

Study 721: Adolescent Brain Cognitive Development Study (ABCD) 2.0.1 release

Principal Investigator:

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Investigators:

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Abstract:

Due to reporting compilation and processing errors in 2.0 Data Release, a 2.0.1 Fix Release has been issued. Please ensure curated data (datasheets, minimally processed data) from the original Data Release 2.0 are replaced with data from 2.0.1 Fix Release. The following release notes were updated to reflect these changes:

NDA 2.0.1 Release Notes ABCD README FIRST

NDA 2.0.1 Release Notes Imaging Instruments

NDA 2.0.1 Changes and Known Issues Fix Release 2.0.1

NDA 2.0.1 Diffusion Magnetic Resonance Imaging

NDA 2.0.1 Task-Based Functional Magnetic Resonance Imaging

NDA 2.0.1 Mental Health

NDA 2.0.1 Genetics

Registered users can obtain more information from <https://nda.nih.gov/study.html?id=721>, and access updated data via Option One or Option Two using the NDA Query Tool -

<https://nda.nih.gov/general-query.html>. For downloading only updated minimally processed imaging data, add the Minimally Processed "Release 2.0.1" to the Workspace via Option Two.

Study Cohorts:

Cohort # - Cohort Type - Cohort Name - Age From - Age To - Add'l Criteria (Subject Count):

#862 - Baseline - ABCD 2.0.1 data release - 107 - 153 - None (884485)

Cohort Hierarchy:

Cohort # - Name - Attribute

Study Measures:

Primary Measures

fmrresults01 - Processed MRI Data

Secondary Measures

abcd_mri01 - ABCD MRI Info

abcd_asrs01 - ABCD Parent Adult Self Report Scores Aseba (ASR)

abcd_via01 - ABCD Parent Vancouver Index of Acculturation-Short Survey (VIA)

abcd_midabwdp01 - ABCD Task fMRI MID Average Beta Weights Destrieux Parcellations Part 1

abcd_midabwdp202 - ABCD Task fMRI MID Average Beta Weights Destrieux Parcellations Part 2

midaparc03 - ABCD Task fMRI MID Average Beta Weights Part 1

midaparc203 - ABCD Task fMRI MID Average Beta Weights Part 2

abcd_midasemdp101 - ABCD Task fMRI MID Average SEM Destrieux Parcellations Part 1

abcd_midasemdp202 - ABCD Task fMRI MID Average SEM Destrieux Parcellations Part 2

abcd_midasemp102 - ABCD Task fMRI MID Average Standard Error of the Mean Part 1

abcd_midasemp202 - ABCD Task fMRI MID Average Standard Error of the Mean Part 2

abcd_midr1bwdp101 - ABCD Task fMRI MID Run 1 Beta Weights Destrieux Parcellations Part 1

abcd_midr1bwdp202 - ABCD Task fMRI MID Run 1 Beta Weights Destrieux Parcellations Part 2

abcd_midr1bwp102 - ABCD Task fMRI MID Run 1 Beta Weights Part 1

abcd_midr1bwp202 - ABCD Task fMRI MID Run 1 Beta Weights Part 2

abcd_tmidr1semdep101 - ABCD Task fMRI MID Run 1 SEM Destrieux Parcellations Part 1

abcd_tmidr1semdep202 - ABCD Task fMRI MID Run 1 SEM Destrieux Parcellations Part 2

abcd_midsemp102 - ABCD Task fMRI MID Run 1 Standard Error of the Mean Part 1

abcd_midsemp202 - ABCD Task fMRI MID Run 1 Standard Error of the Mean Part 2

abcd_tr2bwdp01 - ABCD Task fMRI MID Run 2 Beta Weights Destrieux Parcellations Part 1

abcd_tr2bwdp202 - ABCD Task fMRI MID Run 2 Beta Weights Destrieux Parcellations Part 2

midr2bwp102 - ABCD Task fMRI MID Run 2 Beta Weights Part 1

midr2bwp202 - ABCD Task fMRI MID Run 2 Beta Weights Part 2

abcd_tr2semdep101 - ABCD Task fMRI MID Run 2 SEM Destrieux Parcellations Part 1

abcd_tr2semdep202 - ABCD Task fMRI MID Run 2 SEM Destrieux Parcellations Part 2

abcd_midr2semp102 - ABCD Task fMRI MID Run 2 Standard Error of the Mean Part 1

abcd_midr2semp202 - ABCD Task fMRI MID Run 2 Standard Error of the Mean Part 2

mriss02 - ABCD Task fMRI SST Average Beta Weights

abcd_tfsstabwdp101 - ABCD Task fMRI SST Average Beta Weights Destrieux Parcellations Part 1

abcd_tfsstabwdp201 - ABCD Task fMRI SST Average Beta Weights Destrieux Parcellations Part 2

abcd_tfsstasemdp101 - ABCD Task fMRI SST Average SEM Destrieux Parcellations Part 1

abcd_tfsstasemdp201 - ABCD Task fMRI SST Average SEM Destrieux Parcellations Part 2

mrisssem01 - ABCD Task fMRI SST Average Standard Error of the Mean

mrissr1bw01 - ABCD Task fMRI SST Run 1 Beta Weights

abcd_tfsstr1bwdp101 - ABCD Task fMRI SST Run 1 Beta Weights Destrieux Parcellations Part 1

abcd_tfsstr1bwdp201 - ABCD Task fMRI SST Run 1 Beta Weights Destrieux Parcellations Part 2

abcd_tfsstr1semdep101 - ABCD Task fMRI SST Run 1 SEM Destrieux Parcellations Part 1

abcd_tfsstr1semdep201 - ABCD Task fMRI SST Run 1 SEM Destrieux Parcellations Part 2

mrissr1sem01 - ABCD Task fMRI SST Run 1 Standard Error of the Mean

mrissr2bw01 - ABCD Task fMRI SST Run 2 Beta Weights

abcd_tfsstr2bwdp101 - ABCD Task fMRI SST Run 2 Beta Weights Destrieux Parcellations Part 1

abcd_tfsstr2bwdp201 - ABCD Task fMRI SST Run 2 Beta Weights Destrieux Parcellations Part 2

abcd_tfsstr2sem01 - ABCD Task fMRI SST Run 2 SEM Destrieux Parcellations Part 1
 abcd_tfsstr2sem02 - ABCD Task fMRI SST Run 2 SEM Destrieux Parcellations Part 2
 mrisstr2bwsem01 - ABCD Task fMRI SST Run 2 Standard Error of the Mean
 nback_bwroi02 - ABCD Task fMRI nBack Average Beta Weights
 abcd_tfabwdp101 - ABCD Task fMRI nBack Average Beta Weights Destrieux Parcellations Part 1
 abcd_tfabwdp201 - ABCD Task fMRI nBack Average Beta Weights Destrieux Parcellations Part 2
 abcd_tnbasemdp101 - ABCD Task fMRI nBack Average SEM Destrieux Parcellations Part 1
 abcd_tnbasemdp201 - ABCD Task fMRI nBack Average SEM Destrieux Parcellations Part 2
 nbackallsem01 - ABCD Task fMRI nBack Average Standard Error of the Mean
 nbackr101 - ABCD Task fMRI nBack Run 1 Beta Weights
 abcd_tfncr1bwdp101 - ABCD Task fMRI nBack Run 1 Beta Weights Destrieux Parcellations Part 1
 abcd_tfncr1bwdp201 - ABCD Task fMRI nBack Run 1 Beta Weights Destrieux Parcellations Part 2
 abcd_tfnbr1sem01 - ABCD Task fMRI nBack Run 1 SEM Destrieux Parcellations Part 1
 abcd_tfnbr1sem02 - ABCD Task fMRI nBack Run 1 SEM Destrieux Parcellations Part 2
 nbackr1sem01 - ABCD Task fMRI nBack Run 1 Standard Error of the Mean
 nbackr201 - ABCD Task fMRI nBack Run 2 Beta Weights
 abcd_tfnbr2bwdp101 - ABCD Task fMRI nBack Run 2 Beta Weights Destrieux Parcellations Part 1
 abcd_tfnbr2bwdp201 - ABCD Task fMRI nBack Run 2 Beta Weights Destrieux Parcellations Part 2
 abcd_tfnbr2dp101 - ABCD Task fMRI nBack Run 2 SEM Destrieux Parcellations Part 1
 abcd_tfnbr2dp201 - ABCD Task fMRI nBack Run 2 SEM Destrieux Parcellations Part 2
 nbackr2sem01 - ABCD Task fMRI nBack Run 2 Standard Error of the Mean
 abcd_ddtidp101 - ABCD dMRI DTI Destrieux Parcellations Part 1
 abcd_ddtidp201 - ABCD dMRI DTI Destrieux Parcellations Part 2
 abcd_ddtifp101 - ABCD dMRI DTI Full Destrieux Parcellation Part 1
 abcd_ddtifp201 - ABCD dMRI DTI Full Destrieux Parcellation Part 2
 abcd_dmdtifp101 - ABCD dMRI DTI Full Part 1
 abcd_dmdtifp202 - ABCD dMRI DTI Full Part 2
 abcd_dti_p101 - ABCD dMRI DTI Part 1
 abcd_dti_p201 - ABCD dMRI DTI Part 2
 dmriqc01 - ABCD dMRI Post Processing QC
 abcd_drsidp101 - ABCD dMRI RSI Destrieux Parcellation Part 1
 abcd_drsidp201 - ABCD dMRI RSI Destrieux Parcellation Part 2
 abcd_drsidp301 - ABCD dMRI RSI Destrieux Parcellation Part 3
 mri_rsi_p102 - ABCD dMRI RSI Part 1
 mri_rsi_p202 - ABCD dMRI RSI Part 2
 abcd_mrirsfd01 - ABCD rsfMRI Destrieux
 abcd_betnet02 - ABCD rsfMRI Gordon Network Correlations
 mrirscor02 - ABCD rsfMRI Network to Subcortical ROI Correlations
 abcd_mrirstv02 - ABCD rsfMRI Temporal Variance
 abcd_mrisdp101 - ABCD sMRI Destrieux Parcellation Part 1
 abcd_mrisdp201 - ABCD sMRI Destrieux Parcellation Part 2
 abcd_smrip101 - ABCD sMRI Part 1
 abcd_smrip201 - ABCD sMRI Part 2
 freesqc01 - FreeSurfer QC
 genomics_sample03 - Genomics Sample
 mriqcrp102 - MRI QC Raw Part 1
 mriqcrp202 - MRI QC Raw Part 2

mriqcrp302 - MRI QC Raw Part 3

Study Type:

- \Observational\Arms/Comparison\Procedure
 - \Arms/Comparison\Procedure\Procedure
 - \Description\Time Perspective\Longitudinal
 - \Description\Time Perspective\Prospective
 - \Intervention\Procedure\MRI
 - \Intervention\Procedure\fmRI

Data Analysis:

- \Genotyping/NGS\Data Transformation, QA/QC\QA Filtering
 - \Type
 - \Type\GWAS
 - \Type\SNP
- \Neuro Signal Recordings\Scanner
 - \Scanner\General Electric 3.0T MR750
 - \Scanner\Philips 3.0T Achieva
 - \Scanner\Philips 3.0T Ingenia
 - \Scanner\Siemens 3.0T Prisma MRI
 - \Software\AFNI
 - \Software\FSL
 - \Software\FreeSurfer
 - \Software\MMPS
 - \Type\DTI
 - \Type\MRI
 - \Type\dmRI
 - \Type\fmRI
 - \Type\rs-fMRI
 - \Type\sMRI-T1
 - \Type\sMRI-T2
 - \Type\task-fMRI

Results:

Documents:

Data used in this study from other Collections:

Coll# - Collection Title - PI List