

jovo

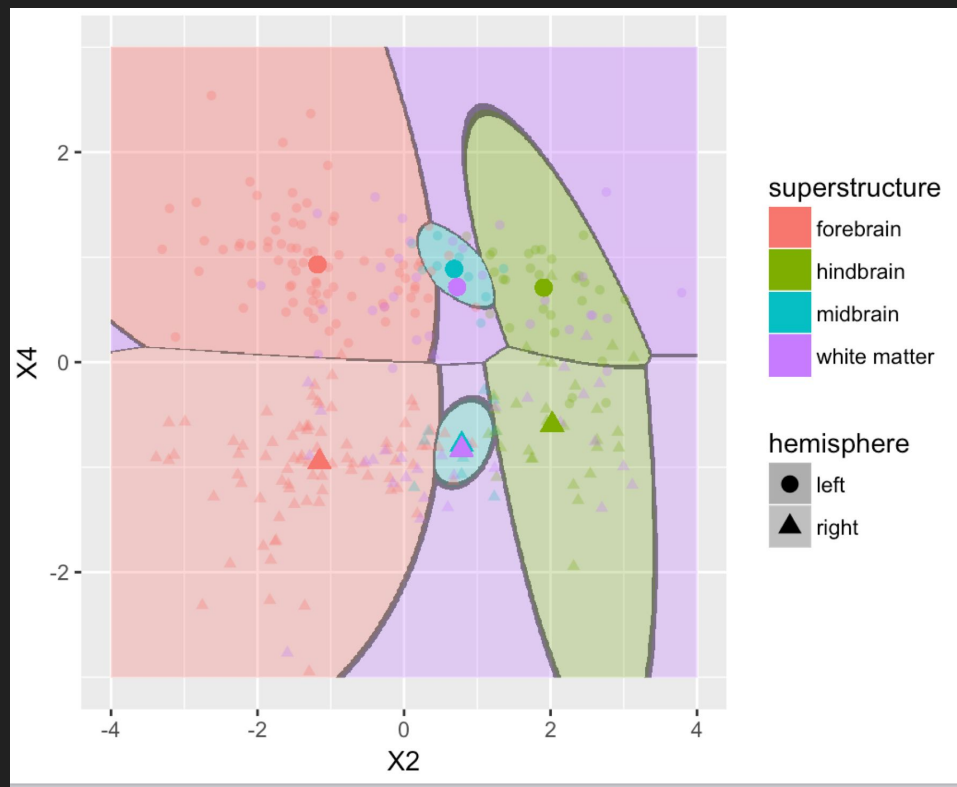
263 AB

# This Week Commitments

- Update LLG intro & cover letter on the basis of feedback from alex
- Incorporate SBM graph stats into ndmg paper

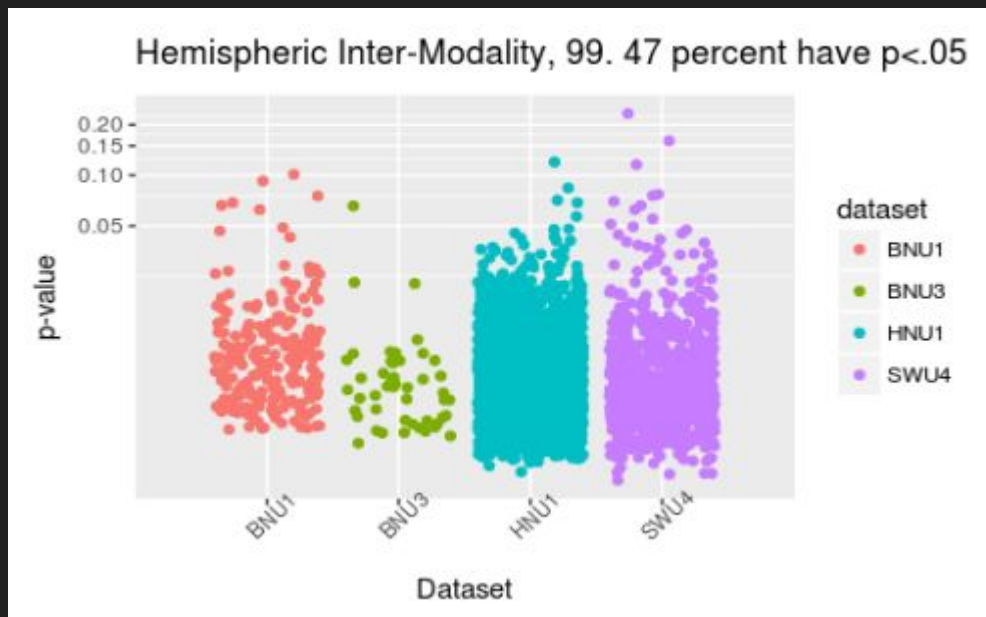
# Eigen-connectomes correspond to superstructures in mouse brain

- Compute eigen-functions of mouse brain
- Project each region into top 2nd & 4th dimensions
- Fit Gaussian to each region
- Plot “voronoi” diagram showing MAP region in X2 & X4
- Overlay individual regions and means



# DTI connectomes are Block-Diagonally Dominant than fMRI Connectomes

- Estimate within and across hemisphere connection probabilities for each brain scan from each site
- For each modality, let  $t_m$  = difference between within and between
- For each subject, compute  $t_d - t_f$
- Compute probability that  $t_d - t_f$  is larger than chance for each subject



# Next Week Commitments

- Finalize LLG text
- Prepare ndmg for internal review