Alpha Diversity Method 4

Sum up the length of all branches in phylogenetic

Faith's Phylogenetic Diversity (PD_whole_tree)

- tree
- If a species is close to another species...
- If a species if far from any species in the tree...

Questions that can be addressed with alpha diversity:

How many taxa are in a sample? What is the richness of my sample?

Have I sequenced to a depth (coverage) that describes the diversity of my sample?

Does condition X have higher phylogenetic diversity than condition Y?

Alpha Diversity Method 4

- Faith's Phylogenetic Diversity (PD_whole_tree)
- Sum up the length of all branches in phylogenetic tree
- If a species is close to another species...
- If a species if far from any species in the tree...