

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

openMINDS SANDS metadata model

RRID:SCR_023498

Type: Tool

Proper Citation

openMINDS SANDS metadata model (RRID:SCR_023498)

Resource Information

URL: https://github.com/openMetadataInitiative/openMINDS_SANDS

Proper Citation: openMINDS SANDS metadata model (RRID:SCR_023498)

Description: One of the metadata models of openMINDS metadata framework. Composed of modular metadata schemas for spatial anchoring of neuroscience data structures, including brain atlas definitions.

Abbreviations: openMINDS_SANDS, openMINDS SANDS

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

Keywords: open science, metadata schema, graph metadata model

Funding: European Union's Horizon 2020 Framework Programme for Research and Innovation - Human Brain Project SGA1 720270;
European Union's Horizon 2020 Framework Programme for Research and Innovation - Human Brain Project SGA2 785907;
European Union's Horizon 2020 Framework Programme for Research and Innovation - Human Brain Project SGA3 945539;
European Union's Research and Innovation Program Horizon Europe - EBRAINS 2.0 101147319;
Helmholtz International BigBrain Analytics and Learning Laboratory (HIBALL)

Availability: Free, Available for download, Freely available

Resource Name: openMINDS SANDS metadata model

Resource ID: SCR_023498

Alternate URLs: https://openminds-documentation.readthedocs.io/en/latest/schema_specifications/SANDS.html

Old URLs: https://github.com/HumanBrainProject/openMINDS_SANDS

License: MIT license

Record Creation Time: 20230425T050206+0000

Record Last Update: 20260905T133024+0000

Ratings and Alerts

No rating or validation information has been found for openMINDS SANDS metadata model.

No alerts have been found for openMINDS SANDS metadata model.

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 [Kravitz](#) .

Kleven H, et al. (2024) Comparison of basal ganglia regions across murine brain atlases using metadata models and the Waxholm Space. Scientific data, 11(1), 1036.

Blixhavn CH, et al. (2024) The Locare workflow: representing neuroscience data locations as geometric objects in 3D brain atlases. Frontiers in neuroinformatics, 18, 1284107.

Kleven H, et al. (2023) AtOM, an ontology model to standardize use of brain atlases in tools, workflows, and data infrastructures. Scientific data, 10(1), 486.