

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 resource, image processing software, 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: 20250516T054120+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 791 mentions in open access literature.

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

Zheng S, et al. (2025) Dysfunctional large-scale brain networks in drug-naïve depersonalization-derealization disorder patients. BMC psychiatry, 25(1), 59.

Fang Y, et al. (2025) Reward Decision Network Disconnection in Poststroke Apathy: A Prospective Multimodality Imaging Study. Human brain mapping, 46(2), e70139.

Wang C, et al. (2025) Brain surface area and function alterations are correlated with cognition in patients with end-stage renal disease. Quantitative imaging in medicine and surgery, 15(1), 217.

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.

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 YY, et al. (2025) The integration of self-efficacy and response-efficacy in decision making. *Scientific reports*, 15(1), 1789.

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.

Theis N, et al. (2025) Energy of Functional Brain States Correlates With Cognition in Adolescent-Onset Schizophrenia and Healthy Persons. *Human brain mapping*, 46(1), e70129.

Liang Q, et al. (2025) Symptom-based depression subtypes: brain dynamic specificity and its association with gene expression profiles. *Translational psychiatry*, 15(1), 33.

Schmitz CN, et al. (2025) Functional resting state connectivity is differentially associated with IL-6 and TNF- α in depression and in healthy controls. *Scientific reports*, 15(1), 1769.

Mitchell JL, et al. (2025) Small or absent Visual Word Form Area is a trait of dyslexia. *bioRxiv : the preprint server for biology*.

Isherwood S, et al. (2025) Multi-study fMRI outlooks on subcortical BOLD responses in the stop-signal paradigm. *eLife*, 12.

Ge W, et al. (2025) Dissociable ventral and dorsal sensorimotor functional circuits linking the hypomanic personality traits to aggression via behavioral inhibition system. *International journal of clinical and health psychology : IJCHP*, 25(1), 100537.

Hu B, et al. (2025) Sequence of episodic memory-related behavioral and brain-imaging abnormalities in type 2 diabetes. *Nutrition & diabetes*, 15(1), 1.

Tashjian SM, et al. (2025) Subregions in the ventromedial prefrontal cortex integrate threat and protective information to meta-represent safety. *PLoS biology*, 23(1), e3002986.

Kwon D, et al. (2025) Coordinated representations for naturalistic memory encoding and retrieval in hippocampal neural subspaces. *Nature communications*, 16(1), 641.

Linhardt D, et al. (2025) Biases in Volumetric Versus Surface Analyses in Population Receptive Field Mapping. *Human brain mapping*, 46(2), e70140.

Weuthen A, et al. (2025) Error-driven upregulation of memory representations. *Communications psychology*, 3(1), 17.

Widegren E, et al. (2025) Fear extinction retention in children, adolescents, and adults. *Developmental cognitive neuroscience*, 71, 101509.

Chen Q, et al. (2025) Dynamic switching between brain networks predicts creative ability. *Communications biology*, 8(1), 54.