PCoA in R

## Principal Coordinates Analysis

Now we can use the function pcoa() from the R package ape to actually calculate our principal coordinate vectors. To make plotting easier, we save the vectors as a data frame, set up new column titles, and add a column of sample IDs.

# This is example Code in R  
# If you look at the PCOA table, you'll see the column names are the 'axes'   
# and the row names are sample IDs. We want them to be labeled "PC"   
# instead of "axis"  
  
# We will make a vector with place holders  
new\_names <- rep("", ncol(PCOA))  
PCOA <- merge(PCOA, metadata, by = "SampleID")

# 

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