

Resource Summary Report

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International Consortium for Brain Mapping

RRID:SCR_000445

Type: Tool

Proper Citation

International Consortium for Brain Mapping (RRID:SCR_000445)

Resource Information

URL: <https://resource.loni.usc.edu/resources/atlas/>

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Description: Probabilistic reference system for human brain, including tools to establish this reference system for structural and functional anatomy on both macroscopic (in vivo) and microscopic (post mortem) levels. Project has expanded neuroinformatics tools for data sharing and created Conforming Site System that allows laboratories worldwide to contribute data to evolving atlas. Through implementation of ICBM data sharing policy space, they are fostering data exchange while still providing for scientific credit assignment and subject confidentiality. ICBM atlas collection consists of ICBM Template, tool developed to provide reference that includes both set of coordinates and associated anatomical labels; the ICBM 452 T1 atlas, average of T1-weighted MRIs of normal young adult brains, ICBM probabilistic atlases, and Cytoarchitectonic Atlas. ICBM Subject Database is web-based database infrastructure that simplifies image dataset collection, organization and dissemination. Authorized users may view representations of data and form collections of datasets that can be downloaded or fed directly into Pipeline environment for distributed processing and analysis.

Abbreviations: ICBM

Synonyms: , ICBM Subject Database, ICBM - International Consortium for Brain Mapping, International Consortium for Brain Mapping (ICBM), ICBM Atlas

Resource Type: data or information resource, database, atlas, reference atlas

Defining Citation: [PMID:9343592](#), [PMID:11522763](#)

Keywords: Brain atlases, fmri, genetics, anatomy, architecture, atlas, brainstem, cerebellum, cortex, gray matter, histology, imaging, map, morphology, mri, neuroinformatics, pet, receptor, segmentation, subcortical, volume, warping, white matter, brain, early adult human, structural anatomy, functional anatomy, in vivo, post mortem, neuroanatomy, image collection

Funding: NIMH

Availability: Free, Freely available

Resource Name: International Consortium for Brain Mapping

Resource ID: SCR_000445

Alternate IDs: nif-0000-00103, SCR_001948, nif-0000-00041

Alternate URLs: <https://resource.loni.usc.edu/>

Old URLs: <http://www.loni.ucla.edu/ICBM/Databases/>, <http://www.loni.usc.edu/ICBM/>

Record Creation Time: 20220129T080201+0000

Record Last Update: 20260729T043959+0000

Ratings and Alerts

No rating or validation information has been found for International Consortium for Brain Mapping.

No alerts have been found for International Consortium for Brain Mapping.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Potvin O, et al. (2017) Normative morphometric data for cerebral cortical areas over the lifetime of the adult human brain. *NeuroImage*, 156, 315.

Potvin O, et al. (2017) Freesurfer cortical normative data for adults using Desikan-Killiany-Tourville and ex vivo protocols. *NeuroImage*, 156, 43.

Potvin O, et al. (2016) Normative data for subcortical regional volumes over the lifetime of the adult human brain. *NeuroImage*, 137, 9.

Miller MI, et al. (2013) High-throughput neuro-imaging informatics. *Frontiers in neuroinformatics*, 7, 31.

Luders E, et al. (2013) Meditation effects within the hippocampal complex revealed by voxel-based morphometry and cytoarchitectonic probabilistic mapping. *Frontiers in psychology*, 4, 398.

Luders E, et al. (2012) The unique brain anatomy of meditation practitioners: alterations in cortical gyrification. *Frontiers in human neuroscience*, 6, 34.