

September 25, 2016

ABIDE-II DATASETS RELEASE UPDATES - Fixes 1.0

Critical Fixes (i.e., it is essential that any ABIDE-II users that obtained affected data prior to the corrections dates listed below download and use the updated datasets).

1) Left-Right Orientation Error

Identified problem: It has come to our attention that an error arose in the data preparation process for two ABIDE-II sites (OHSU, UPSM), which resulted in an orientation error (i.e., left-right flip). We apologize for this occurrence.

Correction: The corrected dataset for OHSU was uploaded on August 5, 2016. The corrected data for UPSM was uploaded on September 23, 2016.

2) File Duplication

Identified problem: For all subjects in the longitudinal collection UPSM-Long, the baseline and follow-up 1 scans were identical. Additionally, there should be no follow-up 2 scans (only follow-up 1).

Correction: The corrected data for UPSM-Long was uploaded on September 23, 2016. Please refer to the UPSM-Long narrative for details about this collection.

3) Data Corruption

Identified problem: For the BNI site, two data corruption errors occurred:

- 4 time points in the R-fMRI data were misordered for the following four ID#: 29007, 29008, 28009, 29010
- directions for the DTI images were out of order for the following ID#: 29006, 29007, 28009, 29009

Correction: The corrected datasets were uploaded on September 13, 2016.

4) Phenotypic Data Corrections

Identified error: For each of two subjects (one in TCD, one in ETH), a single value was found to be incorrect in the phenotyping.

- 1) The ADOS-G social score for ID 29099 in TCD collection was corrected from 4 to 5.
- 2) The SCQ total score for ID 29074 in ETH collection was corrected from 26 to 5.

Correction: These corrections were reflected on the TCD, ETH, and the composite phenotypic files uploaded on September 5 2016.

Other Fixes and Updates

5) ID Duplication

Identified problem: INDI convention requires that each participant use a unique identifier, even if in separate imaging collections. It has come to our attention that 14 subject IDs (from 29006 to 29019) originally assigned to BNI were also used in the OHSU collection.

Correction: While the directory organization maintained the integrity of the data in the release, to avoid eventual errors we have replaced the OHSU duplicate ID's with new ID

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numbers (from 30154 to 30167) in both the MRI and phenotypic data. This correction was reflected on the OHSU data uploaded August 5, 2016.

6) Missing MRI Image File

Update: MRI data for Subject 28909 in the SDSU collection were uploaded on August 5 2016.

7) Site Acronym Change

Update: The collection titled “Olin Institute of Living Hartford (OLIH)” was changed to the “Olin Neuropsychiatric Research Center (ONRC)”. This change was also reflected in the MRI data naming for this collection.

8) Narrative Text Clarifications

Update: We have updated the website narratives to provide clarification on protocols for the following collections: SDSU, UCD, KUL, EMC, ONRC.