

Statistical test

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

Select method

lme

Log normalization?

True

Select the metadata for testing

Treatment

Variable preview:

SUG CTL CAF

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))

Timepoint

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

Random effect variable for mixed effects models

RatID

Sort by FDR

True

Preview rows

5

Run

Download statistical test results:

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	stats	P	FDR	Enriched
d__Bacteria-- p__Actinobacteria-- c__Coriobacteriia-- o__Coriobacteriales-- f__uncultured	4.17454318101241	0.000116516323425059	0.00132745382759264	positive
d__Bacteria-- p__Actinobacteria-- c__Coriobacteriia-- o__Coriobacteriales-- f__uncultured-- g__uncultured_bacterium	4.17454318101241	0.000116516323425059	0.00132745382759264	positive
d__Bacteria-- p__Actinobacteria-- c__Coriobacteriia-- o__Coriobacteriales-- f__uncultured-- g__uncultured_bacterium-- s__uncultured_bacterium	4.17454318101241	0.000116516323425059	0.00132745382759264	positive
d__Bacteria-- p__Bacteroidetes-- c__Bacteroidia-- o__Bacteroidales-- f__Prevotellaceae-- g__Paraprevotella--__	4.13807906933272	0.000131237481745728	0.00138894465740487	positive
d__Bacteria-- p__Proteobacteria-- c__Gammaproteobacteria-- o__Betaproteobacteriales-- f__Burkholderiaceae--__	4.12945192888092	0.000134975813102041	0.00138894465740487	positive