

Resource Summary Report

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Translational Research in Neuroimaging and Data Science datasets

RRID:SCR_021013

Type: Tool

Proper Citation

Translational Research in Neuroimaging and Data Science datasets (RRID:SCR_021013)

Resource Information

URL: <https://trendscenter.org/data/>

Proper Citation: Translational Research in Neuroimaging and Data Science datasets (RRID:SCR_021013)

Description: Neuroimaging datasets available from TReNDs including resting state MRI.

Synonyms: TReNDS

Resource Type: data or information resource, data set

Keywords: Neuroimaging datasets, fMRI, TReNDs data, resting state MRI

Availability: Free, Available for download, Freely available

Resource Name: Translational Research in Neuroimaging and Data Science datasets

Resource ID: SCR_021013

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260808T042921+0000

Ratings and Alerts

No rating or validation information has been found for Translational Research in Neuroimaging and Data Science datasets.

No alerts have been found for Translational Research in Neuroimaging and Data Science datasets.

Data and Source Information

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Fu Z, et al. (2026) Robustness of NeuroMark-Derived Functional Networks to fMRI Spatial Normalization Across the Human Lifespan. bioRxiv : the preprint server for biology.

Itkyl VS, et al. (2026) Investigating white matter functional network connectivity across the Alzheimer's disease spectrum using resting-state fMRI. Frontiers in neuroimaging, 5, 1796824.

Zhang EZ, et al. (2026) Visuospatial cognition in people with Parkinson's disease: a pilot study assessing a block span task using fMRI. Frontiers in human neuroscience, 20, 1762612.

Kuang LD, et al. (2026) CCPD under sparsity and low-rank constraints: multi-frequency dynamic functional network connectivity analysis in schizophrenia. Frontiers in neuroscience, 20, 1775687.

Li Q, et al. (2026) Spatiotemporal complexity in the psychotic brain. Molecular psychiatry, 31(4), 2014.

Itkyl VS, et al. (2026) Investigating White Matter Functional Network Connectivity Across the Alzheimer's Disease Spectrum Using Resting-State fMRI. bioRxiv : the preprint server for biology.

Li Q, et al. (2026) Deciphering multiway multiscale brain network connectivity from birth to 6 months. Communications biology, 9(1), 271.

Jensen KM, et al. (2026) NeuroMark-SZ: A Holistic Resting-State-fMRI-Based Model for Divergent Functional Circuitry in Schizophrenia. bioRxiv : the preprint server for biology.

Ballem R, et al. (2025) Mapping the Psychosis Spectrum - Imaging Neurosubtypes from Multi-Scale Functional Network Connectivity. bioRxiv : the preprint server for biology.

Li Q, et al. (2025) Deciphering Multiway Multiscale Brain Network Connectivity: Insights from Birth to 6 Months. bioRxiv : the preprint server for biology.

Li Q, et al. (2025) Higher-Order Triadic Interactions: Insights Into the Multiscale Network Organization in Schizophrenia. Human brain mapping, 46(16), e70399.

Bajracharya P, et al. (2025) LINKING MULTI-SCALE BRAIN CONNECTIVITY WITH VIGILANCE, WORKING MEMORY, AND BEHAVIOR IN ADOLESCENTS. bioRxiv : the preprint server for biology.

Li Q, et al. (2025) Spatiotemporal Complexity in the Psychotic Brain. bioRxiv : the preprint server for biology.

Feng G, et al. (2025) Cellular and molecular associations with intrinsic brain organization. *Nature communications*, 16(1), 11641.

Li Q, et al. (2025) Altered Functional Network Energy Across Multiscale Brain Networks in Preterm vs. Full-Term Subjects: Insights from the Adolescent Brain Cognitive Development (ABCD) Study. *bioRxiv* : the preprint server for biology.

Cotelli M, et al. (2025) A multi-modal approach for the treatment of non-fluent/agrammatic variant of Primary Progressive Aphasia. *Brain communications*, 7(5), fcaf295.

Fu Z, et al. (2024) Searching Reproducible Brain Features using NeuroMark: Templates for Different Age Populations and Imaging Modalities. *NeuroImage*, 292, 120617.

Warren SL, et al. (2024) Assistive tools for classifying neurological disorders using fMRI and deep learning: A guide and example. *Brain and behavior*, 14(6), e3554.

Jensen KM, et al. (2024) Addressing inconsistency in functional neuroimaging: A replicable data-driven multi-scale functional atlas for canonical brain networks. *bioRxiv* : the preprint server for biology.

Duda M, et al. (2023) Reliability and clinical utility of spatially constrained estimates of intrinsic functional networks from very short fMRI scans. *Human brain mapping*, 44(6), 2620.