

Beta Diversity: Uniformity

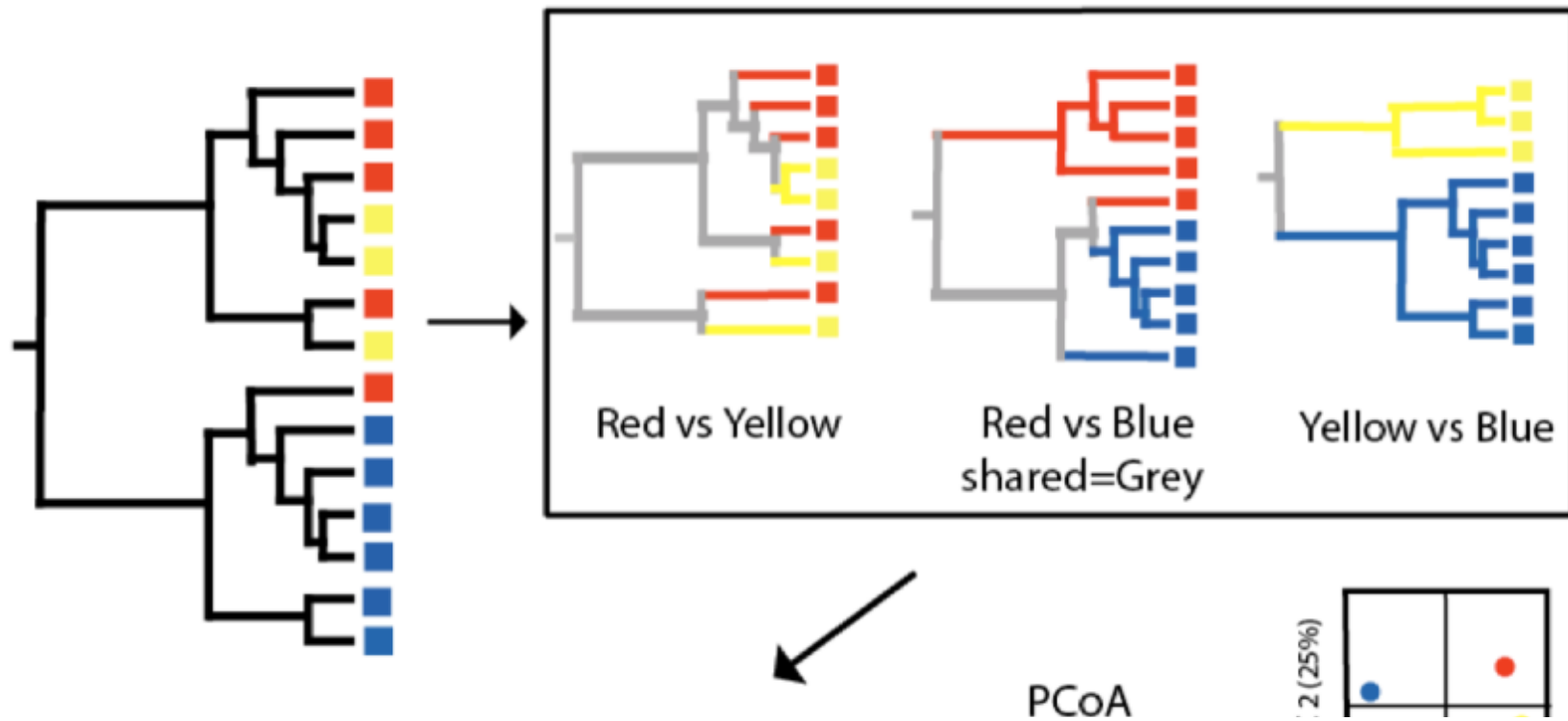



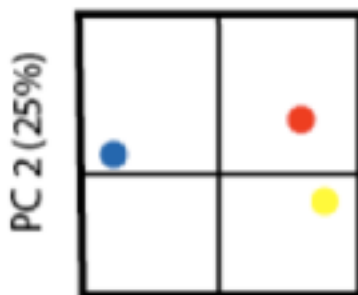
Diagram Adapted from Elizabeth Costello, Univ. Colorado, Boulder



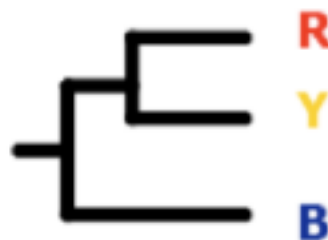
	R	Y	B
R	0	.3	.7
Y	.3	0	.9
B	.7	.9	0

Distance Matrix

PCoA



Hierarchical
Cluster



Do samples contain significantly different microbial communities?

Which taxa have increased abundance compared to another sample?

Are there broad trends that relate many samples? Can these trends be explained by an environmental factor?

Beta Diversity: UniFrac continued

