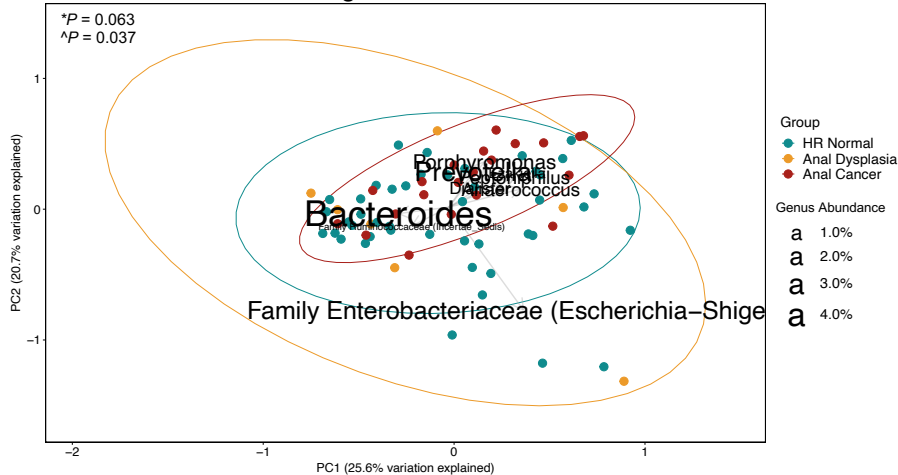
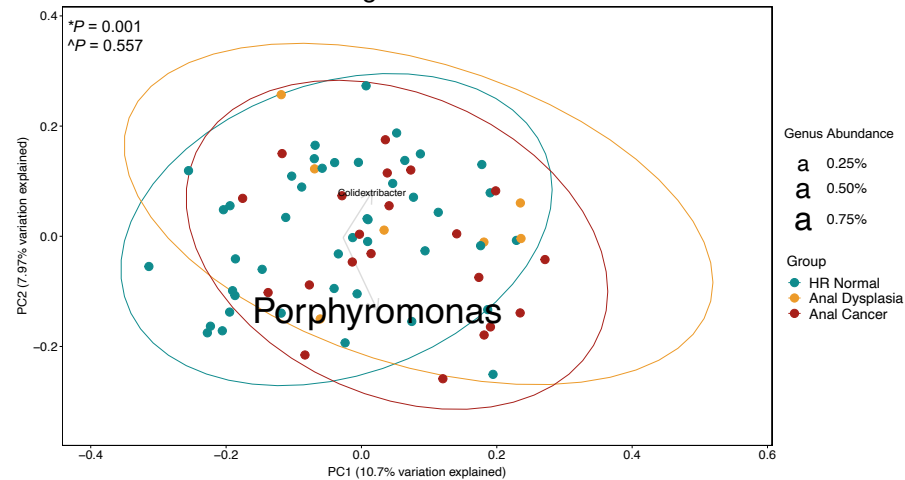


Supplemental Figure 4 – PCoA 3 way

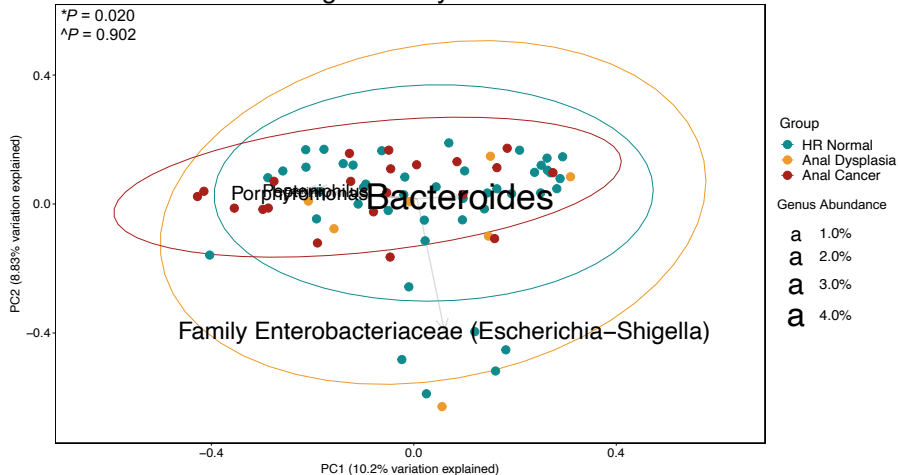
A HR Normal vs Anal Dysplasia vs Anal Cancer
Weighted UniFrac



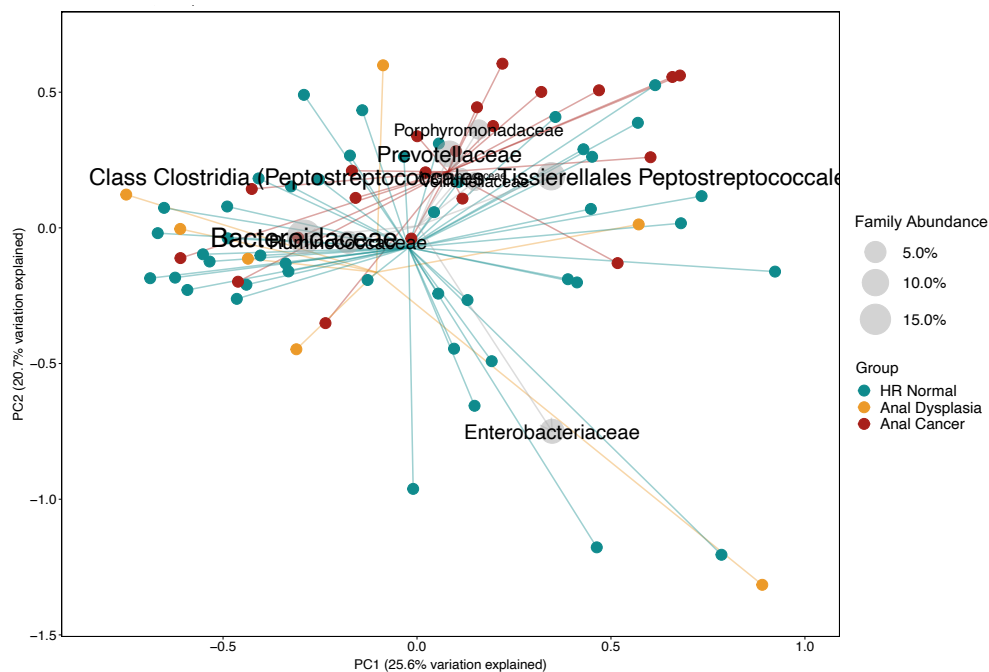
B HR Normal vs Anal Dysplasia vs Anal Cancer
Unweighted UniFrac



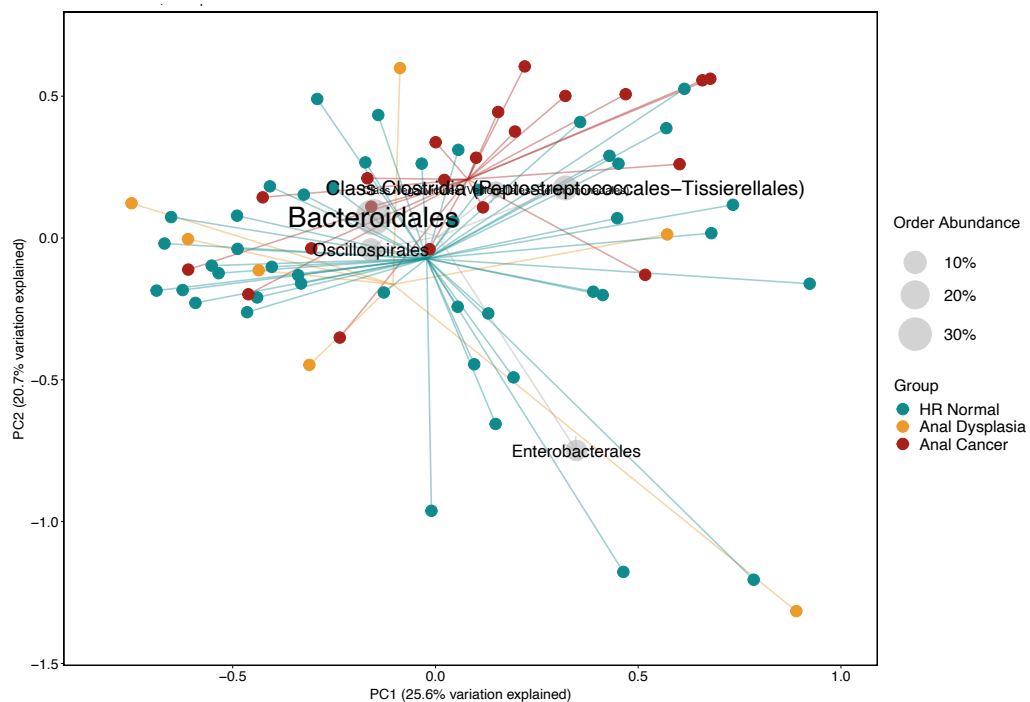
C HR Normal vs Anal Dysplasia vs Anal Cancer
Weighted Bray Curtis



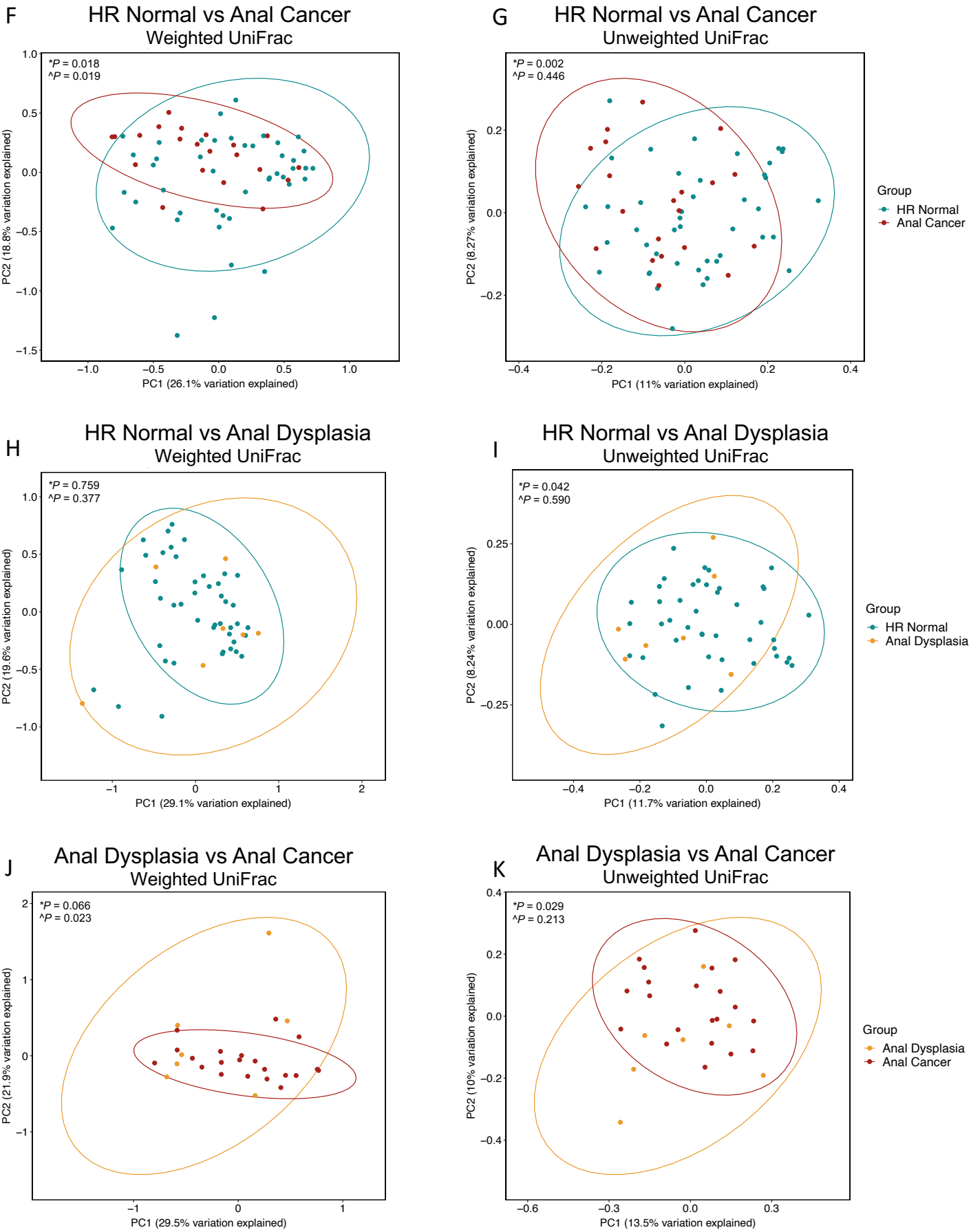
D HR Normal vs Anal Dysplasia vs Anal Cancer
Weighted UniFrac – Family Biplot



E HR Normal vs Anal Dysplasia vs Anal Cancer
Weighted UniFrac – Order Biplot



Supplemental Figure 4 – PCoAs pairwise UniFrac



Supplemental Figure 4 – PCoAs Pairwise Bray Curtis

