

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[brainlife](#)

RRID:SCR_020940

Type: Tool

Proper Citation

brainlife (RRID:SCR_020940)

Resource Information

URL: <https://brainlife.io/>

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Description: Free cloud platform for secure neuroscience data analysis. Allows to manage data, processing and results, sharing projects privately with collaborators or publicly with brainlife.io community. Promotes engagement and education in reproducible neuroscience. You can share your neuroimaging data publicly or privately. Data on brainlife.io is organized as Datatypes to allow interoperability between Apps.

Synonyms: Brainlife

Resource Type: project portal, data or information resource, service resource, storage service resource, portal, data repository

Keywords: Secure neuroscience data analysis, manage data, sharing projects, data files mapping, interoperate

Funding: NSF OAC 1916518;
NSF IIS 1912270;
NSF IIS 1636893;
NSF BCS 1734853;
NIBIB R01 EB029272;
Google Cloud ;
Microsoft Research Award ;
Microsoft Investigator Fellowship ;
Indiana University

Availability: Free, Freely available

Resource Name: brainlife

Resource ID: SCR_020940

Alternate IDs: r3d100012397, r3d100013223

Alternate URLs: <https://github.com/brainlife>, <https://github.com/brainlife/brainlife>, <https://doi.org/10.17616/R3KV0P>, <https://doi.org/10.17616/R31NJMP3>

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260810T040753+0000

Ratings and Alerts

No rating or validation information has been found for brainlife.

No alerts have been found for brainlife.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Wogu E, et al. (2025) FAIR African brain data: challenges and opportunities. *Frontiers in neuroinformatics*, 19, 1530445.

Puglisi G, et al. (2025) Convergent causal mapping unravels distinct frontal networks for visuospatial selective attention. *Nature communications*, 17(1), 659.

Delogu F, et al. (2025) Breaking barriers: broadening neuroscience education via cloud platforms and course-based undergraduate research. *Frontiers in neuroinformatics*, 19, 1608900.

Wogu E, et al. (2025) A labeled Clinical-MRI dataset of Nigerian brains. *Scientific data*, 12(1), 518.

Joshi A, et al. (2024) A systematic review of automated methods to perform white matter tract segmentation. *Frontiers in neuroscience*, 18, 1376570.

Poldrack RA, et al. (2024) The past, present, and future of the brain imaging data structure (BIDS). *Imaging neuroscience (Cambridge, Mass.)*, 2, 1.

Amunts K, et al. (2024) The coming decade of digital brain research: A vision for neuroscience at the intersection of technology and computing. *Imaging neuroscience (Cambridge, Mass.)*, 2.

Rolland T, et al. (2023) Vizaj-A free online interactive software for visualizing spatial networks. *PloS one*, 18(3), e0282181.

Robbins K, et al. (2022) Building FAIR Functionality: Annotating Events in Time Series Data Using Hierarchical Event Descriptors (HED). *Neuroinformatics*, 20(2), 463.

Eke DO, et al. (2022) International data governance for neuroscience. *Neuron*, 110(4), 600.

Vanden Bulcke C, et al. (2022) BMAT: An open-source BIDS managing and analysis tool. *NeuroImage. Clinical*, 36, 103252.

Routier A, et al. (2021) Clinica: An Open-Source Software Platform for Reproducible Clinical Neuroscience Studies. *Frontiers in neuroinformatics*, 15, 689675.

Nastase SA, et al. (2021) The "Narratives" fMRI dataset for evaluating models of naturalistic language comprehension. *Scientific data*, 8(1), 250.

Puzniak RJ, et al. (2021) Deep Learning-Based Detection of Malformed Optic Chiasms From MRI Images. *Frontiers in neuroscience*, 15, 755785.

Bert?? G, et al. (2021) Classifyber, a robust streamline-based linear classifier for white matter bundle segmentation. *NeuroImage*, 224, 117402.

Gilmore AD, et al. (2021) Variations in structural MRI quality significantly impact commonly used measures of brain anatomy. *Brain informatics*, 8(1), 7.

Hanekamp S, et al. (2021) White matter alterations in glaucoma and monocular blindness differ outside the visual system. *Scientific reports*, 11(1), 6866.

Puzniak RJ, et al. (2021) CHIASM, the human brain albinism and achiasma MRI dataset. *Scientific data*, 8(1), 308.

Markiewicz CJ, et al. (2021) The OpenNeuro resource for sharing of neuroscience data. *eLife*, 10.

Small SL, et al. (2020) *Neurobiology of Language: Editorial*. *Neurobiology of language* (Cambridge, Mass.), 1(1), 1.