## **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:** standard specification, data or information resource, narrative resource, data set

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

**Funding:** 

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: 20250509T060046+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 NIF.

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.

Timón 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.