Resource Summary Report

Generated by dkNET on May 12, 2025

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

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

Alternate URLs: http://www.nitrc.org/projects/fcon_1000/

Record Creation Time: 20220129T080229+0000

Record Last Update: 20250509T055723+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 46 mentions in open access literature.

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

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.

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

Nastase SA, et al. (2021) The "Narratives" fMRI dataset for evaluating models of naturalistic language comprehension. Scientific data, 8(1), 250.

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.

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.

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.

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.

Yu D, et al. (2013) Additional brain functional network in adults with attention-deficit/hyperactivity disorder: a phase synchrony analysis. PloS one, 8(1), e54516.

Koyama MS, et al. (2013) Cortical signatures of dyslexia and remediation: an intrinsic functional connectivity approach. PloS one, 8(2), e55454.