

Resource Summary Report

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BALSA

RRID:SCR_022960

Type: Tool

Proper Citation

BALSA (RRID:SCR_022960)

Resource Information

URL: <https://balsa.wustl.edu/>

Proper Citation: BALSA (RRID:SCR_022960)

Description: Database for hosting and sharing neuroimaging and neuroanatomical datasets for human and primate species. Includes 1) curated, user created Study datasets, extensively analyzed neuroimaging data associated with published figures/manuscripts, 2) Reference datasets mapped to brain atlas surfaces and volumes in human and nonhuman primates for use as general resources (e.g., published cortical parcellations), and 3) ConnectomeDB powered by BALSA for distributing HCP-Young Adult and related HCP-style processed imaging and phenotypic datasets. Datasets in BALSA may include PMID and/or DOI that links them directly to relevant publications.

Abbreviations: BALSA

Synonyms: Brain Analysis Library of Spatial maps and Atlases

Resource Type: data or information resource, database

Defining Citation: [PMID:27074495](#)

Keywords: Brain Analysis Library, spatial maps and atlases, hosting and sharing neuroimaging and neuroanatomical datasets, human and primate species, neuroimaging data associated with published figures, datasets mapped to brain atlas, Human Connectome Project, HCP

Funding: NIMH MH060974;
NIMH R01MH060974

Availability: Free, Freely available

Resource Name: BALSA

Resource ID: SCR_022960

Alternate IDs: r3d100013646

Alternate URLs: <https://balsa.wustl.edu/about>, <https://doi.org/10.17616/R31NJN0U>

Record Creation Time: 20221115T050204+0000

Record Last Update: 20260904T000356+0000

Ratings and Alerts

No rating or validation information has been found for BALSA.

No alerts have been found for BALSA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Waz S, et al. (2026) Uncertainty in population receptive field estimates revealed by variational qPRF. Journal of neuroscience methods, 426, 110628.

Billaud CHA, et al. (2026) Resting-State and Task Functional Magnetic Resonance Imaging Network Topology Metrics With no Threshold Selection to Predict Cognition. Human brain mapping, 47(5), e70526.

Ewert C, et al. (2026) Learning-based segmentation of diffusion-weighted MR images with arbitrary q-space samplings. Imaging neuroscience (Cambridge, Mass.), 4.

Ribeiro FL, et al. (2026) Predicting functional topography of the human visual cortex from cortical anatomy at scale. bioRxiv : the preprint server for biology.

Ogawa A, et al. (2026) Human Cerebral Blood Flow Activity with Diurnal Variation Differentially Correlated with the Suprachiasmatic Nucleus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(15).

Li Q, et al. (2026) Spatiotemporal dynamics of the human cortical functional hierarchy across the lifespan. Nature communications, 17(1).

Kim JZ, et al. (2025) Inferring intrinsic neural timescales using optimal control theory. Nature communications, 16(1), 11639.

Sun L, et al. (2025) Population-specific brain charts reveal Chinese-Western differences in neurodevelopmental trajectories. bioRxiv : the preprint server for biology.