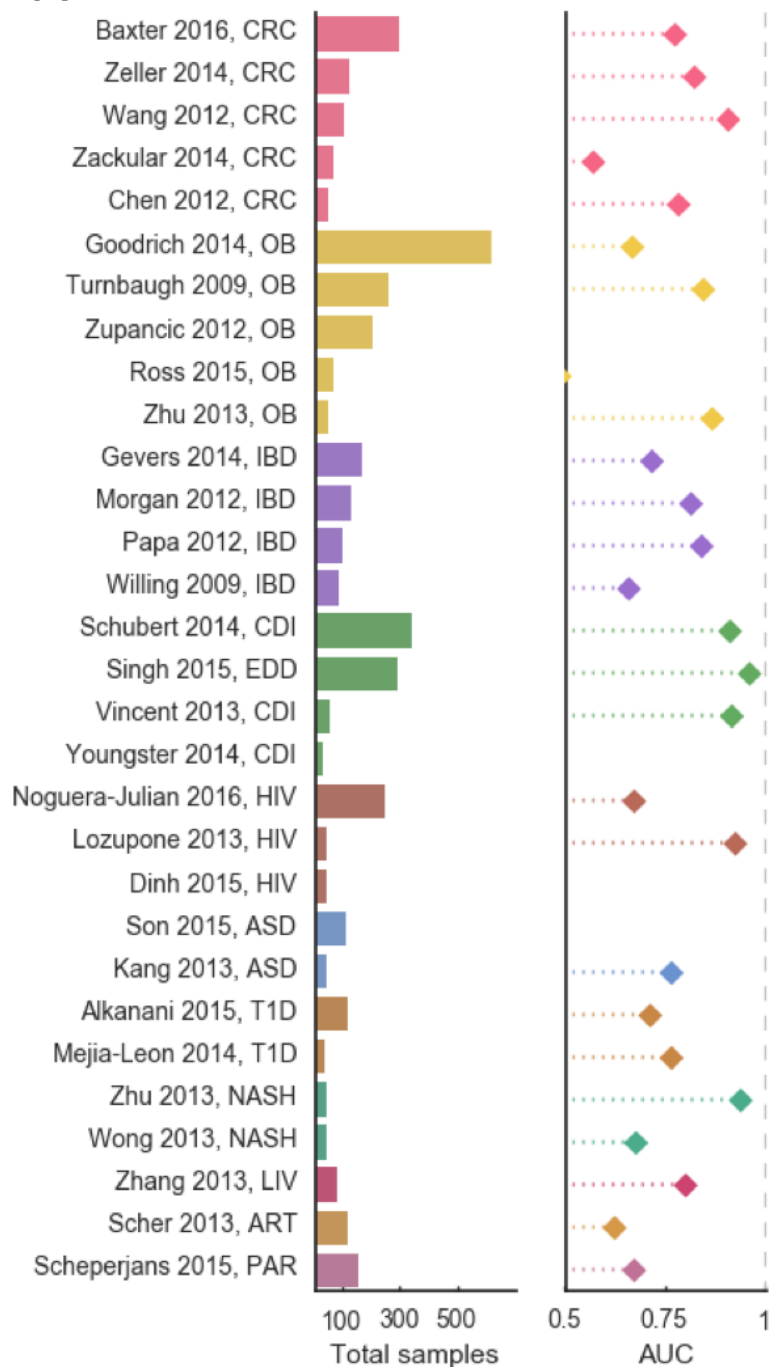


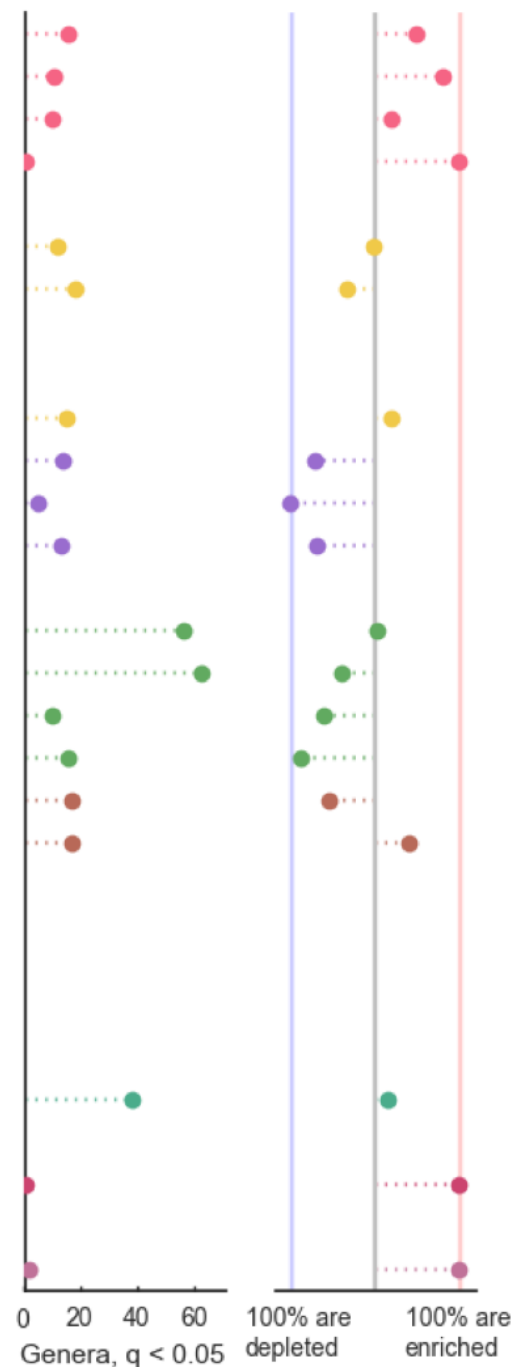
# Meta-analysis of microbiome studies across diseases identifies universal and disease-specific patterns

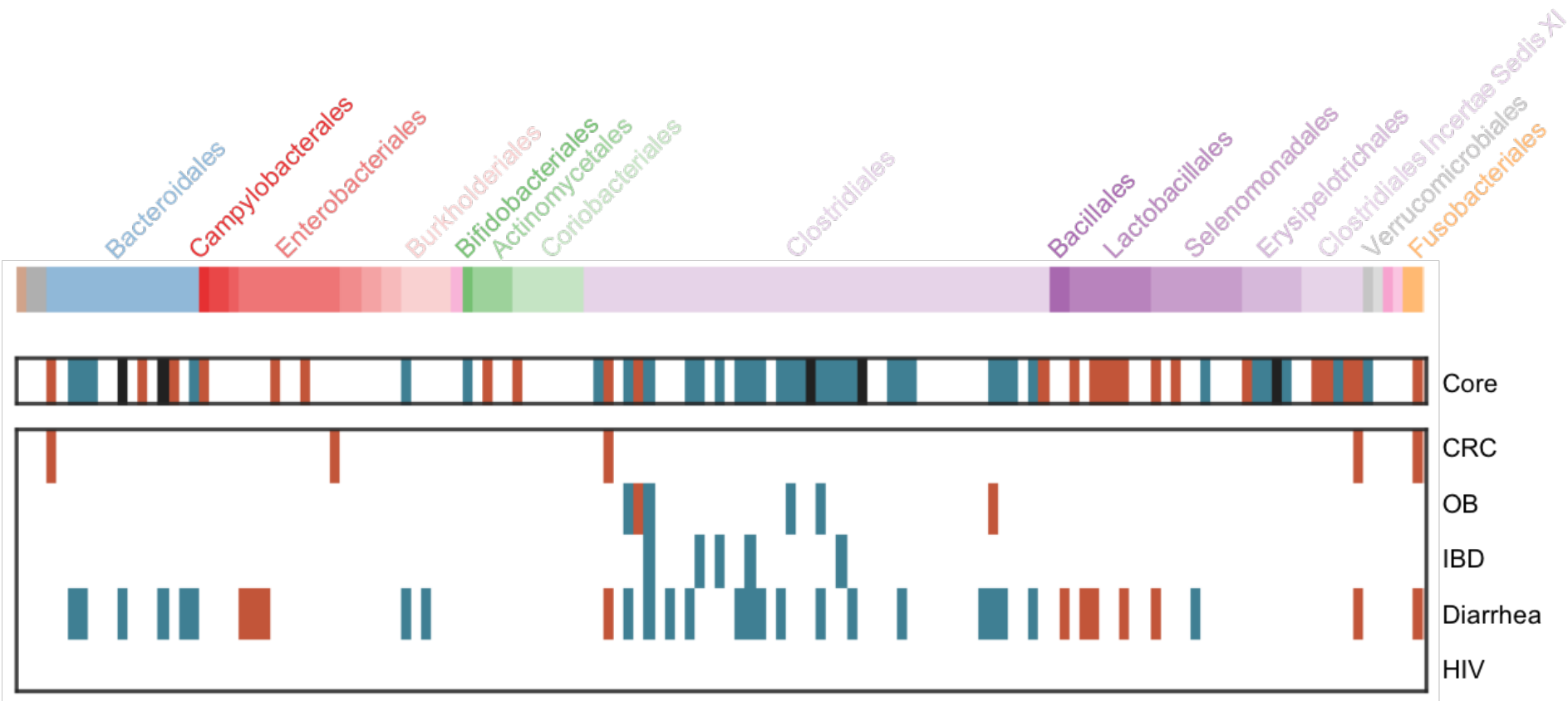
Claire Duvallet, Sean Gibbons,  
Thomas Gurry, Rafael Irizarry, Eric Alm

A



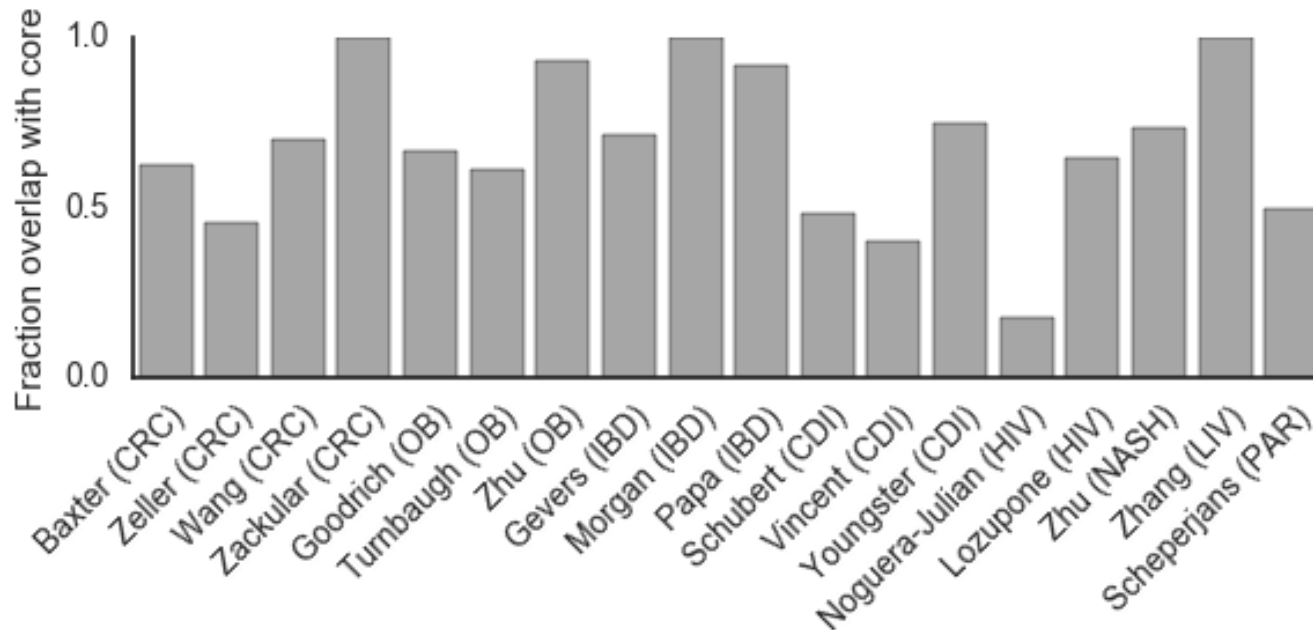
B





core (top) = significant in 2 **diseases**

disease-associated (bottom) = significant in 2 **studies** (of the same disease)



For each dataset: 
$$\frac{\# \text{ of sig genera which are also "core" genera}}{\text{total number of significant genera}}$$