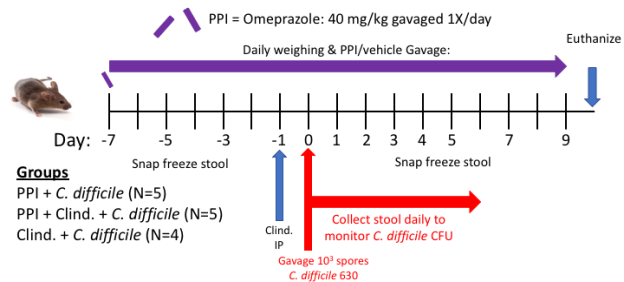
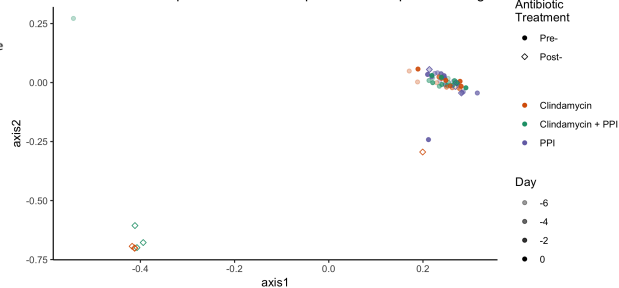
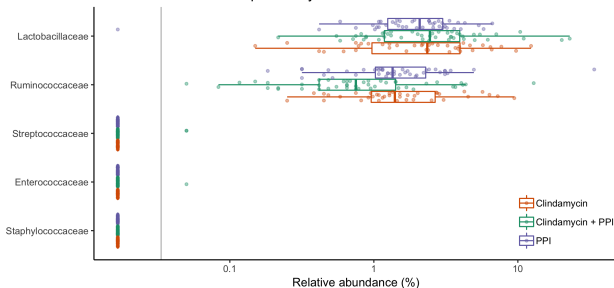


**A****B**

PCoA of fecal samples taken from timepoints before spore challenge

**C**

Families previously associated with human PPI use

**D**7 families with lowest adjusted P values ( $0.45 < P < 0.65$ ) after comparing across 3 timepoints