

Resource Summary Report

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Baby Open Brains

RRID:SCR_027836

Type: Tool

Proper Citation

Baby Open Brains (RRID:SCR_027836)

Resource Information

URL: <https://doi.org/10.17605/OSF.IO/WDR78>

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Description: Open source resource of manually curated and expert reviewed infant brain segmentations hosted on OpenNeuro.org. and OSF.io. Anatomical MRI data was segmented from 71 infant imaging visits across 51 participants, using both T1w and T2w images per visit. Images showed dramatic differences in myelination and intensities across 1–9 months, emphasizing the need for densely sampled gold-standard segmentations across early life. This dataset provides a benchmark for evaluating and improving pipelines dependent upon segmentations in the youngest populations. As such, this dataset provides a vitally needed foundation for early-life large-scale studies such as HBCD.

Synonyms: , BOBs, Baby Open Brains (BOBs) Dataset

Resource Type: data or information resource, data set

Defining Citation: [PMID:40813378](#)

Keywords: MRI, image, dataset of infant brain segmentations, infant brain, brain segmentation, manually curated infant brain segmentations,

Funding: Bill & Melinda Gates Foundation ;

NIDA U01DA041148;

NIDA U24DA055330;

NIMH R01 MH104324;

NIMH R01MH096773;

NIMH R01MH125829;

NIMH R37MH125829;

NIMH U01 MH110274;

NINDS T32 NS109604

Availability: Free, Freely available,

Resource Name: Baby Open Brains

Resource ID: SCR_027836

Record Creation Time: 20260103T054312+0000

Record Last Update: 20260829T183538+0000

Ratings and Alerts

No rating or validation information has been found for Baby Open Brains.

No alerts have been found for Baby Open Brains.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.