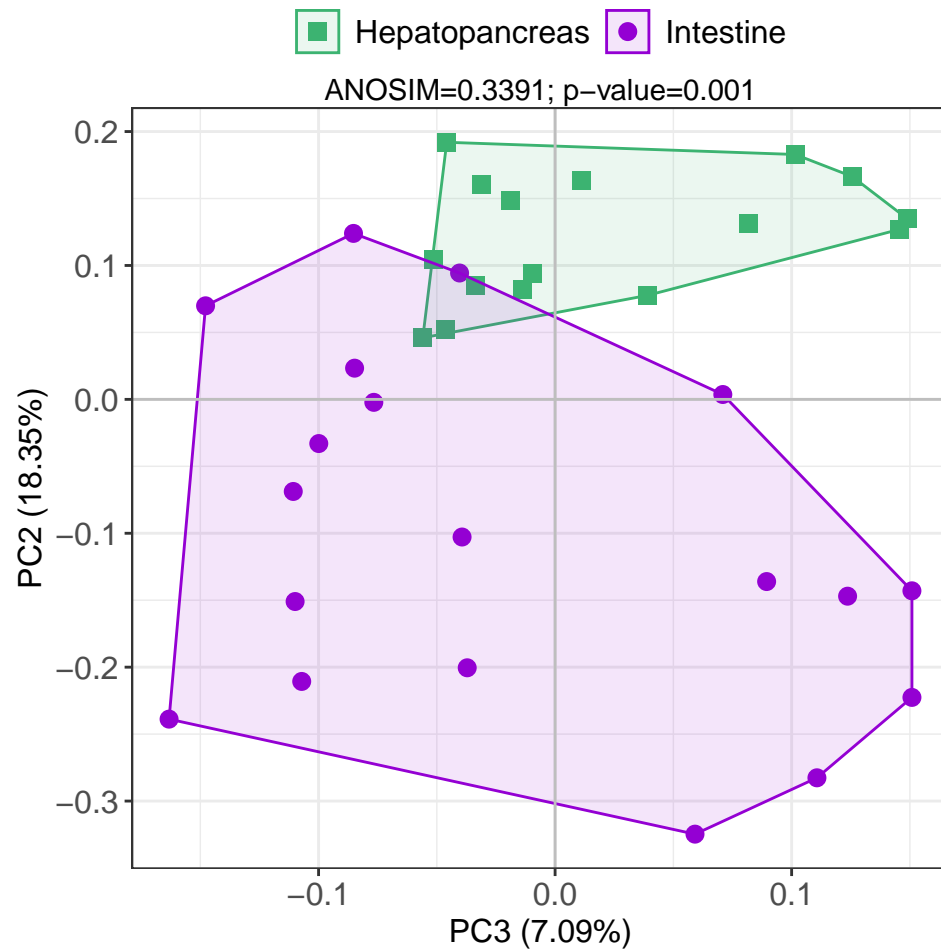


Graphs shrimp genetics 2022

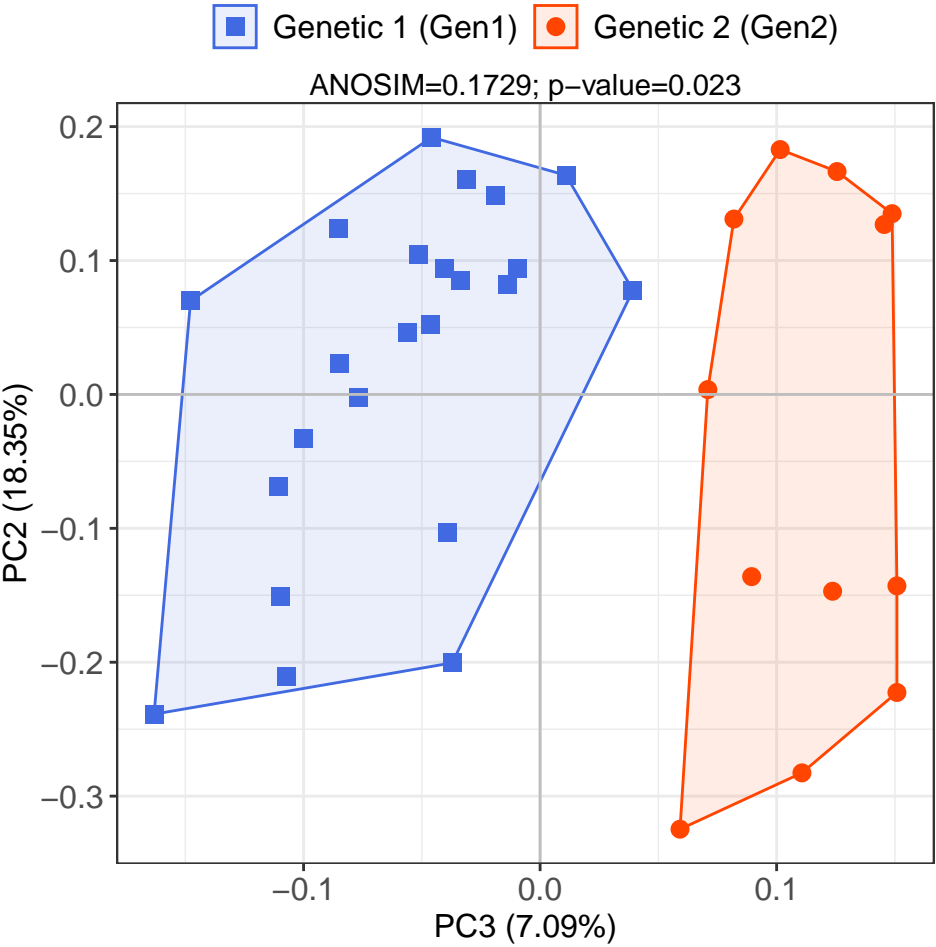
07/12/2022

Figure 1: Beta diversity contrasting Organs, Genetics and Ponds

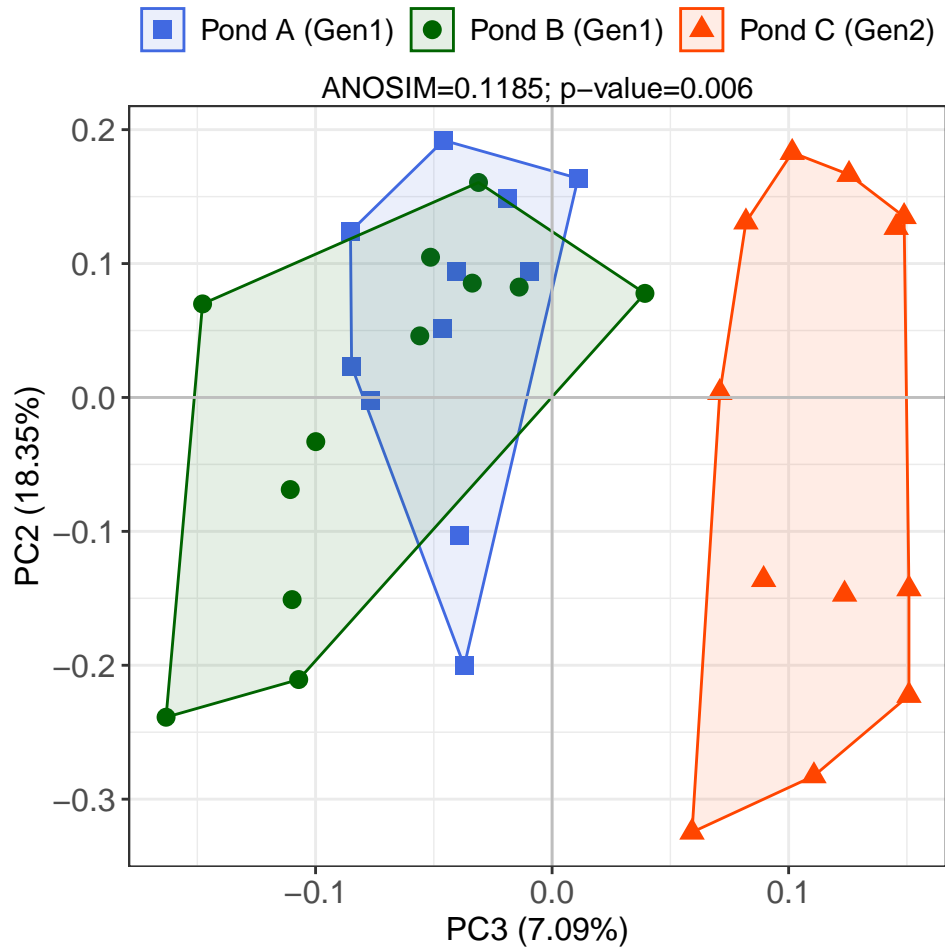
## Module A: Beta diversity contrasting Organs



Module B: Beta diversity contrasting Genetics

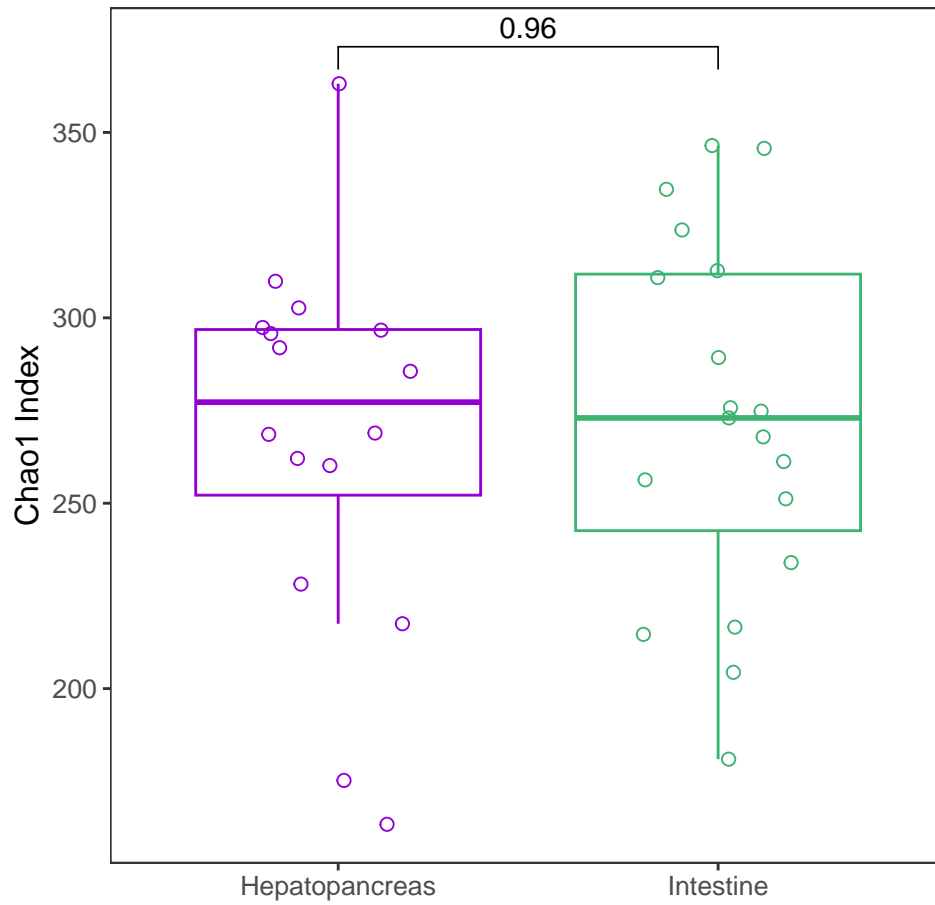


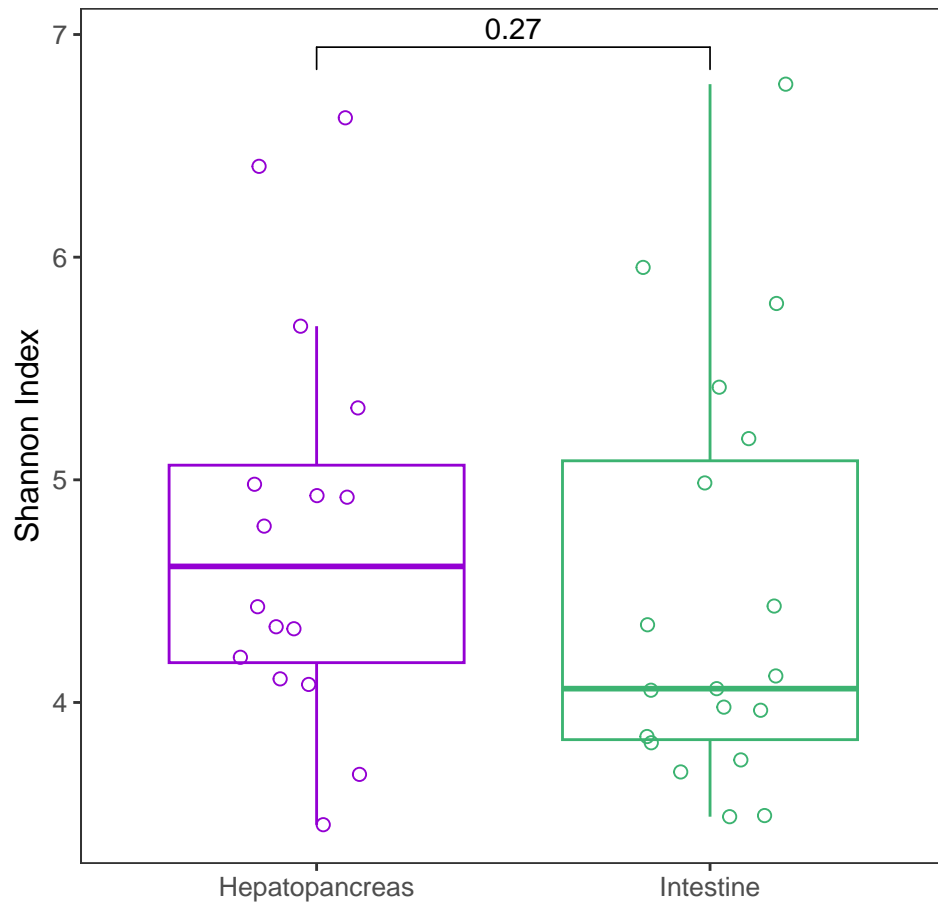
### Module C: Beta diversity contrasting Ponds



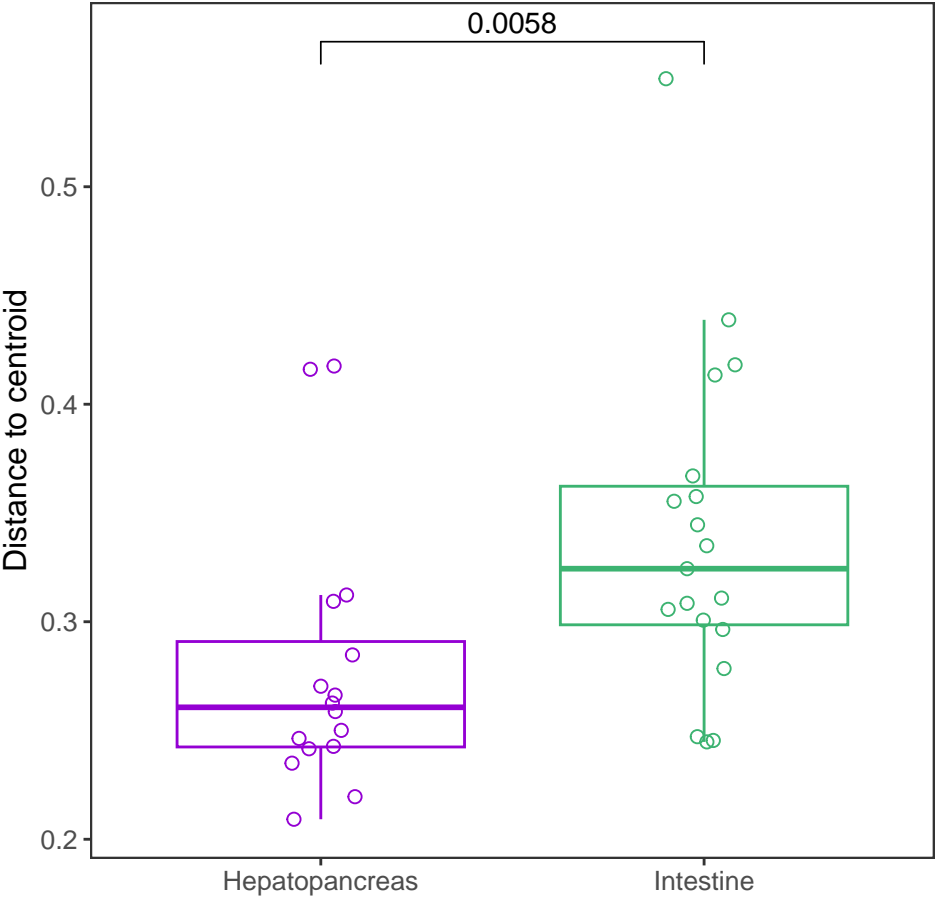
**Figure 2: Alpha Diversity**

Module A and B: Alpha diversity contrasting Organs, Chao1 and Shannon

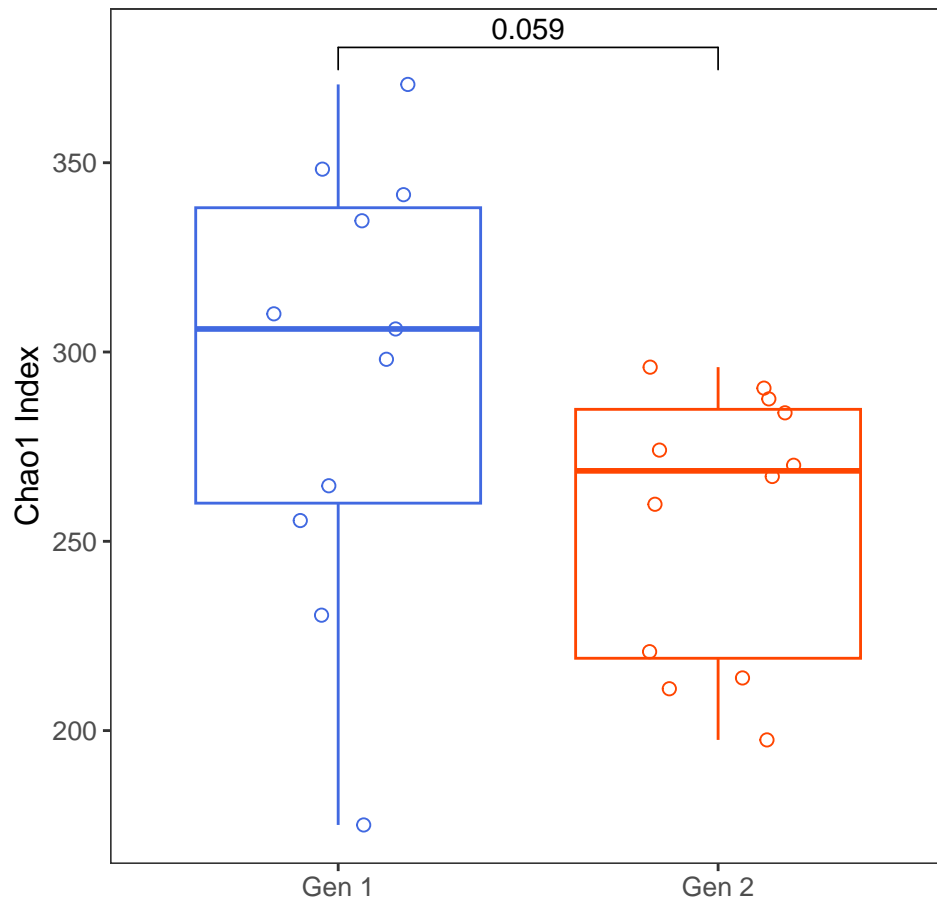


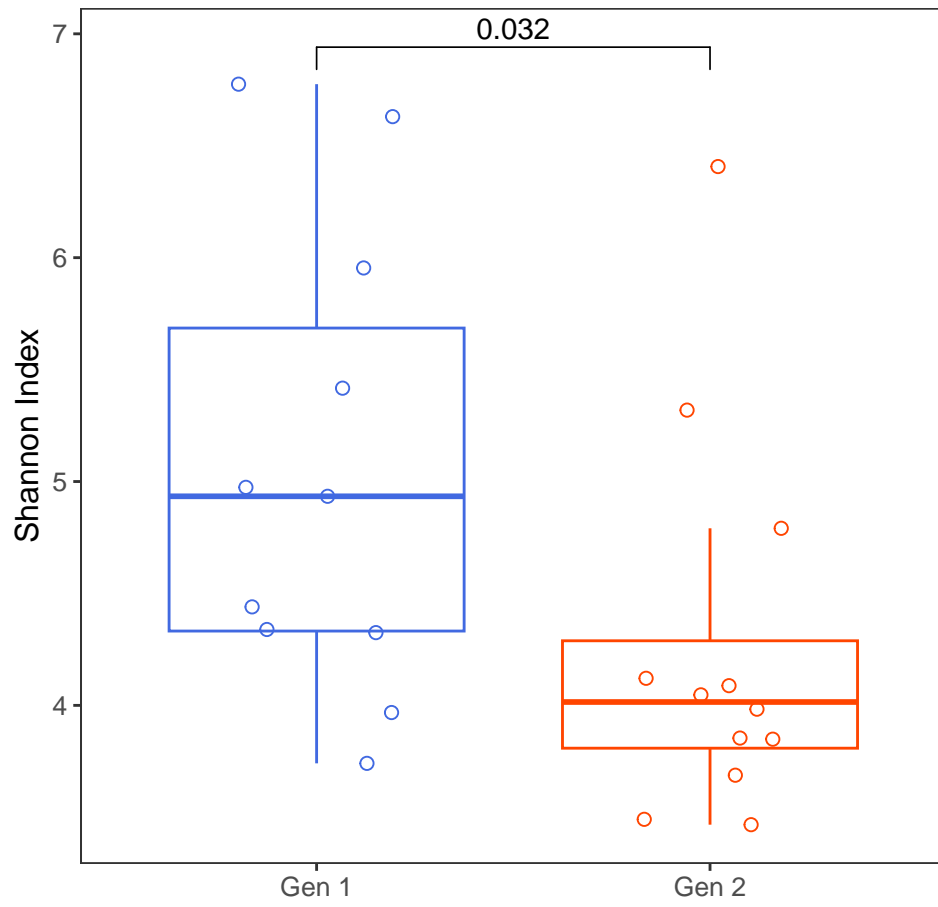


Module C: Distance to centroid contrasting Organs



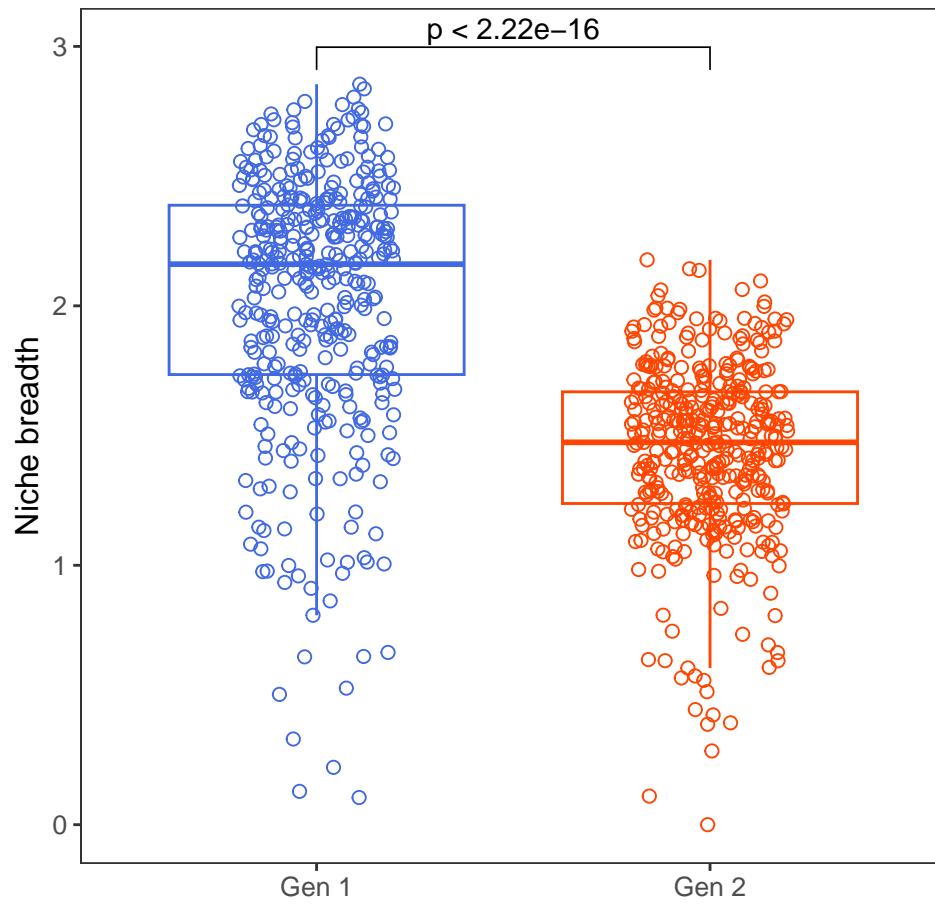
Module D and E: Alpha diversity contrasting Genetics (Mazatlan and Lajitas only), Chao1 and Shannon





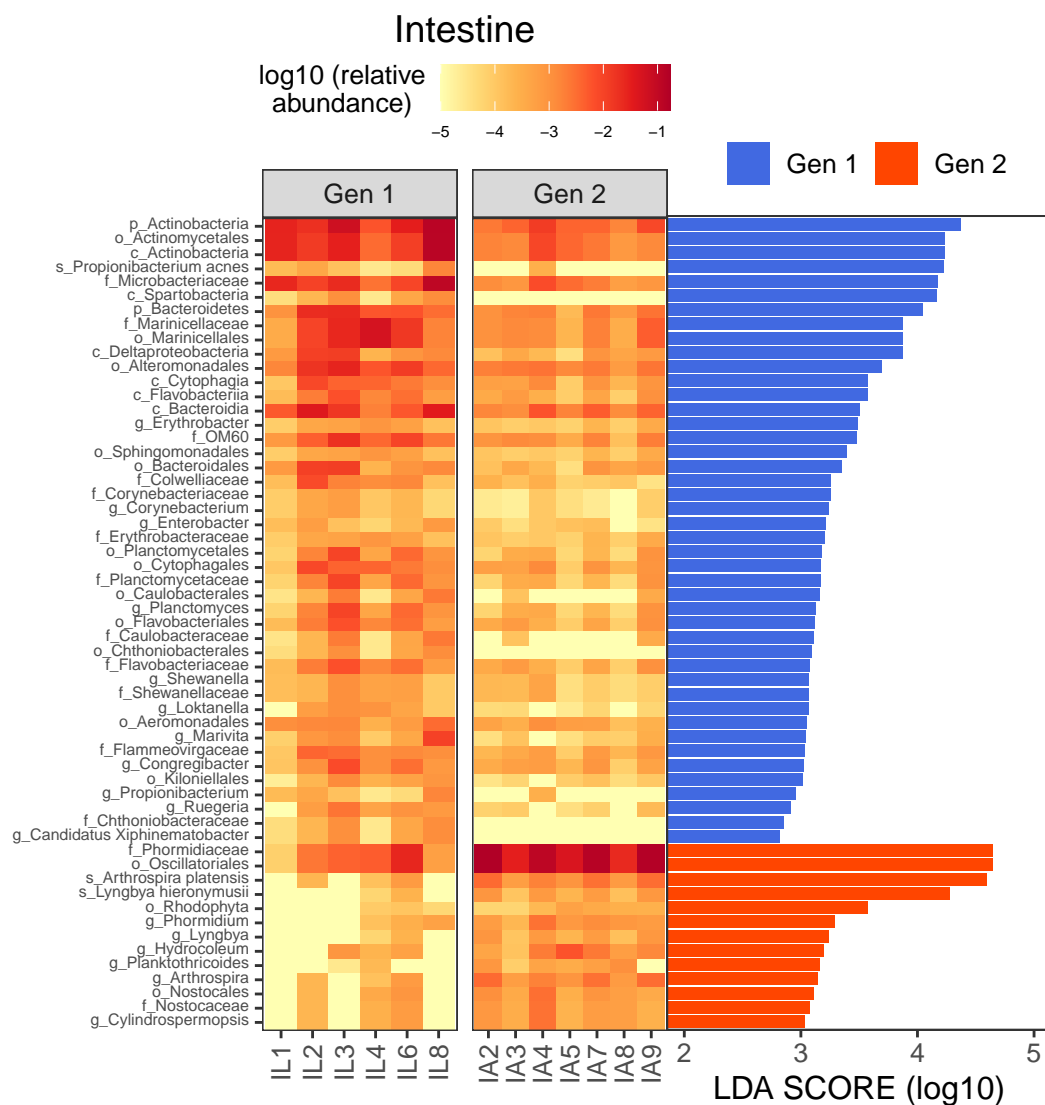


Module F: Niche breadth contrasting Genetics (Mazatlan and Lajitas only)



**Figure 3: LEfSe heatmaps and barplots**

**Module A: Intestine samples contrasting genetics**



Module B: Hepatopancreas samples contrasting genetics

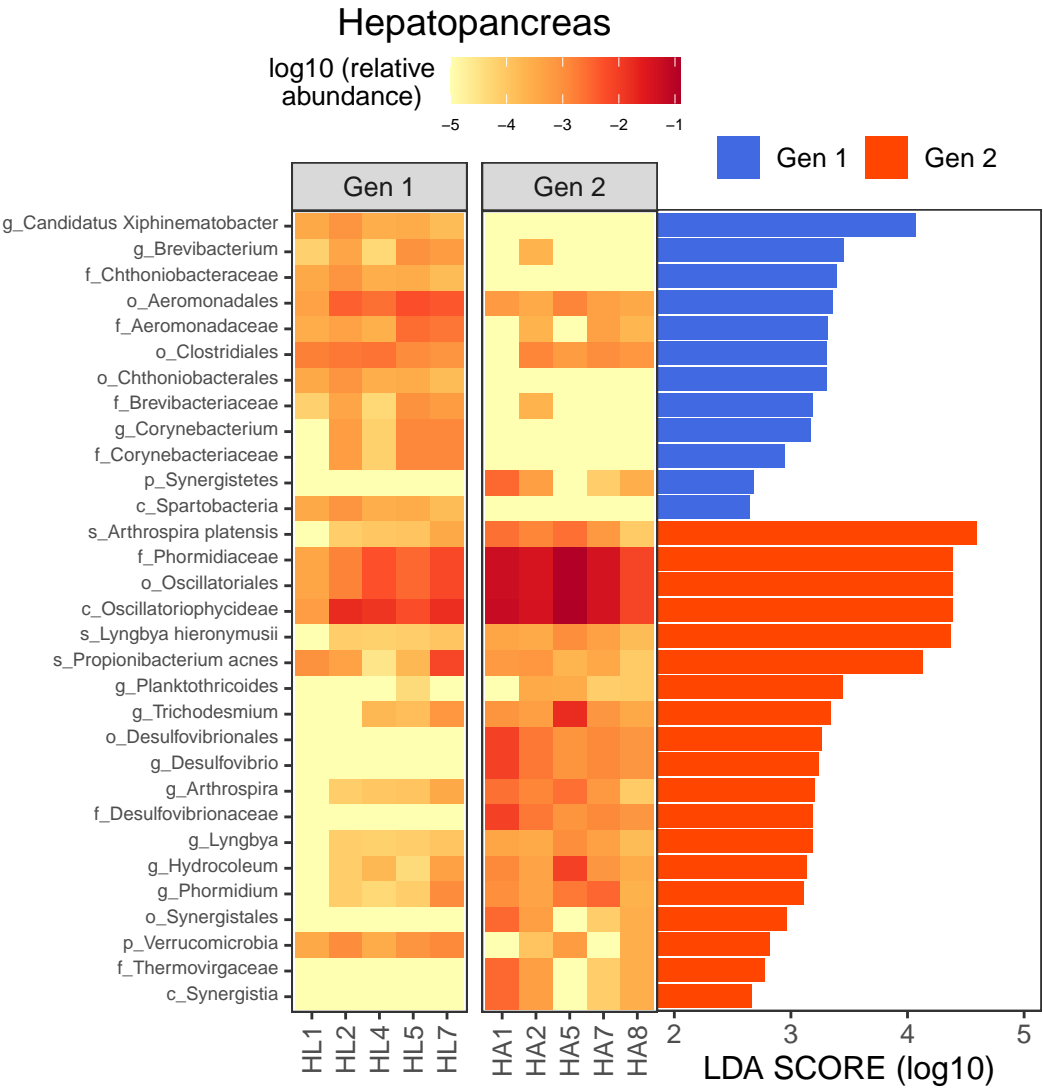
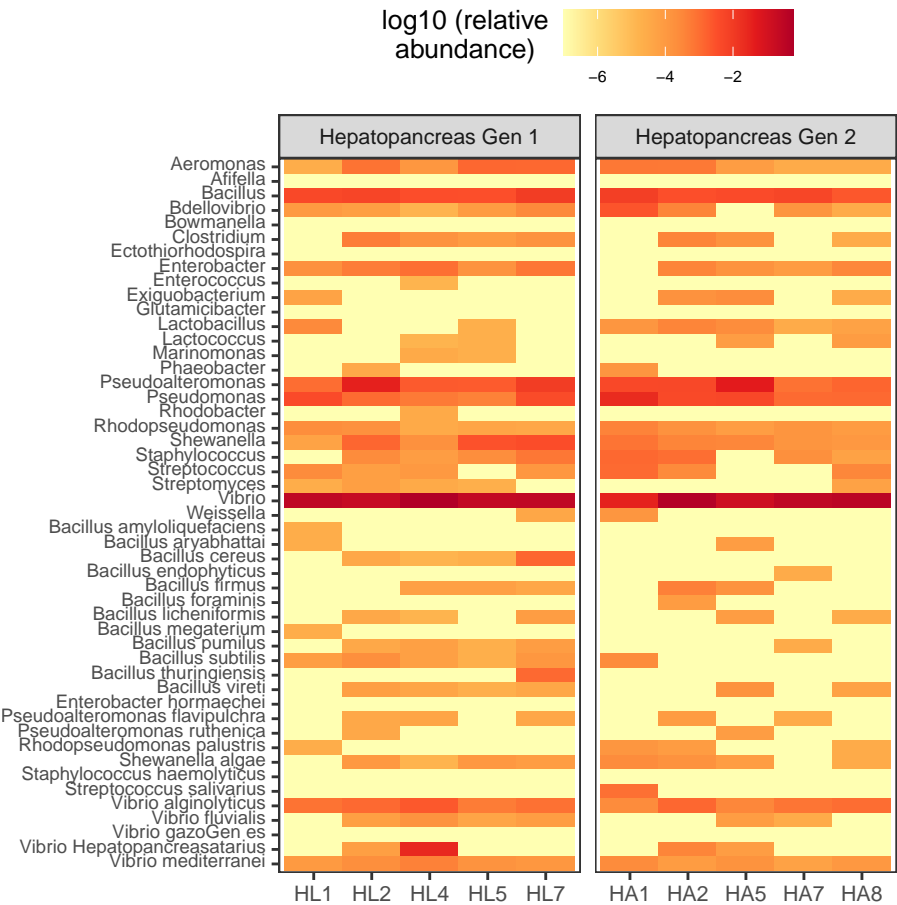
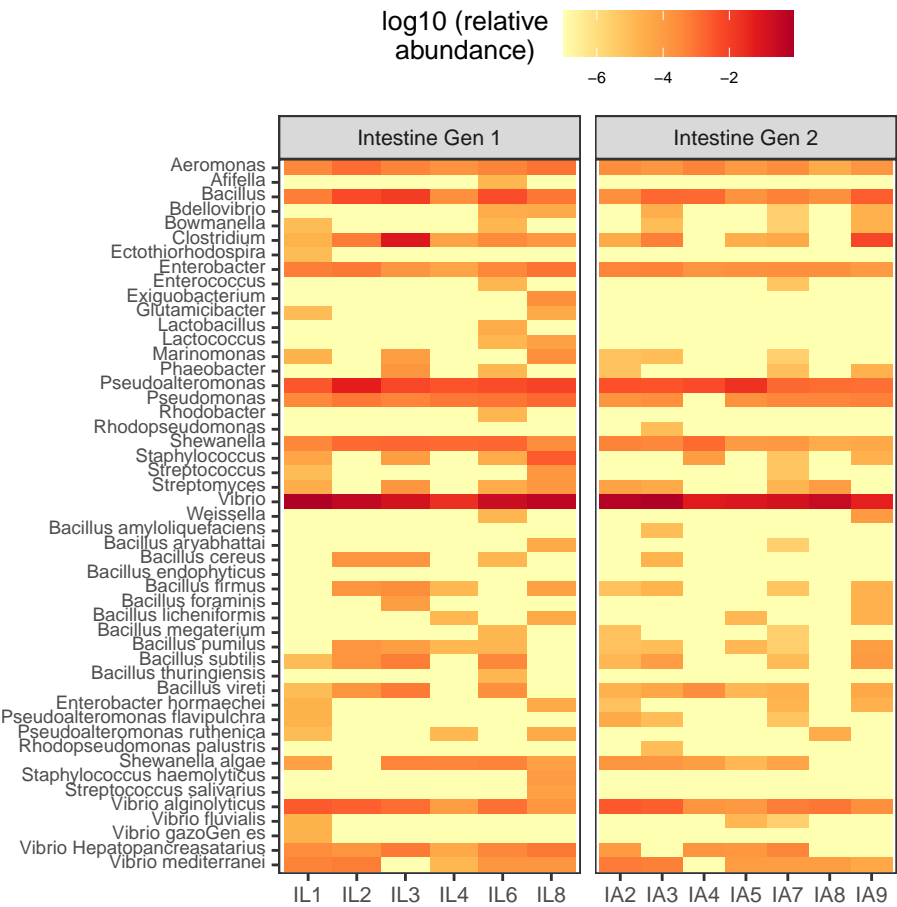


Figure 4: Heatmap probiotics

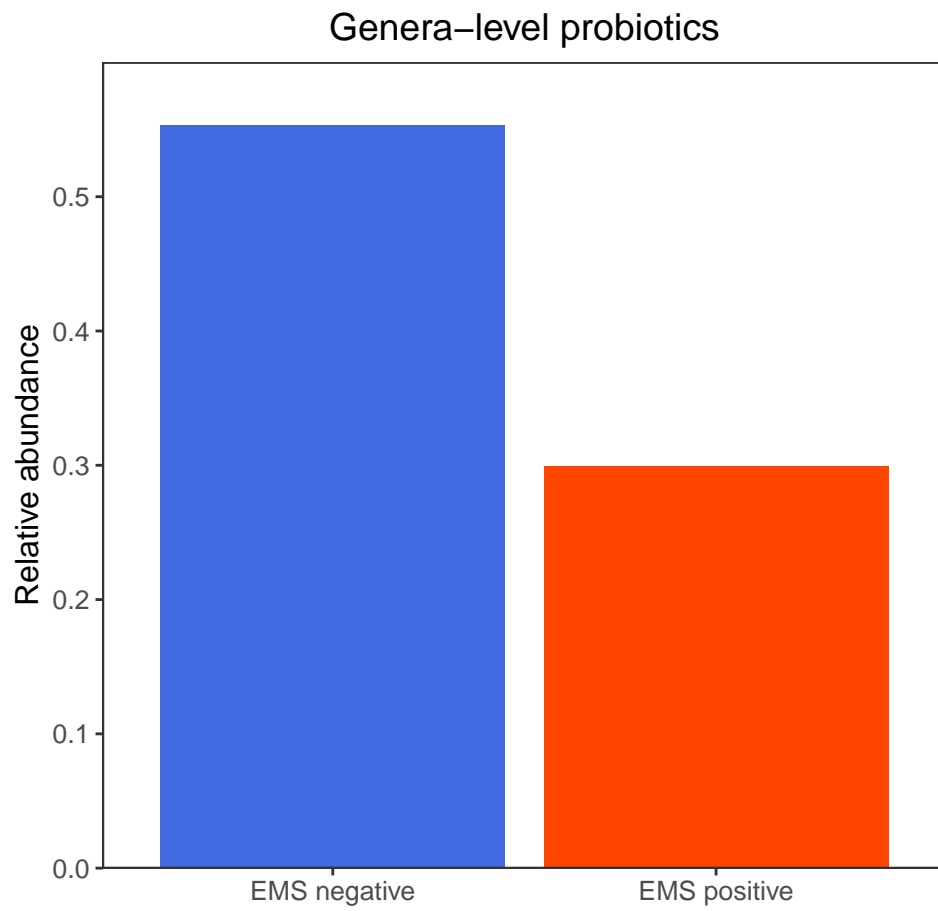
Module A: Intestine samples



Module B: Hepatopancreas samples



Module C: Barplots with probiotics genera-level.



Module C: Barplots with probiotics species-level.

