

Resource Summary Report

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BrainBox

RRID:SCR_014750

Type: Tool

Proper Citation

BrainBox (RRID:SCR_014750)

Resource Information

URL: <http://brainbox.pasteur.fr/>

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Description: Web application which allows users to visualise and collaboratively segment and annotate any brain MRI dataset available online via URL. A list of brains are available for use on the main site. Segmentations are automatically saved and can be downloaded as Nifti files or triangular meshes. Users can point BrainBox to their own Nifti data, or try data catalogues created by the community.

Resource Type: software resource, software application

Keywords: web application, data visualization software, mri, dataset, visualization, segment, nifti, collaboration

Availability: Public

Resource Name: BrainBox

Resource ID: SCR_014750

Alternate URLs: <https://www.nitrc.org/projects/brainbox>

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260801T191104+0000

Ratings and Alerts

No rating or validation information has been found for BrainBox.

No alerts have been found for BrainBox.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Feczko E, et al. (2025) Baby Open Brains: An open-source dataset of infant brain segmentations. *Scientific data*, 12(1), 1423.

Feczko E, et al. (2024) Baby Open Brains: An Open-Source Repository of Infant Brain Segmentations. *bioRxiv : the preprint server for biology*.

de Sousa AA, et al. (2023) From fossils to mind. *Communications biology*, 6(1), 636.

Mess?? A, et al. (2023) Structural basis of envelope and phase intrinsic coupling modes in the cerebral cortex. *NeuroImage*, 276, 120212.

Gau R, et al. (2021) Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. *Neuron*, 109(11), 1769.

Messinger A, et al. (2021) A collaborative resource platform for non-human primate neuroimaging. *NeuroImage*, 226, 117519.

Keshavan A, et al. (2019) From the Wet Lab to the Web Lab: A Paradigm Shift in Brain Imaging Research. *Frontiers in neuroinformatics*, 13, 3.

Delettre C, et al. (2019) Comparison between diffusion MRI tractography and histological tract-tracing of cortico-cortical structural connectivity in the ferret brain. *Network neuroscience (Cambridge, Mass.)*, 3(4), 1038.

Heuer K, et al. (2019) Evolution of neocortical folding: A phylogenetic comparative analysis of MRI from 34 primate species. *Cortex; a journal devoted to the study of the nervous system and behavior*, 118, 275.

Maruani A, et al. (2019) Morning Plasma Melatonin Differences in Autism: Beyond the Impact of Pineal Gland Volume. *Frontiers in psychiatry*, 10, 11.

Liew SL, et al. (2018) A large, open source dataset of stroke anatomical brain images and manual lesion segmentations. *Scientific data*, 5, 180011.