

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

## **BALSA**

RRID:SCR\_022960

Type: Tool

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### Proper Citation

BALSA (RRID:SCR\_022960)

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### 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:** 20260821T194233+0000

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## Ratings and Alerts

No rating or validation information has been found for BALSA.

No alerts have been found for BALSA.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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.