

Resource Summary Report

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[FMRIpower](#)

RRID:SCR_009576

Type: Tool

Proper Citation

FMRIpower (RRID:SCR_009576)

Resource Information

URL: <http://fmripower.org>

Proper Citation: FMRIpower (RRID:SCR_009576)

Description: An easy to use matlab-based graphical user interface that calculates power for future studies based on older analyses or pilot data.

Abbreviations: fmripower

Resource Type: software application, software resource

Defining Citation: [PMID:17919925](#)

Keywords: analyze, linear, matlab, magnetic resonance, nifti, regression, statistical operation, fmri

Availability: Public Domain

Resource Name: FMRIpower

Resource ID: SCR_009576

Alternate IDs: nlx_155757

Alternate URLs: <http://www.nitrc.org/projects/fmripower>

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260805T044224+0000

Ratings and Alerts

No rating or validation information has been found for FMRIpower.

No alerts have been found for FMRIpower.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Murgueitio N, et al. (2024) Testing a Conceptual Model of Early Adversity, Neural Function, and Psychopathology: Protocol for a Retrospective Observational Cohort Study. JMIR research protocols, 13, e59636.

Andin J, et al. (2023) Arithmetic in the signing brain: Differences and similarities in arithmetic processing between deaf signers and hearing non-signers. Journal of neuroscience research, 101(1), 172.

Li WO, et al. (2022) A systematic examination of the neural correlates of subjective time perception with fMRI and tDCS. Neurolmage, 260, 119368.

Farb NAS, et al. (2022) Static and treatment-responsive brain biomarkers of depression relapse vulnerability following prophylactic psychotherapy: Evidence from a randomized control trial. Neurolmage. Clinical, 34, 102969.

Donne J, et al. (2022) Two-point discrimination responses in children with idiopathic toe walking: A feasibility fMRI study. Science progress, 105(4), 368504221132141.

Hazlett LI, et al. (2021) Exploring neural mechanisms of the health benefits of gratitude in women: A randomized controlled trial. Brain, behavior, and immunity, 95, 444.

Inagaki TK, et al. (2020) The Resting Brain Sets Support-Giving in Motion: Dorsomedial Prefrontal Cortex Activity During Momentary Rest Primes Supportive Responding. Cerebral cortex communications, 1(1), tgaa081.

Flournoy JC, et al. (2020) Improving practices and inferences in developmental cognitive neuroscience. Developmental cognitive neuroscience, 45, 100807.

Bendell C, et al. (2020) Low-level carbon monoxide exposure affects BOLD fMRI response. Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism, 40(11), 2215.

Botvinik-Nezer R, et al. (2020) Enhanced Bottom-Up and Reduced Top-Down fMRI Activity Is Related to Long-Lasting Nonreinforced Behavioral Change. Cerebral cortex (New York, N.Y. : 1991), 30(3), 858.

Evans SL, et al. (2020) Mid age APOE ϵ 4 carriers show memory-related functional differences and disrupted structure-function relationships in hippocampal regions. Scientific reports, 10(1), 3110.

Aridan N, et al. (2019) Neural correlates of effort-based valuation with prospective choices. *NeuroImage*, 185, 446.

Ernst TM, et al. (2019) The cerebellum is involved in processing of predictions and prediction errors in a fear conditioning paradigm. *eLife*, 8.

Moayedi M, et al. (2018) Pain Neuroimaging in Humans: A Primer for Beginners and Non-Imagers. *The journal of pain*, 19(9), 961.e1.

Lombardo MV, et al. (2016) Improving effect size estimation and statistical power with multi-echo fMRI and its impact on understanding the neural systems supporting mentalizing. *NeuroImage*, 142, 55.

Soares JM, et al. (2016) A Hitchhiker's Guide to Functional Magnetic Resonance Imaging. *Frontiers in neuroscience*, 10, 515.