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:

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

(1B) Original values are **scaled** and other parameters look exactly like (A)

(2) Original values are **scaled** and $weights(dist_{within-facet}, dist_{across-facet}) = (\lambda, 1-\lambda)$, other parameters like (A), for $lambda = seq(0.1, 0.9, 0.05)$

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)