

Simulation objectives

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This file contains objectives of the simulations and description of parameters and files or folders in simulations/Results/ with corresponding objective in parenthesis.

Objectives:

(A) to understand how the measure (raw or normalised) changes across different levels of facets and x-axis for fixed $nsim$, $nperm$ and λ in null case. Original values are not scaled., `sim_table` has just `nx` and `nfacet`. Description of parameters:

- $nfacet = nx = c(2, 3, 5, 7, 14, 20, 31, 50)$
- $nsim = 200$
- $nperm = 100$
- $lambda = 0.67$
- $sim_dist = normal(5, 10)$
- $weights(dist_{within-facet}, dist_{across-facet}) = (\lambda, 1/\lambda)$

(B)

(C)

(D)

Description of files

Folder raw/

- Files ending with `__dist.rds` : ran from `null/job-raw.sh` (A)
- Files ending with `__pairwise__max__dist.rds`: ran from `null/job-pairwise__max.sh` (A)
- Folder data: ran from `null/job-pairwise__data.sh` (A)

Folder norm/

- Files ending with `__dist.rds`: run from `null/job-norm.sh` (A)