Resource Summary Report

Generated by NIF on May 24, 2025

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

Resource Name: Mindboggle-101 atlases

Resource ID: SCR_002439

Alternate IDs: nlx_155814

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

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250522T060023+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 11 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

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.

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.

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

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.