

Resource Summary Report

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NIHPD Objective 2 atlases (birth - 4.5 years)

RRID:SCR_008795

Type: Tool

Proper Citation

NIHPD Objective 2 atlases (birth - 4.5 years) (RRID:SCR_008795)

Resource Information

URL: <http://www.bic.mni.mcgill.ca/ServicesAtlases/NIHPD-obj2>

Proper Citation: NIHPD Objective 2 atlases (birth - 4.5 years) (RRID:SCR_008795)

Description: An unbiased magnetic resonance imaging template brain volume for pediatric data from birth to 4.5y age range. These volumes were created using 317 scans from 108 children enrolled in the NIH-funded MRI study of normal brain development (Almli et al., 2007, Evans and Group 2006). Templates are constructed for different age ranges. Each age range includes an average T1w, T2w, PDw maps normalized between 0 and 100. Also each age range includes a binary brain mask. Tools for using these atlases can be found in the Software section.

Abbreviations: NIHPD Objective 2 atlases (birth - 4.5 years)

Synonyms: McConnell Brain Imaging Center NIHPD Objective 2 atlases (birth - 4.5 years), BIC NIHPD Objective 2 atlases (birth - 4.5 years)

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

Keywords: pediatric, child, mri, young human, brain, template

Related Condition: Aging

Resource Name: NIHPD Objective 2 atlases (birth - 4.5 years)

Resource ID: SCR_008795

Alternate IDs: nlx_144296

Record Creation Time: 20220129T080249+0000

Record Last Update: 20260801T042654+0000

Ratings and Alerts

No rating or validation information has been found for NIHPD Objective 2 atlases (birth - 4.5 years).

No alerts have been found for NIHPD Objective 2 atlases (birth - 4.5 years).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Tuulari JJ, et al. (2025) The FinnBrain multimodal neonatal template and atlas collection. Communications biology, 8(1), 600.

Liu M, et al. (2021) Robust Cortical Thickness Morphometry of Neonatal Brain and Systematic Evaluation Using Multi-Site MRI Datasets. Frontiers in neuroscience, 15, 650082.

Blesa M, et al. (2016) Parcellation of the Healthy Neonatal Brain into 107 Regions Using Atlas Propagation through Intermediate Time Points in Childhood. Frontiers in neuroscience, 10, 220.

Vasung L, et al. (2016) Quantitative and Qualitative Analysis of Transient Fetal Compartments during Prenatal Human Brain Development. Frontiers in neuroanatomy, 10, 11.