

Resource Summary Report

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Group Level Imputation of Statistic Maps

RRID:SCR_002397

Type: Tool

Proper Citation

Group Level Imputation of Statistic Maps (RRID:SCR_002397)

Resource Information

URL: <http://www.nitrc.org/projects/multimpute/>

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Description: A software toolkit that performs multiple imputation for group level, single sample t-tests. Whole brain group level statistic maps from fMRI rarely cover the entire brain as a result of missing data. Missingness between subjects in fMRI datasets can result from susceptibility artifacts, bounding box (acquisition parameters), and small differences in post-normalized morphology. The toolkit consists of several interactive command line scripts that guide the user to map the spatial distribution of missing data across contrast images, calculate spatial neighborhood averages that help impute values, perform conventional and multiple imputed t-statistics, save the results to brain maps, and create result tables. The toolkit contains an instruction manual (pdf), two Matlab scripts and one R-Statistics script, which depend on functions defined in the popular SPM toolbox and functions defined in the MICE package for (R).

Abbreviations: Group Level Imputation of Statistic Maps

Resource Type: software resource, software toolkit

Keywords: magnetic resonance, imputation, t-test, fmri

Availability: Free, Available for download, Freely available

Resource Name: Group Level Imputation of Statistic Maps

Resource ID: SCR_002397

Alternate IDs: nlx_155768

License: GNU General Public License

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Ratings and Alerts

No rating or validation information has been found for Group Level Imputation of Statistic Maps.

No alerts have been found for Group Level Imputation of Statistic Maps.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.