

Resource Summary Report

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Neuroimaging Data Model

RRID:SCR_013667

Type: Tool

Proper Citation

Neuroimaging Data Model (RRID:SCR_013667)

Resource Information

URL: <http://nidm.nidash.org/>

Proper Citation: Neuroimaging Data Model (RRID:SCR_013667)

Description: Collection of specification documents that define extensions the the W3C PROV standard for the domain of human brain mapping. NIDM uses provenance information as a means to link components from different stages of the scientific research process from dataset descriptors and computational workflow, to derived data and publication.

Abbreviations: NIDM

Resource Type: data set, narrative resource, data or information resource, standard specification

Keywords: data sharing, neuroimaging, fmri, mri, dti, semantic web

Availability: Available to the research community

Resource Name: Neuroimaging Data Model

Resource ID: SCR_013667

Alternate URLs: <https://github.com/incf-nidash/nidm>

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260801T190452+0000

Ratings and Alerts

No rating or validation information has been found for Neuroimaging Data Model.

No alerts have been found for Neuroimaging Data Model.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Kumar A, et al. (2022) The Neuroimaging Data Model Linear Regression Tool (nidm_linreg): PyNIDM Project. F1000Research, 11, 228.

Kennedy DN, et al. (2019) Everything Matters: The ReproNim Perspective on Reproducible Neuroimaging. Frontiers in neuroinformatics, 13, 1.

Jun J, et al. (2018) Three Research Strategies of Neuroscience and the Future of Legal Imaging Evidence. Frontiers in neuroscience, 12, 120.

, et al. (2017) Improving data availability for brain image biobanking in healthy subjects: Practice-based suggestions from an international multidisciplinary working group. NeuroImage, 153, 399.

Timothy S, et al. (2017) Extending XNAT Platform with an Incremental Semantic Framework. Frontiers in neuroinformatics, 11, 57.

Ghosh SS, et al. (2017) A very simple, re-executable neuroimaging publication. F1000Research, 6, 124.

Keator DB, et al. (2016) The Function Biomedical Informatics Research Network Data Repository. NeuroImage, 124(Pt B), 1074.

Pauli R, et al. (2016) Exploring fMRI Results Space: 31 Variants of an fMRI Analysis in AFNI, FSL, and SPM. Frontiers in neuroinformatics, 10, 24.

Keator DB, et al. (2013) Towards structured sharing of raw and derived neuroimaging data across existing resources. NeuroImage, 82, 647.