Resource Summary Report

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NiPoppy

RRID:SCR_027826
Type: Tool

Proper Citation

NiPoppy (RRID:SCR_027826)

Resource Information

URL: https://nipoppy.readthedocs.io/en/stable/

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Description: Software lightweight Python framework and command-line tool for organizing, processing, and managing neuroimaging-clinical datasets, designed to make studies more reproducible and adhere to FAIR data principles (Findable, Accessible, Interoperable, Reusable). Provides standardized workflow to handle raw data (like DICOMs), apply containerized processing pipelines (e.g., fMRIPrep), extract analysis-ready features (IDPs), and track processing status, extending the Brain Imaging Data Structure (BIDS) standard for both imaging and clinical data. Includes three components: protocol for data wrangling to standardize generation of analysis-ready datasets; specification for dataset organization that extends the Brain Imaging Data Structure (BIDS) standard; command-line interface and Python package that provide user-friendly tools for applying the framework.

Resource Type: software application, software resource, source code, web application

Keywords: Neuroimaging, FAIR principles, Brain Imaging Data Structure (BIDS) standard, dataset organization, data standardized organization and processing, neuroimaging-clinical datasets,

Availability: Free, Available for download, Freely available

Resource Name: NiPoppy

Resource ID: SCR_027826

Alternate URLs: https://github.com/nipoppy/nipoppy

License: MIT license

Record Creation Time: 20251220T054508+0000

Record Last Update: 20260912T200537+0000

Ratings and Alerts

No rating or validation information has been found for NiPoppy.

No alerts have been found for NiPoppy.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.