Resource Summary Report

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MNE-BIDS

RRID:SCR_018766
Type: Tool

Proper Citation

MNE-BIDS (RRID:SCR_018766)

Resource Information

URL: https://github.com/mne-tools/mne-bids/

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Description: Software Python package to link Brain Imaging Data Structure and MNE-Python software for analyzing neurophysiology data with goal to make analyses faster to code, more robust to errors, and easily shareable with colleagues. Provides programmable interface for BIDS datasets in electrophysiology with MNE-Python. Used for organizing electrophysiological data into BIDS format and facilitating their analysis.

Abbreviations: MNE-BIDS

Synonyms: Minimum Norm current Estimates - Brain Imaging Data Structure

Resource Type: software toolkit, data analysis software, data management software, software application, data processing software, software resource

Defining Citation: DOI:10.21105/joss.01896

Keywords: Data structure, brain imaging, Minimum Norm current Estimates, M/EEG data, neurophysiology data analysis, BIDS dataset, electrophysiology, BIDS format organization

Funding: Academy of Finland ;
NINDS R01 NS10 4585;
NIMH R24 MH114705;
Bezos Family Foundation ;
Simms Mann Foundation ;
Google Summer of Code 2019

Availability: Free, Available for download, Freely available

Resource Name: MNE-BIDS

Resource ID: SCR_018766

Alternate URLs: https://mne.tools/mne-bids/stable/index.html

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260801T042821+0000

Ratings and Alerts

No rating or validation information has been found for MNE-BIDS.

No alerts have been found for MNE-BIDS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Habersetzer T, et al. (2025) MEG-SCANS - A comprehensive magnetoencephalography speech dataset with Stories, Chirps and Noisy Sentences. Scientific data, 12(1), 1938.

Esch L, et al. (2024) Online functional connectivity analysis of large all-to-all networks in MNE Scan. Imaging neuroscience (Cambridge, Mass.), 2.

Rassoulou F, et al. (2024) Exploring the electrophysiology of Parkinson's disease with magnetoencephalography and deep brain recordings. Scientific data, 11(1), 889.