

2024-Mar-11

- Increase permutations for PERMANOVA to 10,000 → Number of permutations from 999
- Filter before run  $\beta$  diversity to look at 2 specific comparisons
  - Or run it 4 separate times, each time with a different comparison. 1-2, 1-4, 1-5, 1-6
- Also make sure its the drug and not PD status

#### Indicator taxa

- Provide more context for what indicator taxa means
- Name drop the 30 sps in comp of healthy vs PD if they are already associated with PD
- Barplot: have groups 1, 3, 4 .. with low abundance, and then group 2 with high abundance
  - Make abundance plot for the 2 species in Group 1,3,4,5,6
- Measure the abundance of the two species in the combined group
  - **Oscillospiraceae Colidextribacter and Firmicutes Clostridia**

#### Coremicrobiome

- Change detection to 1%, keep prevalence at 50%
- 

#### Followup on Amantadine

*F. Prausnitzii*