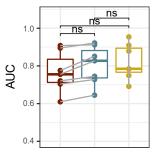
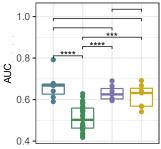
#### Performance in classifying ASD Α. phenotype with lifestyle variables



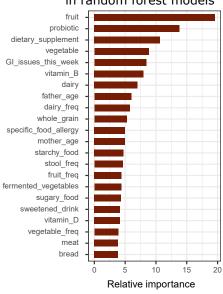
Predictors Used

#### Performance in classifying C. ASD phenotype with taxa

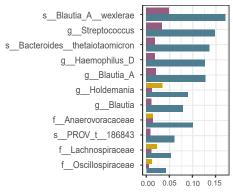


Predictors Used

### Relative importance of lifestyle В. in random forest models



### Relative importance of taxa D. in random forest models



Relative importance

## Predictors Used

- Lifestyle variables only
- Lifestyle variables and 11 biomarkers
  - Lifestyle variables and 117 taxa associated with ASD

# Predictors Used

- 11 biomarkers
- 11 random taxa
- 45 taxa associated w/ ASD but no lifestyle variables
- 117 taxa associated with ASD