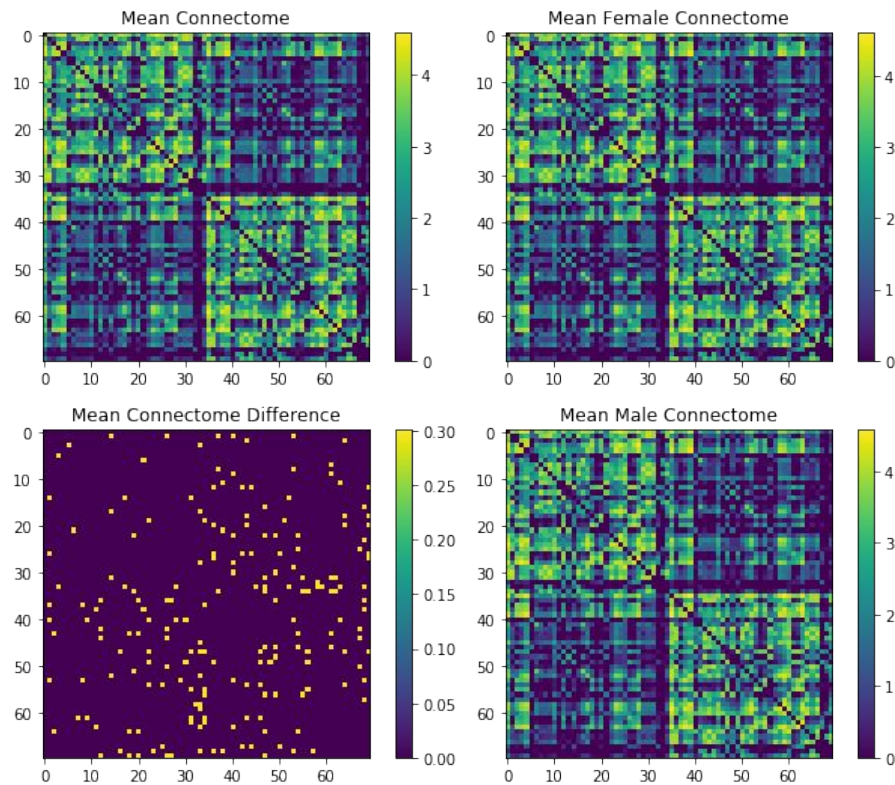# Darius Irani, Ronan Perry, Hamilton Sawczuk

# Feature Analysis

- Covariates
  - Degree centrality of nodes
  - Shortest path between nodes
  - Average node clustering
  - Closeness of centrality
  - Eigenvector centrality
- Greater number of connections in female vs male brain
  - Number of connections
  - Density
  - Centrality - measure of important nodes in graph
- Accuracy
  - 0.62

# Tensorflow Classifier

- Tensorflow
  - Same base code as used in my synclassification project
  - Slight modifications to use connectome data instead
  - No need to identify important covariates or characteristics
  - Very simple transition to this new data set, with good results
- Accuracy
  - 0.69