

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

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: image processing software, software resource, software application, 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: 20260808T190050+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 [SPARC SAWG](#) .

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).

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).

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.

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.

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.

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.

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

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.

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

Dima DC, et al. (2026) Distinct perceptual and conceptual representations of natural actions along the lateral and dorsal visual streams. *Communications biology*, 9(1).

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

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.

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*.

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

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.

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.

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.

Lotter LD, et al. (2026) Linking human brain functional connectivity to underlying neurotransmission. *bioRxiv : the preprint server for biology*.