

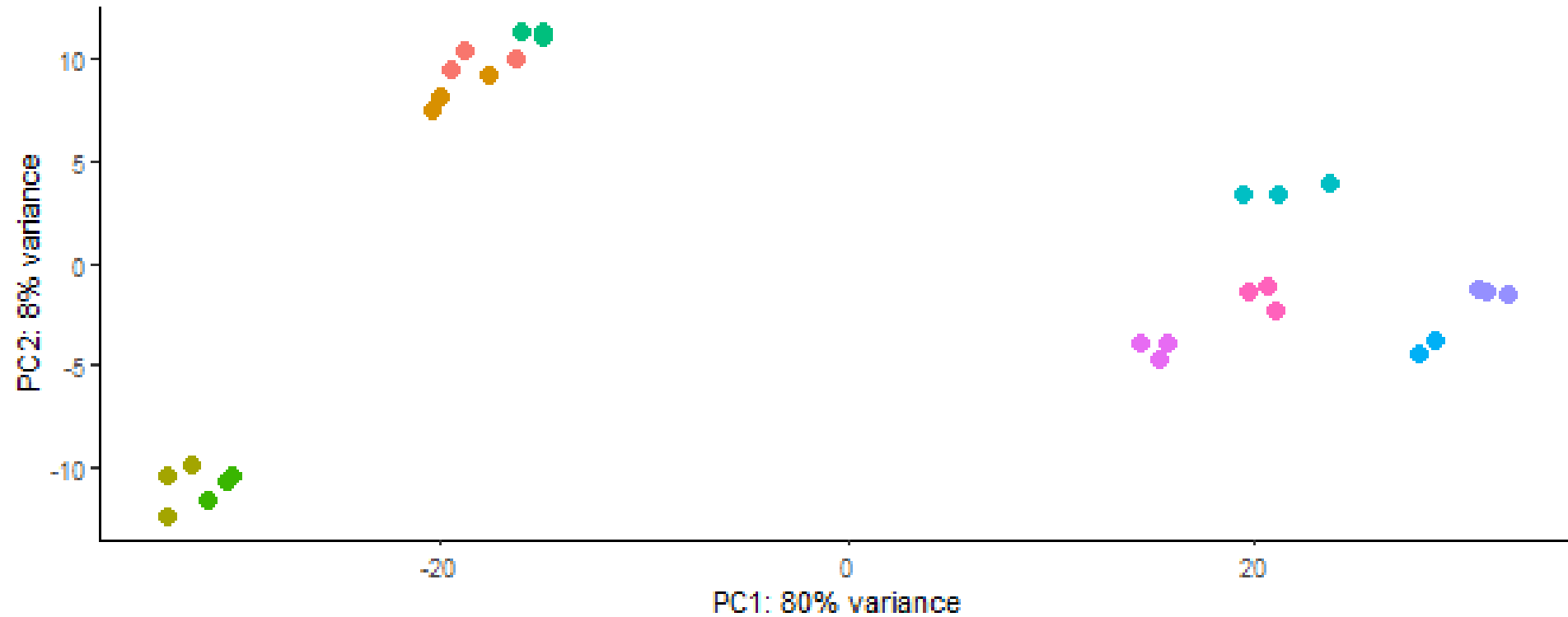
Data Visualization Menu

EICC Spring 2020

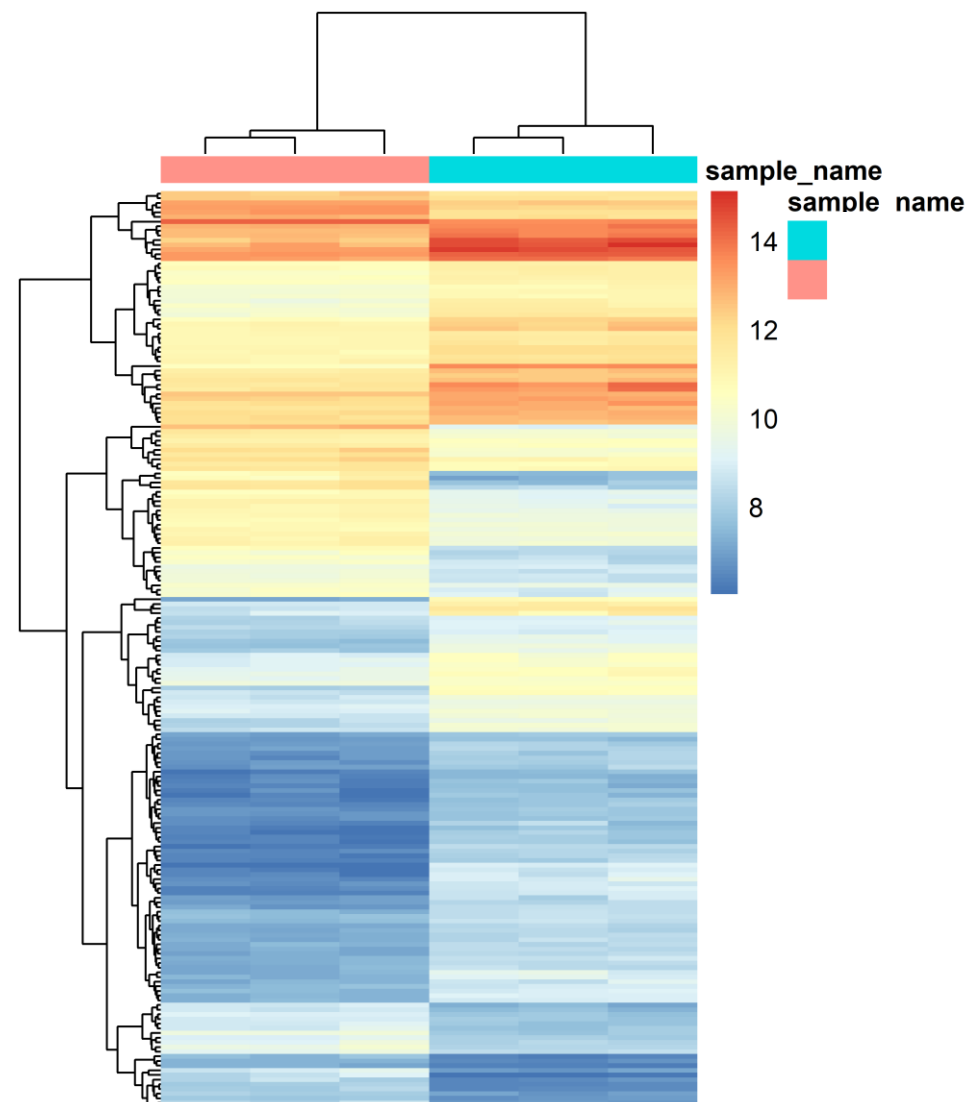
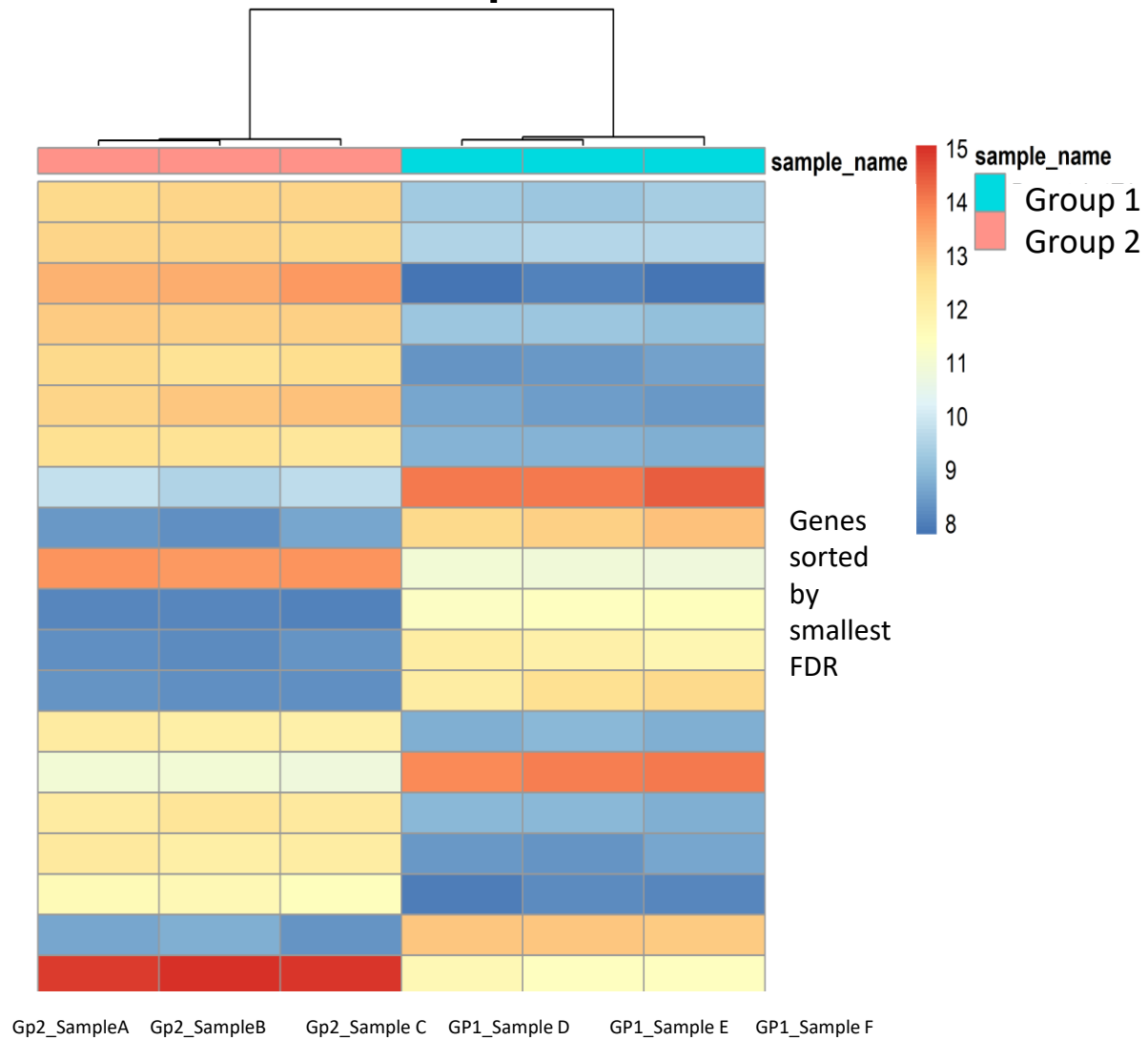
RNA Seq (bulk) analysis

- Principal Components Analysis plot
- Heat map
- Volcano plot
- Gene-specific dot plot
- Venn Diagram

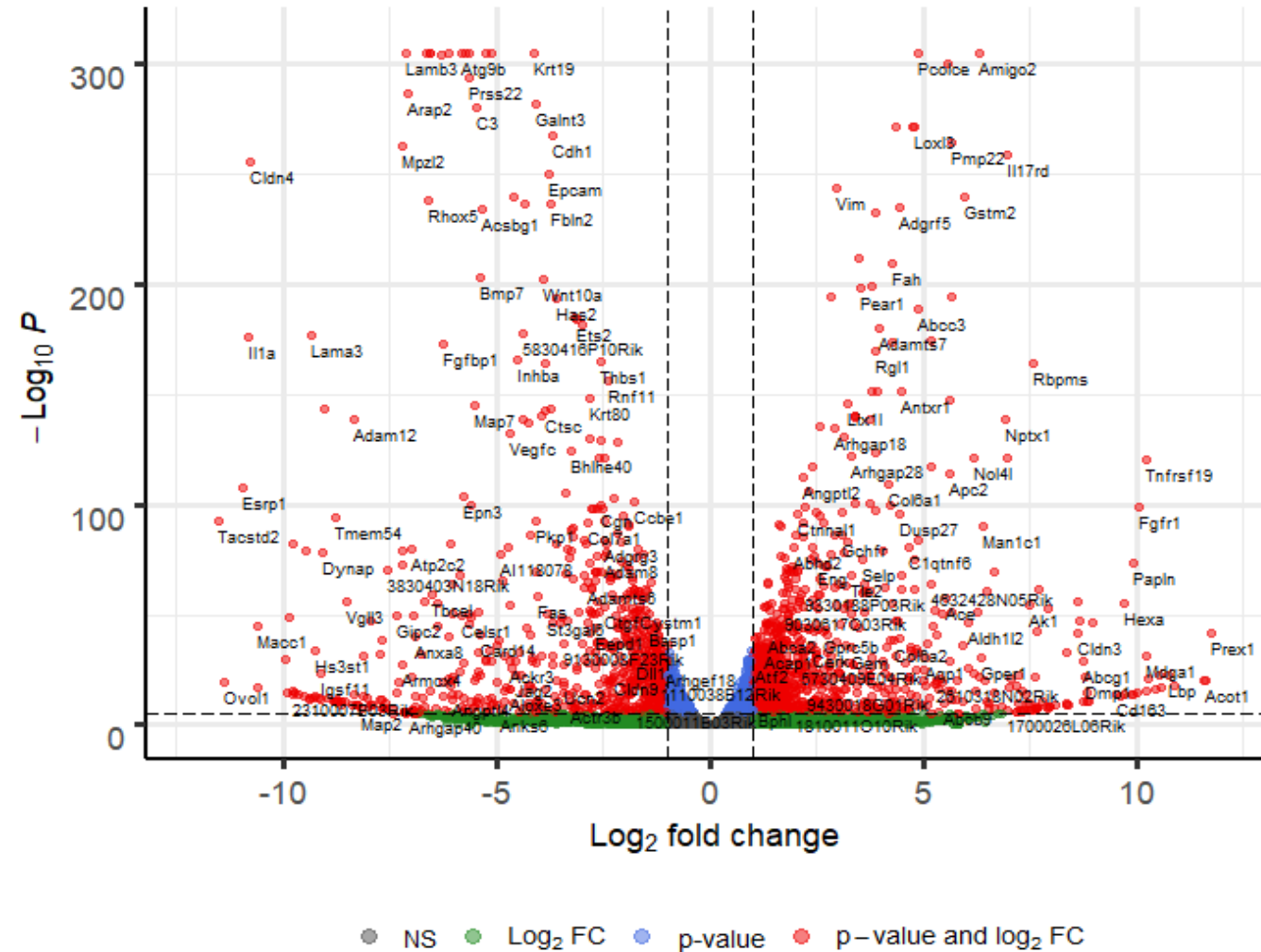
Principal Components Analysis plot



Heat map

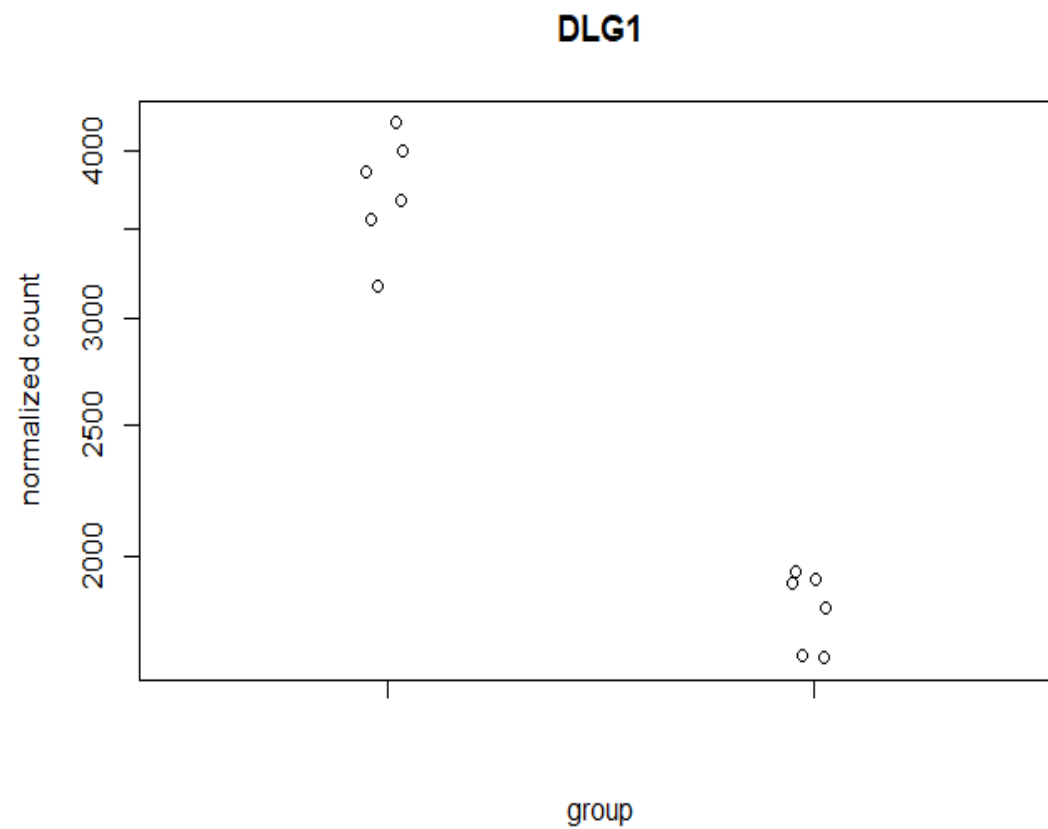
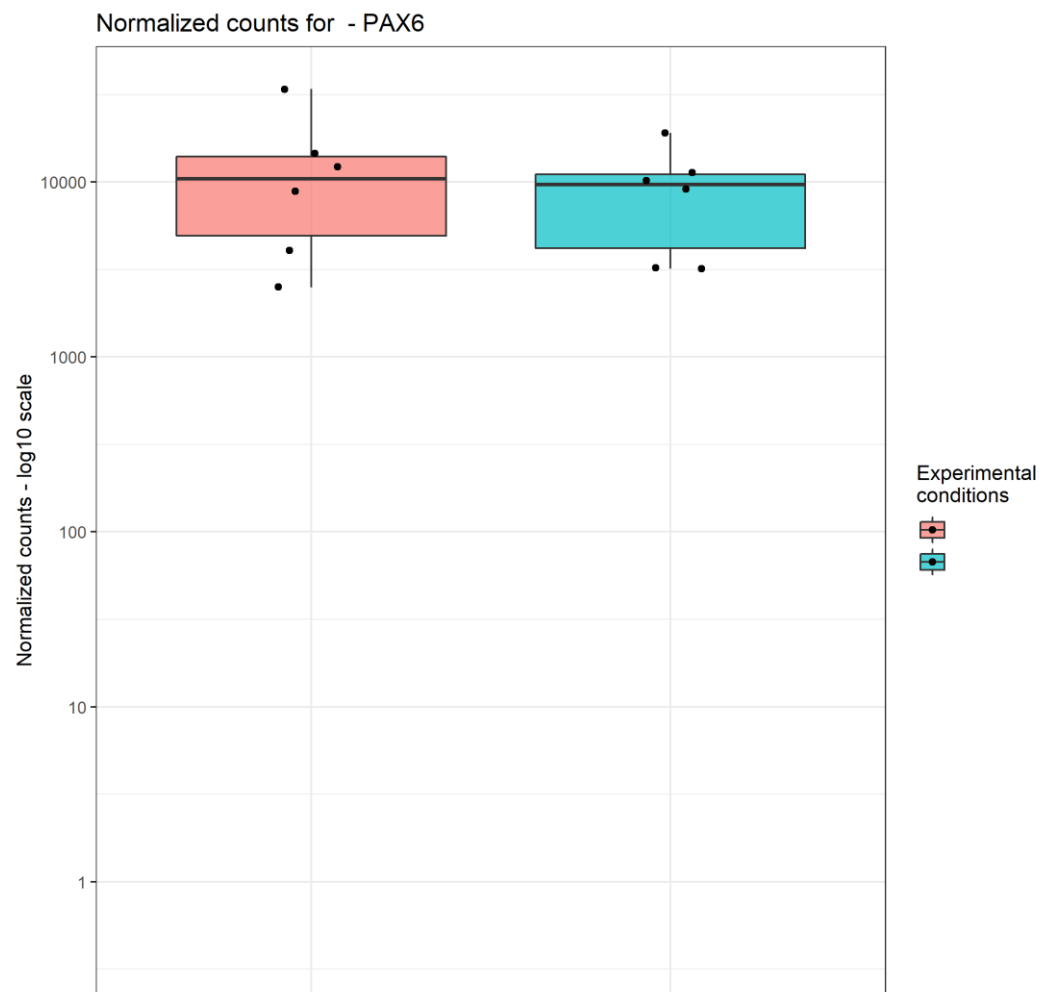


Volcano plot

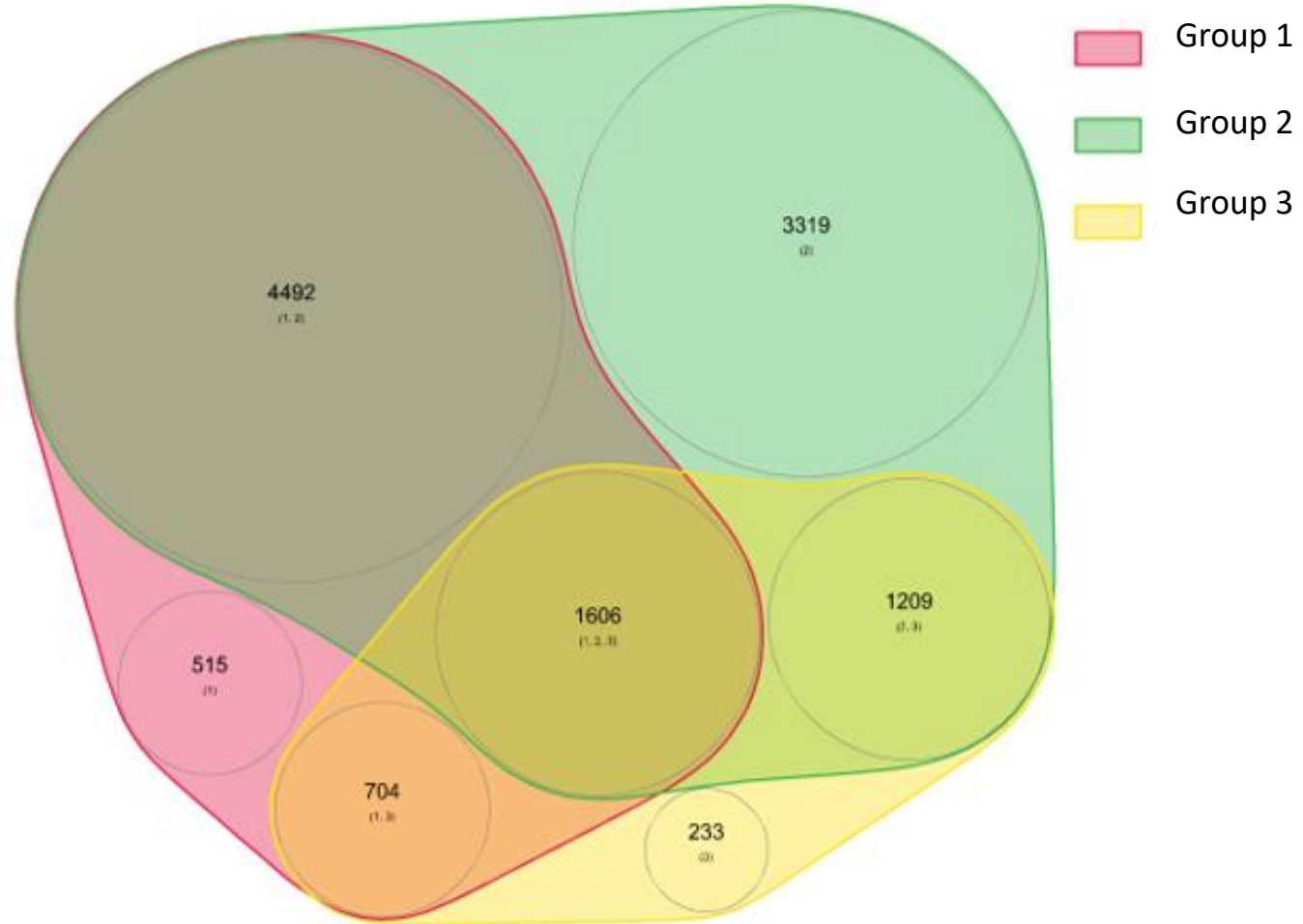


Total = 24421 variables

Gene-specific plots



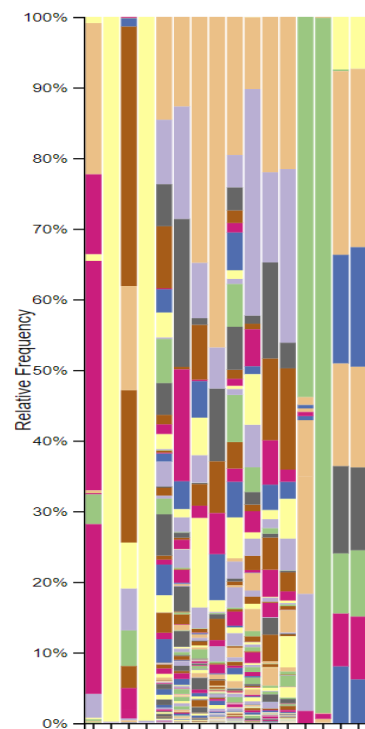
Venn Diagram



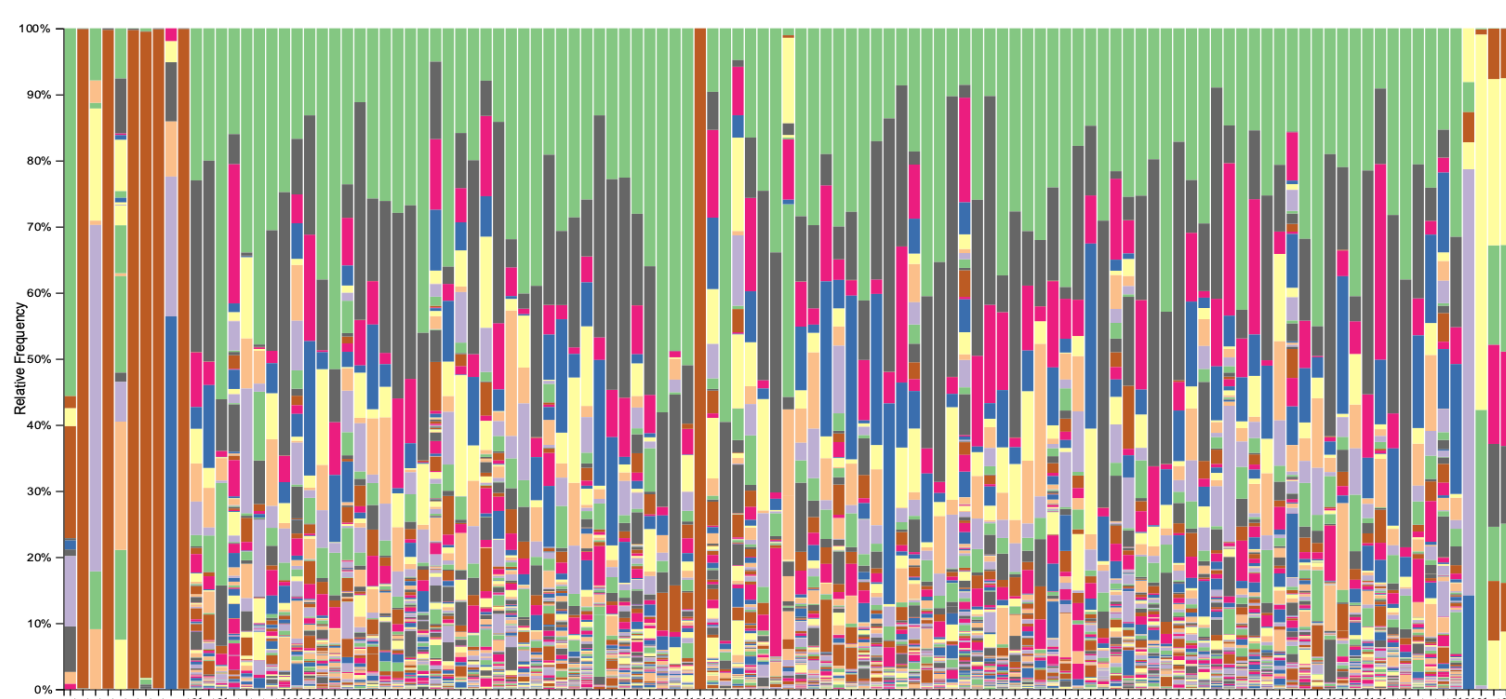
16s Microbiome analysis

- Taxonomic bar plot (QIIME2)
- Taxonomic bar plot (phyloseq)
- Alpha Diversity plot
- Beta Diversity Principal Coordinates Analysis plot
- Taxa level-specific bar plot (phyloseq)
- ASV-specific box plot
- Principal Components Analysis plot (LDM)

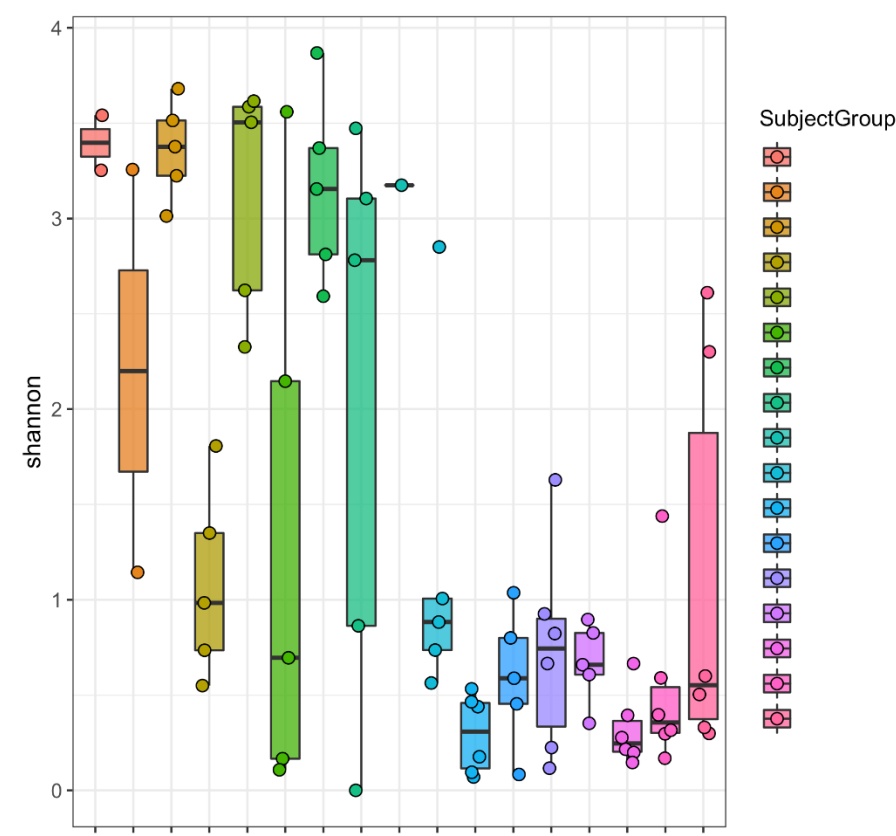
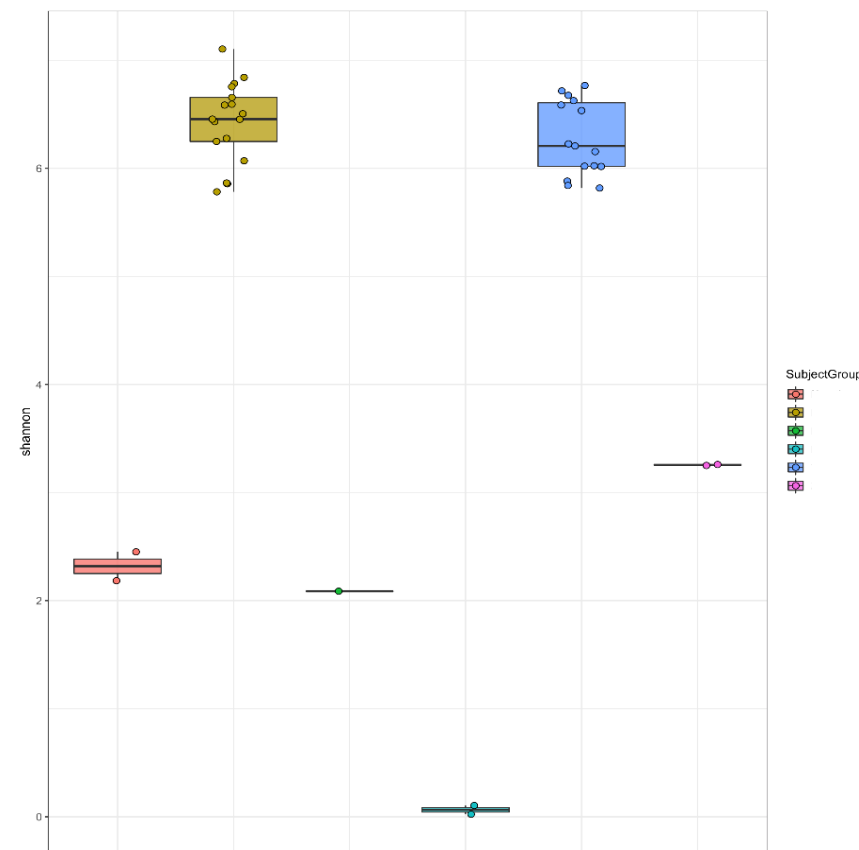
Taxonomic bar plot (QIIME2)



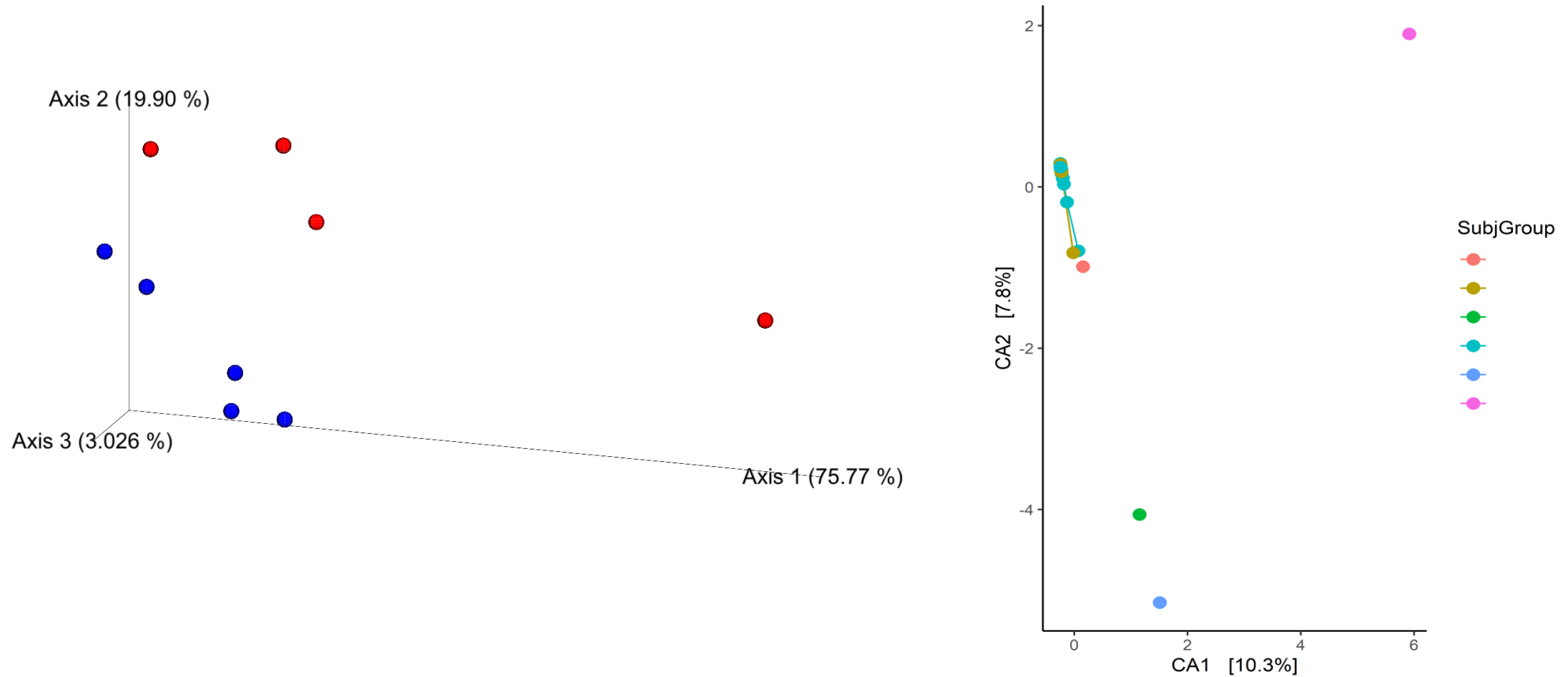
Sample



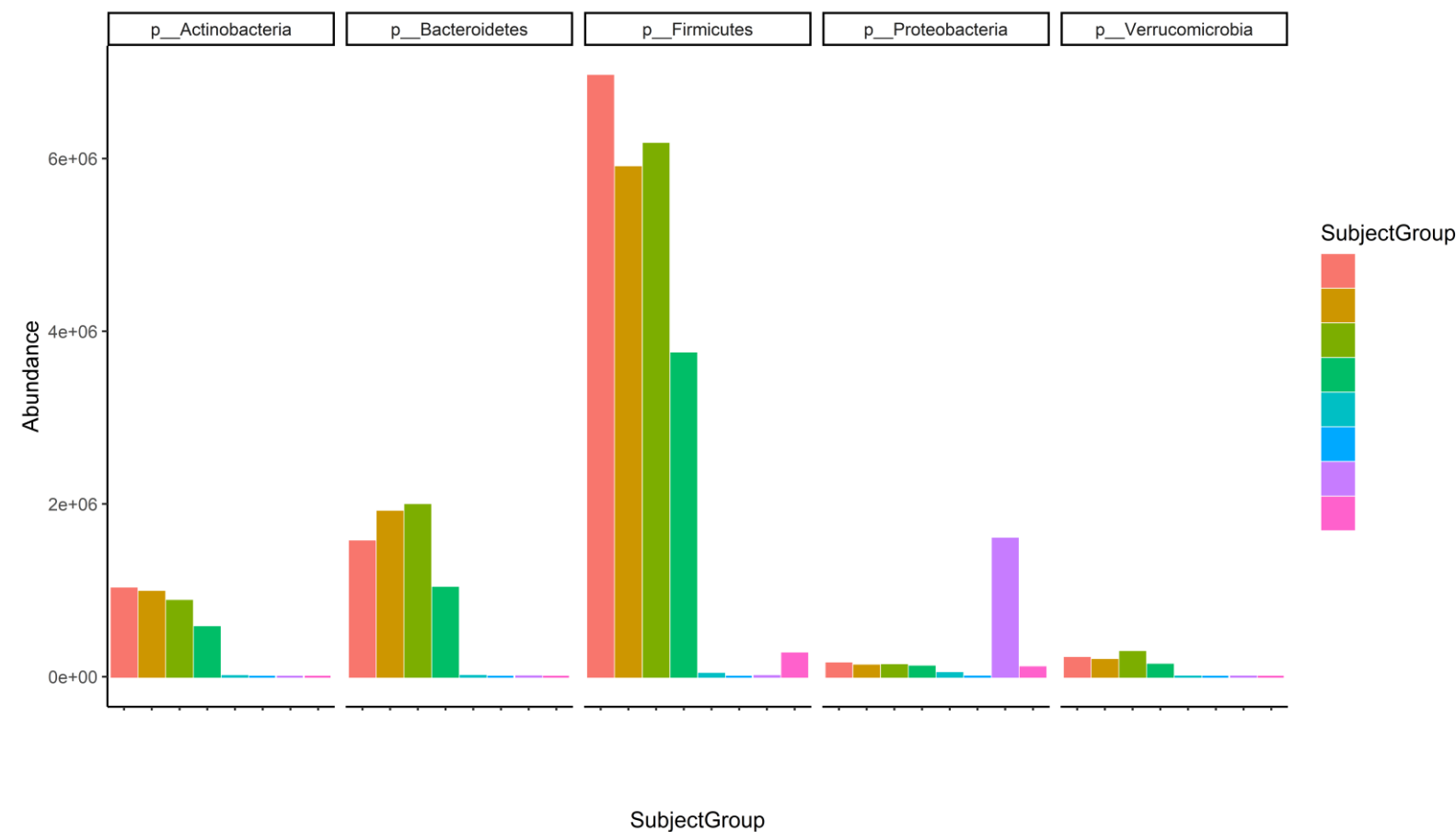
Alpha Diversity plot (phyloseq)



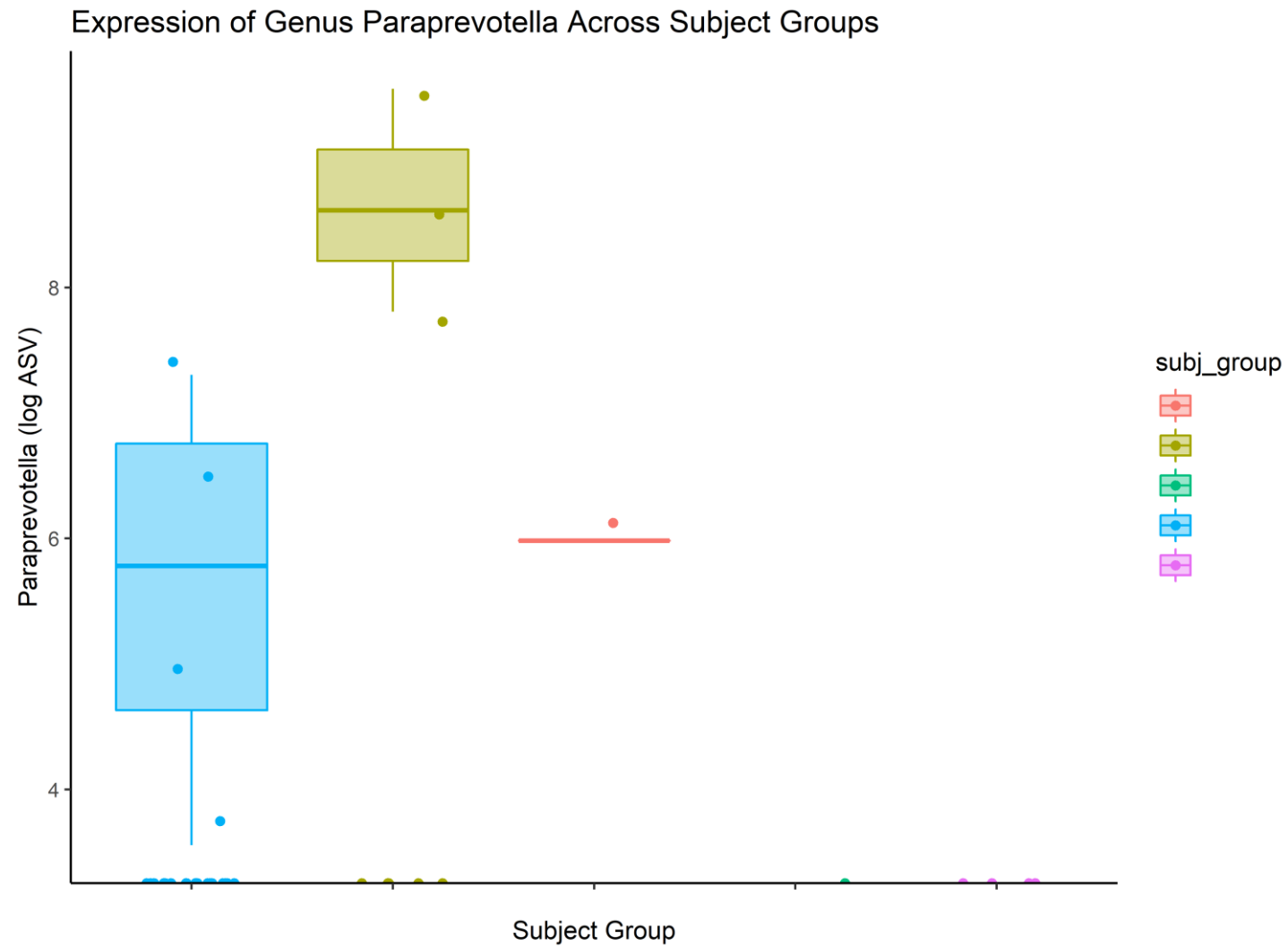
Beta Diversity Principal Coordinates Analysis plot (QIIME2)



Taxa level-specific bar plot (phyloseq)



ASV-specific box plot



Principal Components Analysis plot (LDM)

