

Resource Summary Report

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fMRIPrep

RRID:SCR_016216

Type: Tool

Proper Citation

fMRIPrep (RRID:SCR_016216)

Resource Information

URL: <https://fmriprep.org>

Proper Citation: fMRIPrep (RRID:SCR_016216)

Description: Software tool as robust preprocessing pipeline for functional MRI.Used for preprocessing of diverse fMRI data.

Synonyms: fMRIPrep, FMRI PREP

Resource Type: software application, image processing software, software resource, data processing software

Defining Citation: [PMID:30532080](#), [PMID:32514178](#)

Keywords: Processing data, fmri, neuroimaging, coregistration, normalization, unwarping, noise, component, extraction, segmentation, skullstripping

Funding: Laura and John Arnold Foundation ;

NIDCR UL1 DE019580;

NIMH RL1 MH083268;

NIMH RL1 MH083269;

NIMH RL1 DA024853;

NIMH RL1 MH083270;

NIMH PL1 MH083271;

NLM RL1 LM009833;

NINDS PL1 NS062410

Availability: Free, Available for download, Freely available

Resource Name: fMRIPrep

Resource ID: SCR_016216

Alternate URLs: <https://zenodo.org/record/1219187#.WuDIO4jwZPY>

License: BSD 3 Clause

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260728T043513+0000

Ratings and Alerts

No rating or validation information has been found for fMRIPrep.

No alerts have been found for fMRIPrep.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1190 mentions in open access literature.

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

H??kansson G, et al. (2026) Motor performance and higher associative cortical networks in adolescents with neonatal hypoxic-ischaemic encephalopathy treated with therapeutic hypothermia. *Developmental medicine and child neurology*, 68(1), 99.

Vijayarajah S, et al. (2026) Developmental differences in hippocampal long-axis contributions to memory precision. *Developmental cognitive neuroscience*, 77, 101654.

Li Y, et al. (2026) Shannon Entropy of Gray Matter Eigenmodes: A Novel Biomarker for Alzheimer's Disease and Heterogeneous MCI Trajectories. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(1), e11614.

Kashiwagi Y, et al. (2026) Generalizable stratification based on thalamo-somatomotor functional connectivity predicts responses to antidepressants in patients with depression. *Molecular psychiatry*, 31(1), 270.

West JT, et al. (2026) Exploring the neural underpinnings of semantic and perceptual false memory formation. *Neuropsychologia*, 221, 109332.

Reyes H, et al. (2026) Examining functional connectivity in metabolic syndrome and small vessel disease: A novel approach to understanding olfactory dysfunction and Alzheimer's disease. *Brain research*, 1872, 150084.

Wu S, et al. (2026) Forgiveness updates interpersonal memories to be less negative. *Emotion (Washington, D.C.)*.

Melis M, et al. (2025) The impact of mindfulness on working memory-related brain activation in breast cancer survivors with cognitive complaints. *Journal of cancer survivorship : research and practice*, 19(2), 507.

Heukamp NJ, et al. (2025) Beyond the chronic pain stage: default mode network perturbation depends on years lived with back pain. *Pain*, 166(1), 160.

Koc D, et al. (2025) Perinatal Maternal Depressive Symptoms and Brain Connectivity Among 9- to 15-Year-Old Offspring. *JAMA network open*, 8(7), e2523978.

Yamashita O, et al. (2025) Computational mechanisms of neuroimaging biomarkers uncovered by multicenter resting-state fMRI connectivity variation profile. *Molecular psychiatry*, 30(11), 5463.

Livingston NR, et al. (2025) Diazepam modulates hippocampal CA1 functional connectivity in people at clinical high-risk for psychosis. *Psychological medicine*, 55, e230.

Zhao K, et al. (2025) Functional Connectome of Superagers Reveals Early Markers of Resilience and Vulnerability to Alzheimer's Disease. *bioRxiv : the preprint server for biology*.

Mitchell JL, et al. (2025) Visual Word Form Area demonstrates individual and task-agnostic consistency but inter-individual variability. *bioRxiv : the preprint server for biology*.

Badarnee M, et al. (2025) Neural Representation of Associative Threat Learning in Pulvinar Divisions, Lateral Geniculate Nucleus, and Mediodorsal Thalamus in Humans. *bioRxiv : the preprint server for biology*.

Webb L, et al. (2025) Altered striatal functional gradients in obsessive-compulsive disorder. *medRxiv : the preprint server for health sciences*.

Liu X, et al. (2025) Episode-specific cortical functional connectome reorganization and neurobiological correlates in bipolar disorder: a cross-sectional study. *BMC medicine*, 23(1), 457.

Prakash RS, et al. (2025) A whole-brain functional connectivity model of Alzheimer's disease pathology. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(1), e14349.

Chang K, et al. (2025) Improving the reliability and accuracy of population receptive field measures using a logarithmically warped stimulus. *Journal of vision*, 25(1), 5.

Yang G, et al. (2025) Cost-benefit tradeoff mediates the transition from rule-based to memory-based processing during practice. *PLoS biology*, 23(1), e3002987.