Resource Summary Report

Generated by dkNET on Aug 22, 2026

1000 Functional Connectomes Project

RRID:SCR_005361
Type: Tool

Proper Citation

1000 Functional Connectomes Project (RRID:SCR_005361)

Resource Information

URL: http://fcon_1000.projects.nitrc.org/

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Description: Collection of resting state fMRI (R-fMRI) datasets from sites around world. It demonstrates open sharing of R-fMRI data and aims to emphasize aggregation and sharing of well-phenotyped datasets.

Abbreviations: INDI, 1000 FCP, FCP

Synonyms: INDI, International Neuroimaging Data-Sharing Initiative, fcon_1000, Functional Connectomes Project International Neuroimaging Data-Sharing Initiative (FCP/INDI), 1000 Functional Connectomes Project, FCP/INDI

Resource Type: catalog, data or information resource, data repository, database, image collection, image repository, portal, project portal, service resource, storage service resource

Defining Citation: PMID:23133413, PMID:23123682

Keywords: resting state functional mri, fmri, brain, neuroimaging, phenotype, function, data sharing, human, mri, r-fmri, rs-fmri, fc-fmri, rs--fcmri, resting-state, dicom, dti, child, adolescent, brain imaging, neuroinformatics, adult human, phenotype, data set, FASEB list

Funding: NITRIC

Availability: Restricted

Resource Name: 1000 Functional Connectomes Project

Resource ID: SCR_005361

Alternate IDs: SCR_015771, nlx_144428, r3d100011565, r3d100011555

Alternate URLs: http://www.nitrc.org/projects/fcon_1000/, https://doi.org/10.17616/R3W05R, https://doi.org/10.17616/R35H0H

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Record Last Update: 20260821T193743+0000

Ratings and Alerts

No rating or validation information has been found for 1000 Functional Connectomes Project.

No alerts have been found for 1000 Functional Connectomes Project.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Pouyan N, et al. (2026) Acute effects of nitrous oxide on visual processing: a connectome study in healthy adults. Research square.

Guo L, et al. (2025) Damage Resistance of an fMRI-Spiking Neural Network Based on Speech Recognition Against Stochastic Attack. Biomimetics (Basel, Switzerland), 10(7).

Li Y, et al. (2024) Cross-species alignment along the chronological axis reveals evolutionary effect on structural development of the human brain. eLife, 13.

Metzen D, et al. (2024) Investigating robust associations between functional connectivity based on graph theory and general intelligence. Scientific reports, 14(1), 1368.

Winters DE, et al. (2023) Executive function and underlying brain network distinctions for callous-unemotional traits and conduct problems in adolescents. bioRxiv : the preprint server for biology.

Li Y, et al. (2022) A Novel Constrained Non-negative Matrix Factorization Method for Group Functional Magnetic Resonance Imaging Data Analysis of Adult Attention-Deficit/Hyperactivity Disorder. Frontiers in neuroscience, 16, 756938.

Wang X, et al. (2021) Reducing Inter-Site Variability for Fluctuation Amplitude Metrics in Multisite Resting State BOLD-fMRI Data. Neuroinformatics, 19(1), 23.

Yin D, et al. (2019) A graph representation of functional diversity of brain regions. Brain and behavior, 9(9), e01358.

Conrin SD, et al. (2018) From Default Mode Network to the Basal Configuration: Sex Differences in the Resting-State Brain Connectivity as a Function of Age and Their Clinical Correlates. Frontiers in psychiatry, 9, 365.

Hilger K, et al. (2017) Intelligence is associated with the modular structure of intrinsic brain networks. Scientific reports, 7(1), 16088.

Jiao Y, et al. (2017) Predictive models of minimal hepatic encephalopathy for cirrhotic patients based on large-scale brain intrinsic connectivity networks. Scientific reports, 7(1), 11512.

Zhan L, et al. (2017) The significance of negative correlations in brain connectivity. The Journal of comparative neurology, 525(15), 3251.

Wang H, et al. (2016) Single-subject morphological brain networks: connectivity mapping, topological characterization and test-retest reliability. Brain and behavior, 6(4), e00448.

Nair VA, et al. (2015) Functional connectivity changes in the language network during stroke recovery. Annals of clinical and translational neurology, 2(2), 185.

Porter JN, et al. (2015) Age-related changes in the intrinsic functional connectivity of the human ventral vs. dorsal striatum from childhood to middle age. Developmental cognitive neuroscience, 11, 83.

Dacosta-Aguayo R, et al. (2014) Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. Human brain mapping, 35(8), 3819.

Goelman G, et al. (2014) Maximizing negative correlations in resting-state functional connectivity MRI by time-lag. PloS one, 9(11), e111554.

Rojas GM, et al. (2014) Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. Frontiers in neuroscience, 8, 328.

Mathys C, et al. (2014) An age-related shift of resting-state functional connectivity of the subthalamic nucleus: a potential mechanism for compensating motor performance decline in older adults. Frontiers in aging neuroscience, 6, 178.

Adolf D, et al. (2014) Increasing the reliability of data analysis of functional magnetic resonance imaging by applying a new blockwise permutation method. Frontiers in neuroinformatics, 8, 72.