

Statistical test

Statistical test uses the output of data filter. Please run data filter first.

Select method

glm

Log normalization?

True

Select the metadata for testing

test\_score

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

Is the metadata outcome?

False

Is the metadata for testing continuous?

True

Run ANOVA on linear models?

False

Covariates for adjusting (e.g., age+factor(sex)+factor(batch))

Treatment

Family variable of glm function (e.g.,binomial, gaussian, poisson)

Random effect variable for mixed effects models

Sort by FDR

True

Preview rows

5

Run

Download statistical test results:

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	stats	P	FDR	Enriched
d__Bacteria--p__Firmicutes-- c__Bacilli--o__Lactobacillales-- f__Streptococcaceae-- g__Streptococcus--__	3.17207079265928	0.00261236008050228	0.212983617409866	positive
d__Bacteria--p__Firmicutes-- c__Bacilli--o__Lactobacillales-- f__Streptococcaceae-- g__Streptococcus	3.16524001776084	0.00266369039742908	0.212983617409866	positive
d__Bacteria--p__Firmicutes-- c__Erysipelotrichia-- o__Erysipelotrichales-- f__Erysipelotrichaceae--__	3.07396704249635	0.00344728112045178	0.212983617409866	positive
d__Bacteria--p__Firmicutes-- c__Erysipelotrichia-- o__Erysipelotrichales-- f__Erysipelotrichaceae--__--__	3.07396704249635	0.00344728112045178	0.212983617409866	positive
d__Bacteria--p__Firmicutes-- c__Clostridia--o__Clostridiales-- f__Ruminococcaceae--__	3.02013510107226	0.00400596145598494	0.212983617409866	positive