

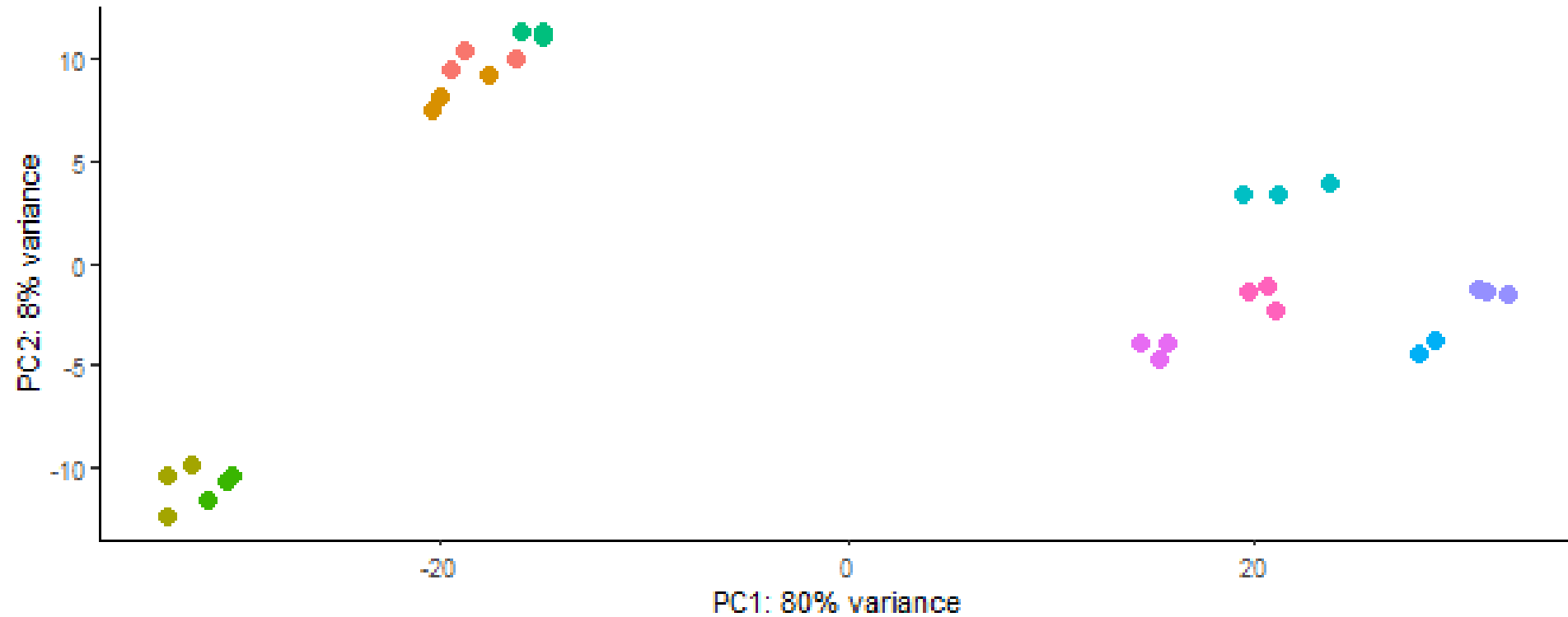
# Data Visualization Menu

EICC Spring 2020

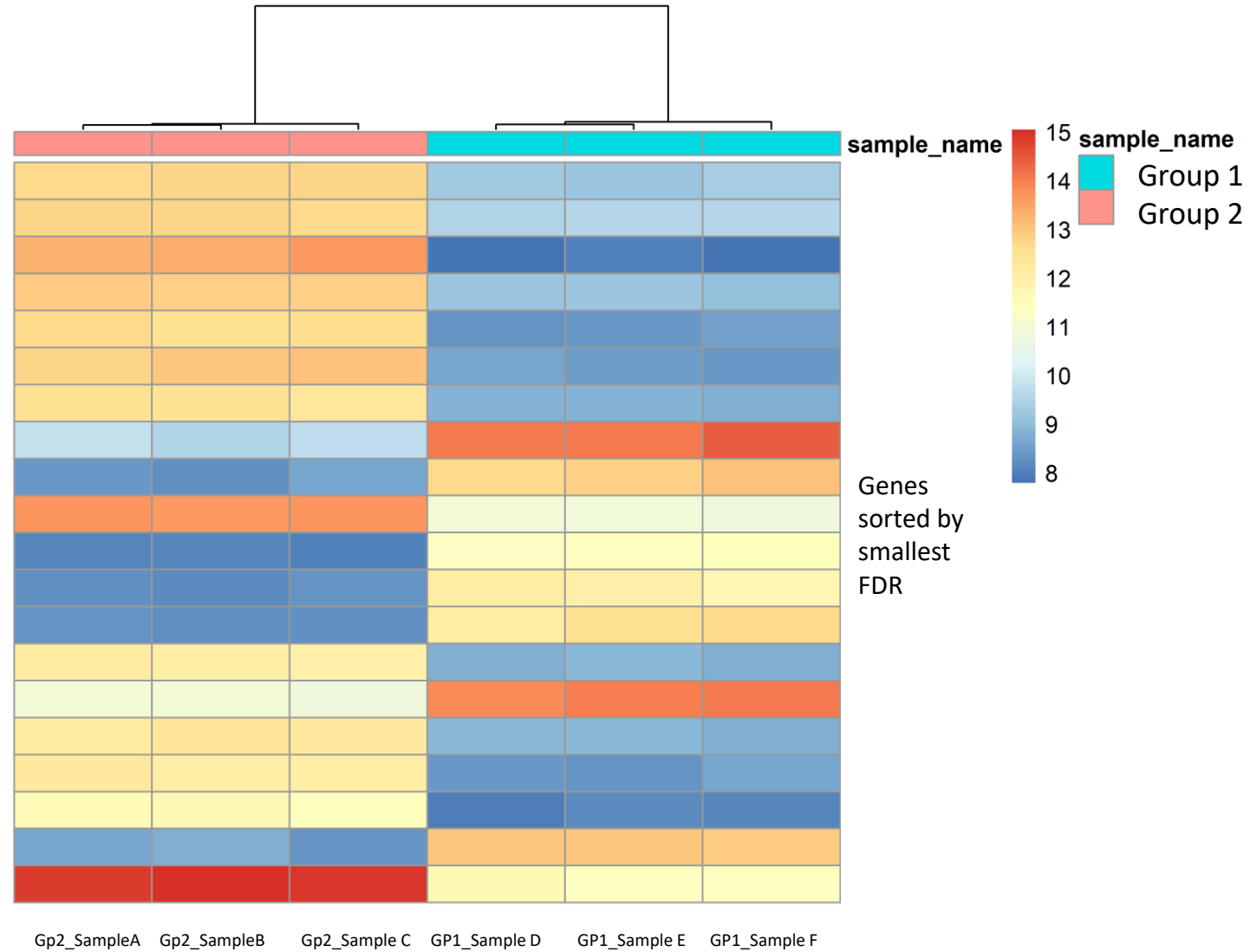
# RNA Seq (bulk) analysis

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

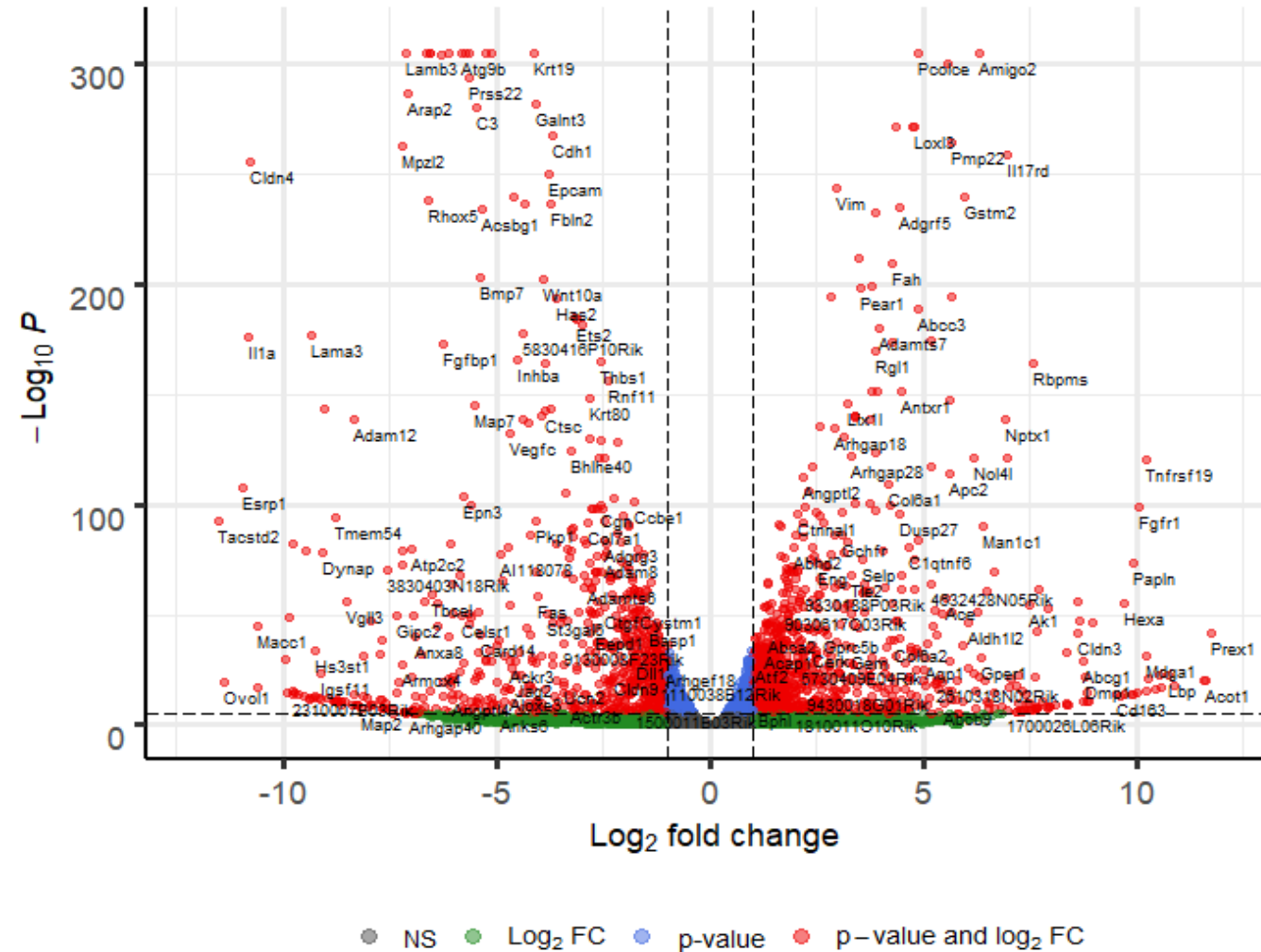
# Principal Components Analysis plot



# Heat map

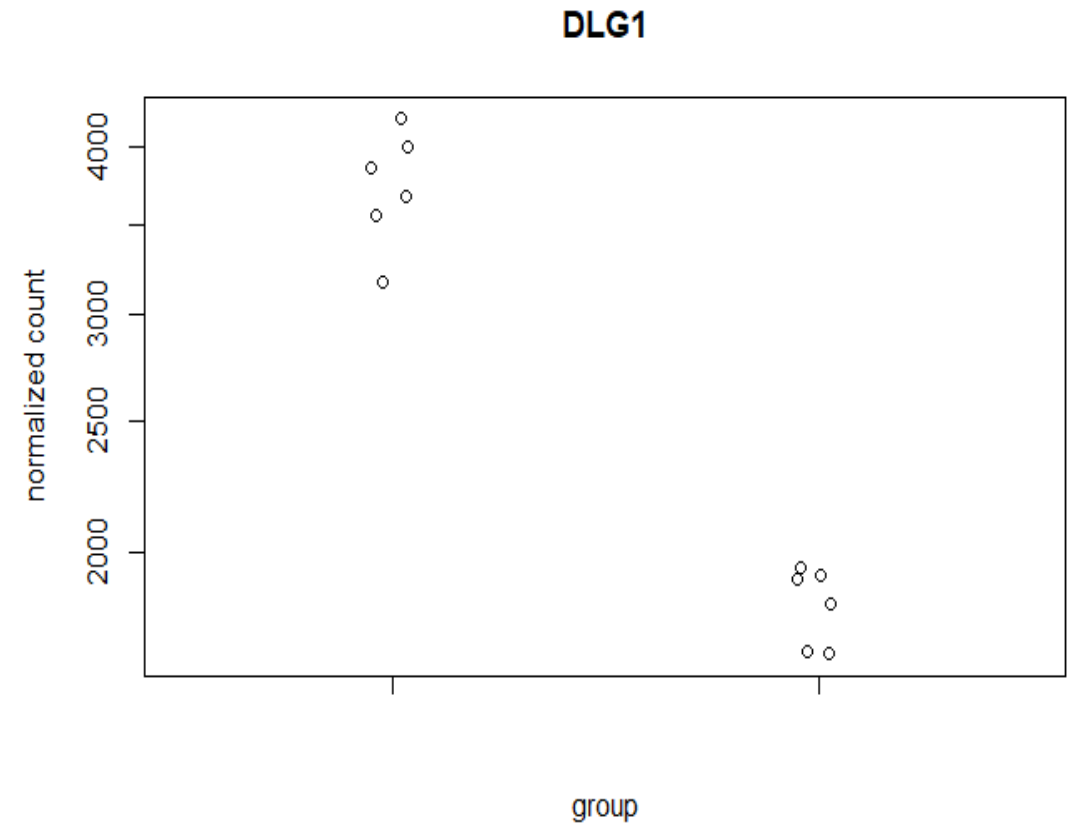
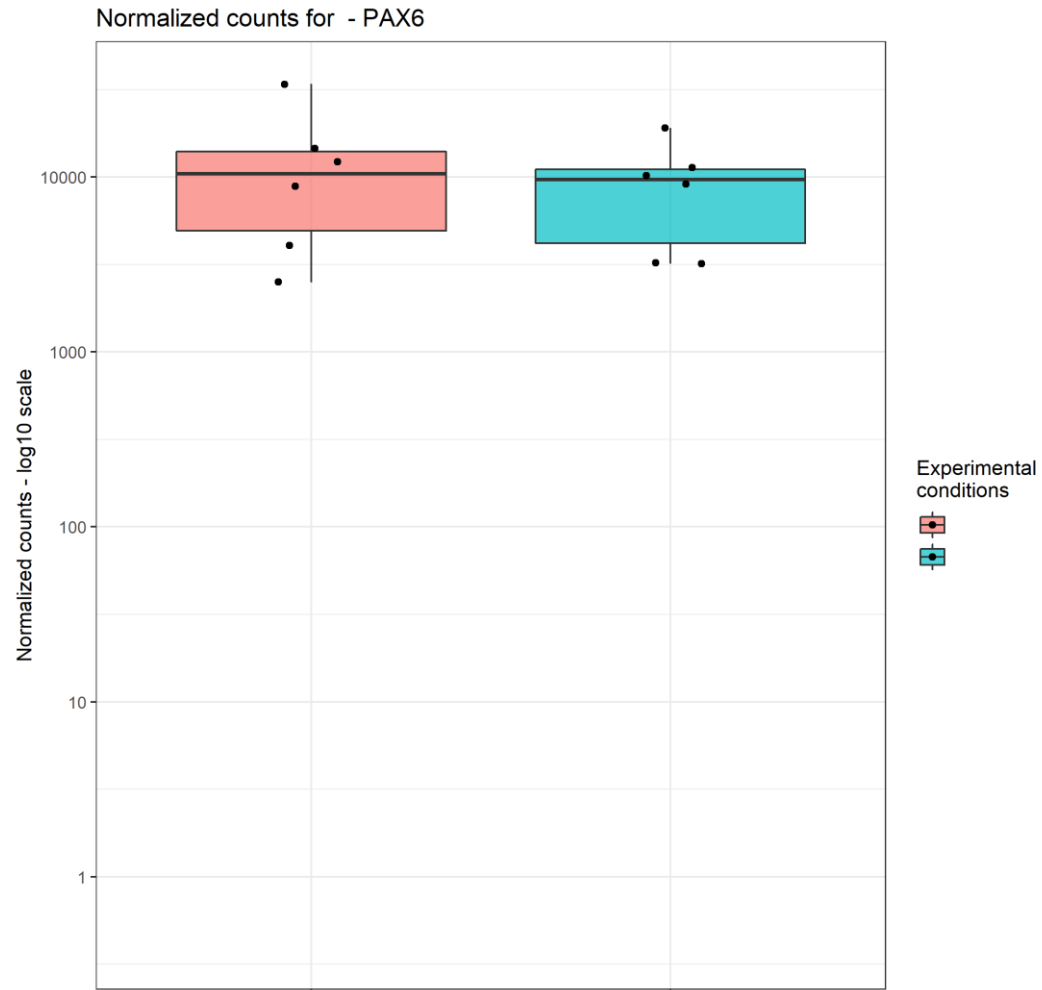


# Volcano plot

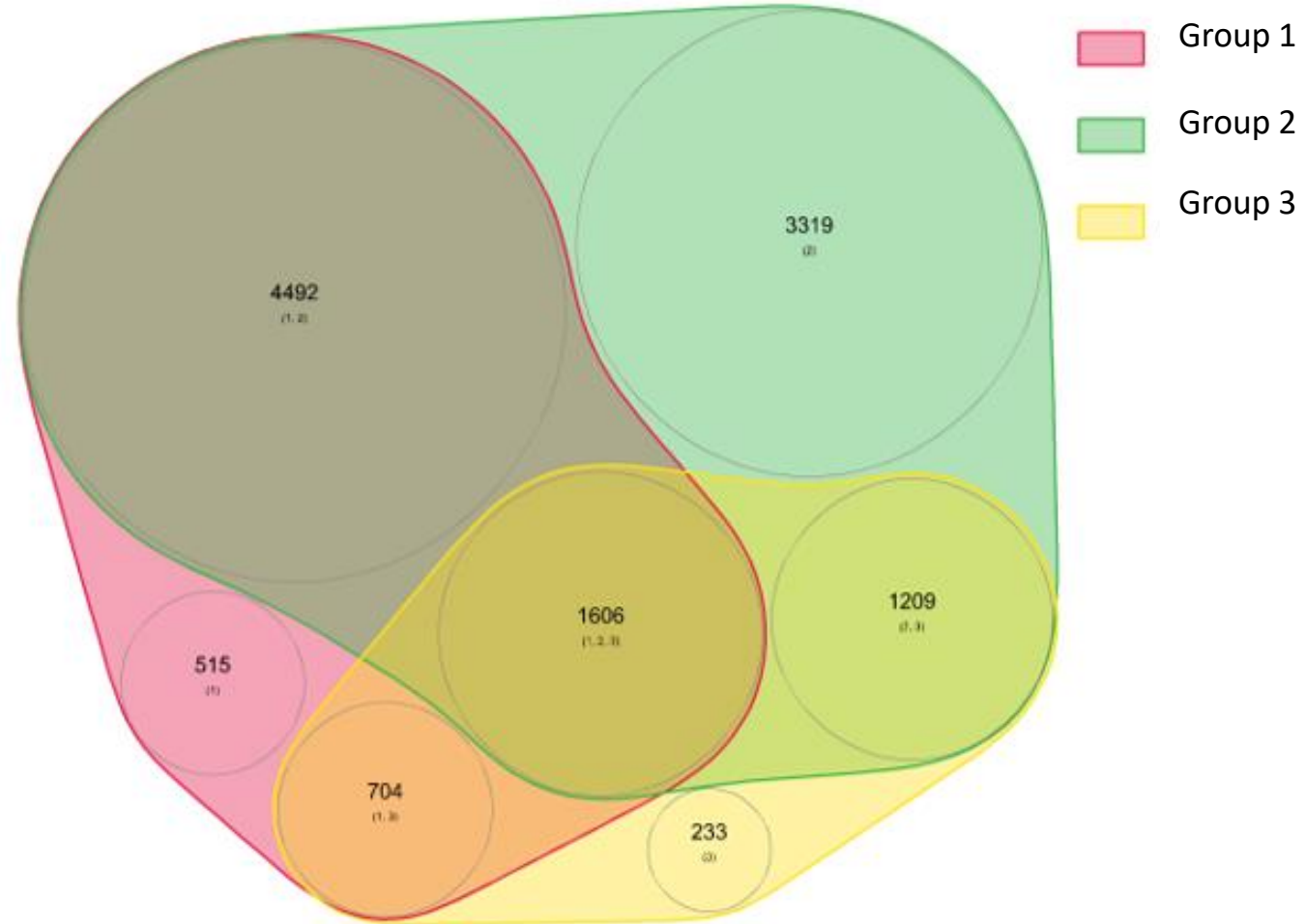


Total = 24421 variables

# Gene-specific dot plot



# Venn Diagram

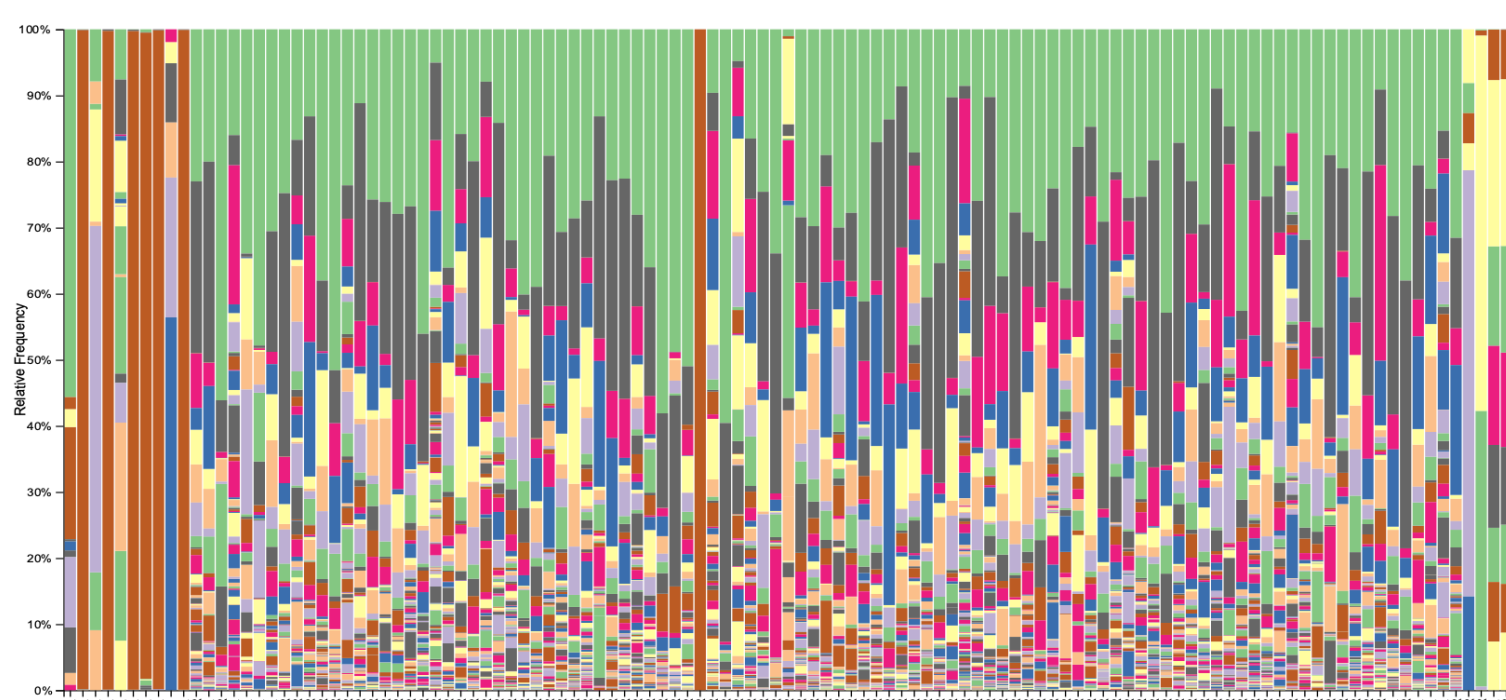
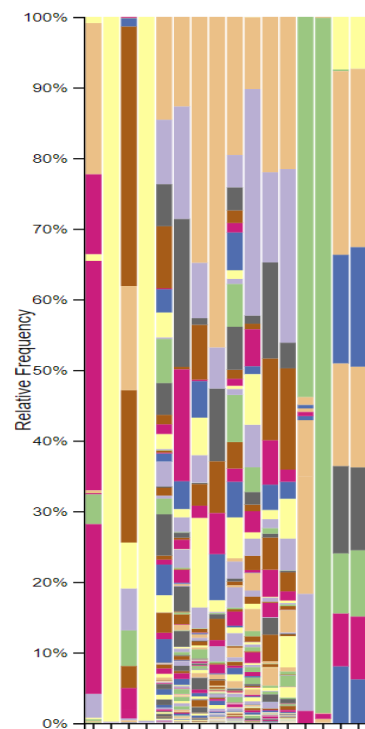


# 16s Microbiome analysis

- 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)

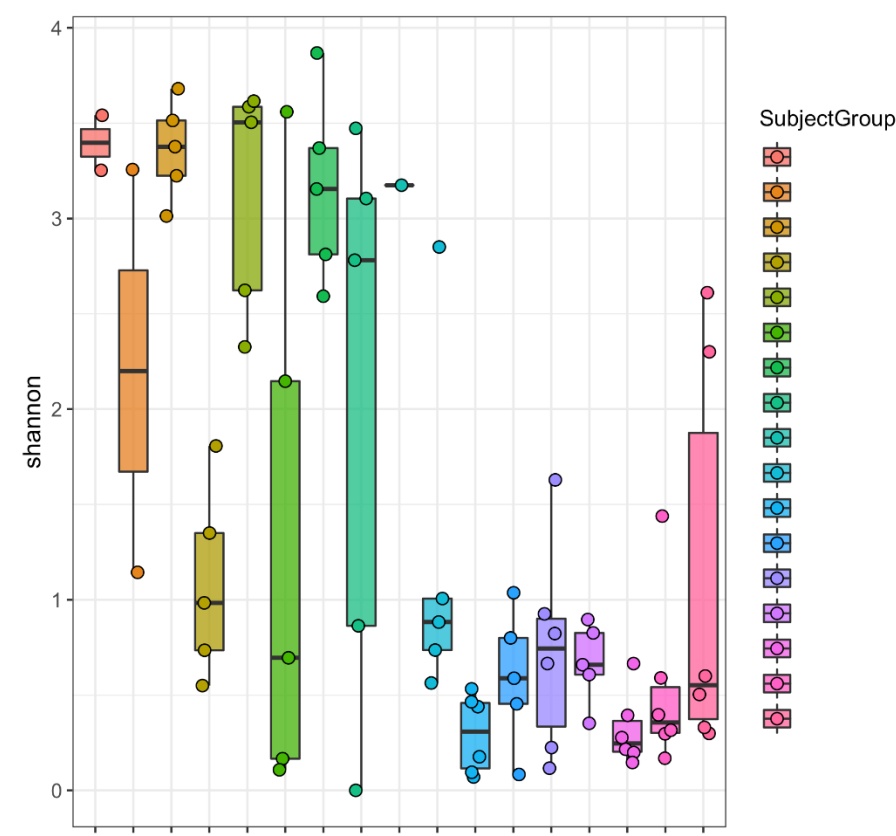
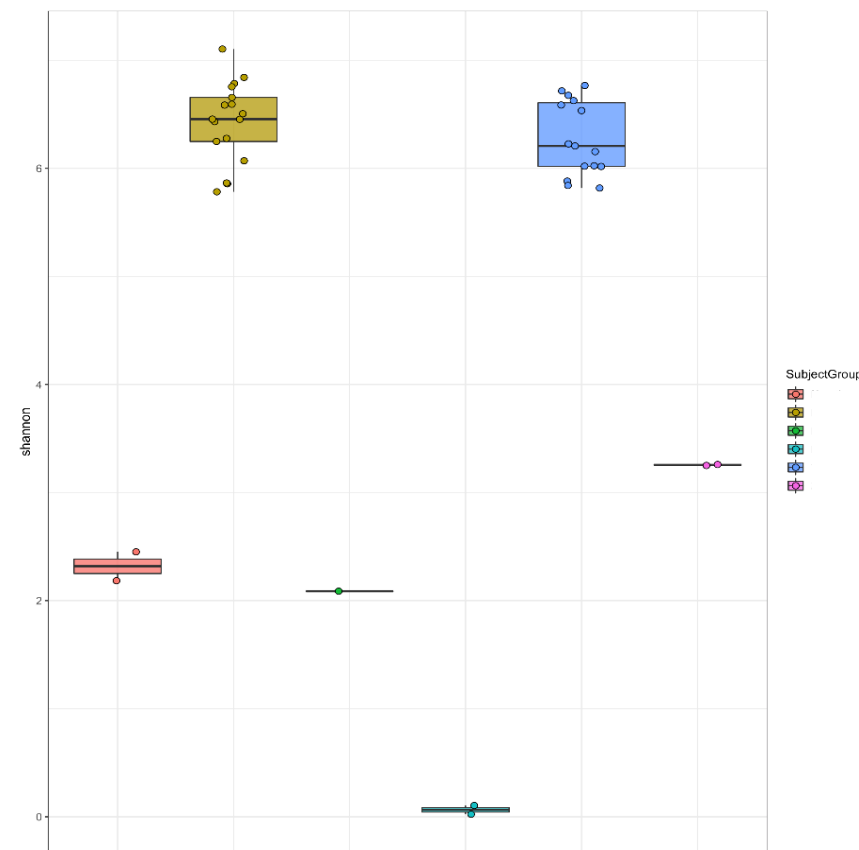


# Taxonomic bar plot (QIIME2)

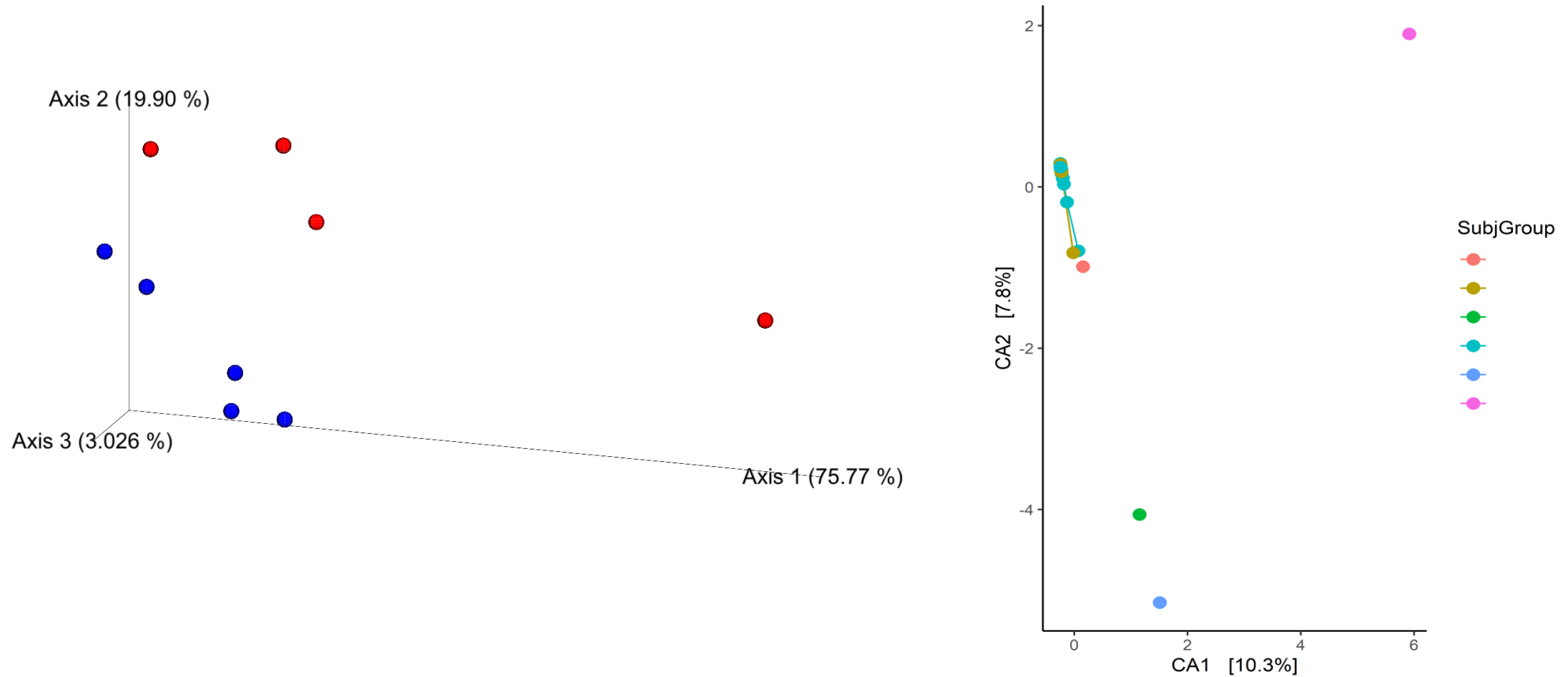


Sample

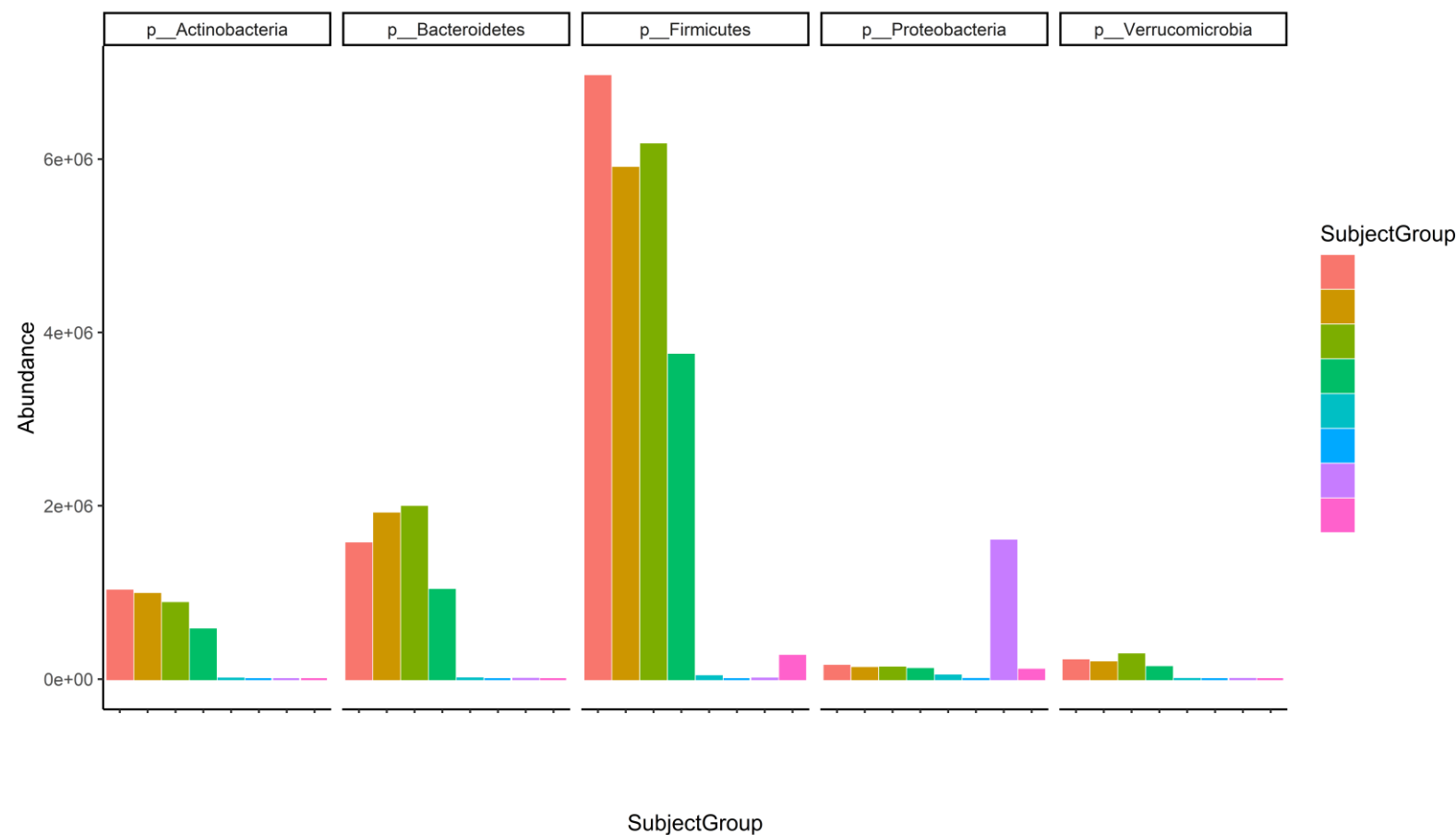
# Alpha Diversity plot (phyloseq)



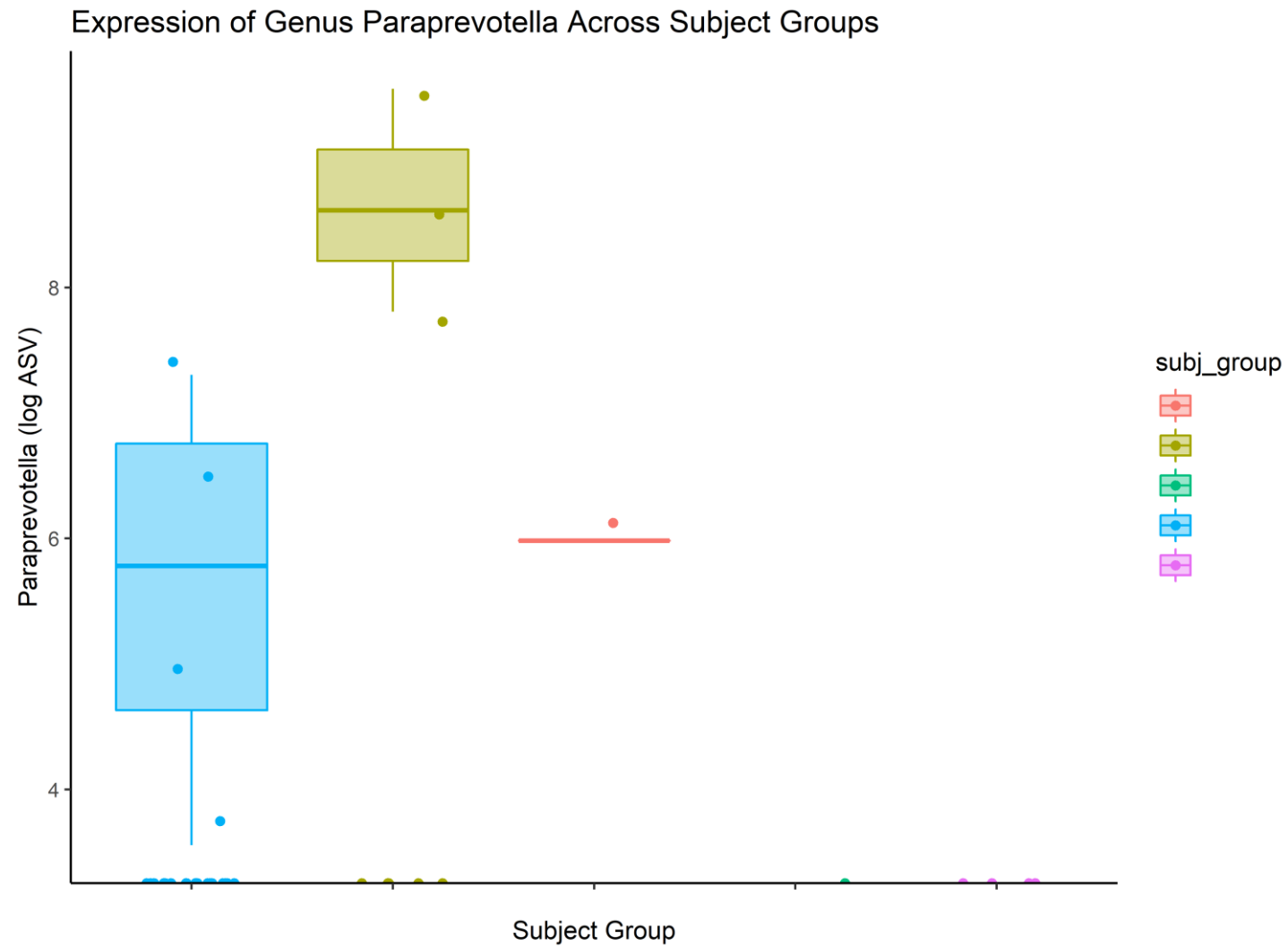
# Beta Diversity Principal Coordinates Analysis plot (QIIME2)



# Taxa level-specific bar plot (phyloseq)



# ASV-specific box plot



# Principal Components Analysis plot (LDM)

