Default: no differential taxa (binary-Stool) a:Aldex2(t-test) b:Aldex2(Wilcoxon) k:GMPR+DESeq2 I:GMPR+edgeR • f:DESeq2 p:RAIDA u:Wrench+DESeq2 v:Wrench+edgeR w:Wrench+metagenomeSeq g:eBay(t-test) q:Rarefy+t-test r:Rarefý+Wilcoxon c:ANCOM-BC h:eBay(Wilcoxon) m:LDM • i:edgeR s:TSS+t-test d:Beta-binomial • n:mbzinb j:GLM(quasipoisson) o:metagenomeSeq • e:DACOMP t:TSS+Wilcoxon None Depth confounding 14² 12² sample=50 15² sample=100 abCde gh j mnopgrst w 20^{2} 15² sample=200 10² OTU=50 OTU=200 OTU=500 OTU=50 OTU=200 OTU=500 OTU number