

lists of adjusted p-values fitted with a variety of models

- label-based or label-free
 - expanded or restricted scope of Biological or Technical replication
 - Account interference transition or not
 - Account unequal variance among features
 - Multiple comparisons

Model-based analysis: (testing)

Visualization modelBasedQCPlots

Residual plot

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• Normal quantile-quantile plot

Visualization groupComparisonPlots

Explanatory data analysis: (Pre-analysis)

- Heatmap
- Volcano plot
- Comparison plot

Design for future experiments

Sample size calculation designSampleSize

- Sample size calculation: # of biological replicates, peptides, transition; according to FDR and CV
- Power calculation

Visualization designSampleSizePlots

