Artifact Detection Tools

RRID:SCR_005994
Type: Tool

Proper Citation

Artifact Detection Tools (RRID:SCR_005994)

Resource Information

URL: http://web.mit.edu/swg/software.htm

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Description: Toolbox for post-processing fMRI data. Includes software for comprehensive analysis of sources of artifacts in timeseries data including spiking and motion. Most compatible with SPM processing, but adaptable for FSL as well. * Operating System: MacOS, Windows, Linux * Programming Language: MATLAB * Supported Data Format: ANALYZE

Abbreviations: ART

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

Keywords: artifact removal, quality metrics, registration, motion analysis, neuroimaging, fmri, spike, motion, artifact, timeseries, matlab

Availability: Free, Available for download

Resource Name: Artifact Detection Tools

Resource ID: SCR_005994

Alternate IDs: nlx_151369

Alternate URLs: http://www.nitrc.org/projects/artifact_detect

Ratings and Alerts

No alerts have been found for Artifact Detection Tools.

### Data and Source Information

**Source:** [SciCrunch Registry](http://www.sci.crunch.org)

### Usage and Citation Metrics

We found 131 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](http://www.sci.crunch.org).


Mortaheb S, et al. (2022) Mind blanking is a distinct mental state linked to a recurrent brain profile of globally positive connectivity during ongoing mentation. Proceedings of the National Academy of Sciences of the United States of America, 119(41), e2200511119.


Joo YH, et al. (2021) Functional Analysis of Brain Imaging Suggests Changes in the Availability of mGluR5 and Altered Connectivity in the Cerebral Cortex of Long-Term Abstaining Males with Alcohol Dependence: A Preliminary Study. Life (Basel, Switzerland), 11(6).