

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

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 set, data or information resource

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: 20260801T042829+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 16 mentions in open access literature.

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

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.

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.

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

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

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

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.

Zarghami TS, et al. (2023) Dysconnection and cognition in schizophrenia: A spectral dynamic causal modeling study. Human brain mapping, 44(7), 2873.

Iraji A, et al. (2023) Identifying canonical and replicable multi-scale intrinsic connectivity networks in 100k+ resting-state fMRI datasets. Human brain mapping, 44(17), 5729.

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.

Semmel ES, et al. (2023) Graph analysis of resting state functional brain networks and associations with cognitive outcomes in survivors of pediatric brain tumor. *Neuroimage. Reports*, 3(2), 100178.

Mahmood U, et al. (2022) Through the looking glass: Deep interpretable dynamic directed connectivity in resting fMRI. *NeuroImage*, 264, 119737.

Vergara VM, et al. (2020) Filtered correlation and allowed frequency spectra in dynamic functional connectivity. *Journal of neuroscience methods*, 343, 108837.