

Proposal

- Data:
 - Twin study (281 samples, >5000 OTUs)
 - Predictions for age, ancestry, disease class, family
- Machine Learning – model
- Output:
 - Prediction
 - Visualize difference in microbiome composition based on age, ancestry, etc.
 - Phylogenetic trees
 - PCA (age, ancestry)
 - Interpreting the results
 - add interactive component (user point of view)

