

Non-significatives Mantel test results for geographic distance vs beta diversity

16S Bray  $p=0.0724$   $r= 0.2749$

ITS Jaccard  $p= 0.13056$   $r= 0.3621$

ITS Bray  $p= 0.13194$   $r=0.3623$

Non-significatives Mantel test results for metabolomic data vs beta diversity

16S Jaccard  $p= 0.6126$   $r= -0.08238005$

16S Bray  $p= 0.4274$   $r= 0.02121974$

ITS Jaccard  $p=0.3611$   $r=0.0794$

ITS Bray  $p=0.303$   $r=0.1178$