

a**FDR****Proportion of Differentially Abundant Taxa****n = 20/30****n = 50/50**

0.75

0.5

0.25

0.05

0.05

0.20

0.40

0.60

0.80

0.05

0.20

0.40

0.60

0.80

**ANCOM-BC****ANCOM****DESeq2****edgeR****ZILG****ZIG****Wilcoxon****Wilcoxon + TSS**