

Resource Summary Report

Generated by ASWG on Aug 25, 2026

Hypothesis Testing and Power Calculations for Comparing Metagenomic Samples from HMP

RRID:SCR_014612

Type: Tool

Proper Citation

Hypothesis Testing and Power Calculations for Comparing Metagenomic Samples from HMP (RRID:SCR_014612)

Resource Information

URL: <https://cran.r-project.org/web/packages/HMP/index.html>

Proper Citation: Hypothesis Testing and Power Calculations for Comparing Metagenomic Samples from HMP (RRID:SCR_014612)

Description: An R-package which uses Dirichlet-Multinomial distribution to perform formal hypothesis testing on the species abundance distribution of human microbiome data, and to calculate power and sample size requirements for human microbiome experiments.

Resource Type: software resource

Keywords: microbiome, r, hypothesis testing, human microbiome, dirichlet multinomial distribution

Resource Name: Hypothesis Testing and Power Calculations for Comparing Metagenomic Samples from HMP

Resource ID: SCR_014612

License: Apache License

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260815T182507+0000

Ratings and Alerts

No rating or validation information has been found for Hypothesis Testing and Power Calculations for Comparing Metagenomic Samples from HMP.

No alerts have been found for Hypothesis Testing and Power Calculations for Comparing Metagenomic Samples from HMP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.