

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

Functional

RRID:SCR_027832

Type: Tool

Proper Citation

Functional (RRID:SCR_027832)

Resource Information

URL: <https://github.com/HarmonizedMRI/Functional>

Proper Citation: Functional (RRID:SCR_027832)

Description: Software application for vendor-neutral, open-source acquisition and reconstruction protocols for fully harmonized multi-site functional MRI studies.

Resource Type: source code, software application, software resource

Keywords: acquisition and reconstruction protocols, harmonized multi-site functional MRI studies, functional MRI,

Availability: Free, Available for download, Freely available

Resource Name: Functional

Resource ID: SCR_027832

License: MIT license

Record Creation Time: 20251223T060259+0000

Record Last Update: 20260815T183309+0000

Ratings and Alerts

No rating or validation information has been found for Functional.

No alerts have been found for Functional.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Hidalgo-Lopez E, et al. (2025) Sex, Neural Networks, and Behavioral Symptoms Among Adolescents With Multisite Pain. JAMA network open, 8(4), e255364.

Caravaggio F, et al. (2022) The effects of acute dopamine depletion on resting-state functional connectivity in healthy humans. European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology, 57, 39.

Woodside DB, et al. (2021) A pilot trial of repetitive transcranial magnetic stimulation of the dorsomedial prefrontal cortex in anorexia nervosa: resting fMRI correlates of response. Journal of eating disorders, 9(1), 52.

Zhang M, et al. (2021) Knowing what you need to know in advance: The neural processes underpinning flexible semantic retrieval of thematic and taxonomic relations. NeuroImage, 224, 117405.

Clark RA, et al. (2020) Eigenvector alignment: Assessing functional network changes in amnesic mild cognitive impairment and Alzheimer's disease. PloS one, 15(8), e0231294.

Wang HT, et al. (2020) Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. Scientific reports, 10(1), 11904.

Gharib S, et al. (2020) The neural basis of hazard perception differences between novice and experienced drivers - An fMRI study. EXCLI journal, 19, 547.

Ho NSP, et al. (2020) Facing up to the wandering mind: Patterns of off-task laboratory thought are associated with stronger neural recruitment of right fusiform cortex while processing facial stimuli. NeuroImage, 214, 116765.

Baker J, et al. (2019) Reduced brainstem functional connectivity in patients with peripheral autonomic failure. NeuroImage. Clinical, 23, 101924.

Möller A, et al. (2017) Transcranial Electric Stimulation Can Impair Gains during Working Memory Training and Affects the Resting State Connectivity. Frontiers in human neuroscience, 11, 364.

Vega JN, et al. (2016) Altered Brain Connectivity in Early Postmenopausal Women with Subjective Cognitive Impairment. Frontiers in neuroscience, 10, 433.

DiGangi JA, et al. (2016) Reduced default mode network connectivity following combat trauma. Neuroscience letters, 615, 37.

Benito-León J, et al. (2015) Altered Functional Connectivity in Essential Tremor: A Resting-State fMRI Study. Medicine, 94(49), e1936.

Yan H, et al. (2012) Functional and anatomical connectivity abnormalities in cognitive division of anterior cingulate cortex in schizophrenia. PloS one, 7(9), e45659.