

Resource Summary Report

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REST: a toolkit for resting-state fMRI

RRID:SCR_009641

Type: Tool

Proper Citation

REST: a toolkit for resting-state fMRI (RRID:SCR_009641)

Resource Information

URL: <http://www.restfmri.net>

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Description: A user-friendly convenient toolkit to calculate Functional Connectivity (FC), Regional Homogeneity (ReHo), Amplitude of Low-Frequency Fluctuation (ALFF), Fractional ALFF (fALFF), Granger causality and perform statistical analysis. You also can use REST to view your data, perform Monte Carlo simulation similar to AlphaSim in AFNI, calculate your images, regress out covariates, extract Region of Interest (ROI) time courses, reslice images, and sort DICOM files.

Abbreviations: REST

Synonyms: Resting-State fMRI Data Analysis Toolkit, REsting State fMRI Data analysis Toolkit

Resource Type: data processing software, image analysis software, image processing software, software application, software resource, software toolkit

Defining Citation: [PMID:21949842](#)

Keywords: correlation, cross-correlation, fourier time-domain analysis, gnome, kde, linux, macos, matlab, microsoft, modeling, magnetic resonance, nifti, posix/unix-like, spatial transformation, spectral analysis, statistical operation, temporal transformation, time domain analysis, two dimensional display, visualization, windows, resting-state functional magnetic resonance imaging, resting-state fmri

Funding: National High Technology Program of China ;
National Natural Science Foundation of China ;
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Availability: Academic Free License

Resource Name: REST: a toolkit for resting-state fMRI

Resource ID: SCR_009641

Alternate IDs: nlx_155936

Alternate URLs: <http://www.nitrc.org/projects/rest>

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Ratings and Alerts

No rating or validation information has been found for REST: a toolkit for resting-state fMRI.

No alerts have been found for REST: a toolkit for resting-state fMRI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.