Data input Metadata input MDS plot Alpha diversity plot Taxa barplot Data filter Statistical test Tree plot Boxplot plot Correlation plot P vs P plot

Statistical test	
Statistical test uses the output of	of
data filter. Please run data filter	
Select method	
glm	•
Log normalization?	
True	•
Select the metadata for testing	
test_score	•
Variable proview:	
Variable preview: 3.107628 11.09628 2.025406	
22.31146 13.86102 -9.693776	
-12.97614 10.21912 11.18846	
7.756291 13.24498 18.74213 8.239927 -5.414863 6.105925	
ls the metadata outcome?	
False	•
Is the metadata for testing continuous?	
True	•
Run ANOVA on linear models?	
False	•
0	
Covariates for adjusting (e.g., age+factor(sex)+factor(batch))	
age+factor(sex)+factor(batch))	
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	stats	P	FDR	Enriched
d_Bacteriap_Firmicutes c_Bacillio_Lactobacillales f_Streptococcaceae g_Streptococcus	3.17207079265928	0.00261236008050228	0.212983617409866	positive
d_Bacteriap_Firmicutes c_Bacillio_Lactobacillales f_Streptococcaceae g_Streptococcus	3.16524001776084	0.00266369039742908	0.212983617409866	positive
d_Bacteriap_Firmicutes c_Erysipelotrichia o_Erysipelotrichales f_Erysipelotrichaceae	3.07396704249635	0.00344728112045178	0.212983617409866	positive
d_Bacteriap_Firmicutes c_Erysipelotrichia o_Erysipelotrichales f_Erysipelotrichaceae	3.07396704249635	0.00344728112045178	0.212983617409866	positive
d_Bacteriap_Firmicutes c_Clostridiao_Clostridiales f_Ruminococcaceae	3.02013510107226	0.00400596145598494	0.212983617409866	positive