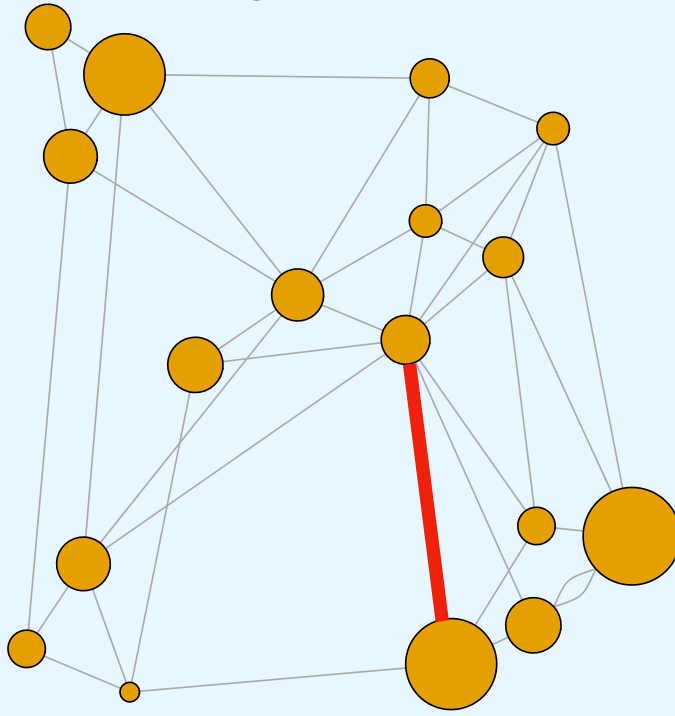




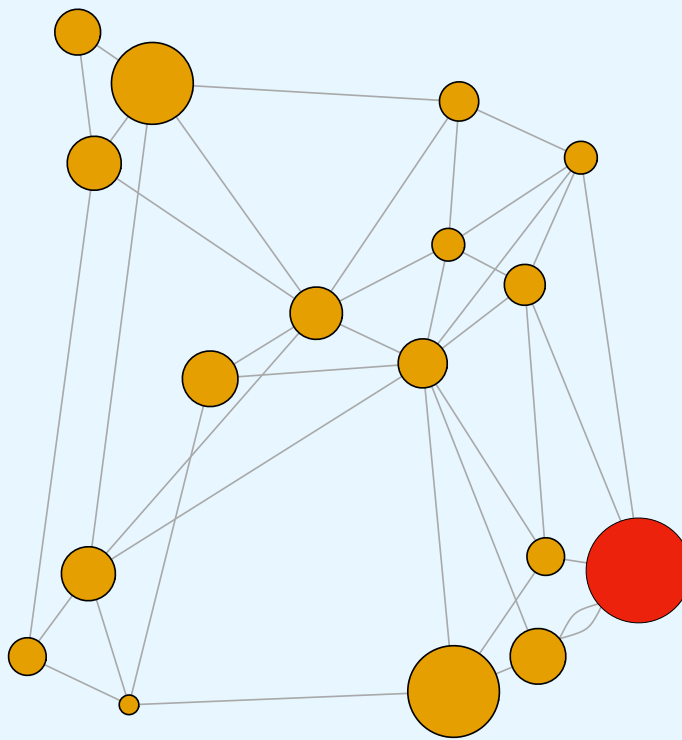
**Methods**

# Random Network Models

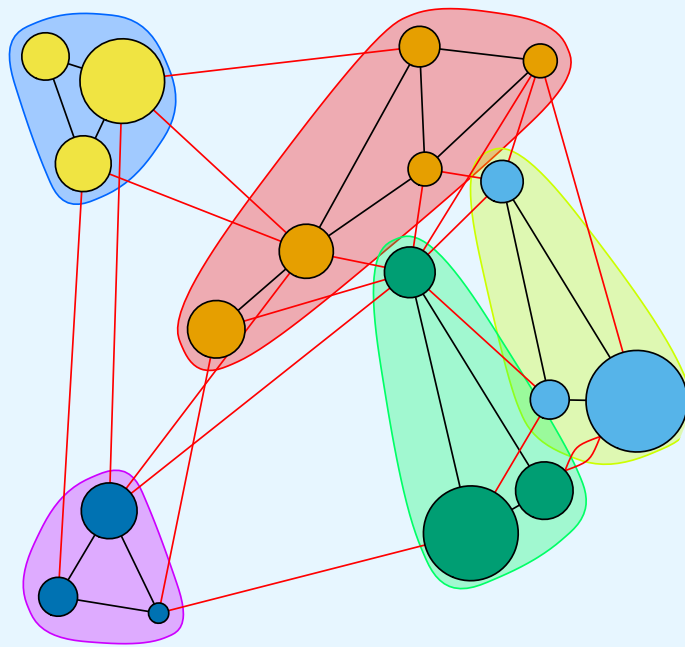
Edge Model



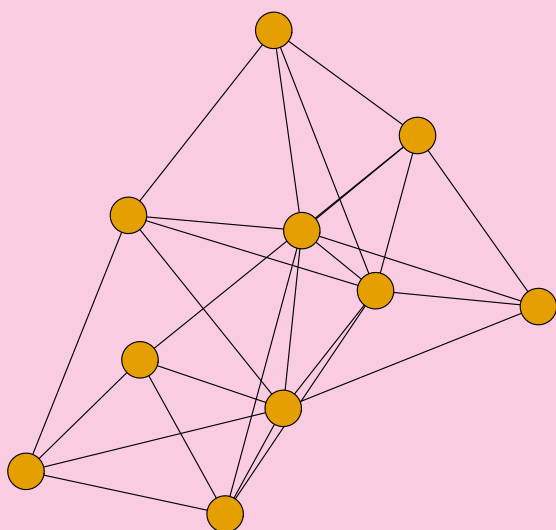
Vertex Model



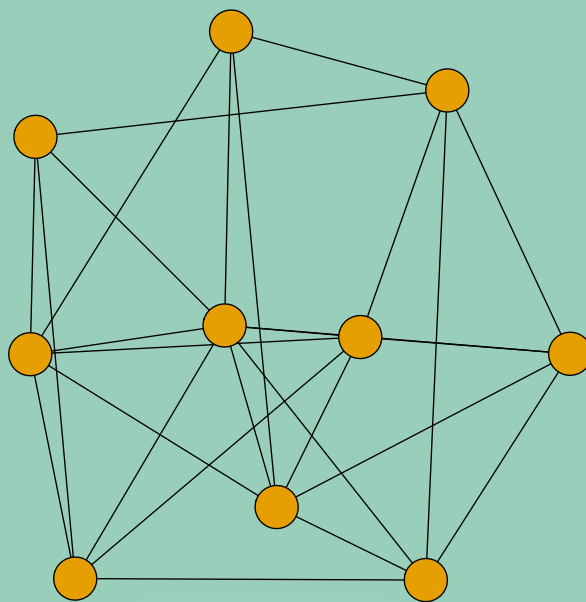
Community Model



# Connectomes + Categorical Labels



Group A

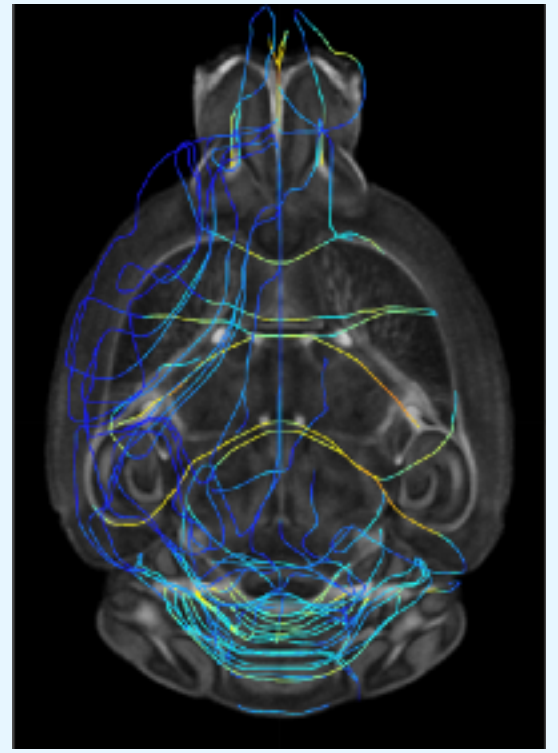
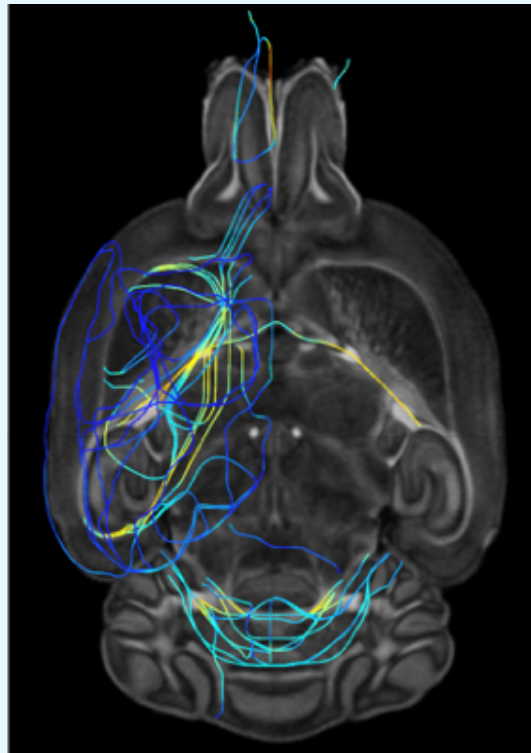


Group B

# Multiscale Comparisons

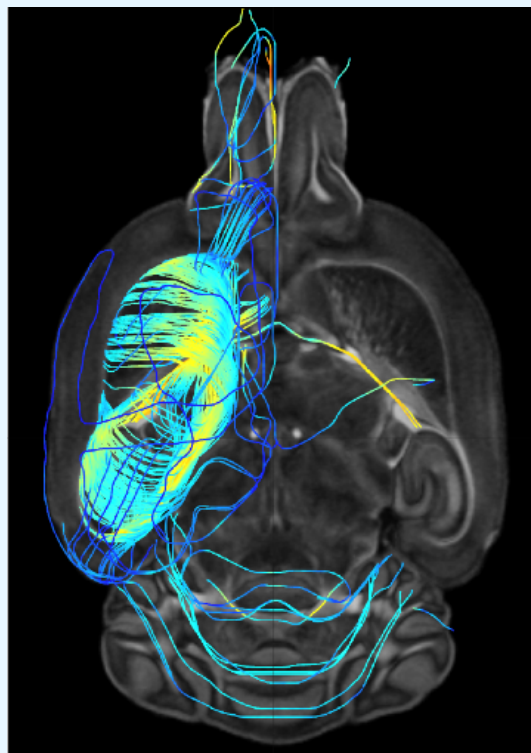
## Heterogeneous Connections

statistical test



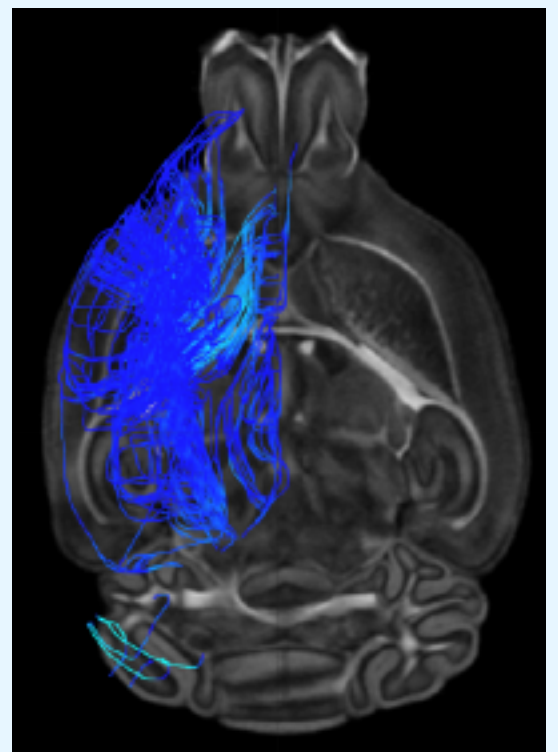
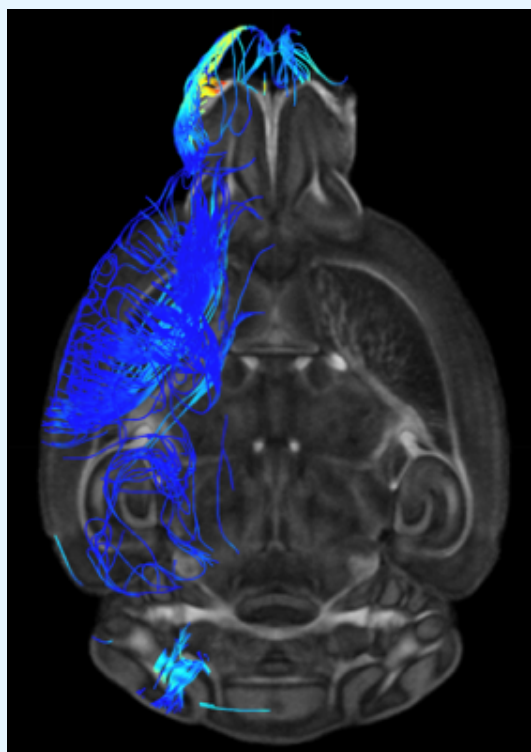
## Heterogeneous Brain Regions

statistical test



## Heterogeneous Communities

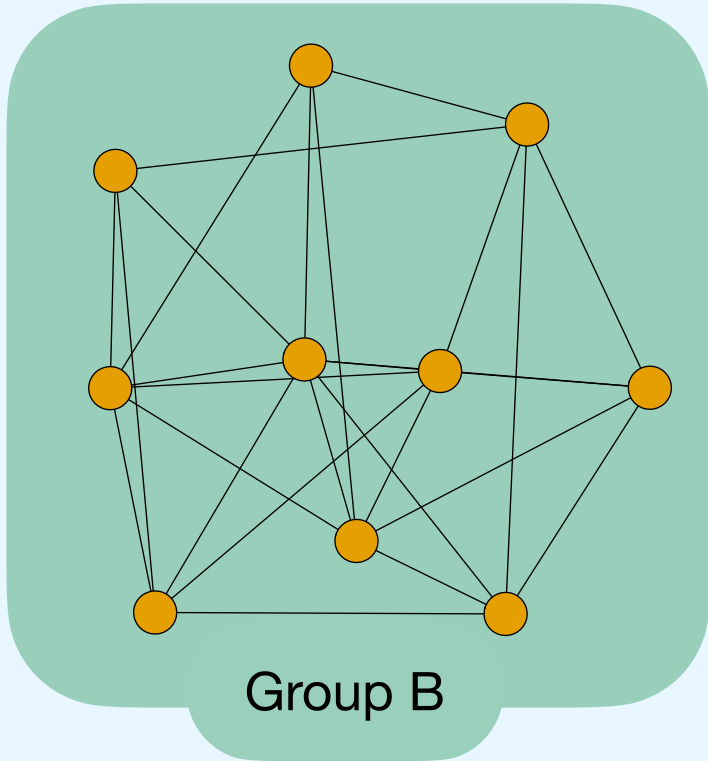
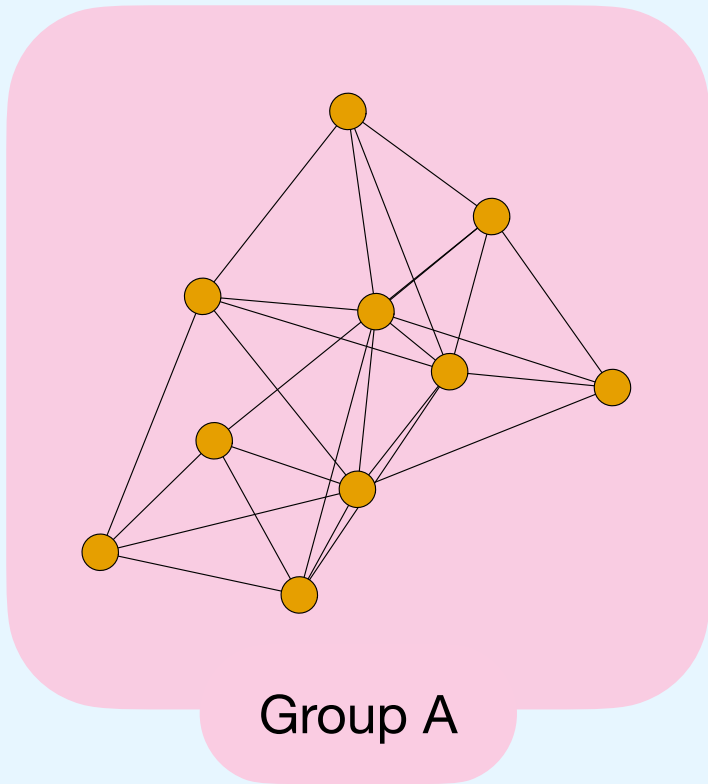
statistical test



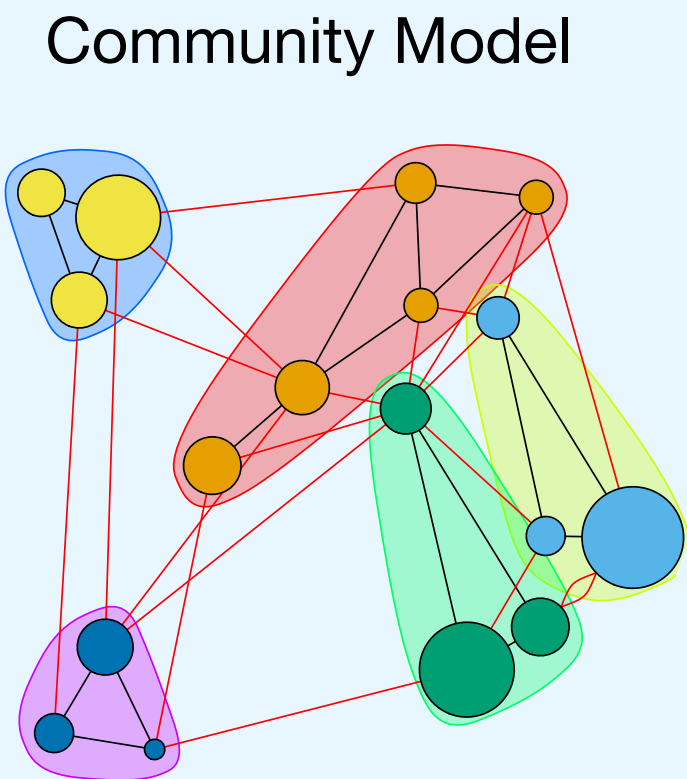
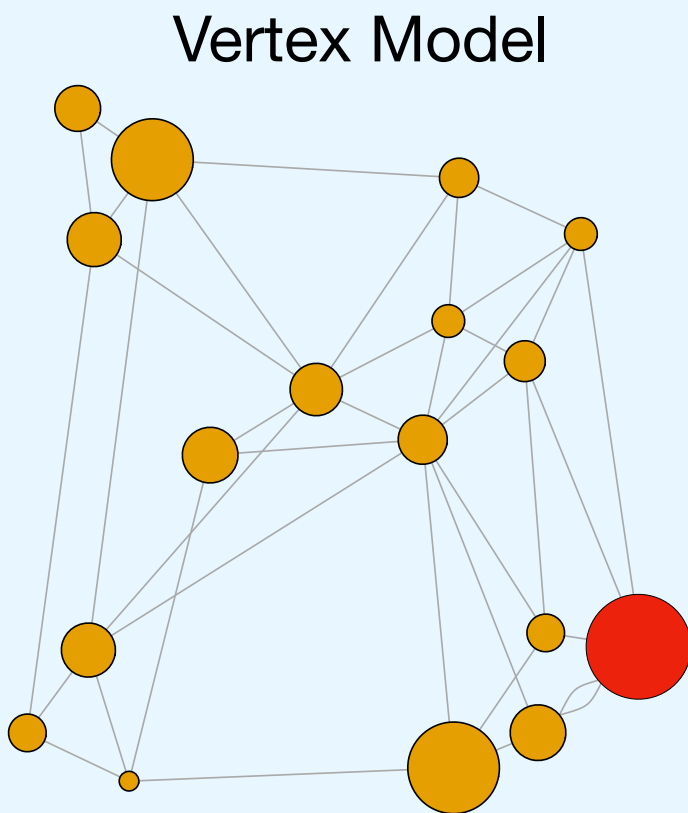
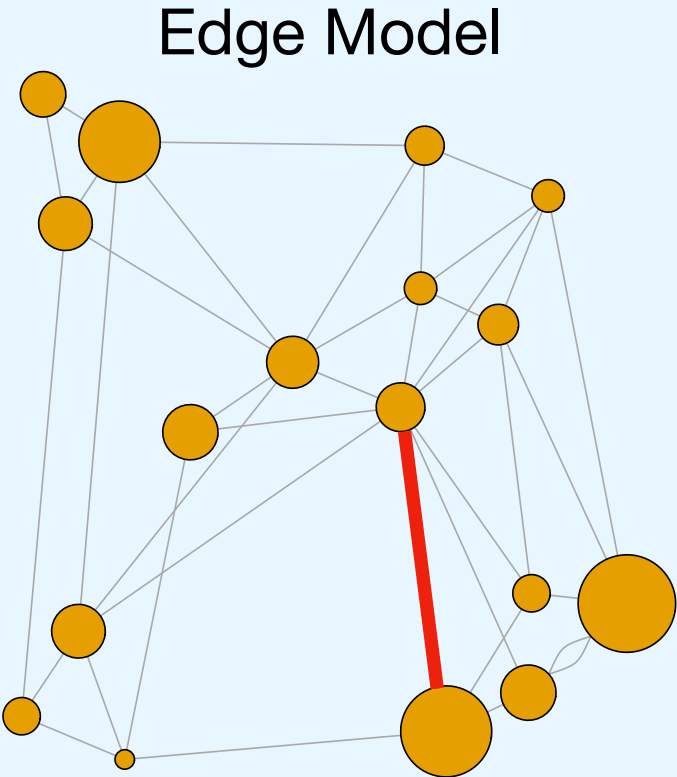


# Methods

## Connectomes + Categorical Labels



## Random Network Models



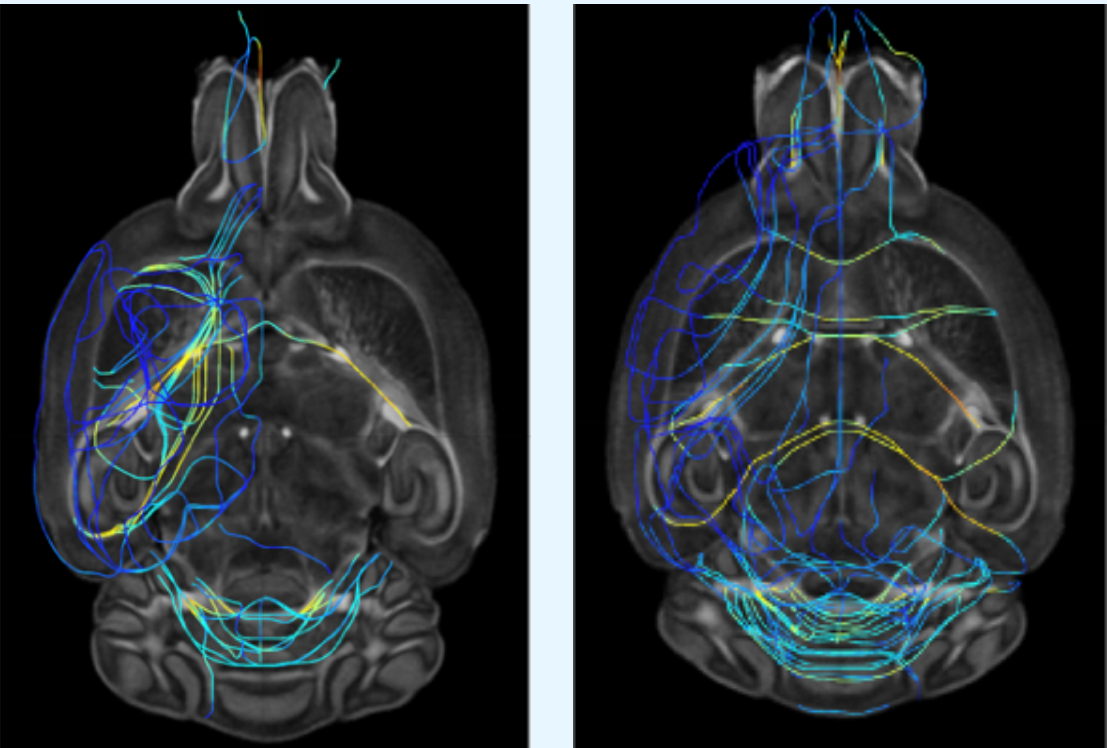
statistical test

statistical test

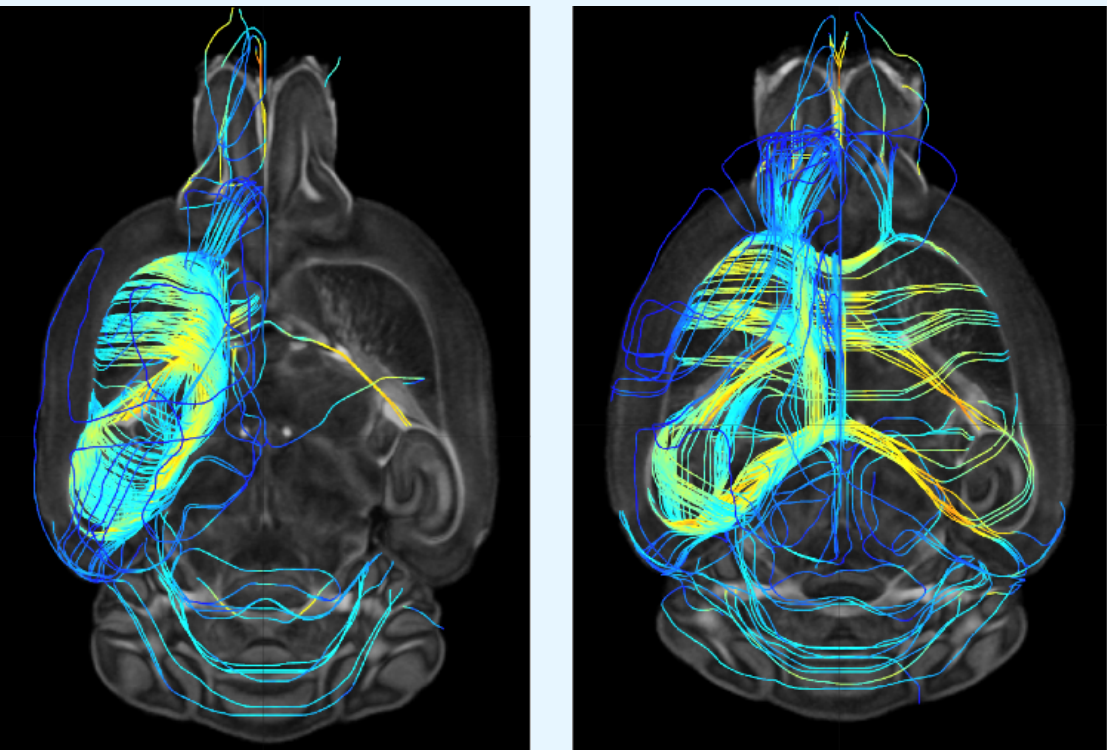
statistical test

## Multiscale Comparisons

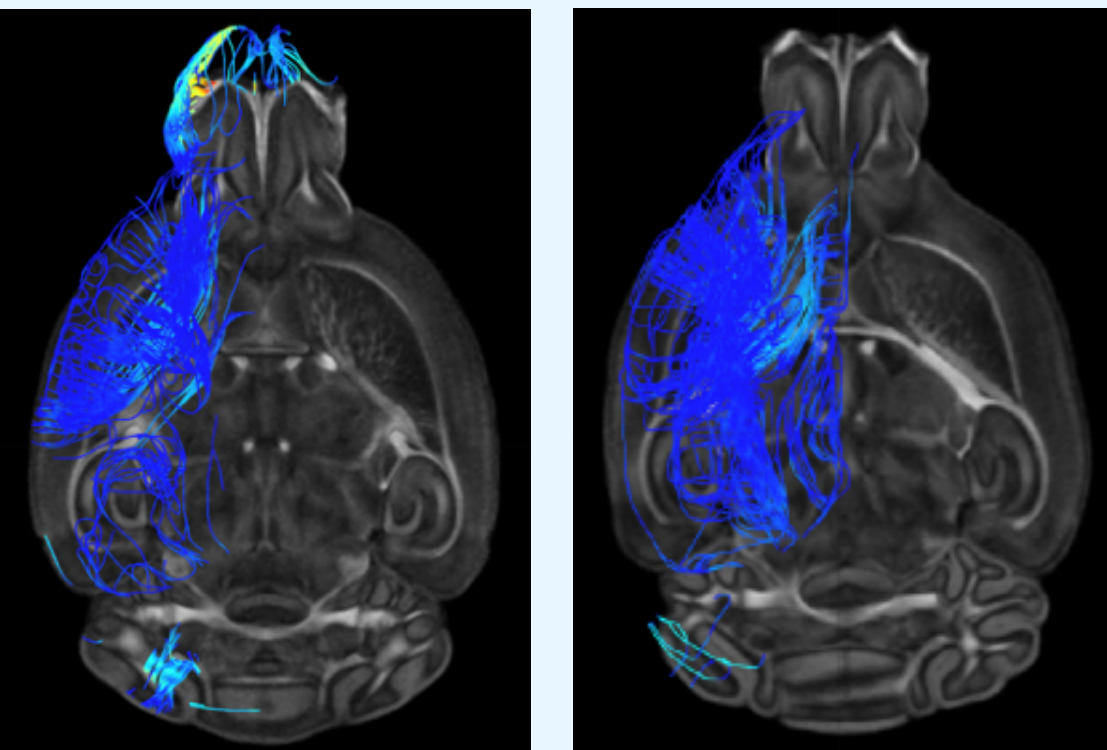
### Heterogeneous Connections



### Heterogeneous Brain Regions



### Heterogeneous Communities





# Mouse Connectomes

BTBR is a model of autism

