

Resource Summary Report

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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 application, software library, software resource, software toolkit

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: Free, Available for download, Freely available

Resource Name: NeuroImaging Analysis Kit (NIAK)

Resource ID: SCR_002497

Alternate IDs: nlx_155894

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).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.