

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

Brain Decoder Toolbox

RRID:SCR_013150

Type: Tool

Proper Citation

Brain Decoder Toolbox (RRID:SCR_013150)

Resource Information

URL: <http://www.cns.atr.jp/dni/en/downloads/brain-decoder-toolbox/>

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Description: Software that performs ?decoding? of brain activity, by learning the difference between brain activity patterns among conditions and then classifying the brain activity based on the learning results. BDTB is a set of Matlab functions. BDTB is OS-independent.

Abbreviations: BDTB

Synonyms: BrainDecoderToolbox

Resource Type: software application, software resource

Defining Citation: [PMID:15852014](#)

Keywords: analyze, japanese, linux, macos, matlab, microsoft, magnetic resonance, posix/unix-like, windows

Availability: GNU General Public Licence

Resource Name: Brain Decoder Toolbox

Resource ID: SCR_013150

Alternate IDs: nlx_155709

Alternate URLs: <http://www.nitrc.org/projects/bdtb>

Record Creation Time: 20220129T080314+0000

Record Last Update: 20260912T200248+0000

Ratings and Alerts

No rating or validation information has been found for Brain Decoder Toolbox.

No alerts have been found for Brain Decoder Toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Gui R, et al. (2020) Classification of Task-State fMRI Data Based on Circle-EMD and Machine Learning. Computational intelligence and neuroscience, 2020, 7691294.

Abdelhack M, et al. (2018) Sharpening of Hierarchical Visual Feature Representations of Blurred Images. eNeuro, 5(3).