- 1 Autism
 - a. Preprocess Data

- Connectome: extracted using sparse inverse covarience on parcellated regions

Autistic Brains | Normal Brains

b. Model

- Support Vector Machine

Connectome Math:

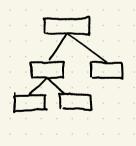
K = percision
matrix
min (tr(sk) - loodet(k)

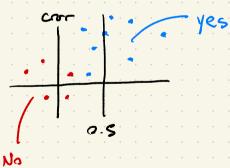
* all Kll1)

sample covarience

Hyperparam

- Xg Boost (bradient Boosted Decision Tree)





There Exists Math Her but it looks like:

$$J(\phi) = \sum_{i} |l(\hat{y}_{i}, y_{i})| + \sum_{k} Sl(f_{k})$$
 where $SL(f) = \gamma T + \frac{1}{2} \lambda |lw||^{2}$

so too long may write later