FSL

RRID:SCR_002823
Type: Tool

Proper Citation

FSL (RRID:SCR_002823)

Resource Information

URL: http://www.fmrib.ox.ac.uk/fsl/

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Description: Software library of image analysis and statistical tools for fMRI, MRI and DTI brain imaging data. Include registration, atlases, diffusion MRI tools for parameter reconstruction and probabilistic tractography, and viewer. Several brain atlases, integrated into FSLView and Featquery, allow viewing of structural and cytoarchitectonic standard space labels and probability maps for cortical and subcortical structures and white matter tracts. Includes Harvard-Oxford cortical and subcortical structural atlases, Julich histological atlas, JHU DTI-based white-matter atlases, Oxford thalamic connectivity atlas, Talairach atlas, MNI structural atlas, and Cerebellum atlas.

Synonyms: FMRIB Software Library, fMRIB Software Library

Resource Type: software toolkit, software library, software resource

Defining Citation: PMID:21979382, PMID:19059349, PMID:15501092

Keywords: dti, brain, imaging, data, structural, mri, diffusion, function, preprocessing, analysis, statistical, tractography, atlas, neuroimaging, parameter, reconstruction, volumetric, segmentation, independent, component, temporal, transformation

Funding Agency: EPSRC, MRC, BBSRC, GlaxoSmithKline, Pfizer

Availability: Non-commercial, Available to the research community

Resource Name: FSL
Resource ID: SCR_002823
Alternate IDs: SCR_007368, nif-0000-00305

Ratings and Alerts
- 4.5 / 5 (36 votes) Rated at NITRC http://www.nitrc.org/projects/fsl

No alerts have been found for FSL.

Data and Source Information
Source: SciCrunch Registry

Usage and Citation Metrics

We found 3716 mentions in open access literature.

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


Sadiq MU, et al. (2022) Model-based stratification of progression along the Alzheimer disease continuum highlights the centrality of biomarker synergies. Alzheimer’s research & therapy, 14(1), 16.


Greening SG, et al. (2022) Mental imagery can generate and regulate acquired differential fear conditioned reactivity. Scientific reports, 12(1), 997.


