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 toolkit, image processing software, software resource, data processing software, software application, image analysis 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 URLs: http://www.nitrc.org/projects/artifact_detect

Ratings and Alerts
- 4.5 / 5 (5 votes) Rated at NITRC http://www.nitrc.org/projects/artifact_detect
No alerts have been found for Artifact Detection Tools.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 114 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


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).


McCulloch DE, et al. (2021) Lasting effects of a single psilocybin dose on resting-state


Kagerer SM, et al. (2020) APOE4 moderates effects of cortical iron on synchronized default mode network activity in cognitively healthy old-aged adults. Alzheimer’s & dementia (Amsterdam, Netherlands), 12(1), e12002.

