Resource Summary Report

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ADHD-200 Preprocessed Data

RRID:SCR_000576
Type: Tool

Proper Citation

ADHD-200 Preprocessed Data (RRID:SCR_000576)

Resource Information

URL: http://neurobureau.projects.nitrc.org/ADHD200/Introduction.html

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Description: Preprocessed versions of the ADHD-200 Global Competition data including both preprocessed versions of structural and functional datasets previously made available by the ADHD-200 consortium, as well as initial standard subject-level analyses. The ADHD-200 Sample is pleased to announce the unrestricted public release of 776 resting-state fMRI and anatomical datasets aggregated across 8 independent imaging sites, 491 of which were obtained from typically developing individuals and 285 in children and adolescents with ADHD (ages: 7-21 years old). Accompanying phenotypic information includes: diagnostic status, dimensional ADHD symptom measures, age, sex, intelligence quotient (IQ) and lifetime medication status. Preliminary quality control assessments (usable vs. questionable) based upon visual timeseries inspection are included for all resting state fMRI scans. In accordance with HIPAA guidelines and 1000 Functional Connectomes Project protocols, all datasets are anonymous, with no protected health information included. They hope this release will open collaborative possibilities and contributions from researchers not traditionally addressing brain data so for those whose specialties lay outside of MRI and fMRI data processing, the competition is now one step easier to join. The preprocessed data is being made freely available through efforts of The Neuro Bureau as well as the ADHD-200 consortium. They ask that you acknowledge both of these organizations in any publications (conference, journal, etc.) that make use of this data. None of the preprocessing would be possible without the freely available imaging analysis packages, so please also acknowledge the relevant packages and resources as well as any other specific release related acknowledgements. You must be logged into NITRC to download the ADHD-200 datasets, http://www.nitrc.org/projects/neurobureau

Abbreviations: ADHD-200 Preprocessed Data

Resource Type: data set, data or information resource

Keywords: mri, fmri, brain, neuroimaging, attention deficit-hyperactivity disorder, anatomical, resting state, child, adolescent, human, young, early adult human, functional imaging, structural imaging

Related Condition: Attention deficit-hyperactivity disorder

Funding:

Availability: Free, Public, Account required, Acknowledgement requested

Resource Name: ADHD-200 Preprocessed Data

Resource ID: SCR_000576

Alternate IDs: nlx_144425

Alternate URLs:
http://www.nitrc.org/ir/app/template/XDATScreen_report_xnat_projectData.vm/search_element/xnat:pro

Record Creation Time: 20220129T080202+0000

Record Last Update: 20250522T055859+0000

Ratings and Alerts

No rating or validation information has been found for ADHD-200 Preprocessed Data.

No alerts have been found for ADHD-200 Preprocessed Data.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sevilla-Salcedo C, et al. (2020) Regularized Bagged Canonical Component Analysis for Multiclass Learning in Brain Imaging. Neuroinformatics, 18(4), 641.

Olivetti E, et al. (2012) ADHD diagnosis from multiple data sources with batch effects. Frontiers in systems neuroscience, 6, 70.

Dai D, et al. (2012) Classification of ADHD children through multimodal magnetic resonance imaging. Frontiers in systems neuroscience, 6, 63.

, et al. (2012) The ADHD-200 Consortium: A Model to Advance the Translational Potential of Neuroimaging in Clinical Neuroscience. Frontiers in systems neuroscience, 6, 62.