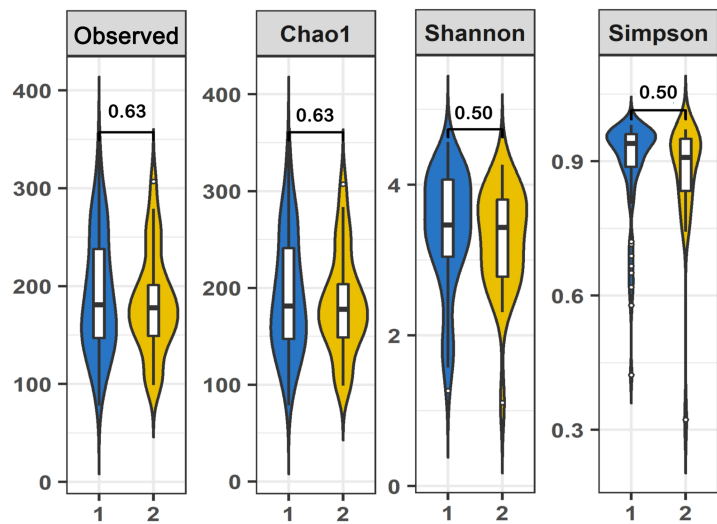
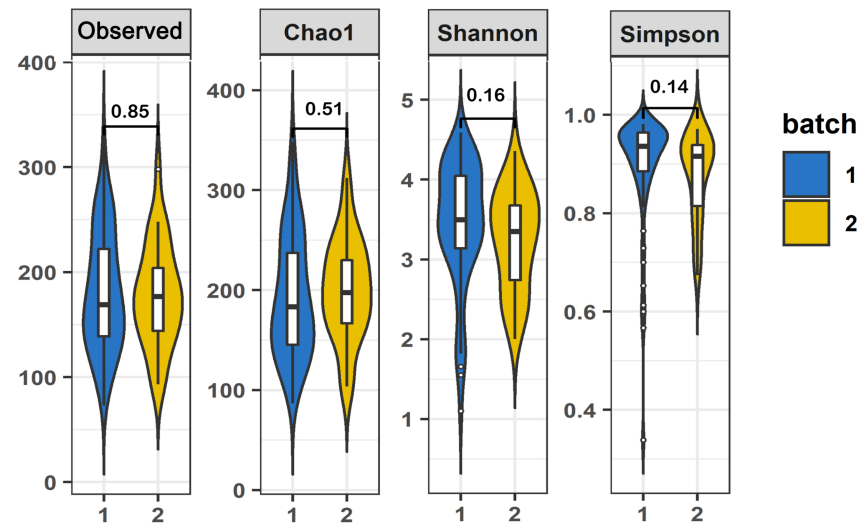


**a**

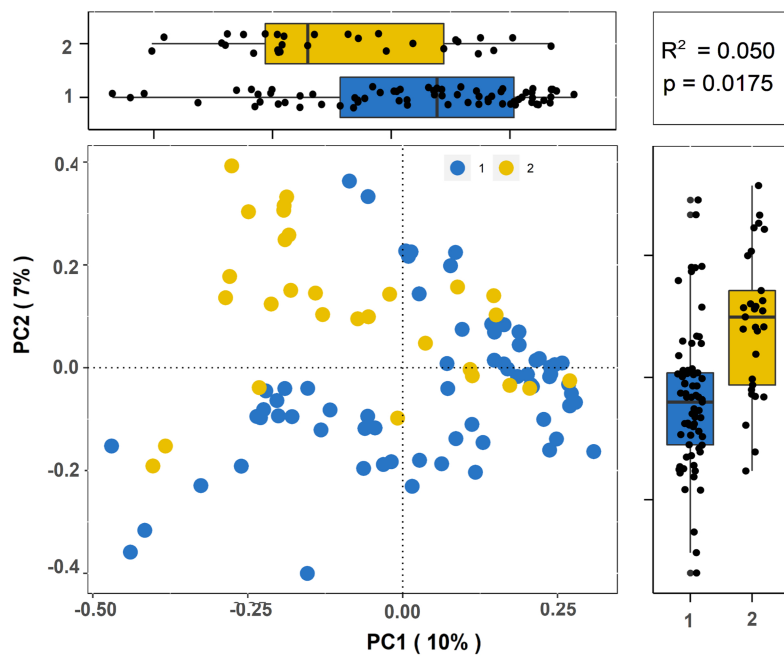
Before batch effect removal



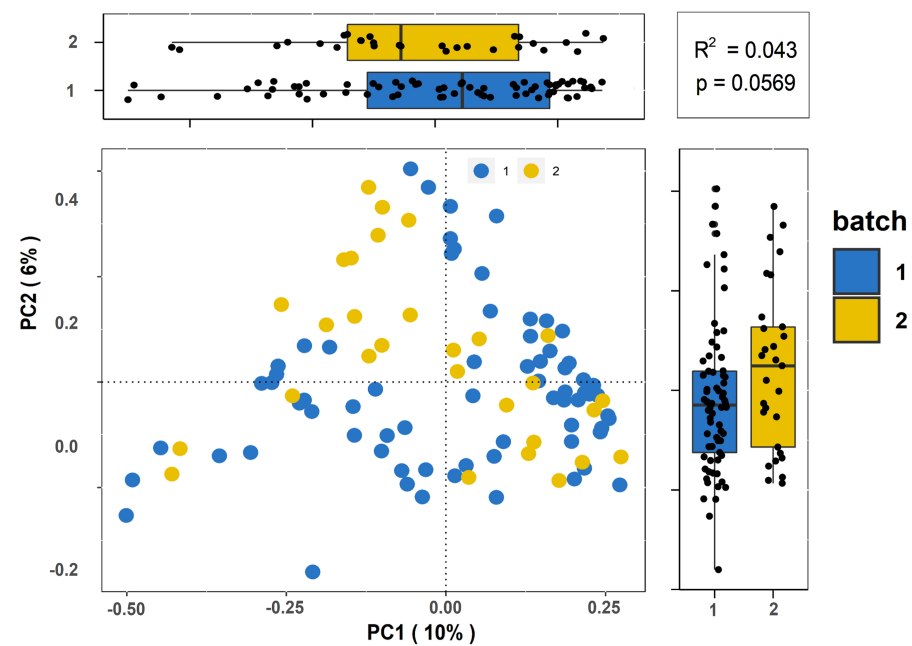
After batch effect removal

**b**

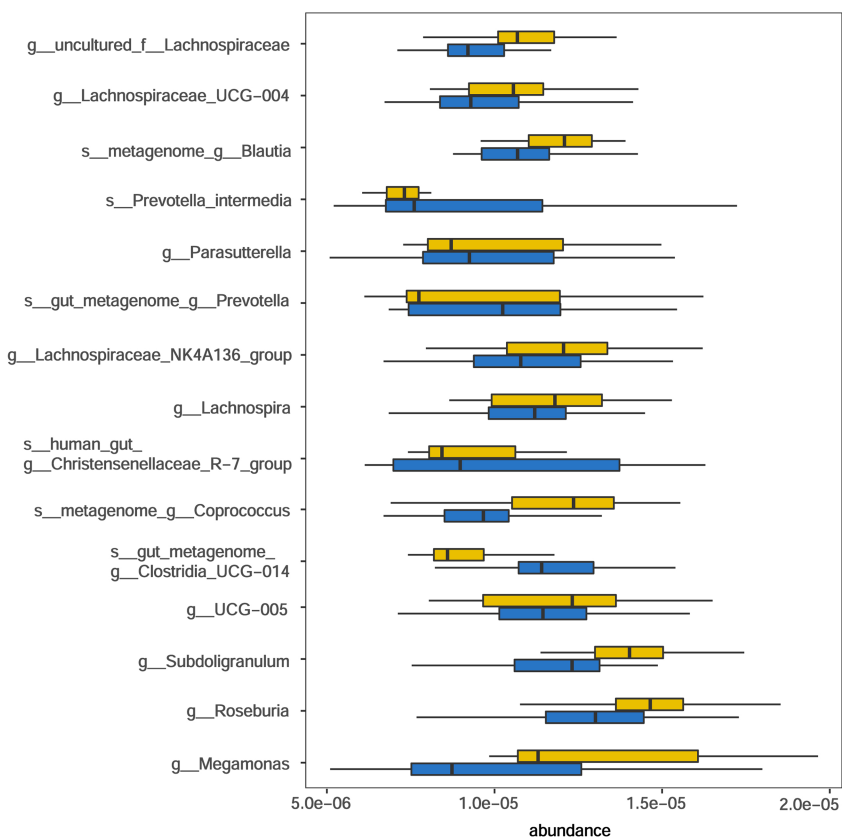
Before batch effect removal



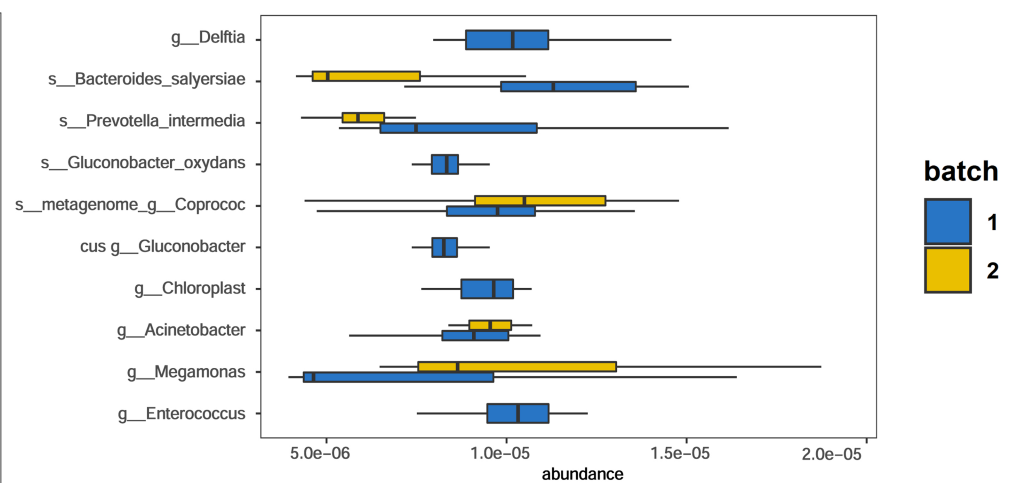
After batch effect removal

**c**

Before batch effect removal



After batch effect removal



FigureS1

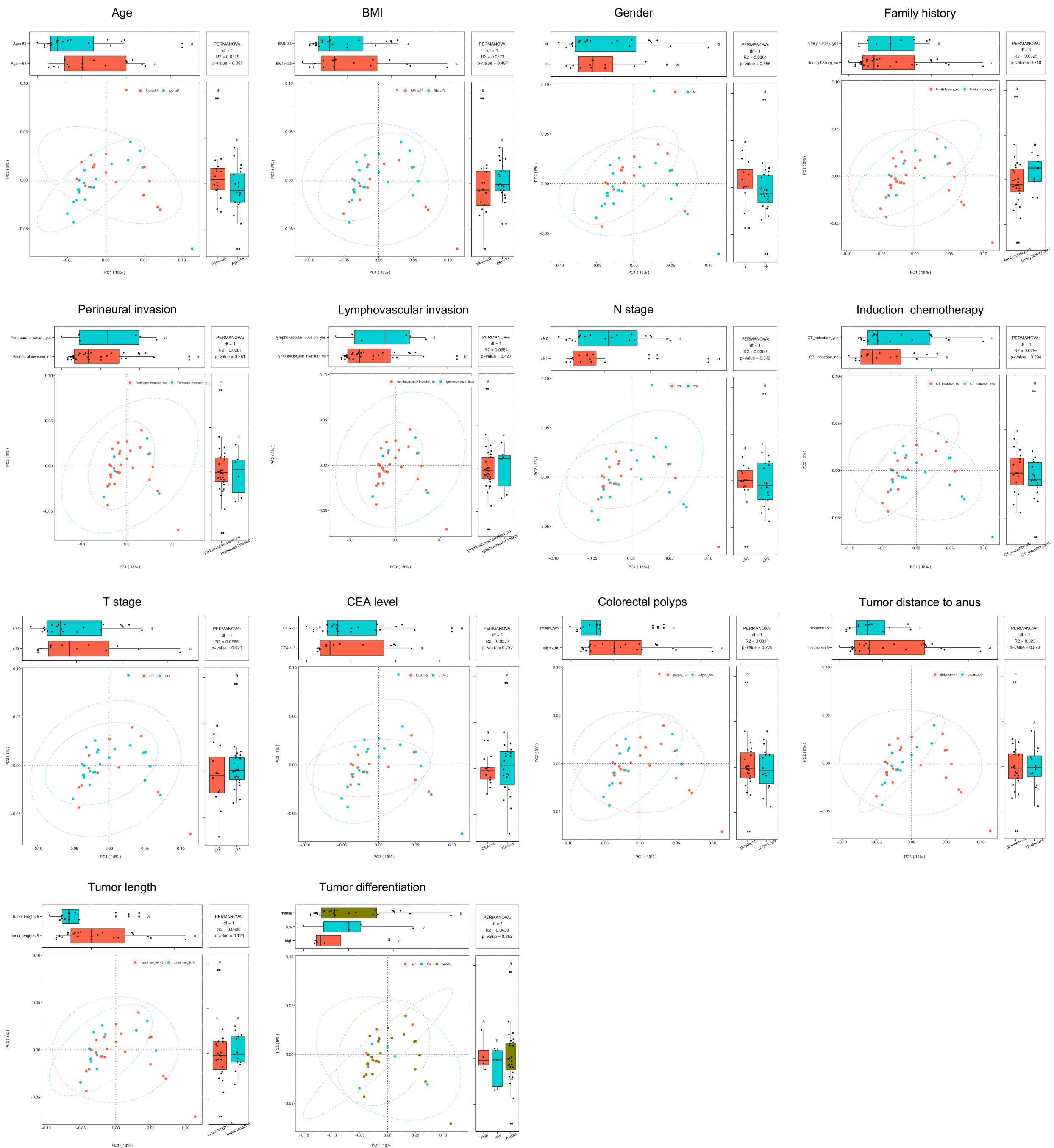
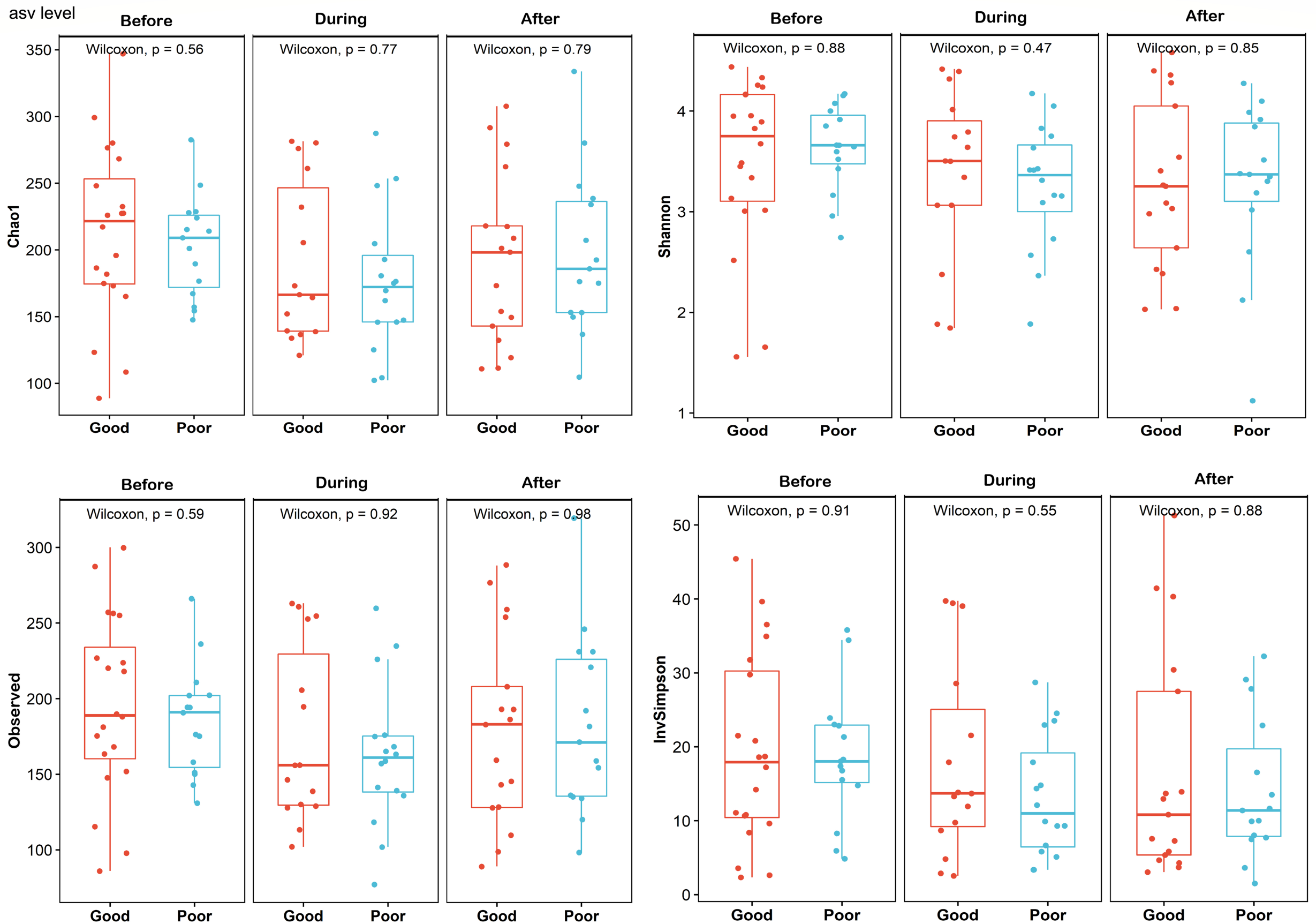


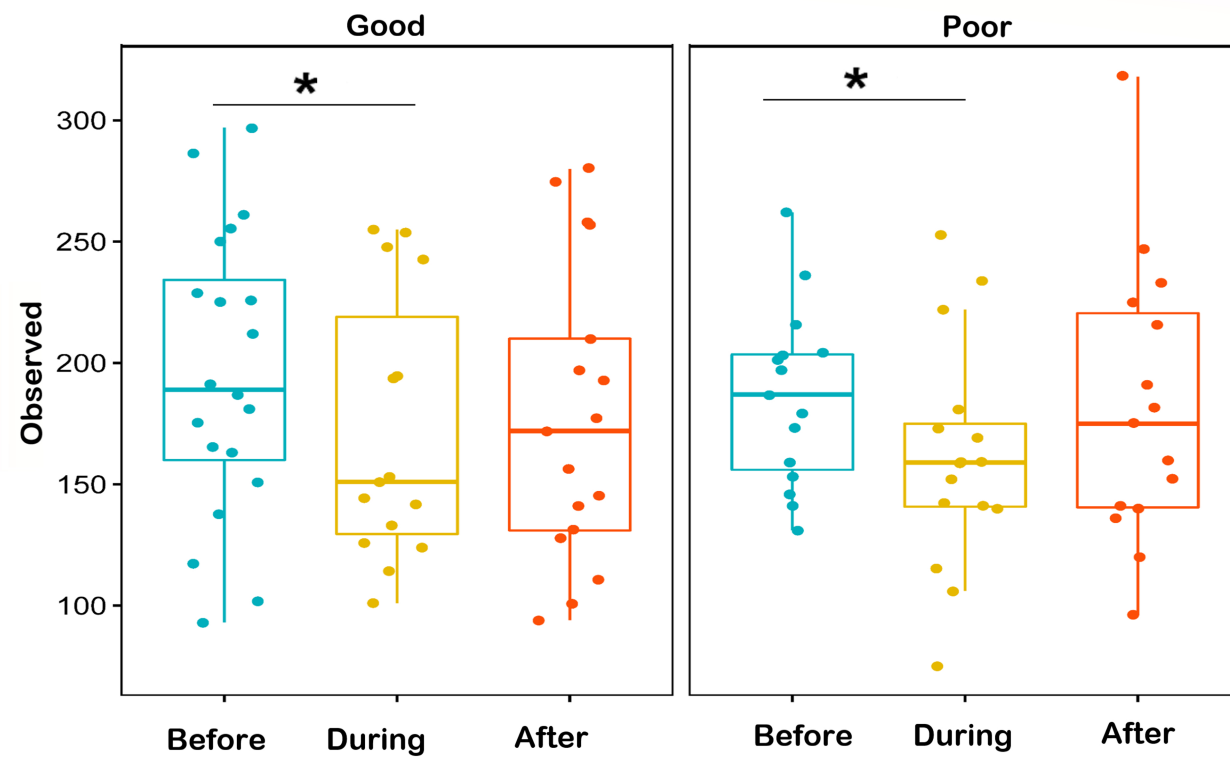
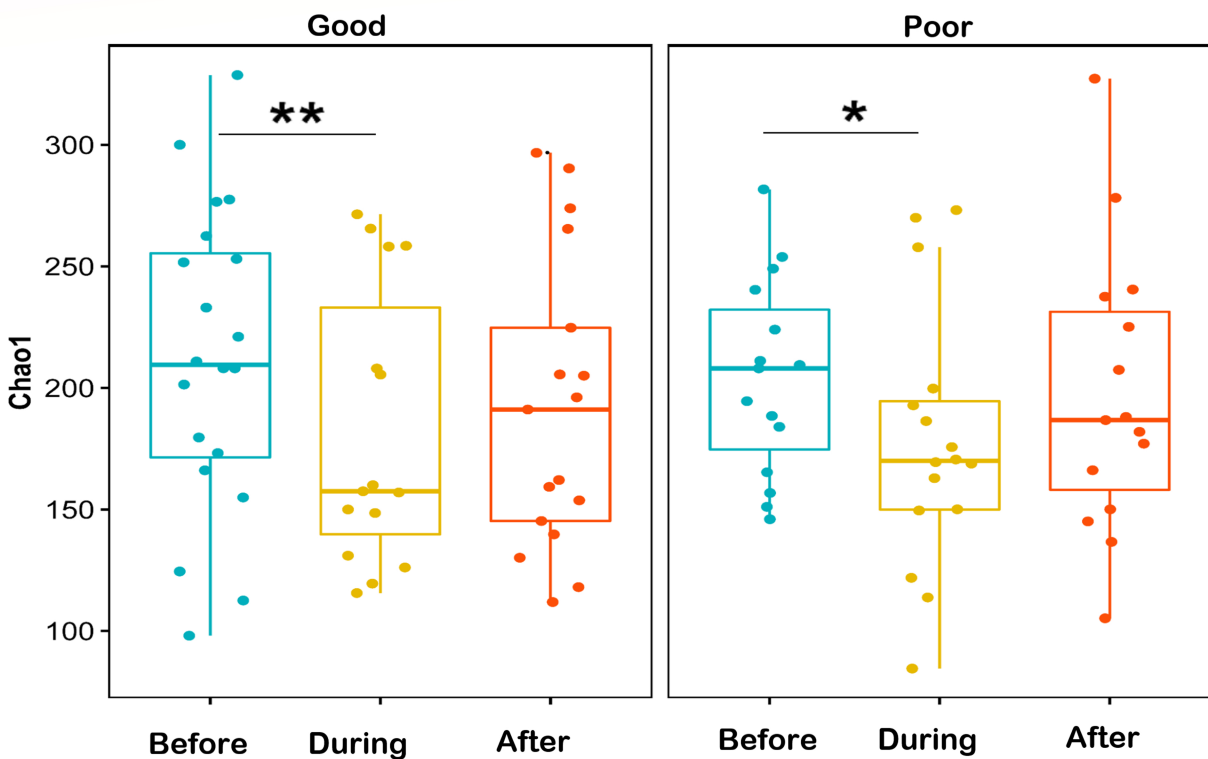
Figure S2



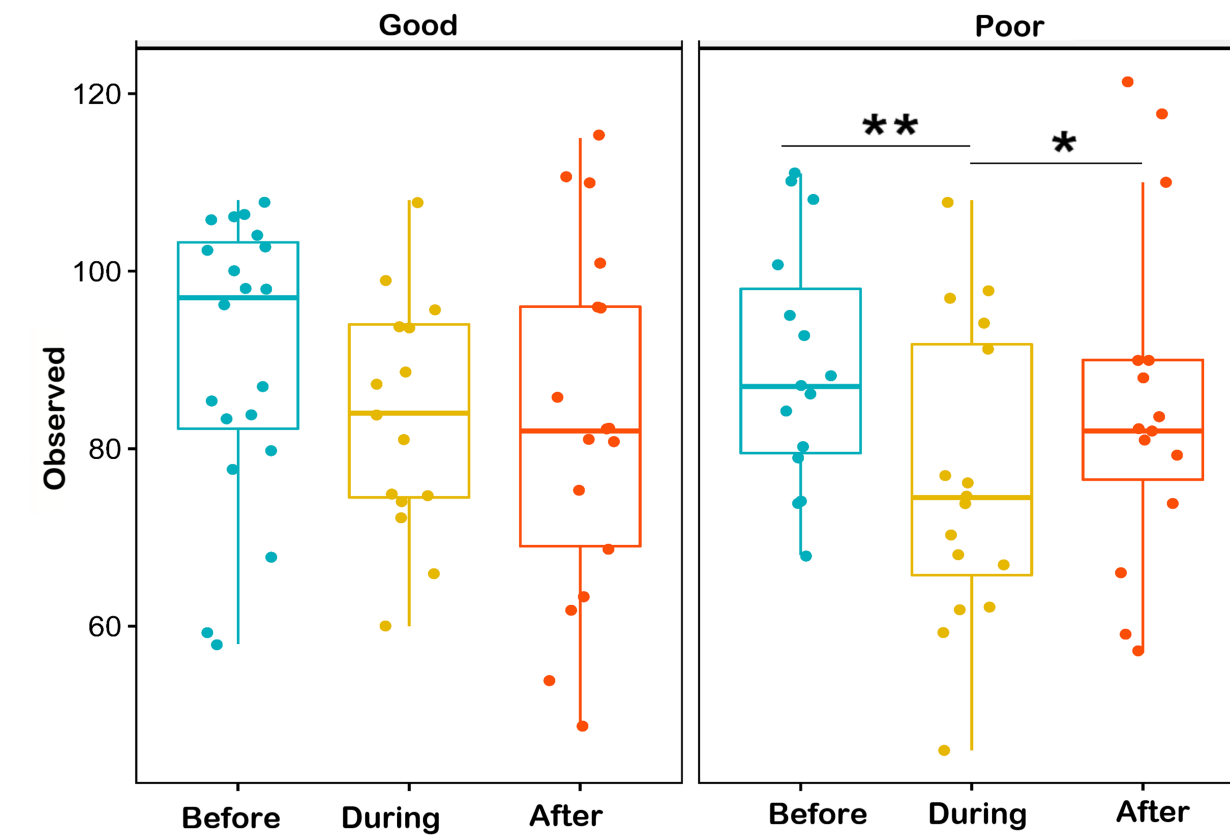
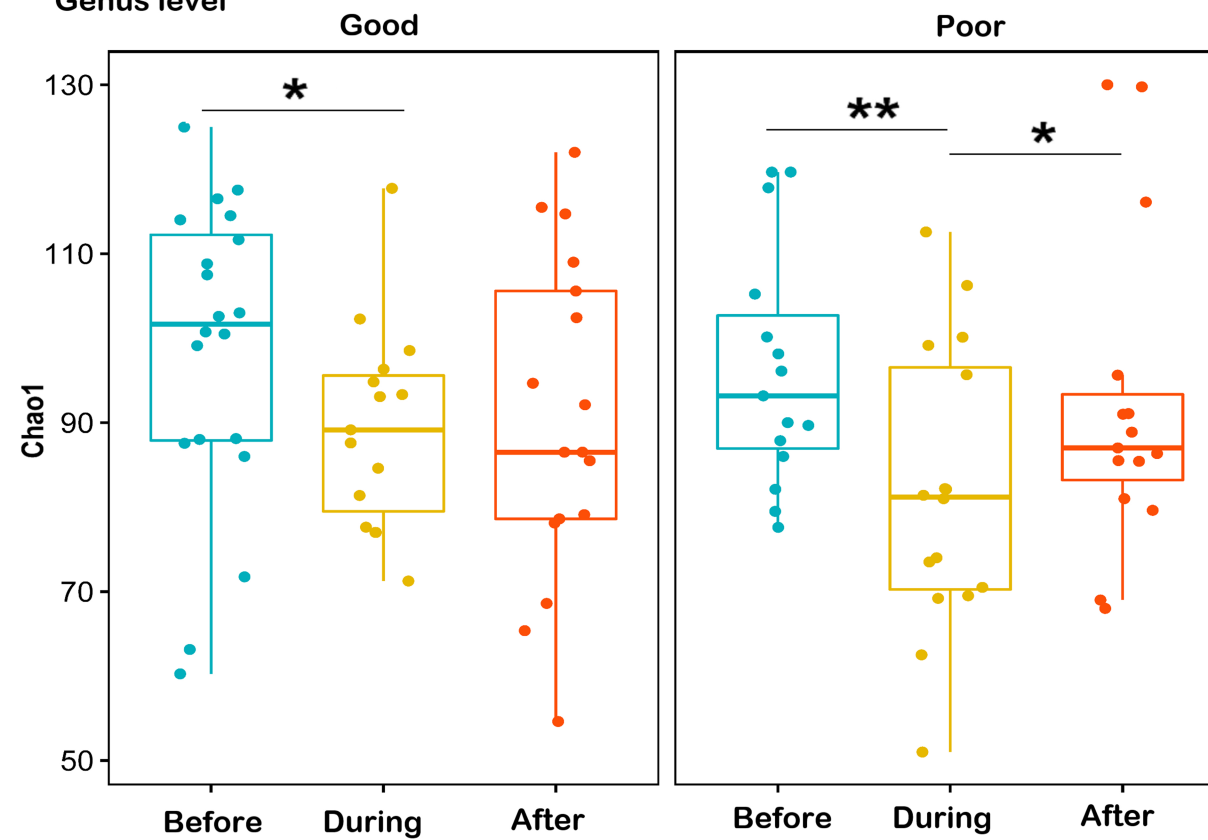


FigureS3

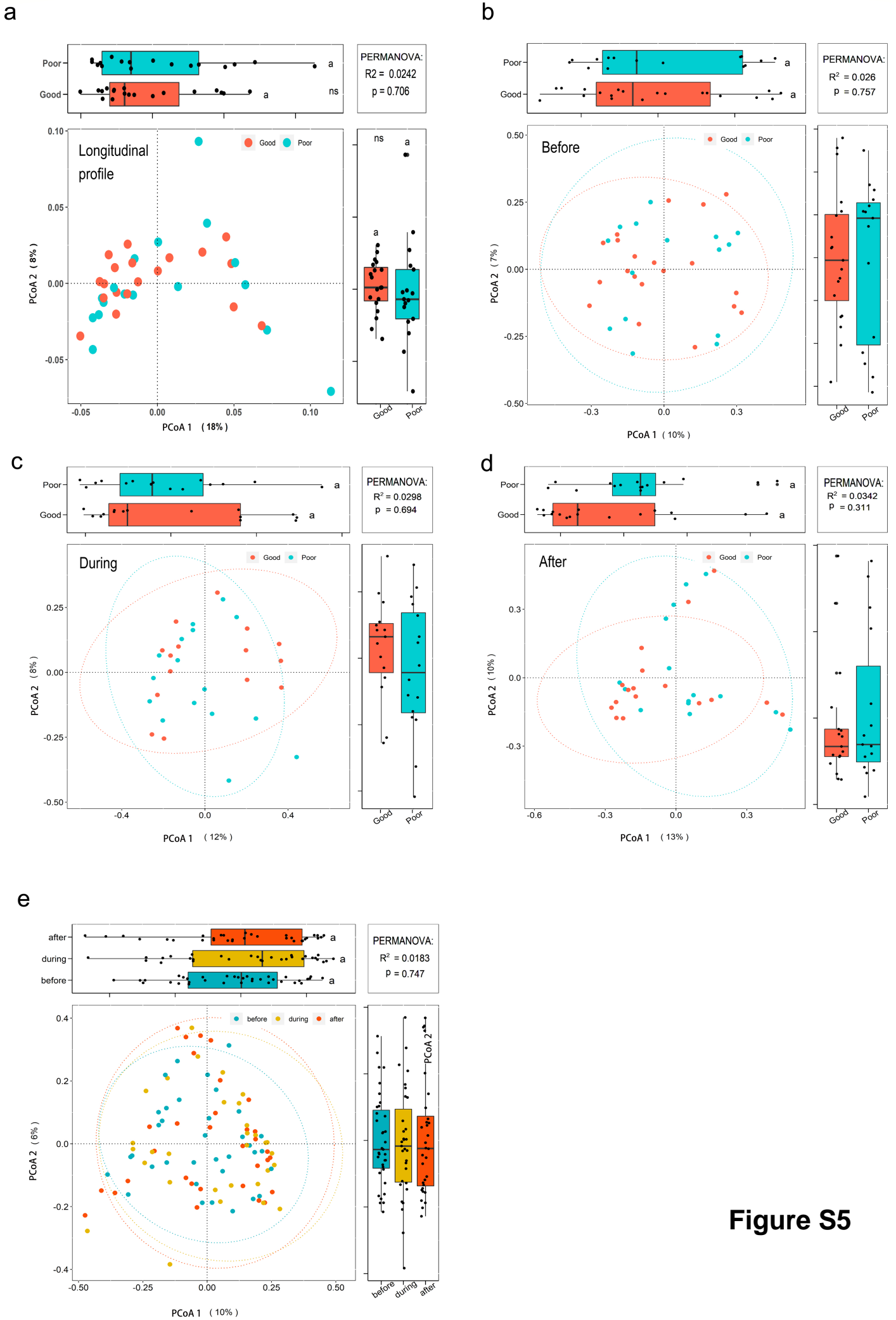
ASV level



Genus level

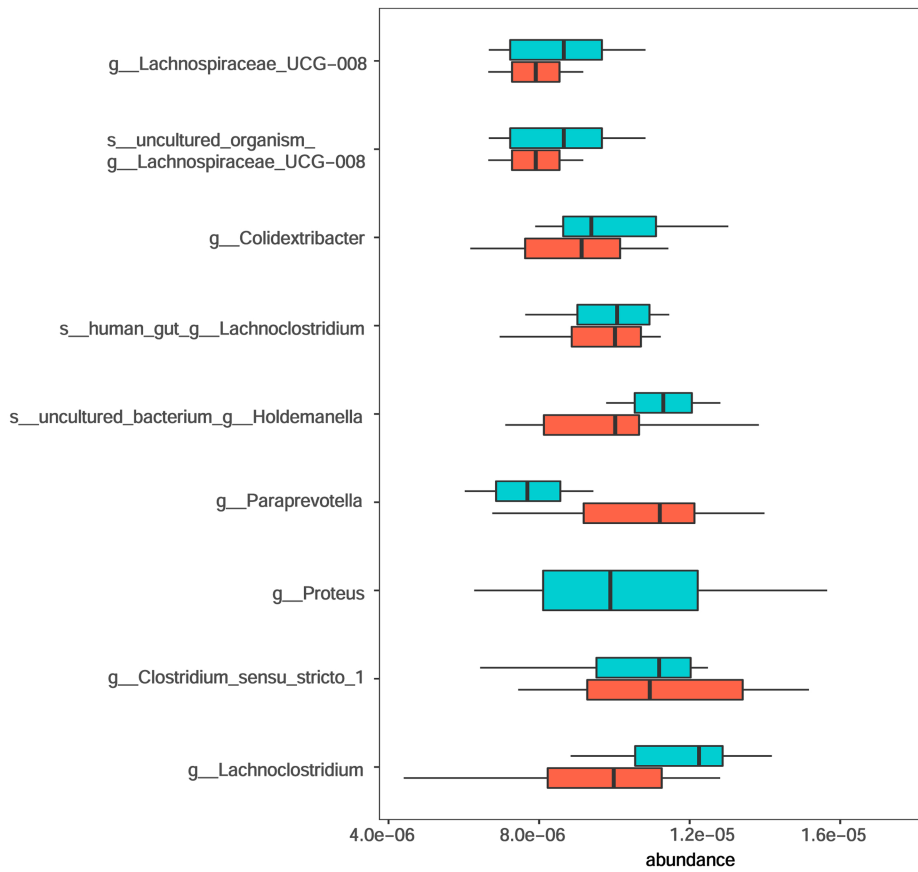


FigureS4

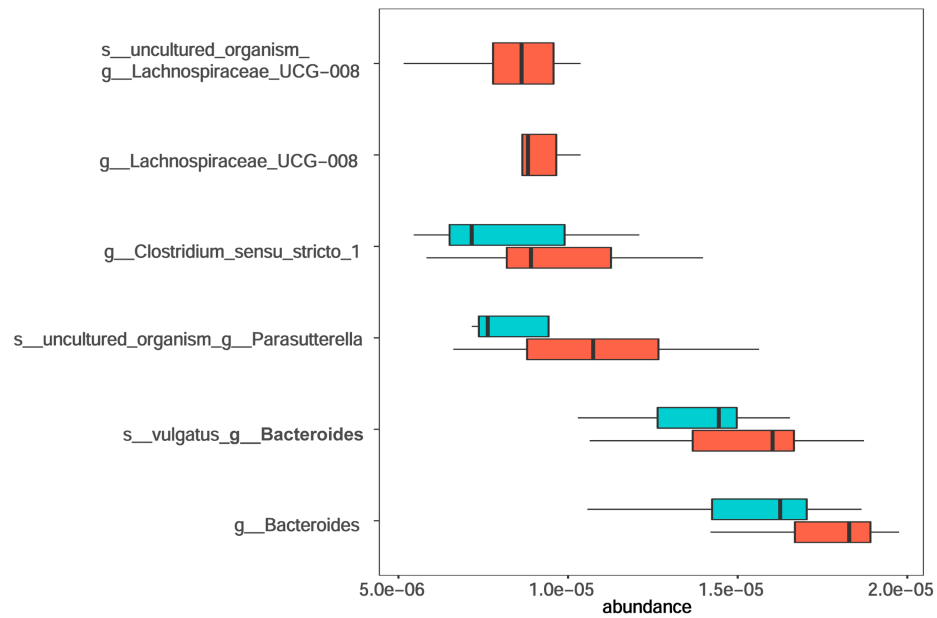


**Figure S5**

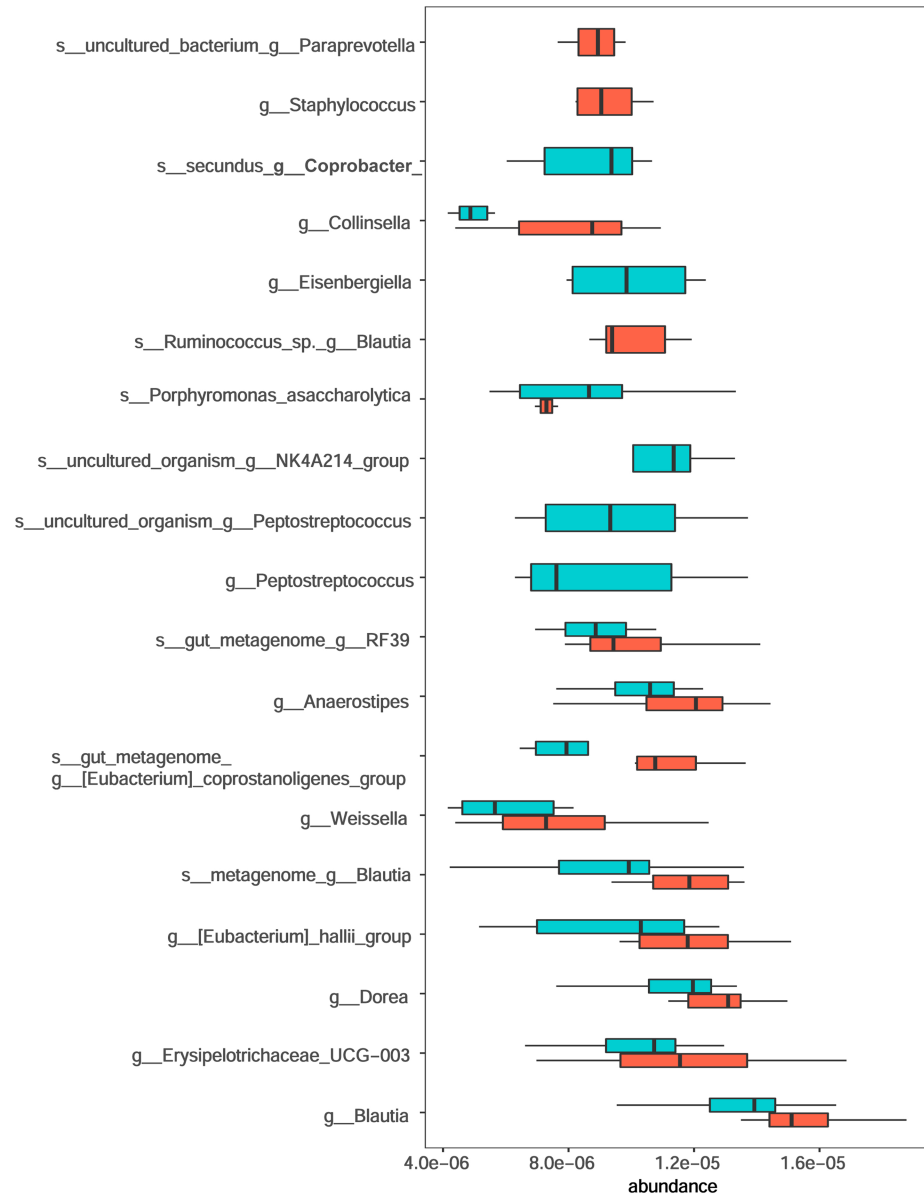
## Before nCCRT



## After nCCRT



## During nCCRT

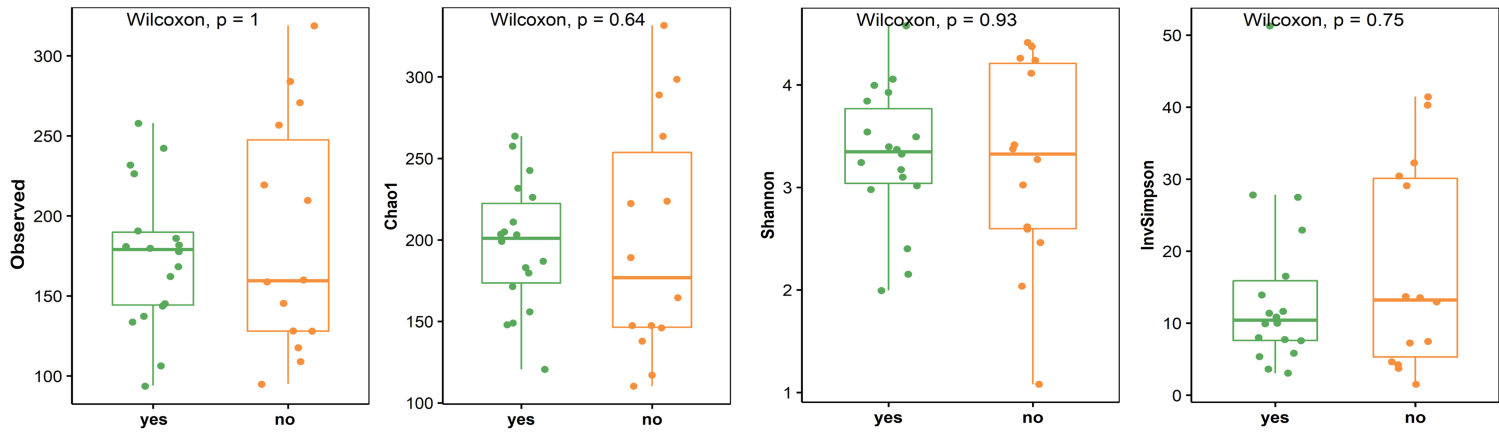
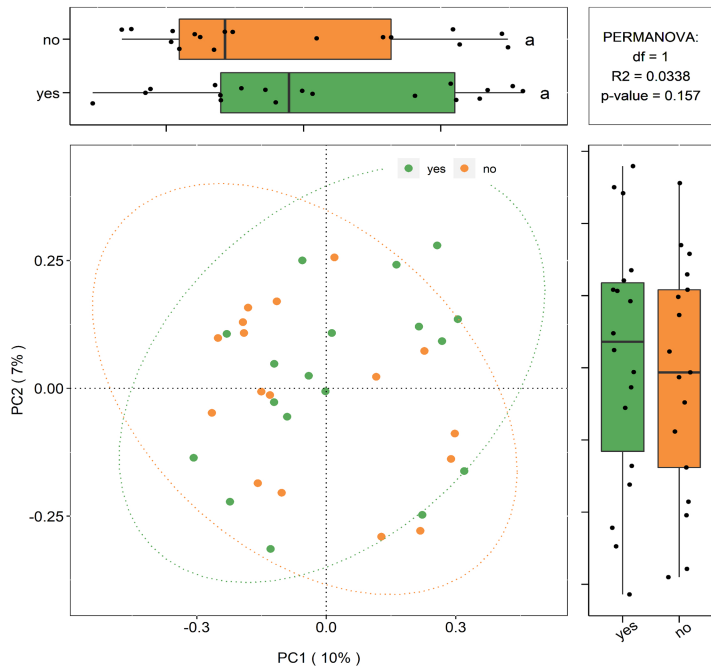
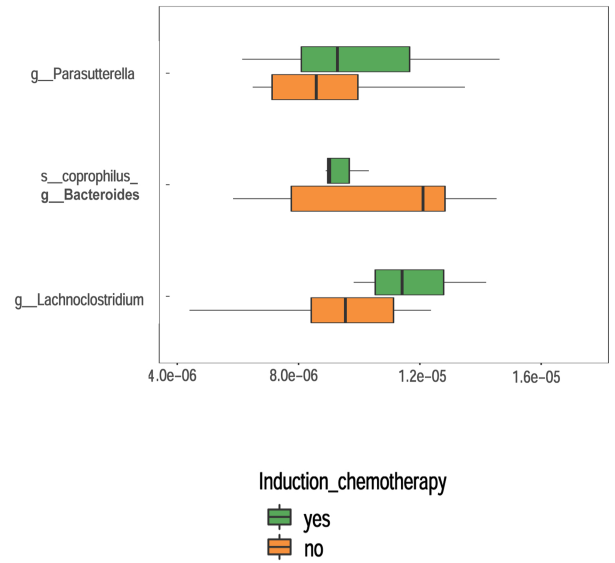


effect

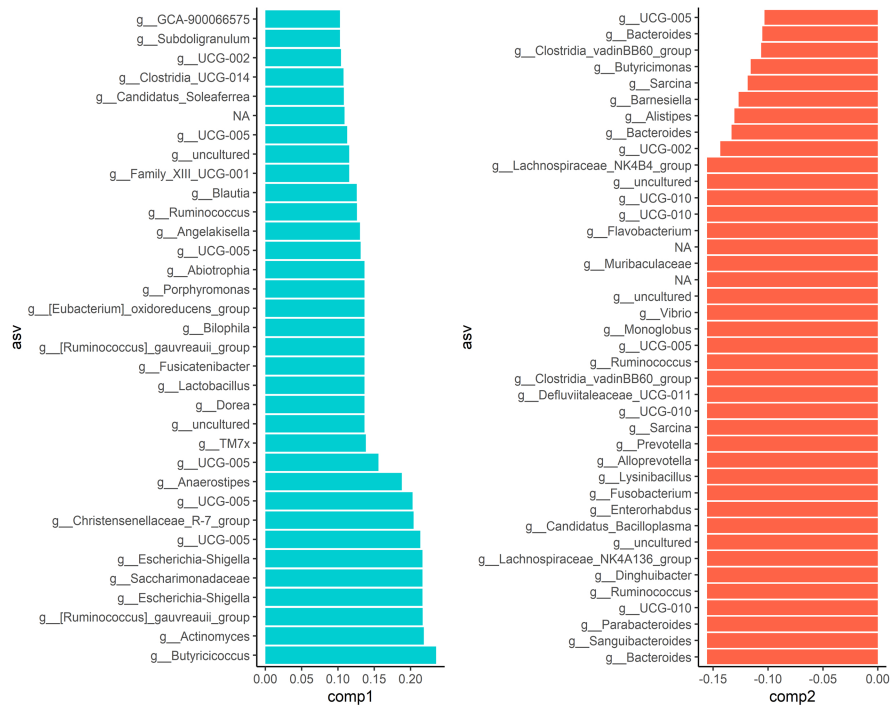
Good

Poor

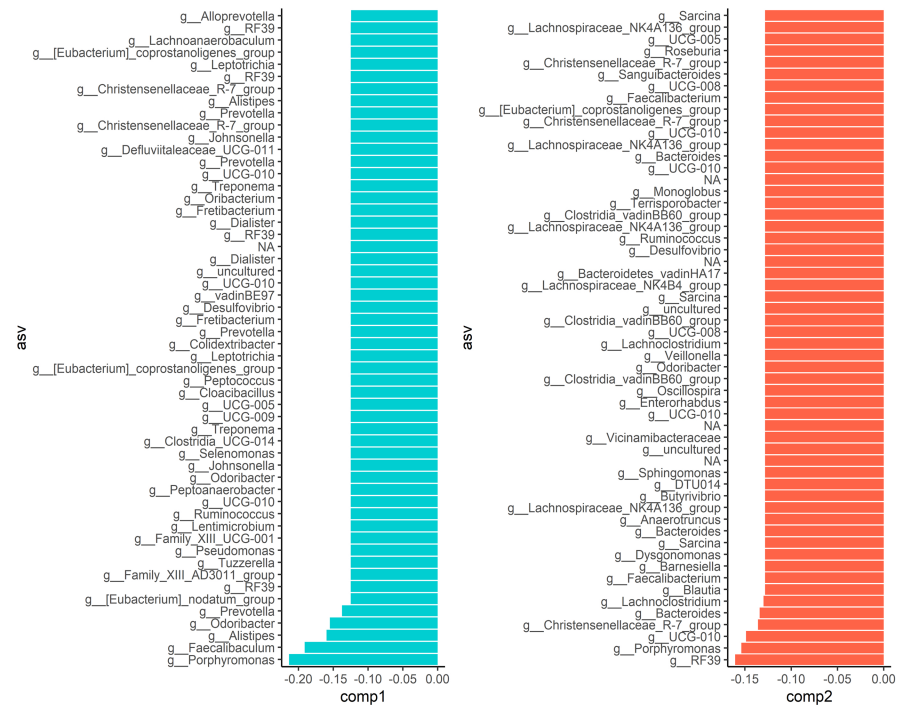


**a****b****c****FigureS7**

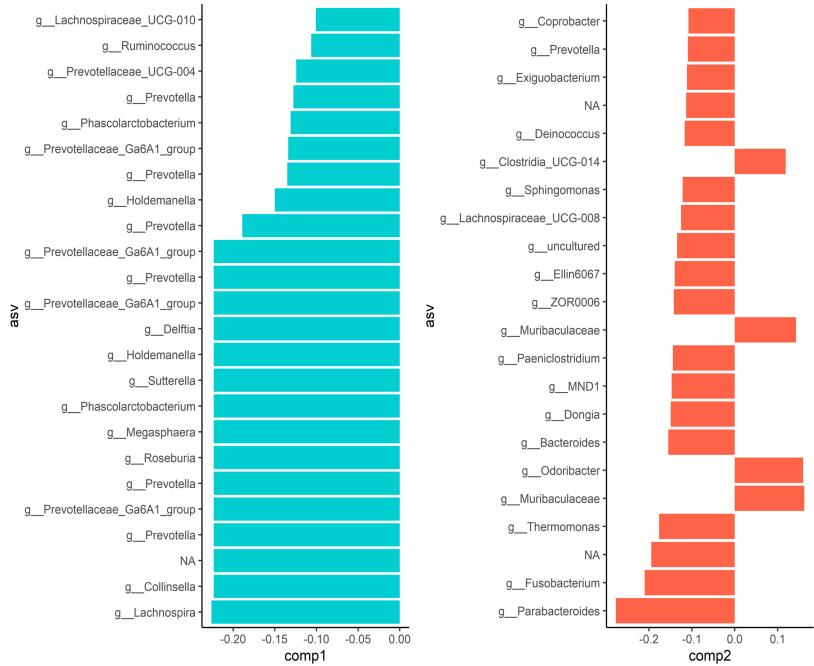
## Before nCCRT



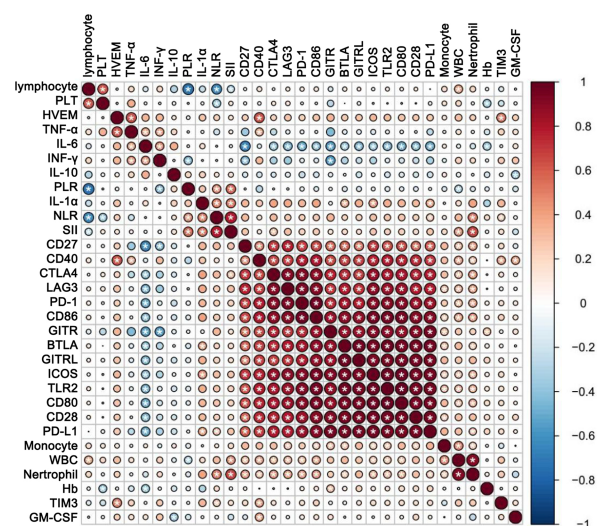
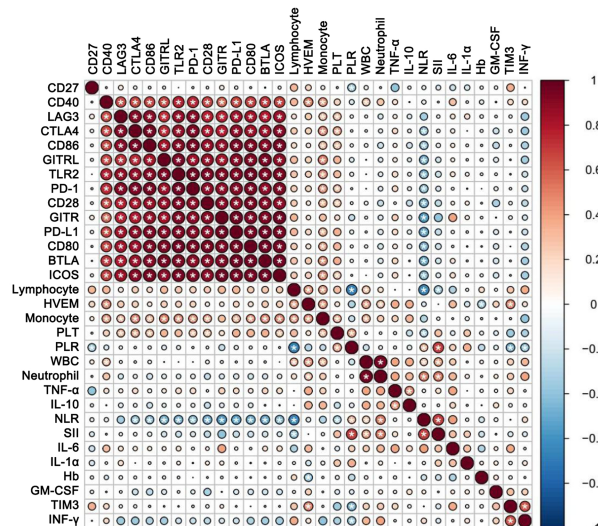
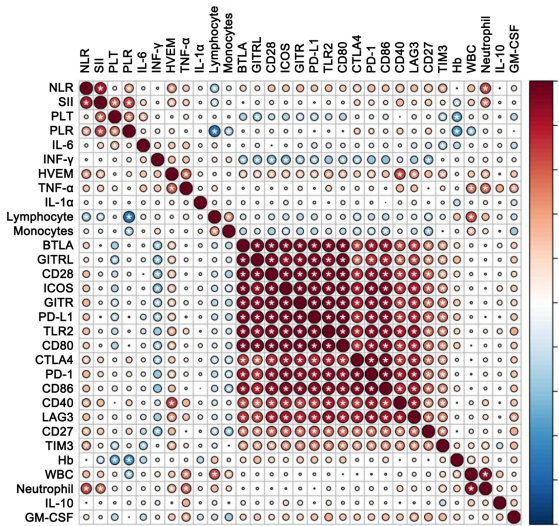
## During nCCRT



## After nCCRT



FigureS8



FigureS9