

Resource Summary Report

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ModelDB

RRID:SCR_007271

Type: Tool

Proper Citation

ModelDB (RRID:SCR_007271)

Resource Information

URL: <http://senselab.med.yale.edu/modeldb/>

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Description: Curated database of published models so that they can be openly accessed, downloaded, and tested to support computational neuroscience. Provides accessible location for storing and efficiently retrieving computational neuroscience models. Coupled with NeuronDB. Models can be coded in any language for any environment. Model code can be viewed before downloading and browsers can be set to auto-launch the models. The model source code has to be available from publicly accessible online repository or WWW site. Original source code is used to generate simulation results from which authors derived their published insights and conclusions.

Abbreviations: ModelDB

Synonyms: Model_DB, Model Database, Model DB, Model-DB

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Defining Citation: [PMID:15218350](#), [PMID:15055399](#), [PMID:8930855](#)

Keywords: repository, collection, network, neuron, computational, neuroscience, model, simulation, neural, data

Funding: Human Brain Project ;
NCI ;
NIDCD P01 DC004732;
NIDCD R01 DC009977;
NIMH ;
NINDS

Availability: Free, Freely available, Acknowledgement requested

Resource Name: ModelDB

Resource ID: SCR_007271

Alternate IDs: nif-0000-00004, r3d100011330

Alternate URLs: <https://doi.org/10.17616/R3P61F>

Record Creation Time: 20220129T080240+0000

Record Last Update: 20261017T202649+0000

Ratings and Alerts

No rating or validation information has been found for ModelDB.

No alerts have been found for ModelDB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.