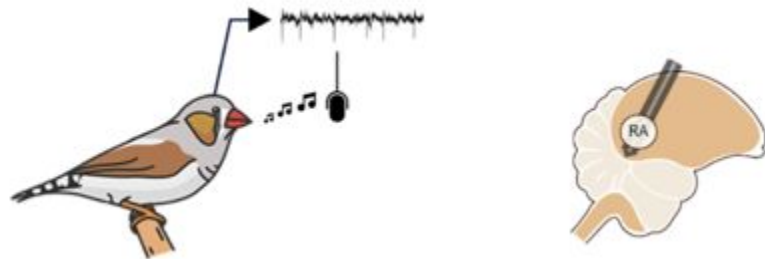
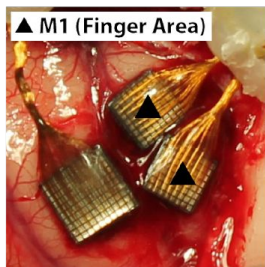


# Zebra finch dataset



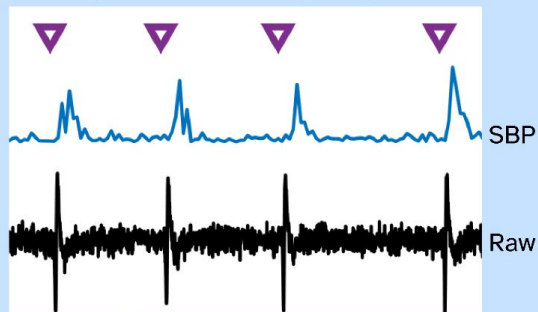
# Monkey finger moving dataset

## Implant:

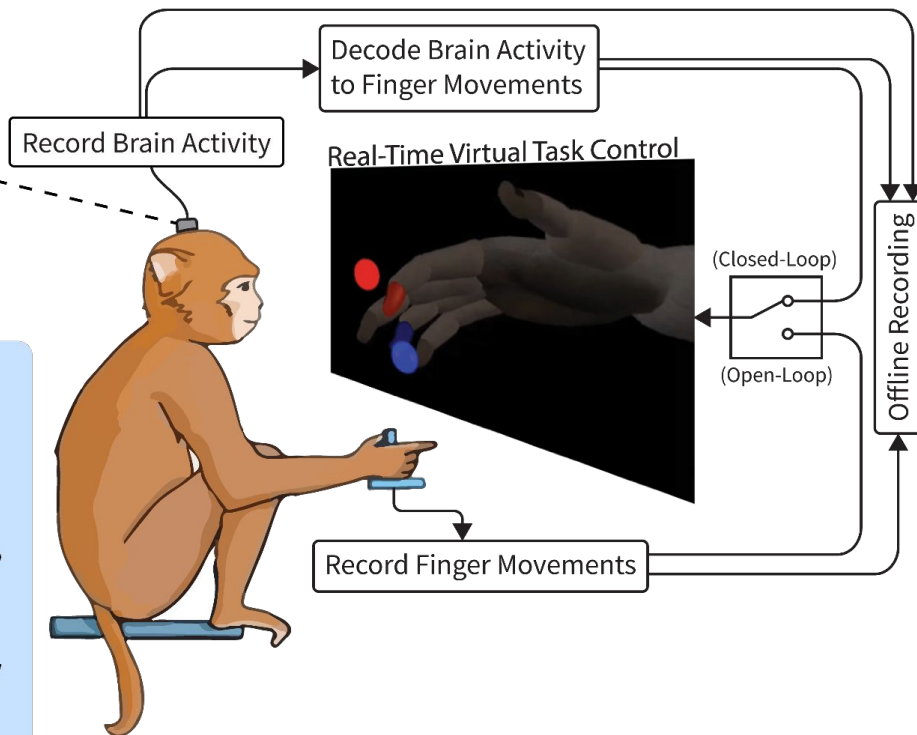


## Feature:

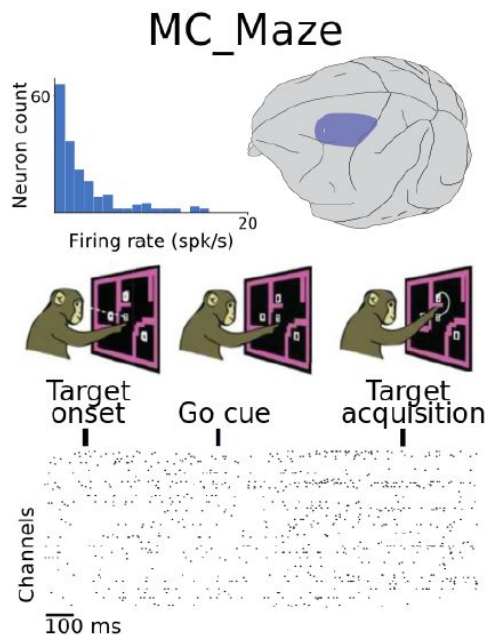
Spiking-Band Power (SBP)



## Experimental Task:

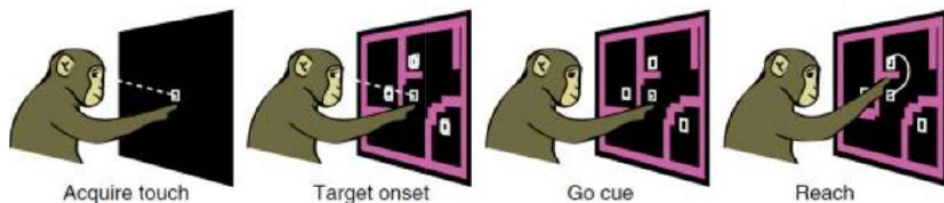


# Neural latent benchmarks dataset - MC\_Maze



Paper: *Cortical preparatory activity: representation of movement or first cog in a dynamical machine?*

## Experimental Task Structure

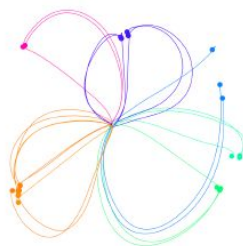


Subject reached repeatedly within a maze (each maze configuration specified by the target location x barrier location)

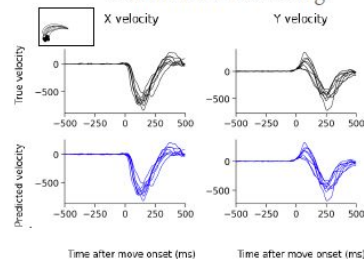
- Rich set of “straight” and “curved” reaching, all start at the center (0, 0)

## Neural Decoding Problem

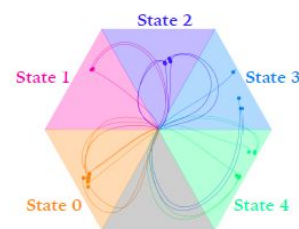
### Reaching Trajectories



### Continuous Decoding



### Discrete Decoding



# Willet speech dataset

