

f\_Butyricicoccaceae  
g\_Agathobaculum  
s\_butyriciproducens

f\_Butyricicoccaceae  
g\_Agathobaculum  
s\_butyriciproducens

f\_Lachnospiraceae  
g\_unclassified  
s\_unclassified

R2 = 0.147 pval = 0.002

R2 = 0.282 pval = 0

R2 = 0.372 pval = 0

% of microbial reads

5  
4  
3  
2  
1  
0

2.5 3.0 3.5 4.0 4.5

2.5 3.0 3.5 4.0 4.5

2.5 3.0 3.5 4.0 4.5

Shannon Diversity

Group

ASD  
TD