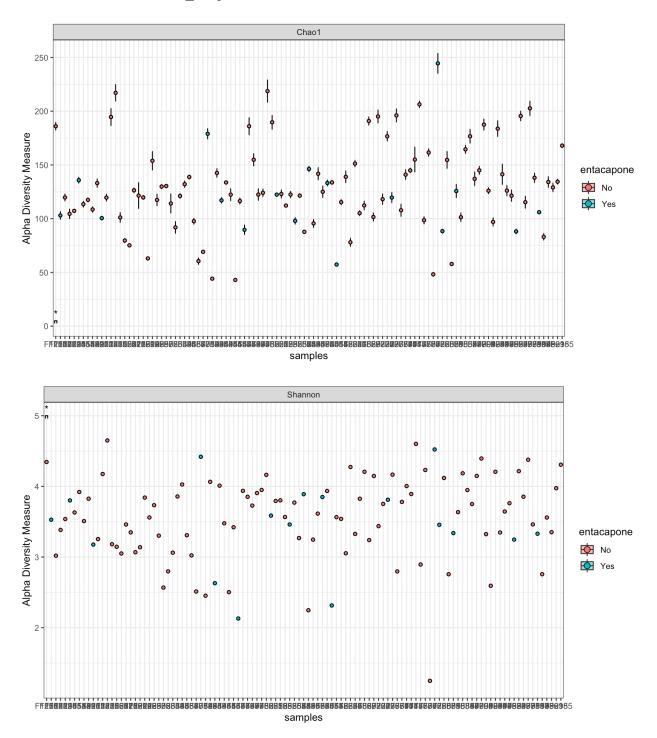
## SUPPLEMENTARY MATERIAL

**Supplementary Figure S1.** Entacapone use produces no changes in alpha-diversity. Chao1 and Shannon alpha diversity metrics are shown for each PD patient sample. PD\_L patients are indicated in red, while PD\_LE patients are indicated in blue.



**Supplementary Figure S2. PD\_L and PD\_LE microbiomes share many core taxa, but have distinct microbiomes.** Core microbiome analysis of PD\_L and PD\_LE subjects that do or do not take laxatives. A detection threshold of 0.001 and an abundance threshold of 0.25 was selected.

