

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

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 PL1 MH083271;

NIMH RL1 DA024853;

NIMH RL1 MH083268;

NIMH RL1 MH083269;

NIMH RL1 MH083270;

NINDS PL1 NS062410;

NLM RL1 LM009833

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: 20260829T182535+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 1457 mentions in open access literature.

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

Johansson ME, et al. (2026) Parkinson's disease progression is shaped by longitudinal changes in cerebral compensation. *Brain : a journal of neurology*, 149(1), 194.

Brandman T, et al. (2026) An fMRI-informed EEG model of the amygdala is associated with salience network dynamics during naturalistic emotional stimulation. *Molecular psychiatry*, 31(5), 2520.

Wang X, et al. (2026) Cerebellar-Basal Ganglia Dysconnectivity in Schizophrenia: Insights into Motivational Deficits. *Schizophrenia bulletin*, 52(2).

Mohamed AZ, et al. (2026) The ASPIRE Research Institute Dataset: Building a Foundation for Brain Health Research in the United Arab Emirates. *Scientific data*, 13(1), 186.

He R, et al. (2026) Reduced linguistic coherence in psychosis defies semantic similarity accounts and relates to altered large-scale cortical hierarchy. *Scientific reports*, 16(1).

Molloy MF, et al. (2026) Decreased sleep is linked longitudinally and directionally to alterations in the brain's intrinsic functional architecture. *Developmental cognitive neuroscience*, 78, 101668.

Huang M, et al. (2026) Shared and distinct spontaneous brain activity pattern in crohn's disease and ulcerative colitis: evidence from cortical surface-based analysis. *BMC gastroenterology*, 26(1), 112.

Prakash RS, et al. (2026) Feasibility of Internet-Based Mind-Body Training for Adults With Subjective Cognitive Decline: Protocol for a Randomized Controlled Trial. *JMIR research protocols*, 15, e86276.

Ferreira SM, et al. (2026) Age-specific relationship between the modulation of brain dynamics in response to task demands and bimanual performance. *Aging*, 18(1), 159.

Zhang Q, et al. (2026) Mapping Individualized Dual-Axis Network Topology in Focal Epilepsy: Divergent Alterations in System Integrity, Integration, and Clinical Correlates. *bioRxiv : the preprint server for biology*.

Cohen AO, et al. (2026) Neural Representations of Reward-Related Memories Shift across Development. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 46(11).

Zoh Y, et al. (2026) Decomposing the neurocomputational mechanisms of deontological moral preferences. *PNAS nexus*, 5(4), pgag074.

Lau JKL, et al. (2026) Role of the striatum in counterfactual information seeking. *Social cognitive and affective neuroscience*, 21(1).

Zakrzewski JJ, et al. (2026) Repetitive transcranial magnetic stimulation (rTMS) for comorbid major depressive disorder and hoarding disorder: An open label pilot study. *Journal of affective disorders*, 407, 121814.

Wu K, et al. (2026) Predicting Potential Treatment Targets for Fatigue in Chronic Fatigue Syndrome Using Thalamic Seeding. *Brain and behavior*, 16(4), e71428.

Cooper SE, et al. (2026) Augmenting extinction with counterconditioning strengthens and sustains neural safety representations in PTSD. *Translational psychiatry*, 16(1).

Magnuson JR, et al. (2026) Continuous Theta Burst Stimulation Inhibits Contralesional Parietal and Occipital Activity During Imagined Movements After Stroke. *The European journal of neuroscience*, 63(8), e70519.

Rezaei A, et al. (2026) The retrieval of previously learned motor memories is facilitated by the reinstatement of default mode network manifold structures. *PLoS biology*, 24(3), e3003684.

Lamprou C, et al. (2026) VarCoNet: A Variability-Aware Self-Supervised Framework for Functional Connectome Extraction From Resting-State fMRI. *Human brain mapping*, 47(4), e70469.

Xia Y, et al. (2026) MAMBxBrain: A Multi-task Neural Framework Linking Brain Functional Dynamics to Individual Fingerprints, Cognitive and Disease States. *bioRxiv : the preprint server for biology*.