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

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)
**Resource ID:** SCR_002497

**Alternate URLs:** http://www.nitrc.org/projects/niak

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**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).

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**Data and Source Information**

**Source:** [SciCrunch Registry](http://www.nitrc.org/projects/niak)

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**Usage and Citation Metrics**

We have not found any literature mentions for this resource.