Analysis of Functional NeuroImages

RRID:SCR_005927
Type: Tool

Proper Citation

Analysis of Functional NeuroImages (RRID:SCR_005927)

Resource Information

URL: http://afni.nimh.nih.gov/afni/

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Description: Set of (mostly) C programs that run on X11+Unix-based platforms (Linux, Mac OS X, Solaris, etc.) for processing, analyzing, and displaying functional MRI (FMRI) data defined over 3D volumes and over 2D cortical surface meshes. AFNI is freely distributed as source code plus some precompiled binaries.

Resource Type: Resource, source code, data analysis software, data processing software, software application, data visualization software, software resource, software toolkit

Keywords: c program, unix, fmri, solaris, nifti-1 support, 2d surface analysis, 3d surface analysis, visualization

Parent Organization: National Institute of Mental Health

Funding Agency: NIMH

Related resources: BASH4RfMRI

Availability: Free, Open Source, Runs on Linux, Runs on Mac OS

Website Status: Last checked up

Abbreviations: AFNI

Resource Name: Analysis of Functional NeuroImages
Resource ID: SCR_005927
Alternate IDs: nif-0000-00259
Alternate URLs: http://www.nitrc.org/projects/afni

Ratings and Alerts

- 4.5 / 5 (18 votes) Rated at NITRC http://www.nitrc.org/projects/afni

No alerts have been found for Analysis of Functional NeuroImages.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1416 mentions in open access literature.

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


Rocchi F, et al. (2021) Common fronto-temporal effective connectivity in humans and


Guo H, et al. (2021) Structural and Functional Brain Changes in Hemodialysis Patients with End-Stage Renal Disease: DTI Analysis Results and ALFF Analysis Results. International journal of nephrology and renovascular disease, 14, 77-86.


Park D, et al. (2021) Strong correspondence between prefrontal and visual representations during emotional perception. Human brain mapping, 42(7), 2115-2127.
