

Resource Summary Report

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Mindboggle-101 atlases

RRID:SCR_002439

Type: Tool

Proper Citation

Mindboggle-101 atlases (RRID:SCR_002439)

Resource Information

URL: <http://mindboggle.info/data.html>

Proper Citation: Mindboggle-101 atlases (RRID:SCR_002439)

Description: Complete set of free, publicly accessible, downloadable atlases, templates, and individual manually labeled brain image data, the largest collection of publicly available, manually labeled human brains in the world!

<http://journal.frontiersin.org/article/10.3389/fnins.2012.00171/full>

Abbreviations: Mindboggle-101

Synonyms: Mindboggle-101 manually labeled brains

Resource Type: atlas, data or information resource

Defining Citation: [PMID:23227001](#)

Keywords: clinical neuroinformatics, computational neuroscience, mgh/mgz, magnetic resonance, nifti, image collection

Funding: NIMH MH084029

Availability: Free, Freely available

Resource Name: Mindboggle-101 atlases

Resource ID: SCR_002439

Alternate IDs: nlx_155814

Alternate URLs: <http://www.nitrc.org/projects/mindboggle101>

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Record Creation Time: 20220129T080213+0000

Record Last Update: 20260801T190910+0000

Ratings and Alerts

No rating or validation information has been found for Mindboggle-101 atlases.

No alerts have been found for Mindboggle-101 atlases.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Cheng J, et al. (2025) STF: A spherical transformer for versatile cortical surfaces applications. *NeuroImage*, 318, 121370.

Zhou Z, et al. (2025) Macro- and Microstructural Alterations in the Midbrain in Early Psychosis Associates with Clinical Symptom Scores. *eNeuro*, 12(3).

Carlucci M, et al. (2023) Diurnal oscillations of MRI metrics in the brains of male participants. *Nature communications*, 14(1), 7044.

Edwards CA, et al. (2021) DeepNavNet: Automated Landmark Localization for Neuronavigation. *Frontiers in neuroscience*, 15, 670287.

Yaakub SN, et al. (2020) On brain atlas choice and automatic segmentation methods: a comparison of MAPER & FreeSurfer using three atlas databases. *Scientific reports*, 10(1), 2837.

Zorowitz S, et al. (2019) The Neural Basis of Approach-Avoidance Conflict: A Model Based Analysis. *eNeuro*, 6(4).

Obaid S, et al. (2018) Cortical thickness analysis in operculo-insular epilepsy. *NeuroImage. Clinical*, 19, 727.

Klein A, et al. (2017) Mindboggling morphometry of human brains. *PLoS computational biology*, 13(2), e1005350.

Muncy NM, et al. (2017) Discrete pre-processing step effects in registration-based pipelines, a preliminary volumetric study on T1-weighted images. *PloS one*, 12(10), e0186071.

Schmitter D, et al. (2015) An evaluation of volume-based morphometry for prediction of mild cognitive impairment and Alzheimer's disease. *NeuroImage. Clinical*, 7, 7.

Duda JT, et al. (2014) Reproducibility of graph metrics of human brain structural networks. *Frontiers in neuroinformatics*, 8, 46.

Klein A, et al. (2012) 101 labeled brain images and a consistent human cortical labeling protocol. *Frontiers in neuroscience*, 6, 171.

Bao FS, et al. (2012) Automated extraction of nested sulcus features from human brain MRI data. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*, 2012, 4429.