NeuroImaging Analysis Kit (NIAK)

RRID:SCR_002497
Type: Tool

Proper Citation

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Resource Information

URL: https://code.google.com/p/niak/

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Description: Software library of modules and pipelines for fMRI processing with Octave or Matlab(r) that can run in parallel either locally or in a supercomputing environment. Linux OS and MINC file format are supported. NIAK currently includes a preprocessing, a region growing and a connectome pipelines. NIAK features powerful pipeline management capabilities, including parallel computing, generation of detailed logs and automatic handling of pipeline failures or updates.

Abbreviations: NIAK

Synonyms: Neuroimaging Analysis Kit for Matlab and Octave

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

Keywords: reusable library, artifact removal, console (text based), constrained region growing, filtering, frequency domain, image-to-image, image-to-template, independent component analysis, intensity non-uniformity correction, intensity operations, intermodal, intrasubject, linear, matlab, minc, minc2, magnetic resonance, perl, posix/unix-like, principal component analysis, quality metrics, region growing, registration, regression, resampling, segmentation, spatial transformation, statistical operation, workflow, fmri, neuroimaging

Availability: MIT License, X Consortium License

Resource Name: NeuroImaging Analysis Kit (NIAK)
Ratings and Alerts

No rating or validation information has been found for NeuroImaging Analysis Kit (NIAK).

No alerts have been found for NeuroImaging Analysis Kit (NIAK).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.