PREDICT-HD

DATA DICTIONARY

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1 Overview

The Predict-HD data dictionary is designed to be used with the data sets provided in the releases. The data itself spans from 2002 through 2016 and encompasses participants from 33 different sites across the world.

This document denotes each variable, including availability of the data in different types of datasets. A brief overview of constituent data sources, dataset structure, variable structure, and representation of special values is also provided.

It is strongly encouraged to use this document in conjunction with the other documentation provided with the data set to provide a better understanding of the data sets provided.

2 Structure of the Dataset

2.1 Data Sources and Representation within the Dataset

The PREDICT-HD study was an international 33 site observation study of 1169 persons at-risk for HD to characterize the natural history of the pre-manifest period, to develop tools for clinical trials, and to identify markers that will make it possible to test putative neuroprotective therapies that could delay or prevent diagnosis.

The study is characterized into two parts, the 1.0 study and 2.0 study. The 1.0 designation is considered the 1st half of the study and 2.0 designation is considered the 2nd half of the study. This is denoted in the data sets via the visit number. Visits that occurred during the 1.0 study are designated with a 100 number (101,102,103, etc.), Visits that occurred during the 2.0 study are designated with a 200 number (201,202,203). Participants that participated in both halves of the study will start with a visit number that begins with 1xx and will switch to 2xx at the point where they enrolled into the 2.0 study.

2.2 Data Files within the Dataset

The PREDICT-HD release 7 is comprised of comprised of 18 data files plus data dictionaries, each of which fall into two categories:

Participant-based: *predictHD_2020_subject*, predicthd_2020_*comorbid_conditions*, and predicthd_2020_*concomitant_meds*

These files contain general visit-independent information about the participant. This information is applicable to the participant and not associated with any one visit.

Visit-based: *Cognitive, Demographics/Genetics,Functional_C, Functional_P, Motor, Psychiatric_C, and Psychiatric_P predicthd_2020_phenotypes, predicthd_2020_8oHdG, predicthd_2020_HDPET_FDG, predicthd_2020_ROIs_for_sMR_and_diffusion_scalars, predicthd_2020_SBM_sMRI, predicthd_2020_aseg, predicthd_2020_lh_aparc.a2009s_area, predicthd_2020_lh_aparc_area, predicthd_2020_predicthd_2020_rh_aparc.a2009s_area, predicthd_2020_rh_aparc_area, predicthd_2020_sMR_BRAINS_volumes, predicthd_2020_wm_parc*

These contain all visit-dependent information for the study. The predicthd_2020_phenotypes data set contains the PREDICT-HD phenotype data. The predichd_2020_8oHdG data set contains results from the 8oHdG study and the remaining data sets within the visit-based section are related to MRI data collected in the PREDICT-HD study. Additional MRI data is also available in Brain Imaging Data Structure (BIDS) format. Please see the documentation that comes with that data set.

Table 1: PREDICT-HD Release 7 data file descriptions

Data file	Type	Description
predicthd_2020_subject	Participant	This subject consent data table contains subject IDs, affections status, and consent group information.
predicthd_2020_comorbid_conditions	Participant	The data table reports the existence, start and cessation times of comorbid conditions encountered with study participants
predicthd_2020_concomitant_meds	Participant	This data table contains use of concomitant medications used by study participants
predicthd_2020_phenotypes	Visit	This data table contains the phenotype variables collected in the PREDICT-HD study.
predicthd_2020_8oHdG	Visit	This data table contains biomarkers tested and concentrations detected in study participants: e.g. 8-hydroxy-2'-deoxyguanosine, 3-hydroxykynurenine, 4-hydroxyphenyllactate, homovanillic acid, tryptophan, serotonin, uric acid, xanthine, etc.
predicthd_2020_aseg	Visit	This data table contains MRI scanner field strength information, and Freesurfer 5.2 brain volume measurements of different brain regions
predicthd_2020_HDPET_FDG	Visit	This data table contains FDG PET (fluorodeoxyglucose positron emission tomography) mean volume measurements for different brain regions
predicthd_2020_lh_aparc_area	Visit	This data table contains MRI scanner field strength information, and Freesurfer 5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for different left hemisphere brain areas
predicthd_2020_lh_aparc_a2009s_area	Visit	This data table contains MRI scanner field strength information, and Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for left hemisphere brain areas
predicthd_2020_rh_aparc_area	Visit	This data table contains MRI scanner field strength information, and Freesurfer 5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for different right hemisphere brain areas
predicthd_2020_rh_aparc_a2009s_area	Visit	This data table contains MRI scanner field strength information, and Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for right hemisphere brain areas

predicthd_2020_ROIs_for_sMR_and_diffusion_scalars	Visit	This data table contains region of Interest data: scalar diffusion and volume data of cortical, subcortical (including amygdala, basal ganglia, corpus callosum, thalamus), brain stem structures are measured
predicthd_2020_SBM_sMRI	Visit	This data table contains SBM loading coefficients for various components using source based morphometry via structural MRI to identify gray matter differences over time
predicthd_2020_sMR_BRAINS_volumes	Visit	This data table contains imaging data calculating brain volumes for different brain regions, and white matter and gray matter volume calculations for different brain reqions
predicthd_2020_wm_parc	Visit	This data table contains MRI scanner field strength information, and Freesurfer 5.2 White Matter Parcellation Volumes for different left and right hemisphere brain regions

2.3 Entity Relation

The data files within the PREDICT-HD data release 7 are meant to be able to be used separately or joined together as needed. Each data set contains the primary key of SUBJID, with visit based files containing and can be used in conjunction with each other or separately.

2.4 Structure of Variables

Each PREDICT-HD dataset file contains variables. This Data Dictionary lists all attributes contained within the dataset by domain. Some of the attributes listed in Table 2 are not displayed in the individual domain tables in order to save space and because the attributes were not used. The attributes are included in table 2 as they represent the template used in the last data release. They are available in the stand alone csv/text files provided with the data set.

Table 2: PREDICT-HD Release 7 data variable descriptions

Attribute	Description
VARNAME	Variable label
VARDESC	Description of the variable
DOCFILE	Data file the variable belongs

TYPE	GUID - represents a Global Unique Identifier associated with NDA String - Represents alphanumeric string data values Integer - Represents an integer (number) Float - Represents a floating point value (decimal point) Encoded Value – Represents a categorical value that has a separate descriptive value. An example would be 0 = No and 1 = Yes
UNITS	The type of units the value represents. For example, weight has a unit of kilogram in this dataset.
MIN	Min represents the minimum value range for the variable
MAX	Max represents the maximum value range for the variable
RESOLUTION	Measurement resolution – The number of decimal places to which a measured value is represented in the data. For example, in 54.321 the resolution is 3. Not used in the data sets.
COMMENT 1	Additional information not included in VARDESC that will further define the variable.
COMMENT 2	Additional information not included in VARDESC that will further define the variable
VARIABLE_SOURCE	Source of controlled vocabularies. Ex. PhenX, MeSH, SNOMED,NCI. Not used in the data sets.
VARIABLE_TERM	a unique text concept/term from various controlled vocabularies. Not used in the data sets
UNIQUEKEY	Unique key is a combination of variables that is designed to uniquely identify a row in a longitudinal dataset or rows that have repeating SUBJECT_IDs or SAMPLE_IDs. Variables are marked with an 'X' that constitute the unique keys. Ex. SUBJID and EVENT.. UNIQUEKEYs are only used in the visit based files
COLLINTERVAL	Collection interval is the time frame in which the data for the variable or dataset was collected.
ORDER	ORDER provides an alternate way of grouping VALUES in encoded values as opposed to providing values through columns. Not used in the data sets.
values_0 – values_23	List of all unique values and/or descriptions for coded values or any additional information about the variable.

2.5 Representation of Special Values

Date Values

Transformation of date values

To minimize participant identification risk, the PREDICT-HD data release 7 does not contain true date values.

When sharing with other NIH repositories, a year was provided along with age. It should be noted that the National Institute of Mental Health Archive (NDA) requires a full date to be able to submit to the archive. In this data set we provide a year and days from baseline. Date values that refer to date of birth are transformed into age values

For example, date values for a participant with a baseline enrollment date of 2021-01-20 (YYYY-MM-DD) would read as follows:

Entered date for visit	Representation in data set
2021-01-20	0
2021-01-30	10
2022-01-20	365

Date values for medical conditions and concomitant medications are also transformed to days from baseline. If the date values entered were missing month and day, the month was imputed as July 15 and then transformed to days from baseline. If the date values entered were missing only day, the date was imputed as 15 and then transformed

An example of entered dates and representation in the data set is listed below:

Entered date for visit	Baseline Date	Representation in data set
2018-01-15	2018-01-20	-5
2019-01	2018-01-20	360
2023	2018-01-20	907

Transformation of other values

Two variables provided within the data set are calculated based on the following formula:

(age*(CAG - 33.66)

Zhang, Y., Long, J. D., Mills, J. A., Warner, J. H., Lu, W., Paulsen, J. S., & PREDICT-HD Investigators and Coordinators of the Huntington Study Group (2011). Indexing disease progression at study entry with individuals at-risk for Huntington disease. American journal of medical genetics. Part B, Neuropsychiatric genetics: the official publication of the International Society of Psychiatric Genetics, 156B(7), 751–763. https://doi.org/10.1002/ajmg.b.31232

In order to minimize the risk of participant identification, the CAP scores at baseline and at subsequent visits were transformed by an algorithm so that exact birthdates could not be derived from the formula. Cap group designations were unaltered.

Site and rater/examiner codes were also transformed to minimize the risk of identification by setting each site and rater/examiner code to a randomized number.

Missing Values

Missing values are indicated as null values within the data set. This can be due to several different reasons. The most common reason is yearly protocol alterations with the addition and removal of tasks. In addition, some measures may not have been completed due to fatigue or time constraints of the visit.

Additional Information

The protocol for PREDICT-HD requested that the companion remain as consistent as possible throughout the study. However, it was not always possible for participants to bring the same companion to each visit. Each time a companion was enrolled in the study, they were assigned a sequential companion number.

3 Participant-Based Data Files

Participant-based data files are directly related to a participant independent of a visit, i.e. the data was assessed during a specific study visit but was updated as needed throughout the study. The data is either captured only once or in a periodically (e.g. annually) updated manner.

The following are the participant-based data files:

- predicthd_2020_hd_subject
- predicthd_comorbid_conditions
- predicthd_2020_concomitant_meds

It should be noted that not every participant indicated that they had a comorbid condition, nor did they always indicate they were taking medications.

Comorbid conditions were collected at baseline only during the 1.0 study. Collection of comorbid conditions continued at baseline for the 2.0 study, and another form called the Medical Event log was developed to collect subsequent updates to the participant's medical history.

Concomitant medications were collected at every visit as needed. The concomitant medications along with the comorbid conditions were combined into one file with the help of CHDIs Medical coding team based at the University of Ulm.

3.1 Data File Predict_HD_Subject

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject		guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID		string				

Consent	Consent Group		integer			1	1=General Research Use (GRU)
affectation_status	Affectation Status with respect to Huntington Disease		string				case=case cont=control

3.2 Data File Comorbid_Conditions

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subject key	The NDAR Global Unique Identifier (GUID) for research subject	Comorbid_Conditions	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	Comorbid_Conditions	string				
SECTION	STUDY SECTION	META	string				
DELIVERY	ASSESSMENT DELIVERY MODE	META	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	8oHdG	string				
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	8oHdG	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	META	integer				
country[1]	Country where data was collected	META	string				
body_system	Body system coding	Comorbid_Conditions	integer		1	17	1=Cardiovascular 2=Pulmonary 3=Neurologic 4=Ent 5=Gynecologic / urologic 6=Reproductive 7=Gastrointestinal 8=Metabolic /endocrine 9=Hemato / Lymphaitc 10=Dermatological 11=Psychiatric 12=Musculoskeletal 13=Allergy / immunologic 14=Ophthalmological 15=Hepatobiliary 16=Renal 17=Other

condition	Medical condition	Comorbid_Conditions	string				
START_DATE_enrollment_offset	offset of START DATE OF CONDITION from enrollment date	Comorbid_Conditions	string	days			
startdate_modifier	Start date modifier	Comorbid_Conditions	string				<=Prior to date indicated "=" =Equal to date
STOP_DATE_enrollment_offset	offset of STOP DATE OF CONDITION from enrollment	Comorbid_Conditions	string	days			
ongoing	Condition is ongoing	Comorbid_Conditions	integer		0	1	0=No 1=Yes
region	Region		encoded value				- Northern America - Australasia - Europe

3.3 Data File Concomitant_Medications

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject		guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID		string				
SECTION	STUDY SECTION	META	string				
DELIVERY	ASSESSMENT DELIVERY MODE	META	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	8oHdG	string				
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	8oHdG	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	META	integer				
country[1]	Country where data was collected	META	string				
Medication	generic medication name		string				
Dose	dosage of medication		string				
Units	units		string				
Frequency	frequency		integer				1=QD 2=BID 3=TID 4=QID 5=QHS 6=CONT IV 7=PRN 100=OTHER NA=NOT AVAILABLE
Route	route of medication		string				1=PO 2=PR 3=SC

[1] Available upon SRC approval.

							4=IM 5=IV 6=NASAL 7=TD 8=SL 9=INH 10=OTHER NA=NOT AVAILABLE
START_DATE_enrollment_offset	offset of START DATE OF MEDICATION from enrollment date	Concomitant_Meds	string	days			
STARTDATE_MODIFIER	START DATE MODIFIER	Concomitant_Meds	string				
STOP_DATE_enrollment_offset	offset of STOP DATE OF MEDICATION from enrollment date	Concomitant_Meds	string	days			
ONGOING	MEDICATION IS ONGOING	Concomitant_Meds	encoded value				0=No 1=Yes NA=Not available
INDICATION	PRIMARY INDICATION OF MEDICINE	Concomitant_Meds	string				
INDICATION_2	SECONDARY INDICATION OF MEDICINE	Concomitant_Meds	string				
INDICATION_3	TERTIARY INDICATION OF MEDICINE	Concomitant_Meds	string				
region	Region		encoded value				- Northern America - Australasia - Europe

4 Visit Based Data Files

4.1 Data File predicthd_2020_phenotypes

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	VALUES
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	META	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	META	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	META	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to 'year')	META	integer				
days_in_study	Days since baseline	META	integer				
SECTION	STUDY SECTION	META	string				
DELIVERY	ASSESSMENT DELIVERY MODE	META	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	META	string				
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	META	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	META	integer				
country[1]	Country where data was collected	META	string				
AGE	Age at visit	Demographics /Genetics	integer				
GENDER	Gender	Demographics /Genetics	encoded value				f=FEMALE m=MALE
ETHNICITY	Ethnicity Category	Demographics /Genetics	encoded value		1	3	1=Hispanic or Latino 2=Not Hispanic or Latino 3=Unknown or not reported
RACE	Racial Category	Demographics /Genetics	encoded value		1	7	1=American Indian/Alaska Native 2=Asian 3=Native Hawaiian or Other Pacific Islander 4=Black or African American 5=White 6=More than one race 7=Unknown or not reported
CAG	CAG repeat length most recent A1 lab values or self-report if no lab value available	Demographics /Genetics	integer				
SR_HD_CAG_A1	Self-reported CAG A1 length	Demographics /Genetics	integer				
HD_CAG_A1_10	1.0 Lab-reported CAG length (allele 1) from blood	Demographics /Genetics	integer				
HD_CAG_A2_10	1.0 Lab-reported CAG length (allele 2) from blood	Demographics /Genetics	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
HD_CAG_A1_20	2.0 Lab-reported CAG length (allele 1) from blood	Demographics /Genetics	integer				
HD_CAG_A2_20	2.0 Lab-reported CAG length (allele 2) froim blood	Demographics /Genetics	integer				
HD_CAG_A1_SV	2.0 Lab-reported CAG length (allele 1) from saliva	Demographics /Genetics	integer				
HD_CAG_A2_SV	2.0 Lab-reported CAG length (allele 2) from saliva	Demographics /Genetics	integer				
EDUC_YRS	Years of education	Demographics /Genetics	integer	Years	8	20	
visit_diagnosis	Diagnosis at visit	Demographics /Genetics	encoded value				Diagnosed=Diagnosed
initial_dx	Diagnosis at initial visit	Demographics /Genetics	encoded value		0	1	0=No 1=Yes
cap_grp	CAP group at visit	Demographics /Genetics	encoded value				cont=control low=low med=medium high=high
Cap	CAP at visit (age*(CAG-33.66))	Demographics /Genetics	float				
highest_occ	Highest occupation achieved	Demographics /Genetics	encoded value		1	6	1=Professional 2=Manager 3=Craftsman 4=Service Worker 5=Laborer 6=Not in Labor Force
current_occ	Occupation at visit	Demographics /Genetics	encoded value		1	6	1=Professional 2=Manager 3=Craftsman 4=Service Worker 5=Laborer 6=Not in Labor Force
uhdrs16	Weight	Demographics /Genetics	float	kg			
height_valid	Height	Demographics /Genetics	float	cm			
Bmi	BMI	Demographics /Genetics	float	kg/m2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs80	UHDRS Question 80	Demographics /Genetics	encoded value		0	1	0=No 1=Yes
uhdrs81	Q81	Demographics /Genetics	encoded value		0	1	0=No 1=Yes
uhdrs82	Q82	Demographics /Genetics	encoded value		0	1	0=No 1=Yes
motor_examiner_ext	Motor examiner id	phenotypes	integer				
TOTAL_MOTOR_SCORE	Total Motor Score - Sum of 31 motor items (UHDRS1-UHDRS15)	phenotypes	integer		0	124	
DCL	Diagnostic Confidence Level (UHDRS17)	phenotypes	encoded value		0	4	0=Normal (no abnormalities) 1=Non-specific motor abnormalities (less than 50% confidence) 2=Motor abnormalities that may be signs of HD (50 - 89% confidence) 3=Motor abnormalities that are likely signs of HD (90 - 98% confidence) 4=Motor abnormalities that are unequivocal signs of HD greater than or equal to 99% confidence) NA=NOT AVAILABLE
EST_YRS_ONSET	Estimated years to motor onset based on Langbehn forumula	phenotypes	float	Years			
Oculo	Total oculo score	phenotypes	integer		0	24	
Brady	Total brady score	phenotypes	integer		0	44	
Rigidity	Total rigidity score	phenotypes	integer		0	8	
Dystonia	Total dystonia score	phenotypes	integer		0	20	
Chorea	Total chorea score	phenotypes	integer		0	28	

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs1a	Ocular Pursuit (Horizontal)	phenotypes	encoded value		0	4	0=Complete (normal) 1=Jerky movement 2=Interrupted pursuits/full range 3=Incomplete range 4=Cannot pursue
uhdrs1b	Ocular Pursuit (Vertical)	phenotypes	encoded value		0	4	0=Complete (normal) 1=Jerky movement 2=Interrupted pursuits/full range 3=Incomplete range 4=Cannot pursue
uhdrs2a	Saccade Initiation (Horizontal)	phenotypes	encoded value		0	4	0=Normal 1=Increased latency only 2=Suppressible blinks or head movements to initiate 3=Unsuppressible head movements 4=Cannot initiate saccades
uhdrs2b	Saccade Initiation (Vertical)	phenotypes	encoded value		0	4	0=Normal 1=Increased latency only 2=Suppressible blinks or head movements to initiate 3=Unsuppressible head movements 4=Cannot initiate saccades
uhdrs3a	Saccade Velocity (Horizontal)	phenotypes	encoded value		0	4	0=Normal 1=Mild slowing 2=Moderate slowing 3=Severely slow, full range 4=Incomplete range
uhdrs3b	Saccade Velocity (Vertical)	phenotypes	encoded value		0	4	0=Normal 1=Mild slowing 2=Moderate slowing 3=Severely slow, full range 4=Incomplete range
uhdrs4	Dysarthria	phenotypes	encoded value		0	4	0=Normal 1=Unclear, no need to repeat 2=Must repeat to be understood 3=Mostly incomprehensible 4= Anarthria

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs5	Tongue Protrusion	phenotypes	encoded value		0	4	0=Can hold tongue fully protruded for 10 seconds 1=Cannot keep fully protruded for 10 seconds 2=Cannot keep fully protruded for 5 seconds 3=Cannot fully protrude tongue 4=Cannot protrude tongue beyond lips
uhdrs6a	Finger Taps (Right)	phenotypes	encoded value		0	4	0=Normal (greater than or equal to 15/5 sec.) 1=Mild slowing and or reduction in amplitude (11 - 14/5 sec.) 2=Moderately impaired. Definite and early fatiguing. May have occasional arrests in movements (7 - 10/5 sec.) 3=Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movements (3 - 6/5 sec.) 4=Can barely perform the task (0 - 2/5 sec.)
uhdrs6b	Finger Taps (Left)	phenotypes	encoded value		0	4	0=Normal (greater than or equal to 15/5 sec.) 1=Mild slowing and or reduction in amplitude (11 - 14/5 sec.) 2=Moderately impaired. Definite and early fatiguing. May have occasional arrests in movements (7 - 10/5 sec.) 3=Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movements (3 - 6/5 sec.) 4=Can barely perform the task (0 - 2/5 sec.)

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs7a	Pronate/Supinate -Hands (Right)	phenotypes	encoded value		0	4	0=Normal 1=Mild slowing and/or irregular 2=Moderate slowing and irregular 3= Severe slowing and irregular 4=Cannot perform
uhdrs7b	Pronate/Supinate -Hands (Left)	phenotypes	encoded value		0	4	0=Normal 1=Mild slowing and/or irregular 2=Moderate slowing and irregular 3= Severe slowing and irregular 4=Cannot perform
uhdrs8	Luria	phenotypes	encoded value		0	4	0=Greater than or equal to 4 in 10 seconds, no cue 1=less than 4 in 10 seconds, no cue 2=Greater than or equal to 4 in 10 seconds with cues 3=less than 4 in 10 seconds with cues 4=Cannot perform
uhdrs9a	Rigidity-Arms (Right)	phenotypes	encoded value		0	4	0=Absent 1=Slight or present only with activation 2=Mild to moderate 3=Severe, full range of motion 4=Severe with limited range
uhdrs9b	Rigidity-Arms (Left)	phenotypes	encoded value		0	4	0=Absent 1=Slight or present only with activation 2=Mild to moderate 3=Severe, full range of motion 4=Severe with limited range
uhdrs10	Bradykinesia-Body	phenotypes	encoded value		0	4	0=Normal 1=Minimally slow (? normal) 2=Mildly but clearly slow 3=Moderately slow, some hesitation 4=Markedly slow long delays in initiation

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs11a	Maximal Dystonia (Trunk)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs11b	Maximal Dystonia (RUE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs11c	Maximal Dystonia (LUE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs11d	Maximal Dystonia (RLE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs11e	Maximal Dystonia (LLE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs12a	Maximal Chorea (Face)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs12b	Maximal Chorea (BOL)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs12c	Maximal Chorea (Trunk)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs12d	Maximal Chorea (RUE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs12e	Maximal Chorea (LUE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs12f	Maximal Chorea (RLE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs12g	Maximal Chorea (LLE)	phenotypes	encoded value		0	4	0=Absent 1=Slight/intermittent 2=Mild/common or moderate/intermittent 3=Moderate/common 4=Marked/prolonged
uhdrs13	Gait	phenotypes	encoded value		0	4	0=Normal gait, narrow base 1=Wide base and/or slow 2=Wide base and walks with difficulty 3=Walks only with assistance 4=Cannot attempt
uhdrs14	Tandem Walking	phenotypes	encoded value		0	4	0=Normal for 10 steps 1=1 to 3 deviations from straight line 2=Greater than 3 deviations 3=Cannot complete 4=Cannot attempt
uhdrs15	Retropulsion Pull Test	phenotypes	encoded value		0	4	0=Normal 1=Recovers spontaneously 2=Would fall if not caught 3=Tends to fall spontaneously 4=Cannot stand
uhdrs43	Could participant engage in gainful employment in his/her accustomed work	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs44	Could participant engage in any kind of gainful employment?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs45	Could participant engage in any kind of volunteer or non-gainful work?	phenotypes	encoded value		0	1	0=No 1=Yes

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs46	Could participant manage his/her finances (monthly) without any help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs47	Could participant shop for groceries without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs48	Could participant handle money as a purchaser in a simple cash (shop) transaction?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs49	Could participant supervise children without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs50	Could participant operate an automobile safely and independently?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs51	Could participant do his/her own housework without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs52	Could participant do his/her own laundry (wash/dry) without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs53	Could participant prepare his/her own meals without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs54	Could participant use the telephone without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs55	Could participant take his/her own medications without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs56	Could participant feed himself/herself without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs57	Could participant dress himself/herself without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs58	Could participant bathe himself/herself without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs59	Could participant use public transportation to get places without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs60	Could participant walk to places in his/her neighbourhood without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs61	Could participant walk without falling?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs62	Could participant walk without help?	phenotypes	encoded value		0	1	0=No 1=Yes

uhdrs63	Could participant comb hair without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs64	Could participant transfer between chairs without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs65	Could participant get in and out of bed without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs66	Could participant use toilet/commode without help?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs67	Could participant's care still be provided at home?	phenotypes	encoded value		0	1	0=No 1=Yes
uhdrs68	Was the functional assessment information obtained from	phenotypes	encoded value		1	2	1=Participant only 2=Participant and family/companion

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs69	Independence Scale	phenotypes	encoded value		5	100	100= no special care needed 95= 90= no physical care needed if difficult tasks are avoided 85= 80= predisease level of employment changes or ends; cannot perform household chores to predisease level, may need help with finances 75= 70= selfcare maintained for bathing, limited household duties, e.g. cooking and use of knives, driving terminates; unable to manage finances 65= 60= needs minor assistance in dressing, toileting, bathing; food must be cut for subject 55= 50= 24hour supervision appropriate; assistance required for bathing, eating, toileting 45= 40= chronic care facility needed; limited self feeding, liquified diet 35= 30= subject provides minimal assistance in own feeding, bathing, toileting 25= 20= no speech, must be fed 15= 10= tube fed, total bed care 5=
uhdrs70	Occupation	phenotypes	encoded value		0	3	0=Unable 1=Marginal work only 2=Reduced capacity for usual job 3=Normal
uhdrs71	Finances	phenotypes	encoded value		0	3	0=Unable 1=Major assistance 2=Slight assistance 3=Normal
uhdrs72	Domestic chores	phenotypes	encoded value		0	2	0=Unable 1=Impaired 2=Normal
uhdrs73	ADL	phenotypes	encoded value		0	3	0=Total care 1=Gross tasks only 2=Minimal impairment 3=Normal
uhdrs74	Care level	phenotypes	encoded value		0	2	0=Full time skilled nursing 1=Home or chronic care 2=Home

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
uhdrs75	Was the information obtained from	phenotypes	encoded value		1	2	1=Participant only 2=Participant and family/companion
uhdrs76	Rater code	phenotypes	string				
FAS		phenotypes	integer		0	25	
TFC	Total Functional Capacity - Sum of UHDRS70-UHDRS74	phenotypes	integer		0	13	
whodasp1_1	D1.1 Concentrating on doing something for ten minutes?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp1_2	D1.2 Remembering to do important things?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp1_3	D1.3 Analysing and finding solutions to problems in day-to-day life?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp1_4	D1.4 Learning a new task, for example, learning how to get to a new place?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp1_5	D1.5 Generally understanding what people say?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp1_6	D1.6 Starting and maintaining a conversation?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp2_1	D2.1 Standing for long periods such as 30 minutes?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp2_2	D2.2 Standing up from sitting down?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasp2_3	D2.3 Moving around inside your home?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp2_4	D2.4 Getting out of your home?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp2_5	D2.5 Walking a long distance such as a kilometre (3/4 of a mile) [or equivalent]?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp3_1	D3.1 Washing your whole body?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp3_2	D3.2 Getting dressed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp3_3	D3.3 Eating?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp3_4	D3.4 Staying by yourself for a few days?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp4_1	D4.1 Dealing with people you do not know?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp4_2	D4.2 Maintaining a friendship?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp4_3	D4.3 Getting along with people who are close to you?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasp4_4	D4.4 Making new friends?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp4_5	D4.5 Sexual activities?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_1	D5.1 Taking care of your household responsibilities?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_2	D5.2 Doing your most important household tasks well?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_3	D5.3 Getting all the household work donethat you needed to?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_4	D5.4 Getting your household work done as quickly as needed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_5	D5.5 Your day-to-day work/school?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_6	D5.6 Doing your most important work/school tasks well?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_7	D5.7 Getting all the work done that you needed to do?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp5_8	D5.8 Getting your work done as quickly as needed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasp6_1	D6.1 How much of a problem did you have joining in community activities (for example, festivities, religious or other activities) in the same way as anyone else can?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp6_2	D6.2 How much of a problem did you have because of barriers or hindrances in the world around you?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp6_3	D6.3 How much of a problem did you have living with dignity because of the attitudes and actions of others?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp6_4	D6.4 How much time did you spend on your health condition, or its consequences?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp6_5	D6.5 How much have you been emotionally affected by your health condition?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp6_6	D6.6 How much has your health been a drain on the financial resources of you or your family?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp6_7	D6.7 How much of a problem did your family have because of your health problems?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasp6_8	D6.8 How much of a problem did you have in doing things by yourselffor relaxation or pleasure?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasp_total36	sum of 36-items	phenotypes	integer		0	180	
whodasp_total12	sum of 12 items	phenotypes	integer		0	60	
whodasc1_1	D1.1 Concentrating on doing something for ten minutes?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc1_2	D1.2 Remembering to do important things?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc1_3	D1.3 Analysing and finding solutions to problems in day-to-day life?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc1_4	D1.4 Learning a new task, for example, learning how to get to a new place?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc1_5	D1.5 Generally understanding what people say?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc1_6	D1.6 Starting and maintaining a conversation?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc2_1	D2.1 Standing for long periods such as 30 minutes?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasc2_2	D2.2 Standing up from sitting down?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc2_3	D2.3 Moving around inside their home?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc2_4	D2.4 Getting out of their home?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc2_5	D2.5 Walking a long distance such as a kilometre (3/4 of a mile) [or equivalent]?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc3_1	D3.1 Washing his or her whole body?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc3_2	D3.2 Getting dressed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc3_3	D3.3 Eating?	phenotypes	encoded value		1	5	1= None 2 = Mild 3 = Moderate 4 = Severe 5 = Extreme or cannot do
whodasc3_4	D3.4 Staying by himself or herself for a few days?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc4_1	D4.1 Dealing with people he or she does not know?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc4_2	D4.2 Maintaining a friendship?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc4_3	D4.3 Getting along with people who are close to him or her?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate

							4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasc4_4	D4.4 Making new friends?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc4_5	D4.5 Sexual activities?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_1	D5.1 Taking care of his or her household responsibilities?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_2	D5.2 Doing his or her most important household tasks well?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_3	D5.3 Getting all the household work done that is needed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_4	D5.4 Getting the household work done as quickly as needed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_5	D5.5 His or her day-to-day work/school?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_6	D5.6 Doing his or her most important work/school tasks well?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_7	D5.7 Getting all the work done that is needed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc5_8	D5.8 Getting the work done as quickly as needed?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasc6_1	D6.1 How much of a problem did your relative have in joining in community activities (for example, festivities, religious or other activities) in the same way as anyone else can?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc6_2	D6.2 How much of a problem did your relative have because of barriers or hindrances in the world around him or her?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc6_3	D6.3 How much of a problem did your relative have living with dignity because of the attitudes and actions of others?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc6_4	D6.4 How much time did your relative spend on his or her health condition, or its consequences?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc6_5	D6.5 How much has your relative been emotionally affected by his or her health condition?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
whodasc6_6	D6.6 How much has his or her health been a drain on his or her financial resources or on the financial resources of other relatives?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc6_7	D6.7 How much of a problem did you or the rest of his family have because of his or her health problems?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc6_8	D6.8 How much of a problem did you have in doing things by himself or herself for relaxation or pleasure?	phenotypes	encoded value		1	5	1=None 2=Mild 3=Moderate 4=Severe 5=Extreme or cannot do
whodasc_total36	sum of 36-items	phenotypes	integer		0	180	
whodasc_total12	sum of 12 items	phenotypes	integer		0	60	
SDMT	Symbol Digit Total number correct	phenotypes	integer				
STROOP_COLOR	Stroop Color number correct	phenotypes	integer				
STROOP_WORD	Stroop Word number correct	phenotypes	integer				
STROOP_INTERFERENCE	Stroop Interference number correct	phenotypes	integer				
Trasec	Trail Making Part A, seconds to completion	phenotypes	integer	Seconds	0	300	
Trbsec	Trail Making Part B, seconds to completion	phenotypes	integer	Seconds	0	300	
facecor_test	Facial Recognition Test, total correct for short form (27 max)	phenotypes	integer		0	27	

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
dvwmtot	Dual Verbal Working Memory Total	phenotypes	integer				
hvlt_version	HVLT version of form	phenotypes	integer				
hvltr_t1	Immediate Recall Trial 1 (# correct)	phenotypes	integer				
hvltr_t2	Immediate Recall Trial 2 (# correct)	phenotypes	integer				
hvltr_t3	Immediate Recall Trial 3 (# correct)	phenotypes	integer				
hv4drcor	HVLT Delayed Recall	phenotypes	integer		0	12	
HVLT_TOTLEARN	Hopkins Verbal Learning Test Total for 3 trials	phenotypes	integer				
hvltr_tp	Delayed recognition - Total # of true - positive responses (hits)	phenotypes	integer		0	36	
hvltr_relpe	Delayed recognition - # of related false - positive errors	phenotypes	integer				
hvltr_unrelpe	Delayed recognition - # of unrelated false - positive errors	phenotypes	integer				
hvltr3	Retention Raw Score	phenotypes	integer				
hvltr4	Recognition Discrimination Flase Positives raw score	phenotypes	integer				
fp_tot	Total Number of False-Positive Errors	phenotypes	integer				
ln_corr	WAIS-III Letter-Number Sequencing, total raw score	phenotypes	integer				
anart_form	Type of form used	phenotypes	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
anarterr	American National Adult Reading Test (ANART), total errors	phenotypes	integer				
anart_iqscores	Verbal IQ	phenotypes	float				
verflcor	Verbal Fluency, total correct raw score	phenotypes	integer				
smell_pct	Smell Identification Test	phenotypes	float		0	100	
upsit_bkltnum	Number of booklets used in scoring	phenotypes	integer				
TA1T__M	The mean speed of set of Block 1 tapping tasks (dominant hand)	phenotypes	float				
TA2T__M	The mean speed of set of Block 2 tapping tasks (non-dominant hand)	phenotypes	float				
TA3T__M	The mean speed of set of Block 3 tapping tasks (alternating thumbs)	phenotypes	float				
TA4TSEM	Self-paced tapping means for Block 4	phenotypes	float				
TA4TSES	Self-paced tapping SD for Block 4	phenotypes	float				
TA5TSEM	Self-paced tapping means for Block 5	phenotypes	float				
TA5TSES	Self-paced SD means for Block 5	phenotypes	float				
TA4TSE_RECIP	The reciprocal of the within-subject standard deviations of a set of Block 4 metronome-based tapping tasks (dominant hand)	phenotypes	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
TA5TSE_RECIP	The reciprocal of the within-subject standard deviations of a set of Block 5 metronome-based tapping tasks (alternating thumbs)	phenotypes	float				
t3avgmov	Tower 3 puzzle average moves to complete (minimum 7)	phenotypes	integer				
t4avgmov	Tower 4 puzzle average moves to complete (minimum 15)	phenotypes	float				
ES__ANIG	EFS05, Anger Initiation Times, Number left in set	phenotypes	Integer				
ES__ANIM	EFS05, Anger Initiation Times, Mean of set	phenotypes	float				
ES__ANID	EFS05, Anger Initiation Times, Median of set	phenotypes	float				
ES__ANIS	EFS05, Anger Initiation Times, StdDev of set	phenotypes	float				
ES__ANDG	EFS05, Anger Movement Distances, Number left in set	phenotypes	Integer				
ES__ANDM	EFS05, Anger Movement Distances, Mean of set	phenotypes	float				
ES__ANDD	EFS05, Anger Movement Distances, Median of set	phenotypes	float				
ES__ANDS	EFS05, Anger Movement Distances, StdDev of set	phenotypes	float				
ES__ANMG	EFS05, Anger Movement Times, Number left in set	phenotypes	Integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__ANMM	EFS05, Anger Movement Times, Mean of set	phenotypes	float				
ES__ANMD	EFS05, Anger Movement Times, Median of set	phenotypes	float				
ES__ANMS	EFS05, Anger Movement Times, StdDev of set	phenotypes	float				
ES__DIIG	EFS05, Disgust Initiation Times, Number left in set	phenotypes	Integer				
ES__DIIM	EFS05, Disgust Initiation Times, Mean of set	phenotypes	float				
ES__DIID	EFS05, Disgust Initiation Times, Median of set	phenotypes	float				
ES__DIIS	EFS05, Disgust Initiation Times, StdDev of set	phenotypes	float				
ES__DIDG	EFS05, Disgust Movement Distances, Number left in set	phenotypes	integer				
ES__DIDM	EFS05, Disgust Movement Distances, Mean of set	phenotypes	float				
ES__DIDD	EFS05, Disgust Movement Distances, Median of set	phenotypes	float				
ES__DIDS	EFS05, Disgust Movement Distances, StdDev of set	phenotypes	float				
ES__DIMG	EFS05, Disgust Movement Times, Number left in set	phenotypes	integer				
ES__DIMM	EFS05, Disgust Movement Times, Mean of set	phenotypes	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__DIMD	EFS05, Disgust Movement Times, Median of set	phenotypes	float				
ES__DIMS	EFS05, Disgust Movement Times, StdDev of set	phenotypes	float				
ES__FEIG	EFS05, Fear Initiation Times, Number left in set	phenotypes	integer				
ES__FEIM	EFS05, Fear Initiation Times, Mean of set	phenotypes	float				
ES__FEID	EFS05, Fear Initiation Times, Median of set	phenotypes	float				
ES__FEIS	EFS05, Fear Initiation Times, StdDev of set	phenotypes	float				
ES__FEDG	EFS05, Fear Movement Distances, Number left in set	phenotypes	integer				
ES__FEDM	EFS05, Fear Movement Distances, Mean of set	phenotypes	float				
ES__FEDD	EFS05, Fear Movement Distances, Median of set	phenotypes	float				
ES__FEDS	EFS05, Fear Movement Distances, StdDev of set	phenotypes	float				
ES__FEMG	EFS05, Fear Movement Times, Number left in set	phenotypes	integer				
ES__FEMM	EFS05, Fear Movement Times, Mean of set	phenotypes	float				
ES__FEMD	EFS05, Fear Movement Times, Median of set	phenotypes	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__FEMS	EFS05, Fear Movement Times, StdDev of set	phenotypes	float				
ES__HAIG	EFS05, Happiness Initiation Times, Number left in set	phenotypes	integer				
ES__HAIM	EFS05, Happiness Initiation Times, Mean of set	phenotypes	float				
ES__HAID	EFS05, Happiness Initiation Times, Median of set	phenotypes	float				
ES__HAIS	EFS05, Happiness Initiation Times, StdDev of set	phenotypes	float				
ES__HADG	EFS05, Happiness Movement Distances, Number left in set	phenotypes	integer				
ES__HADM	EFS05, Happiness Movement Distances, Mean of set	phenotypes	float				
ES__HADD	EFS05, Happiness Movement Distances, Median of set	phenotypes	float				
ES__HADS	EFS05, Happiness Movement Distances, StdDev of set	phenotypes	float				
ES__HAMG	EFS05, Happiness Movement Times, Number left in set	phenotypes	integer				
ES__HAMM	EFS05, Happiness Movement Times, Mean of set	phenotypes	float				

ES__HAMD	EFS05, Happiness Movement Times, Median of set	phenotypes	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__HAMS	EFS05, Happiness Movement Times, StdDev of set	phenotypes	float				
ES__NEIG	EFS05, Neutral Initiation Times, Number left in set	phenotypes	integer				
ES__NEIM	EFS05, Neutral Initiation Times, Mean of set	phenotypes	float				
ES__NEID	EFS05, Neutral Initiation Times, Median of set	phenotypes	float				
ES__NEIS	EFS05, Neutral Initiation Times, StdDev of set	phenotypes	float				
ES__NEDG	EFS05, Neutral Movement Distances, Number left in set	phenotypes	integer				
ES__NEDM	EFS05, Neutral Movement Distances, Mean of set	phenotypes	float				
ES__NEDD	EFS05, Neutral Movement Distances, Median of set	phenotypes	float				
ES__NEDS	EFS05, Neutral Movement Distances, StdDev of set	phenotypes	float				
ES__NEMG	EFS05, Neutral Movement Times, Number left in set	phenotypes	integer				
ES__NEMM	EFS05, Neutral Movement Times, Mean of set	phenotypes	float				
ES__NEMD	EFS05, Neutral Movement Times, Median of set	phenotypes	float				
ES__NEMS	EFS05, Neutral Movement Times, StdDev of set	phenotypes	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__SAIG	EFS05, Sadness Initiation Times, Number left in set	phenotypes	integer				
ES__SAIM	EFS05, Sadness Initiation Times, Mean of set	phenotypes	float				
ES__SAID	EFS05, Sadness Initiation Times, Median of set	phenotypes	float				
ES__SAIS	EFS05, Sadness Initiation Times, StdDev of set	phenotypes	float				
ES__SADG	EFS05, Sadness Movement Distances, Number left in set	phenotypes	integer				
ES__SADM	EFS05, Sadness Movement Distances, Mean of set	phenotypes	float				
ES__SADD	EFS05, Sadness Movement Distances, Median of set	phenotypes	float				
ES__SADS	EFS05, Sadness Movement Distances, StdDev of set	phenotypes	float				
ES__SAMG	EFS05, Sadness Movement Times, Number left in set	phenotypes	integer				
ES__SAMM	EFS05, Sadness Movement Times, Mean of set	phenotypes	float				
ES__SAMD	EFS05, Sadness Movement Times, Median of set	phenotypes	float				
ES__SAMS	EFS05, Sadness Movement Times, StdDev of set	phenotypes	float				
ES__SUIG	EFS05, Surprise Initiation Times, Number left in set	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__SUIM	EFS05, Surprise Initiation Times, Mean of set	phenotypes	float				
ES__SUID	EFS05, Surprise Initiation Times, Median of set	phenotypes	float				
ES__SUIS	EFS05, Surprise Initiation Times, StdDev of set	phenotypes	float				
ES__SUDG	EFS05, Surprise Movement Distances, Number left in set	phenotypes	integer				
ES__SUDM	EFS05, Surprise Movement Distances, Mean of set	phenotypes	float				
ES__SUDD	EFS05, Surprise Movement Distances, Median of set	phenotypes	float				
ES__SUDS	EFS05, Surprise Movement Distances, StdDev of set	phenotypes	float				
ES__SUMG	EFS05, Surprise Movement Times, Number left in set	phenotypes	integer				
ES__SUMM	EFS05, Surprise Movement Times, Mean of set	phenotypes	float				
ES__SUMD	EFS05, Surprise Movement Times, Median of set	phenotypes	float				
ES__SUMS	EFS05, Surprise Movement Times, StdDev of set	phenotypes	float				
ES__ANAN	EFS05, Anger Stimulus, Total Anger Responses	phenotypes	integer				
ES__DIAN	EFS05, Disgust Stimulus, Total Anger Responses	phenotypes	integer				
ES__FEAN	EFS05, Fear Stimulus, Total Anger Responses	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__HAAN	EFS05, Happiness Stimulus, Total Anger Responses	phenotypes	integer				
ES__NEAN	EFS05, Neutral Stimulus, Total Anger Responses	phenotypes	integer				
ES__SAAN	EFS05, Sadness Stimulus, Total Anger Responses	phenotypes	integer				
ES__SUAN	EFS05, Surprise Stimulus, Total Anger Responses	phenotypes	integer				
ES__ANDI	EFS05, Anger Stimulus, Total Disgust Responses	phenotypes	integer				
ES__DIDI	EFS05, Disgust Stimulus, Total Disgust Responses	phenotypes	integer				
ES__FEDI	EFS05, Fear Stimulus, Total Disgust Responses	phenotypes	integer				
ES__HADI	EFS05, Happiness Stimulus, Total Disgust Responses	phenotypes	integer				
ES__NEDI	EFS05, Neutral Stimulus, Total Disgust Responses	phenotypes	integer				
ES__SADI	EFS05, Sadness Stimulus, Total Disgust Responses	phenotypes	integer				
ES__SUDI	EFS05, Surprise Stimulus, Total Disgust Responses	phenotypes	integer				
ES__ANFE	EFS05, Anger Stimulus, Total Fear Responses	phenotypes	integer				
ES__DIFE	EFS05, Disgust Stimulus, Total Fear Responses	phenotypes	integer				
ES__FEFE	EFS05, Fear Stimulus, Total Fear Responses	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__HAFE	EFS05, Happiness Stimulus, Total Fear Responses	phenotypes	integer				
ES__NEFE	EFS05, Neutral Stimulus, Total Fear Responses	phenotypes	integer				
ES__SAFE	EFS05, Sadness Stimulus, Total Fear Responses	phenotypes	integer				
ES__SUFE	EFS05, Surprise Stimulus, Total Fear Responses	phenotypes	integer				
ES__ANHA	EFS05, Anger Stimulus, Total Happiness Responses	phenotypes	integer				
ES__DIHA	EFS05, Disgust Stimulus, Total Happiness Responses	phenotypes	integer				
ES__FEHA	EFS05, Fear Stimulus, Total Happiness Responses	phenotypes	integer				
ES__HAHA	EFS05, Happiness Stimulus, Total Happiness Responses	phenotypes	integer				
ES__NEHA	EFS05, Neutral Stimulus, Total Happiness Responses	phenotypes	integer				
ES__SAHA	EFS05, Sadness Stimulus, Total Happiness Responses	phenotypes	integer				
ES__SUHA	EFS05, Surprise Stimulus, Total Happiness Responses	phenotypes	integer				
ES__ANNE	EFS05, Anger Stimulus, Total Neutral Responses	phenotypes	integer				
ES__DINE	EFS05, Disgust Stimulus, Total Neutral Responses	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__FENE	EFS05, Fear Stimulus, Total Neutral Responses	phenotypes	integer				
ES__HANE	EFS05, Happiness Stimulus, Total Neutral Responses	phenotypes	integer				
ES__NENE	EFS05, Neutral Stimulus, Total Neutral Responses	phenotypes	integer				
ES__SANE	EFS05, Sadness Stimulus, Total Neutral Responses	phenotypes	integer				
ES__SUNE	EFS05, Surprise Stimulus, Total Neutral Responses	phenotypes	integer				
ES__ANSA	EFS05, Anger Stimulus, Total Sadness Responses	phenotypes	integer				
ES__DISA	EFS05, Disgust Stimulus, Total Sadness Responses	phenotypes	integer				
ES__FESA	EFS05, Fear Stimulus, Total Sadness Responses	phenotypes	integer				
ES__HASA	EFS05, Happiness Stimulus, Total Sadness Responses	phenotypes	integer				
ES__NESA	EFS05, Neutral Stimulus, Total Sadness Responses	phenotypes	integer				
ES__SASA	EFS05, Sadness Stimulus, Total Sadness Responses	phenotypes	integer				
ES__SUSA	EFS05, Surprise Stimulus, Total Sadness Responses	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ES__ANSU	EFS05, Anger Stimulus, Total Surprise Responses	phenotypes	integer				
ES__DISU	EFS05, Disgust Stimulus, Total Surprise Responses	phenotypes	integer				
ES__FESU	EFS05, Fear Stimulus, Total Surprise Responses	phenotypes	integer				
ES__HASU	EFS05, Happiness Stimulus, Total Surprise Responses	phenotypes	integer				
ES__NESU	EFS05, Neutral Stimulus, Total Surprise Responses	phenotypes	integer				
ES__SASU	EFS05, Sadness Stimulus, Total Surprise Responses	phenotypes	integer				
ES__SUSU	EFS05, Surprise Stimulus, Total Surprise Responses	phenotypes	integer				
NEGSUM_STATIC	Ability to identify negative facial expression of emotions, based on static (versus animated) pictures. Sum of anger, disgust, fear, and sadness totals.	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi1	Question 1. Sadness (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI1 is missing then BDI1 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I do not feel sad 1=I feel sad much of the time 2=I am sad all of the time 3=I am so sad or unhappy that I can?t stand it
bdi2	Question 2. Pessimism (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI2 is missing then BDI2 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I am not discouraged about my future 1=I feel more discouraged about my future than I used to be 2=I do not expect things to work out for me 3=I feel my future is hopeless and will only get worse
bdi3	Question 3. Past Failure (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI3 is missing then BDI3 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I do not feel like a failure 1=I have failed more than I should have 2=As I look back I see a lot of failures 3=I feel I am a total failure as a person

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi4	Question 4. Loss of Pleasure (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI4 is missing then BDI4 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I get as much pleasure as I ever did from the things I enjoy 1=I don?t enjoy things as much as I used to 2=I get very little pleasure from the things I used to enjoy 3=I can?t get any pleasure from the things I used to enjoy
bdi5	Question 5. Guilty Feelings (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI5 is missing then BDI5 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I don?t feel particularly guilty 1=I feel guilty over many things I have done or should have done 2=I feel quite guilty most of the time 3=I feel guilty all of the time
bdi6	Question 6. Punishment Feelings (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI6 is missing then BDI6 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I don?t feel I am being punished 1=I feel I may be punished 2=I expect to be punished 3=I feel I am being punished

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi7	Question 7. Self-Dislike (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI7 is missing then BDI7 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I feel the same about myself as ever 1=I have lost confidence in myself 2=I am disappointed in myself 3=I dislike myself
bdi8	Question 8. Self-Criticalness (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI8 is missing then BDI8 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I don?t criticize or blame myself more than usual 1=I am more critical of myself than I used to be 2=I criticize myself for all of my faults 3=I blame myself for everything bad that happens
bdi9	Question 9. Suicidal Thoughts or Wishes (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI9 is missing then BDI9 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I don?t have any thoughts of killing myself 1=I have thoughts of killing myself but I would not carry them out 2=I would like to kill myself 3=I would kill myself if I had the chance

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi10	Question 10. Crying (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI10 is missing then BDI10 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I don?t cry anymore than I used to 1=I cry more than I used to 2=I cry over every little thing 3=I feel like crying but I can?t
bdi11	Question 11. Agitation (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI11 is missing then BDI11 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I am no more restless or wound up than usual 1=I feel more restless or wound up than usual 2=I am so restless or agitated that it?s hard to stay still 3=I am so restless or agitated that I have to keep moving or doing something
bdi12	Question 12. Loss of Interest (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI12 is missing then BDI12 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I have not lost interest in other people or activities 1=I am less interested in other people or things than before 2=I have lost most of my interest in other people or things 3=It?s hard to get interested in anything

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi13	Question 13. Indecisiveness (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI13 is missing then BDI13 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I make decisions about as well as ever 1=I find it more difficult to make decisions than usual 2=I have much greater difficulty in making decisions than I used to 3=I have trouble making any decisions
bdi14	Question 14. Worthlessness (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI14 is missing then BDI14 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I do not feel I am worthless 1=I don?t consider myself as worthwhile and useful as I used to 2=I feel more worthless as compared to other people 3=I feel utterly worthless
bdi15	Question 15. Loss of Energy (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI15 is missing then BDI15 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I have as much energy as ever 1=I have less energy than I used to 2=I don?t have enough energy to do very much 3=I don?t have enough energy to do anything

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi16	Question 16. Changes in Sleeping Pattern (Imputed Version)Options 1a or 1b will be set equal to 1. Options 2a or 2b will be set equal to 2. Options 3a or 3b will be set equal to 3.Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI16 is missing then BDI16 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value				0=I have not experienced any change in my sleeping pattern 1=(1a) I sleep somewhat more than usual OR (1b) I sleep somewhat less than usual 2=(2a) I sleep a lot more than usual OR (2b) I sleep a lot less than usual 3=(3a) I sleep most of the day OR (3b) I wake up 1-2 hours early and can?t get back to sleep
bdi17	Question 17. Irritability (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI17 is missing then BDI17 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I am no more irritable than usual 1=I am more irritable than usual 2=I am much more irritable than usual 3=I am irritable all the time

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi18	Question 18. Changes in Appetite (Imputed Version)Options 1a or 1b will be set equal to 1. Options 2a or 2b will be set equal to 2.Options 3a or 3b will be set equal to 3.Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI18 is missing then BDI18 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value				0=I have not experienced any change in my appetite 1=(1a) My appetite is somewhat less than usual OR (1b) My appetite is somewhat greater than usual 2=(2a) My appetite is much less than usual OR (2b) My appetite is much greater than usual 3=(3a) I have no appetite at all OR (3b) I crave food all the time
bdi19	Question 19. Concentration Difficulty (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI19 is missing then BDI19 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I can concentrate as well as ever 1=I can?t concentrate as well as usual 2=It?s hard to keep my mind on anything for very long 3=I find I can?t concentrate on anything

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bdi20	Question 20. Tiredness or Fatigue (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI20 is missing then BDI20 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I am no more tired or fatigued than usual 1=I get more tired or fatigued more easily than usual 2=I am too tired or fatigued to do a lot of the things I used to do 3=I am too tired or fatigued to do most of the things I used to do
bdi21	Question 21. Loss of Interest in Sex (Imputed Version)Imputation Rule: if less than 5 of BDI1_U through BDI21_U are missing and BDI21 is missing then BDI21 = integer(median of non-missing BDI1_U through BDI21_U)	phenotypes	encoded value		0	3	0=I have not noticed any recent change in my interest in sex 1=I am less interested in sex than I used to be 2=I am much less interested in sex now 3=I have lost interest in sex completely
bditotal	BDI Total Score	phenotypes	integer		0	63	
bdi_cat	BDI-II Total Score categorized by severity using imputed values	phenotypes	encoded value		1	4	1=Minimal (BDI-II Total Score=0 ? 13) 2=Mild (BDI-II Total Score=14 ? 19) 3=Moderate (BDI-II Total Score=20 ? 28) 4=Severe (BDI-II Total Score=29 ? 63)
bdi_imputed	Indicator on whether bdi total was calculated with imputed values	phenotypes	encoded value		0	1	0=No 1=Yes

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs1	Question 1. I look forward to the future with hope and enthusiasm (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS1 is missing then BHS1 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs2	Question 2. I might as well give up because there is nothing I can do about making things better for myself (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS2 is missing then BHS2 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs3	Question 3. When things are going badly, I am helped by knowing that they cannot stay that way forever (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS3 is missing then BHS3 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs4	Question 4. I can't imagine what my life would be like in ten years (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS4 is missing then BHS4 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs5	Question 5. I have enough time to accomplish the things I want to do (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS5 is missing then BHS5 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs6	Question 6. In the future, I expect to succeed in what concerns me most (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS6 is missing then BHS6 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs7	Question 7. My future seems dark to me (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS7 is missing then BHS7 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs8	Question 8. I happen to be particularly lucky, and I expect to get more of the good things in life than the average person (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS8 is missing then BHS8 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs9	Question 9. I just can't get the breaks, and there's no reason I will in the future (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS9 is missing then BHS9 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs10	Question 10. My past experiences have prepared me well for the future (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS10 is missing then BHS10 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs11	Question 11. All I can see ahead of me is unpleasantness rather than pleasantness (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS11 is missing then BHS11 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs12	Question 12. I don't expect to get what I really want (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS12 is missing then BHS12 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True
bhs13	Question 13. When I look ahead to the future, I expect that I will be happier than I am now (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS13 is missing then BHS13 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs14	Question 14. Things just won't work out the way I want them to (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS14 is missing then BHS14 = integer(median of non-missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True
bhs15	Question 15. I have great faith in the future (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS15 is missing then BHS15 = integer(median of non-missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True
bhs16	Question 16. I never get what I want, so it's foolish to want anything (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS16 is missing then BHS16 = integer(median of non-missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs17	Question 17. It's very unlikely that I will get any real satisfaction in the future (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS17 is missing then BHS17 = integer(median of non-missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True
bhs18	Question 18. The future seems vague and uncertain to me (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS18 is missing then BHS18 = integer(median of non-missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True
bhs19	Question 19. I can look forward to more good times than bad times (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS19 is missing then BHS19 = integer(median of non-missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	1=False 0=True

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
bhs20	Question 20. There's no use in really trying to get anything I want because I probably won't get it (Imputed Version)Imputation Rule: If less than 5 of BHS1_U through BHS20_U are missing and BHS20 is missing then BHS20 = integer(median of non- missing BHS1_U through BHS20_U)	phenotypes	encoded value		0	1	0=False 1=True
bhs_tot	BHS Total Score using imputed values	phenotypes	integer		0	20	
bhs_validans	Number of valid answers	phenotypes	integer				
bhs_imputed	Does BHS Total contain imputed values	phenotypes	encoded value				0=No 1=Yes
hai1	It bothers me to see someone in a restaurant eating messy food with his fingers.	phenotypes	encoded value		0	1	1=True 0=False
hai2	Seeing a cockroach in someone else's house doesn't bother me.	phenotypes	encoded value		0	1	0=True 1=False
hai3	It bothers me to hear someone clear a throat full of mucous.	phenotypes	encoded value		0	1	1=True 0=False
hai4	I think it is immoral for people to seek sexual pleasure with animals.	phenotypes	encoded value		0	1	1=True 0=False
hai5	It would bother me to be in a science class and to see a human hand preserved in a jar.	phenotypes	encoded value		0	1	1=True 0=False

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
hai6	I would go out of my way to avoid walking through a graveyard.	phenotypes	encoded value		0	1	1=True 0=False
hai7	I never let any part of my body touch the toilet seat in public restrooms.	phenotypes	encoded value		0	1	1=True 0=False
hai8	Even if I was hungry, I would not drink a bowl of my favorite soup if it had been stirred by a used but thoroughly washed flyswatter.	phenotypes	encoded value		0	1	1=True 0=False
hai9	I might be willing to try eating monkey meat under some circumstances.	phenotypes	encoded value		0	1	0=True 1=False
hai10	It would bother me to see a rat run across my path in a park.	phenotypes	encoded value		0	1	1=True 0=False
hai11	If I see someone vomit, it makes me sick to my stomach.	phenotypes	encoded value		0	1	1=True 0=False
hai12	I think homosexual activities are immoral.	phenotypes	encoded value		0	1	1=True 0=False
hai13	It would not upset me at all to watch a person with a glass eye take the eye out of the socket	phenotypes	encoded value		0	1	0=True 1=False
hai14	It would bother me tremendously to touch a dead body.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai15	I probably would not go to my favorite restaurant if I found out the cook had a cold.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
hai16	It would bother me to sleep in a nice hotel room if I knew that a man had died of a heart attack in that room the night before.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai17	You see someone put ketchup on vanilla ice cream and eat it.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai18	You see maggots on a piece of meat in an outdoor garbage pail.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai19	While you are walking through a tunnel under a railroad track, you smell urine.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai20	You hear about a 30-year-old man who seeks sexual relationships with 80-year-old women.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai21	You see someone accidentally stick a fishing hook through his finger.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai22	Your friend's cat dies, and you have to pick up the dead body with your bare hands.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai23	You take a sip of soda, and then you realize that you drank from the glass that an acquaintance of yours had been drinking from.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai24	A friend of yours offers you a piece of chocolate shaped like dog-doo.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
hai25	You are about to drink a glass of milk when you smell that it is spoiled.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai26	You are walking barefoot on concrete, and you step on an earthworm.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai27	You see a bowel movement left unflushed in a public toilet.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai28	You hear about an adult woman who has sex with her father.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai29	You see a man with his intestines exposed after an accident.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai30	You accidentally touch the ashes of a person who has been cremated.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai31	You discover that a friend of yours changes underwear only once a week.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai32	As part of a sex education class, you are required to inflate a new unlubricated condom using your mouth.	phenotypes	encoded value		0	1	0=Not disgusting at all 1=Slightly disgusting 2=Very disgusting
hai_tot	Digust total (Count of True answers for questions 1,3,4,5,6,7,8,10,11,12,14,15,16 + Count of False answers for questions 2,9,13) + (sum of (17-32)/2)	phenotypes	integer		0	32	

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
hai_cnt	Number of answered questions	phenotypes	integer		0	32	
ley_1yn	1. Do you often feel like you have to do certain things even though you know you don't really have to? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_1	1. Do you often feel like you have to do certain things even though you know you don't really have to? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_2yn	2. Do thoughts or words ever keep going over and over in your mind? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_2	2. Do thoughts or words ever keep going over and over in your mind? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_3yn	3. Do you have to check things several times? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_3	3. Do you have to check things several times? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_4yn	4. Do you hate dirt and dirty things? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_4	4. Do you hate dirt and dirty things? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ley_5yn	5. Do you ever feel that if something has been used or touched by someone else it is spoiled for you? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_5	5. Do you ever feel that if something has been used or touched by someone else it is spoiled for you? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_6yn	6. Do you ever worry about being clean enough? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_6	6. Do you ever worry about being clean enough? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_7yn	7. Are you fussy about keeping your hands clean? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_7	7. Are you fussy about keeping your hands clean? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_8yn	8. When you put things away at night, do they have to be put away just right? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_8	8. When you put things away at night, do they have to be put away just right? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ley_9yn	9. Do you get angry if other people mess up your desk, room or area? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_9	9. Do you get angry if other people mess up your desk, room or area? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_10yn	10. Do you spend a lot of extra time checking your work to make sure it is just right? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_10	10. Do you spend a lot of extra time checking your work to make sure it is just right? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_11yn	11. Do you ever have to do things over and over a certain number of times before they seem quite right? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_11	11. Do you ever have to do things over and over a certain number of times before they seem quite right? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_12yn	12. Do you ever have to count several times or go through numbers in your mind? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_12	12. Do you ever have to count several times or go through numbers in your mind? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ley_13yn	13. Do you ever have trouble finishing your work or chores because you have to do something over and over again? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_13	13. Do you ever have trouble finishing your work or chores because you have to do something over and over again? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_14yn	14. Do you have a favorite or special number that you like to count up to a lot, or do things just that number of times? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_14	14. Do you have a favorite or special number that you like to count up to a lot, or do things just that number of times? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_15yn	15. Do you have a bad conscience because you have done something, even though no one else thinks it is bad? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_15	15. Do you have a bad conscience because you have done something, even though no one else thinks it is bad? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ley_16yn	16. Do you worry a lot if you have done something not exactly the way you like? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_16	16. Do you worry a lot if you have done something not exactly the way you like? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_17yn	17. Do you have trouble making up your mind? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_17	17. Do you have trouble making up your mind? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_18yn	18. Do you go over things a lot that you have done because you aren't sure they were the right things to do? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_18	18. Do you go over things a lot that you have done because you aren't sure they were the right things to do? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_19yn	19. Do you move or talk in just a special way to avoid bad luck? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_19	19. Do you move or talk in just a special way to avoid bad luck? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ley_20yn	20. Do you have special numbers or words you say, just because it keeps bad luck away or bad things away? Pertinent	phenotypes	encoded value		0	1	0=No 1=Yes
ley_20	20. Do you have special numbers or words you say, just because it keeps bad luck away or bad things away? Habit Impact	phenotypes	encoded value		0	3	0=Wastes none of my time 1=Wastes a little of my time 2=Wastes some of my time 3=Wastes a lot of my time
ley_yntot	sum of all yesno questions (ley_1yn thru ley_20yn)	phenotypes	integer				
ley_tot	sum of all non interference questions (ley_1 thru ley_20)	phenotypes	integer				
ley_grp	Leyton group (High Yes/ Low Interference, High interference, Negatives)	phenotypes	encoded value		1	3	1= High Yes/Low Interference 2=High Interference 3=Negative
ley_answrd	Number of valid answers	phenotypes	encoded value				
sis01	I feel cheerful	phenotypes	encoded value		0	3	0=Yes definitely 1=Yes sometimes 2=No not much 3=No not at all
sis02	I can sit down and relax quite easily	phenotypes	encoded value		0	3	0=Yes definitely 1=Yes sometimes 2=No not much 3=No not at all
sis03	My appetite is	phenotypes	encoded value		0	3	3=Very poor 2=Fairly good 1=Quite good 0=Very good
sis04	I lose my temper and shout or snap at others	phenotypes	encoded value		0	3	3=Yes definitely 2=Yes sometimes 1=No not much 0=No not at all
sis05	I feel tense or "wound up"	phenotypes	encoded value		0	3	3=Yes definitely 2=Yes sometimes 1=No not much 0=No not at all

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
sis06	I feel like harming myself	phenotypes	encoded value		0	3	3=Yes definitely 2=Yes sometimes 1=No not much 0=No not at all
sis07	I have kept up my old interests	phenotypes	encoded value		0	3	0=Yes most of them 1=Yes some of them 2=No not many of them 3=No none of them
sis08	I am patient with other people	phenotypes	encoded value		0	3	0=All of the time 1=Most of the time 2=Some of the time 3=Hardly ever
sis09	I get scared or panicky for no very good reason	phenotypes	encoded value		0	3	3=Yes definitely 2=Yes sometimes 1=No not much 0=Not at all
sis10	I get angry with myself or call myself names	phenotypes	encoded value		0	3	3=Yes definitely 2=Sometimes 1=Not often 0=No not at all
sis11	I can laugh and feel amused	phenotypes	encoded value		0	3	0=Yes definitely 1=Yes sometimes 2=No not much 3=No not at all
sis12	I feel I might lose control and hit or hurt someone	phenotypes	encoded value		0	3	3=Sometimes 2=Occasionally 1=Rarely 0=Never
sis13	I have an uncomfortable feeling like butterflies in the stomach	phenotypes	encoded value		0	3	3=Yes definitely 2=Yes sometimes 1=Not very often 0=Not at all
sis14	The thought of hurting myself occurs to me	phenotypes	encoded value		0	3	3=Sometimes 2=Not very often 1=Hardly ever 0=Not at all
sis15	I'm awake before I need to get up	phenotypes	encoded value		0	3	3=For 2 hours or more 2=For about 1 hour 1=For less than an hour 0=Not at all I sleep until it is time to get up
sis16	People upset me so that I feel like slamming doors or banging about	phenotypes	encoded value		0	3	3=Yes often 2=Yes sometimes 1=Only occasionally 0=Not at all

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
sis17	I can go out on my own without feeling anxious	phenotypes	encoded value		0	3	0=Yes always 1=Yes sometimes 2=No not often 3=No I never can
sis18	Lately I have been getting annoyed with myself	phenotypes	encoded value		0	3	3=Very much so 2=Rather a lot 1=Not much 0=Not at all
sis_depscore	Depression Score (sum of questions 1,2,7,8,11,17)	phenotypes	integer		0	18	
sis_anxscore	Anxiety Score (sum of questions 2,5,9,13,17)	phenotypes	integer		0	15	
sis_inwscore	Inward Irritability Score (sum of questions 6,10,14,18)	phenotypes	integer		0	12	
sis_outscore	Outward Irritability Score (sum of questions 4,8,12,16)	phenotypes	integer		0	12	
form_name	form used for the data	phenotypes	encoded value		0	1	0=Unified Huntinton's Disease Rating Scale Behavioral 1 =Problem Behavior Assessment Short Form
depscore	Depression score (Severity of Depressed Mood * Frequency of Depressed Mood) + (Severity of Suicidal Ideation * Frequency of Suicidal Ideation) + (Severity of Anxiety * Frequency of Anxiety)	phenotypes	integer		0	48	
irascore	Irritability Score (Severity of Irritability * Frequency of Irritability) + (Severity of Angry or Aggressive Behaviour * Frequency of Angry or Aggressive Behaviour)	phenotypes	integer	0	32		

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
psyscore	Psychosis Score (Severity of Delusions/Paranoid Thinking * Freqency of Delusions/Paranoid Thinking) + (Severity of Hallucinations * Freqency of Hallucinations)	phenotypes	integer		0	32	
aptscore	Apathy Score (Severity of Apathy * Freqency of Apathy)	phenotypes	integer		0	16	
exfscore	Executive Function Score (Severity of Perseverative Thinking or Behaviour * Freqency of Obsessive-Compulsive Behaviours) + (Severity of Perseverative Thinking or Behaviour * Freqency of Obsessive-Compulsive Behaviours)	phenotypes	integer		0	32	
pbainfo	Is the informant a relative?	phenotypes	encoded value		1	9	1= spouse or partner 2=parent 3=sibling 4=child 5=other relative 6=friend or neighbour 7=professional care worker 8=other 9=no informant - subject came alone

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbahshd	Is the informant a household member?	phenotypes	encoded value		1	9	1= household member (i.e. relative or friend who lives with participant) 2=not a household member but has frequent contact with participant (most days) 3=not a household member and sees participant less than three or four times a week 4=staff or residential care home or hospital 9=no informant - participant came alone
pbas1sv	Depressed mood severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas1fr	Depressed mood frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas1wo	Depressed mood worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas2sv	Suicidal ideation severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas2fr	Suicidal ideation frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbas2wo	Suicidal ideation worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas3sv	Anxiety severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas3fr	Anxiety frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas3wo	Anxiety worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas4sv	Irritability severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas4fr	Irritability frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas4wo	Irritability worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbas5sv	Angry or aggressive behaviour severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas5fr	Angry or aggressive behaviour frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas5wo	Angry or aggressive behaviour worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas6sv	Lack of initiative (apathy) severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas6fr	Lack of initiative (apathy) frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas6wo	Lack of initiative (apathy) worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas7sv	Perseverative thinking or behaviour severity	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbas7fr	Perseverative thinking or behaviour frequency	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas7wo	Perseverative thinking or behaviour worst	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas8sv	Obsessive-compulsive behaviours severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas8fr	Obsessive-compulsive behaviours frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas8wo	Obsessive-compulsive behaviours worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas9sv	Delusions - paranoid thinking severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas9fr	Delusions - paranoid thinking frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbas9wo	Delusions - paranoid thinking worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas10sv	Hallucinations severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas10fr	Hallucinations frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day
pbas10wo	Hallucinations worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
pbas10sm1	Modality of hallucinations - auditory	phenotypes	encoded value		0	1	0=no 1=yes
pbas10sm2	Modality of hallucinations - visual	phenotypes	encoded value		0	1	0=no 1=yes
pbas10sm3	Modality of hallucinations - tactile	phenotypes	encoded value		0	1	0=no 1=yes
pbas10sm4	Modality of hallucinations - olfactory	phenotypes	encoded value		0	1	0=no 1=yes
pbas10sm5	Modality of hallucinations - gustatory	phenotypes	encoded value		0	1	0=no 1=yes
pbas11sv	Disoriented behaviour severity	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbas11fr	Disoriented behaviour frequency	phenotypes	encoded value		0	4	0=never almost never 1=seldom (less than once week) 2=sometimes (up to four times a week) 3=frequently (most days 5, 6, 7 times a week) 4=daily almost daily for most (or all) of day 5= 5 = yes (combined question from UHDRS)
pbas11wo	Disoriented behaviour worst	phenotypes	encoded value		0	4	0=absent 1=slight, questionable 2=mild (present, not a problem) 3=moderate (symptom causing problem) 4=sever (almost intolerable for carer)
uhdrsb_27a	Low self-esteem/Guilt frequency	phenotypes	encoded value		0	4	0=never or almost never 1=seldom, less than once a week 2=sometimes, at least once a week 3=frequently, several times a week 4=very frequently, most all the time
uhdrsb_27b	Low self-esteem/Guilt severity	phenotypes	encoded value		0	4	0=no evidence 1= questionable or equivocal 2=mild, responds to reassurance 3=moderate, impacts on everyday life 4=severe, causing a restriction of activiities
pbax_36a	Does the examiner believe that this has altered the performance on the UHDRS? (custom question in the PREDICT-HD study)	phenotypes	encoded value		0	1	0=no 1=yes
uhdrsb_q37	Does the examiner believe that the participant is showing signs of dementia?	phenotypes	encoded value		0	1	0=no 1=yes

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pbax_37a	Does the examiner believe that this has altered the performance on the UHDRS? (custom question in the PREDICT-HD study)	phenotypes	encoded value		0	1	0=no 1=yes
uhdrsb_38	Does the examiner believe that the particiapnt is showing signs of depression?	phenotypes	encoded value		0	1	0=no 1=yes
uhdrsb_39	In the opinion of the examiner, is a clinical evaluation or follow up warranted for possible pharmacotherapy of depression?	phenotypes	encoded value		0	1	0=no 1=yes
uhdrsb_40	In the opinion of the examiner, is a clinical evaluation or follow up warranted for possible pharmacotherapy of irritability?	phenotypes	encoded value		0	1	0=no 1=yes
pbastaff	Examiner code	phenotypes	string				
pss_totalscore	PSS Total Score	phenotypes	integer		0	64	
pssp1_1	In the last month, how often have you/your child been/was upset because of something that happened unexpectedly?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp1_2	In the last month, how often have you felt that you were unable to control the important things in your life?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pssp1_3	In the last month, how often have you felt/did your child appear nervous and "stressed"?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp1_4	In the last month, how often have you dealt successfully with day to day problems an annoyances?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp1_5	In the last month, how often have you felt that you were effectively coping with important changes that were occuring in your life?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp2_1	In the last month, how often have you felt/your child appear confident about your/his/her ability to handle personal problems?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp2_2	In the last month, how often have you felt that things were going your way?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp2_3	In the last month, how often have you found that you could not/your child seem unable to cope with all the things that you had to do?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp2_4	In the last month, how often have you been/your child seem able to control irritations in your life?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
pssp2_5	In the last month, how often have you felt that you were on top of things?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp3_1	In the last month, how often have you been/your child appear angered because of things that happened were outside of your control?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp3_2	In the last month, how often have you found yourself thinking about things that you have to accomplish?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp3_3	In the last month, how often have you been able to control the way you spend your time?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pssp3_4	In the last month, how often have you felt difficulties were piling up so high that you could not/your child did seem able to overcome them?	phenotypes	encoded value		0	4	1= Almost Never 2= Sometimes 3= Fairly Often 4= Very Often
pss_missingcnt	total number of missing items	phenotypes	integer				
pss_itemcnt	Number of Items	phenotypes	integer				
UHDRS_PSYCH_P	Participant UHDRS Psychiatric total-Sum of product of frequency and severity for UHDRS25a-UHDRS35b (UHDRS25a*UHDRS25b+...+UHDRS35a*UHDRS35b)	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
SCL90_DEPRESS_P	Participant SCL90R Depression score	phenotypes	float				
SCL90_GSI_P	Participant SCL90R Global Severity Index	phenotypes	float				
SCL90_PST_P	Participant SCL90R Positive Symptom Total	phenotypes	integer				
SCL90_PSDI_P	Participant SCL90R Positive Symptom Distress Index	phenotypes	float				
tsomatiz_p	Participant SCL90 Somatization T Score	phenotypes	integer				
tobsess_p	Participant SCL90 Obs-Compulsive T Score	phenotypes	integer				
tsensitiv_p	Participant SCL90 Sensitivity T Score	phenotypes	integer				
tdepress_p	Participant SCL90 Depression T Score	phenotypes	integer				
tanxiety_p	Participant SCL90 Anxiety T Score	phenotypes	integer				
thostility_p	Participant SCL90 Hostility T Score	phenotypes	integer				
tphobic_p	Participant SCL90 Phobic Anxiety T Score	phenotypes	integer				
tparanoid_p	Participant SCL90 Paranoid Ideation T Score	phenotypes	integer				
tpsychoticism_p	Participant SCL90 Psychoticism T Score	phenotypes	integer				
tsclgsi_p	Participant SCL90 Global Severity Index T Score	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
tsclpst_p	Participant SCL90 Positive Symptom Distress Index T Score	phenotypes	integer				
tsclpsdi_p	Participant SCL90 Positive Symptom Total T Score	phenotypes	integer				
FRSBE_TOTAL_P	Participant FRSBE Total - Sum of FRSBE1a-FRSBE18b	phenotypes	integer		1	180	
exec_p	Participant FrSBe Executive Subscale	phenotypes	integer				
disin_p	Participant FrSBe Disinhibition Subscale	phenotypes	integer				
apathy_p	Participant FrSBe Apathy Subscale	phenotypes	integer				
UHDRS_PSYCH_C	Companion UHDRS Psychiatric total - Sum of product of frequency and severity for UHDRS25a-UHDRS35b (UHDRS25a*UHDRS25b+...+UHDRS35a*UHDRS35b)	phenotypes	integer				
SCL90_DEPRESS_C	Companion SCL90R Depression score	phenotypes	float				
SCL90_GSI_C	Companion SCL90R Global Severity Index	phenotypes	float				
SCL90_PST_C	Companion SCL90R Positive Symptom Total	phenotypes	integer				
SCL90_PSDI_C	Companion SCL90R Positive Symptom Distress Index	phenotypes	float				
tsomatiz_c	Companion SCL90 Somatization T Score	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
tobsess_c	Companion SCL90 Obs-Compulsive T Score	phenotypes	integer				
tsensitiv_c	Companion SCL90 Sensitivity T Score	phenotypes	integer				
tdepress_c	Companion SCL90 Depression T Score	phenotypes	integer				
tanxiety_c	Companion SCL90 Anxiety T Score	phenotypes	integer				
thostility_c	Companion SCL90 Hostility T Score	phenotypes	integer				
tphobic_c	Companion SCL90 Phobic Anxiety T Score	phenotypes	integer				
tparanoid_c	Companion SCL90 Paranoid Ideation T Score	phenotypes	integer				
tpsychoticism_c	Companion SCL90 Psychoticism T Score	phenotypes	integer				
tsclgsi_c	Companion SCL90 Global Severity Index T Score	phenotypes	integer				
tsclpst_c	Companion SCL90 Positive Symptom Total T Score	phenotypes	integer				
tsclpsdi_c	Companion SCL90 Positive Symptom Distress Index T Score	phenotypes	integer				
FRSBE_TOTAL_C	Companion FRSBE Total - Sum of FRSBE1a-FRSBE18b	phenotypes	integer		1	180	
exec_c	Companion FrSBe Executive Subscale	phenotypes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
disin_c	Companion FrSBe Disinhibition Subscale	phenotypes	integer				
apathy_c	Companion FrSBe Apathy Subscale	phenotypes	integer				
region	Region	phenotypes	encoded value				- Northern America - Australasia - Europe

4.2 Data File predicthd_2020_80HdG

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	8oHdG	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	8oHdG	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	8oHdG	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	8oHdG	integer	YEAR			
days_in_study	Days since baseline	8oHdG	integer				
SECTION	STUDY SECTION	8oHdG	string				
DELIVERY	ASSESSMENT DELIVERY MODE	8oHdG	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	8oHdG	string				
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	8oHdG	encoded value				P=Participant C=Companion

site[1]	Study site number (external)	8oHdG	integer				
country[1]	Country where data was collected	8oHdG	string				
substance	Biomarker	8oHdG	string				
concentration	concentration value of substance analyzed	8oHdG	float				
region	Region		encoded value				- Northern America - Australasia - Europe

4.3 Data File predicthd_2020_aseg

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	aseg	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	aseg	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	aseg	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	aseg	integer	YEAR			
days_in_study	Days since baseline	aseg	integer				
SECTION	STUDY SECTION	aseg	string				
DELIVERY	ASSESSMENT DELIVERY MODE	aseg	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	aseg	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	aseg	encoded value				P=Participant C=Companion
field_strength	MRI Scanner Field Strength	aseg	float	tesla			
Left-Lateral-Ventricle	Freesurfer5.2 Volume of the Left-Lateral-Ventricle	aseg	float	volume_mm3			
Left-Inf-Lat-Vent	Freesurfer5.2 Volume of the Left-Inf-Lat-Vent	aseg	float	volume_mm3			
Left-Cerebellum-White-Matter	Freesurfer5.2 Volume of the Left-Cerebellum-White-Matter	aseg	float	volume_mm3			
Left-Cerebellum-Cortex	Freesurfer5.2 Volume of the Left-Cerebellum-Cortex	aseg	float	volume_mm3			
Left-Thalamus-Proper	Freesurfer5.2 Volume of the Left-Thalamus-Proper	aseg	float	volume_mm3			
Left-Caudate	Freesurfer5.2 Volume of the Left-Caudate	aseg	float	volume_mm3			
Left-Putamen	Freesurfer5.2 Volume of the Left-Putamen	aseg	float	volume_mm3			
Left-Pallidum	Freesurfer5.2 Volume of the Left-Pallidum	aseg	float	volume_mm3			
3rd-Ventricle	Freesurfer5.2 Volume of the 3rd-Ventricle	aseg	float	volume_mm3			
4th-Ventricle	Freesurfer5.2 Volume of the 4th-Ventricle	aseg	float	volume_mm3			
Brain-Stem	Freesurfer5.2 Volume of the Brain-Stem	aseg	float	volume_mm3			
Left-Hippocampus	Freesurfer5.2 Volume of the Left-Hippocampus	aseg	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Left-Amygdala	Freesurfer5.2 Volume of the Left-Amygdala	aseg	float	volume_mm3			
CSF	Freesurfer5.2 Volume of the CSF	aseg	float	volume_mm3			
CC_Posterior	Freesurfer5.2 Volume of the CC_Posterior	aseg	float	volume_mm3			
CC_Mid_Posterior	Freesurfer5.2 Volume of the CC_Mid_Posterior	aseg	float	volume_mm3			
CC_Central	Freesurfer5.2 Volume of the CC_Central	aseg	float	volume_mm3			
Left-Accumbens-area	Freesurfer5.2 Volume of the Left-Accumbens-area	aseg	float	volume_mm3			
Left-VentralDC	Freesurfer5.2 Volume of the Left-Ventral DC	aseg	float	volume_mm3			
Left-vessel	Freesurfer5.2 Volume of the Left-vessel	aseg	float	volume_mm3			
Left-choroid-plexus	Freesurfer5.2 Volume of the Left-choroid-plexus	aseg	float	volume_mm3			
Right-Lateral-Ventricle	Freesurfer5.2 Volume of the Right-Lateral-Ventricle	aseg	float	volume_mm3			
Right-Inf-Lat-Vent	Freesurfer5.2 Volume of the Right-Inf-Lat-Vent	aseg	float	volume_mm3			
Right-Cerebellum-White-Matter	Freesurfer5.2 Volume of the Right-Cerebellum-White-Matter	aseg	float	volume_mm3			
Right-Cerebellum-Cortex	Freesurfer5.2 Volume of the Right-Cerebellum-Cortex	aseg	float	volume_mm3			
Right-Thalamus-Proper	Freesurfer5.2 Volume of the Right-Thalamus-Proper	aseg	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Right-Caudate	Freesurfer5.2 Volume of the Right-Caudate	aseg	float	volume_mm3			
Right-Putamen	Freesurfer5.2 Volume of the Right-Putamen	aseg	float	volume_mm3			
Right-Pallidum	Freesurfer5.2 Volume of the Right-Pallidum	aseg	float	volume_mm3			
Right-Hippocampus	Freesurfer5.2 Volume of the Right-Hippocampus	aseg	float	volume_mm3			
Right-Amygdala	Freesurfer5.2 Volume of the Right-Amygdala	aseg	float	volume_mm3			
Right-Accumbens-area	Freesurfer5.2 Volume of the Right-Accumbens-area	aseg	float	volume_mm3			
Right-VentralDC	Freesurfer5.2 Volume of the Right-Ventral DC	aseg	float	volume_mm3			
Right-vessel	Freesurfer5.2 Volume of the Right-vessel	aseg	float	volume_mm3			
Right-choroid-plexus	Freesurfer5.2 Volume of the Right-choroid-plexus	aseg	float	volume_mm3			
5th-Ventricle	Freesurfer5.2 Volume of the 5th-Ventricle	aseg	float	volume_mm3			
WM-hypointensities	Freesurfer5.2 Volume of the WM-hypointensities	aseg	float	volume_mm3			
Left-WM-hypointensities	Freesurfer5.2 Volume of the Left-WM-hypointensities	aseg	float	volume_mm3			
Right-WM-hypointensities	Freesurfer5.2 Volume of the Right-WM-hypointensities	aseg	float	volume_mm3			
non-WM-hypointensities	Freesurfer5.2 Volume of the non-WM-hypointensities	aseg	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Left-non-WM-hypointensities	Freesurfer5.2 Volume of the Left-non-WM-hypointensities	aseg	float	volume_mm3			
Right-non-WM-hypointensities	Freesurfer5.2 Volume of the Right-non-WM-hypointensities	aseg	float	volume_mm3			
Optic-Chiasm	Freesurfer5.2 Volume of the Optic-Chiasm	aseg	float	volume_mm3			
CC_Mid_Anterior	Freesurfer5.2 Volume of the CC_Mid_Anterior	aseg	float	volume_mm3			
CC_Anterior	Freesurfer5.2 Volume of the CC_Anterior	aseg	float	volume_mm3			
BrainSegVol	Freesurfer5.2 Volume of the Brain Seg Vol	aseg	float	volume_mm3			
BrainSegVol NotVent	Freesurfer5.2 Volume of the Brain Seg Vol Not Vent	aseg	float	volume_mm3			
BrainSegVol NotVentSurf	Freesurfer5.2 Volume of the Brain Seg Vol Not Vent Surf	aseg	float	volume_mm3			
lhCortexVol	Freesurfer5.2 Volume of the lh Cortex Vol	aseg	float	volume_mm3			
rhCortexVol	Freesurfer5.2 Volume of the rh Cortex Vol	aseg	float	volume_mm3			
CortexVol	Freesurfer5.2 Volume of the Cortex Vol	aseg	float	volume_mm3			
lhCorticalWhiteMatterVol	Freesurfer5.2 Volume of the lh Cortical White Matter Vol	aseg	float	volume_mm3			
rhCorticalWhiteMatterVol	Freesurfer5.2 Volume of the rh Cortical White Matter Vol	aseg	float	volume_mm3			

CorticalWhiteMatterVol	Freesurfer5.2 Volume of the Cortical White Matter Vol	aseg	float	volume_mm3			
SubCortGrayVol	Freesurfer5.2 Volume of the Sub Cort Gray Vol	aseg	float	volume_mm3			
TotalGrayVol	Freesurfer5.2 Volume of the Total Gray Vol	aseg	float	volume_mm3			
SupraTentorialVol	Freesurfer5.2 Volume of the SupraTentorial Vol	aseg	float	volume_mm3			
SupraTentorialVolNotVent	Freesurfer5.2 Volume of the SupraTentorial Vol Not Vent	aseg	float	volume_mm3			
SupraTentorialVolNotVentVox	Freesurfer5.2 Volume of the SupraTentorial Vol Not Vent Vox	aseg	float	volume_mm3			
MaskVol	Freesurfer5.2 Volume of the Mask Vol	aseg	float	volume_mm3			
BrainSegVol-to-eTIV	Freesurfer5.2 Volume of the Brain Seg Vol-to-eTIV	aseg	float	ratio			
MaskVol-to-eTIV	Freesurfer5.2 Volume of the Mask Vol-to-eTIV	aseg	float	ratio			
EstimatedTotalIntraCranialVol	Freesurfer5.2 Volume of the Estimated Total IntraCranial Vol	aseg	float	volume_mm3			
region	Region		encoded value				- Northern America - Australasia - Europe

4.4 Data File predicthd_2020_HDPET_FDG

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	HDPET_FDG	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	HDPET_FDG	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	HDPET_FDG	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	HDPET_FDG	date	YEAR			
days_in_study	Days since baseline	HDPET_FDG	integer				
SECTION	STUDY SECTION	HDPET_FDG	string				
DELIVERY	ASSESSMENT DELIVERY MODE	HDPET_FDG	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	HDPET_FDG	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
INFORMANT	INFORMANT ABBREVIATION	HDPET_FDG	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	HDPET_FDG	integer				
country[1]	Country where data was collected	HDPET_FDG	string				
Global_Value	Mean global FDG PET measurement	HDPET_FDG	float				
L_Cerebellum_Crus2_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_Crus2	HDPET_FDG	float				
R_Cerebellum_Crus2_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_Crus2	HDPET_FDG	float				
L_Cerebellum_7b_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_7b	HDPET_FDG	float				
R_Cerebellum_7b_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_7b	HDPET_FDG	float				
L_Cerebellum_8_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_8	HDPET_FDG	float				
R_Cerebellum_8_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_8	HDPET_FDG	float				
L_Cerebellum_9_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_9	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
R_Cerebelum_9_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_9	HDPET_FDG	float				
L_Cerebelum_10_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_10	HDPET_FDG	float				
R_Cerebelum_10_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_10	HDPET_FDG	float				
L_Fusiform_mean	Volume of interest measure of mean FDG PET in L_Fusiform	HDPET_FDG	float				
R_Fusiform_mean	Volume of interest measure of mean FDG PET in R_Fusiform	HDPET_FDG	float				
L_Temporal_Inf_mean	Volume of interest measure of mean FDG PET in L_Temporal_Inf	HDPET_FDG	float				
R_Temporal_Inf_mean	Volume of interest measure of mean FDG PET in R_Temporal_Inf	HDPET_FDG	float				
L_Temporal_Pole_Mid_mean	Volume of interest measure of mean FDG PET in L_Temporal_Pole_Mid	HDPET_FDG	float				
R_Temporal_Pole_Mid_mean	Volume of interest measure of mean FDG PET in R_Temporal_Pole_Mid	HDPET_FDG	float				
Vermis_8_mean	Volume of interest measure of mean FDG PET in Vermis_8	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Vermis_9_mean	Volume of interest measure of mean FDG PET in Vermis_9	HDPET_FDG	float				
L_Cerebellum_Crus1_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_Crus1	HDPET_FDG	float				
R_Cerebellum_Crus1_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_Crus1	HDPET_FDG	float				
L_Pons_mean	Volume of interest measure of mean FDG PET in L_Pons	HDPET_FDG	float				
R_Pons_mean	Volume of interest measure of mean FDG PET in R_Pons	HDPET_FDG	float				
L_Cerebellum_6_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_6	HDPET_FDG	float				
R_Cerebellum_6_mean	Volume of interest measure of mean FDG PET in R_Cerebellum_6	HDPET_FDG	float				
Vermis_10_mean	Volume of interest measure of mean FDG PET in Vermis_10	HDPET_FDG	float				
L_ParaHippocampal_mean	Volume of interest measure of mean FDG PET in L_ParaHippocampal	HDPET_FDG	float				
R_ParaHippocampal_mean	Volume of interest measure of mean FDG PET in R_ParaHippocampal	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Temporal_Pole_Sup_mean	Volume of interest measure of mean FDG PET in L_Temporal_Pole_Sup	HDPET_FDG	float				
R_Temporal_Pole_Sup_mean	Volume of interest measure of mean FDG PET in R_Temporal_Pole_Sup	HDPET_FDG	float				
L_Cerebelum_4_5_mean	Volume of interest measure of mean FDG PET in L_Cerebellum_4_5	HDPET_FDG	float				
R_Cerebelum_4_5_mean	R_Cerebelum_4_5_mean	R_Cerebelum_4_5_mean	R_Cerebelum_4_5_mean				
Vermis_7_mean	Vermis_7_mean	Vermis_7_mean	Vermis_7_mean				
L_Temporal_Mid_mean	L_Temporal_Mid_mean	L_Temporal_Mid_mean	L_Temporal_Mid_mean				
R_Temporal_Mid_mean	R_Temporal_Mid_mean	R_Temporal_Mid_mean	R_Temporal_Mid_mean				
L_Amygdala_mean	L_Amygdala_mean	L_Amygdala_mean	L_Amygdala_mean				
R_Amygdala_mean	R_Amygdala_mean	R_Amygdala_mean	R_Amygdala_mean				
L_Hippocampus_mean	L_Hippocampus_mean	L_Hippocampus_mean	L_Hippocampus_mean				
R_Hippocampus_mean	R_Hippocampus_mean	R_Hippocampus_mean	R_Hippocampus_mean				
L_Cerebelum_3_mean	L_Cerebelum_3_mean	L_Cerebelum_3_mean	L_Cerebelum_3_mean				
R_Cerebelum_3_mean	R_Cerebelum_3_mean	R_Cerebelum_3_mean	R_Cerebelum_3_mean				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Frontal_Sup_Orb_mean	L_Frontal_Sup_Orb_mean	L_Frontal_Sup_Orb_mean	L_Frontal_Sup_Orb_mean				
R_Frontal_Sup_Orb_mean	R_Frontal_Sup_Orb_mean	R_Frontal_Sup_Orb_mean	R_Frontal_Sup_Orb_mean				
L_Frontal_Inf_Orb_mean	L_Frontal_Inf_Orb_mean	L_Frontal_Inf_Orb_mean	L_Frontal_Inf_Orb_mean				
R_Frontal_Inf_Orb_mean	Volume of interest measure of mean FDG PET in R_Frontal_Inf_Orb	HDPET_FDG	float				
L_Rectus_mean	Volume of interest measure of mean FDG PET in L_Rectus	HDPET_FDG	float				
R_Rectus_mean	Volume of interest measure of mean FDG PET in R_Rectus	HDPET_FDG	float				
Vermis_1_2_mean	Volume of interest measure of mean FDG PET in Vermis_1_2	HDPET_FDG	float				
Vermis_4_5_mean	Volume of interest measure of mean FDG PET in Vermis_4_5	HDPET_FDG	float				
Vermis_6_mean	Volume of interest measure of mean FDG PET in Vermis_6	HDPET_FDG	float				
L_Frontal_Mid_Orb_mean	Volume of interest measure of mean FDG PET in L_Frontal_Mid_Orb	HDPET_FDG	float				
R_Frontal_Mid_Orb_mean	Volume of interest measure of mean FDG PET in R_Frontal_Mid_Orb	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Vermis_3_mean	Volume of interest measure of mean FDG PET in Vermis_3	HDPET_FDG	float				
L_Olfactory_mean	Volume of interest measure of mean FDG PET in L_Olfactory	HDPET_FDG	float				
R_Olfactory_mean	Volume of interest measure of mean FDG PET in R_Olfactory	HDPET_FDG	float				
L_Insula_mean	Volume of interest measure of mean FDG PET in L_Insula	HDPET_FDG	float				
R_Insula_mean	Volume of interest measure of mean FDG PET in R_Insula	HDPET_FDG	float				
L_Lingual_mean	Volume of interest measure of mean FDG PET in L_Lingual	HDPET_FDG	float				
R_Lingual_mean	Volume of interest measure of mean FDG PET in R_Lingual	HDPET_FDG	float				
L_Occipital_Inf_mean	Volume of interest measure of mean FDG PET in L_Occipital_Inf	HDPET_FDG	float				
R_Occipital_Inf_mean	Volume of interest measure of mean FDG PET in R_Occipital_Inf	HDPET_FDG	float				
L_Frontal_Med_Orb_mean	Volume of interest measure of mean FDG PET in L_Frontal_Med_Orb	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
R_Frontal_Med_Orb_mean	Volume of interest measure of mean FDG PET in R_Frontal_Med_Orb	HDPET_FDG	float				
L_Temporal_Sup_mean	Volume of interest measure of mean FDG PET in L_Temporal_Sup	HDPET_FDG	float				
R_Temporal_Sup_mean	Volume of interest measure of mean FDG PET in R_Temporal_Sup	HDPET_FDG	float				
L_Calcarine_mean	Volume of interest measure of mean FDG PET in L_Calcarine	HDPET_FDG	float				
R_Calcarine_mean	Volume of interest measure of mean FDG PET in R_Calcarine	HDPET_FDG	float				
L_Cingulum_Ant_mean	Volume of interest measure of mean FDG PET in L_Cingulum_Ant	HDPET_FDG	float				
R_Cingulum_Ant_mean	Volume of interest measure of mean FDG PET in R_Cingulum_Ant	HDPET_FDG	float				
L_Anterior_Putamen_mean	Volume of interest measure of mean FDG PET in L_Anterior_Putamen	HDPET_FDG	float				
R_Anterior_Putamen_mean	Volume of interest measure of mean FDG PET in R_Anterior_Putamen	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Occipital_Mid_mean	Volume of interest measure of mean FDG PET in L_Occipital_Mid	HDPET_FDG	float				
R_Occipital_Mid_mean	Volume of interest measure of mean FDG PET in R_Occipital_Mid	HDPET_FDG	float				
L_Caudate_Head_mean	Volume of interest measure of mean FDG PET in L_Caudate_Head	HDPET_FDG	float				
R_Caudate_Head_mean	Volume of interest measure of mean FDG PET in R_Caudate_Head	HDPET_FDG	float				
L_Pallidum_mean	Volume of interest measure of mean FDG PET in L_Pallidum	HDPET_FDG	float				
R_Pallidum_mean	Volume of interest measure of mean FDG PET in R_Pallidum	HDPET_FDG	float				
L_Posterior_Putamen_mean	Volume of interest measure of mean FDG PET in L_Posterior_Putamen	HDPET_FDG	float				
R_Posterior_Putamen_mean	Volume of interest measure of mean FDG PET in R_Posterior_Putamen	HDPET_FDG	float				
L_Frontal_Sup_mean	Volume of interest measure of mean FDG PET in L_Frontal_Sup	HDPET_FDG	float				
R_Frontal_Sup_mean	Volume of interest measure of mean FDG PET in R_Frontal_Sup	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Frontal_Mid_mean	Volume of interest measure of mean FDG PET in L_Frontal_Mid	HDPET_FDG	float				
R_Frontal_Mid_mean	Volume of interest measure of mean FDG PET in R_Frontal_Mid	HDPET_FDG	float				
L_Frontal_Inf_Oper_mean	Volume of interest measure of mean FDG PET in L_Frontal_Inf_Oper	HDPET_FDG	float				
R_Frontal_Inf_Oper_mean	Volume of interest measure of mean FDG PET in R_Frontal_Inf_Oper	HDPET_FDG	float				
L_Frontal_Inf_Tri_mean	Volume of interest measure of mean FDG PET in L_Frontal_Inf_Tri	HDPET_FDG	float				
R_Frontal_Inf_Tri_mean	Volume of interest measure of mean FDG PET in R_Frontal_Inf_Tri	HDPET_FDG	float				
L_Rolandic_Oper_mean	Volume of interest measure of mean FDG PET in L_Rolandic_Oper	HDPET_FDG	float				
R_Rolandic_Oper_mean	Volume of interest measure of mean FDG PET in R_Rolandic_Oper	HDPET_FDG	float				
L_Frontal_Sup_Medial_mean	Volume of interest measure of mean FDG PET in L_Frontal_Sup_Medial	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
R_Frontal_Sup_Medial_mean	Volume of interest measure of mean FDG PET in R_Frontal_Sup_Medial	HDPET_FDG	float				
L_Thalamus_mean	Volume of interest measure of mean FDG PET in L_Thalamus	HDPET_FDG	float				
R_Thalamus_mean	Volume of interest measure of mean FDG PET in R_Thalamus	HDPET_FDG	float				
L_Precuneus_mean	Volume of interest measure of mean FDG PET in L_Precuneus	HDPET_FDG	float				
R_Precuneus_mean	Volume of interest measure of mean FDG PET in R_Precuneus	HDPET_FDG	float				
L_Occipital_Sup_mean	Volume of interest measure of mean FDG PET in L_Occipital_Sup	HDPET_FDG	float				
R_Occipital_Sup_mean	Volume of interest measure of mean FDG PET in R_Occipital_Sup	HDPET_FDG	float				
L_Heschl_mean	Volume of interest measure of mean FDG PET in L_Heschl	HDPET_FDG	float				
R_Heschl_mean	Volume of interest measure of mean FDG PET in R_Heschl	HDPET_FDG	float				
L_Cingulum_Post_mean	Volume of interest measure of mean FDG PET in L_Cingulum_Post	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
R_Cingulum_Post_mean	Volume of interest measure of mean FDG PET in R_Cingulum_Post	HDPET_FDG	float				
L_Cuneus_mean	Volume of interest measure of mean FDG PET in L_Cuneus	HDPET_FDG	float				
R_Cuneus_mean	Volume of interest measure of mean FDG PET in R_Cuneus	HDPET_FDG	float				
L_Precentral_mean	Volume of interest measure of mean FDG PET in L_Precentral	HDPET_FDG	float				
R_Precentral_mean	Volume of interest measure of mean FDG PET in R_Precentral	HDPET_FDG	float				
L_Postcentral_mean	Volume of interest measure of mean FDG PET in L_Postcentral	HDPET_FDG	float				
R_Postcentral_mean	Volume of interest measure of mean FDG PET in R_Postcentral	HDPET_FDG	float				
L_SupraMarginal_mean	Volume of interest measure of mean FDG PET in L_SupraMarginal	HDPET_FDG	float				
R_SupraMarginal_mean	Volume of interest measure of mean FDG PET in R_SupraMarginal	HDPET_FDG	float				
L_Angular_mean	Volume of interest measure of mean FDG PET in L_Angular	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
R_Angular_mean	Volume of interest measure of mean FDG PET in R_Angular	HDPET_FDG	float				
L_Cingulum_Mid_mean	Volume of interest measure of mean FDG PET in L_Cingulum_Mid	HDPET_FDG	float				
R_Cingulum_Mid_mean	Volume of interest measure of mean FDG PET in R_Cingulum_Mid	HDPET_FDG	float				
L_Parietal_Inf_mean	Volume of interest measure of mean FDG PET in L_Parietal_Inf	HDPET_FDG	float				
R_Parietal_Inf_mean	Volume of interest measure of mean FDG PET in R_Parietal_Inf	HDPET_FDG	float				
L_Parietal_Sup_mean	Volume of interest measure of mean FDG PET in L_Parietal_Sup	HDPET_FDG	float				
R_Parietal_Sup_mean	Volume of interest measure of mean FDG PET in R_Parietal_Sup	HDPET_FDG	float				
L_Supp_Motor_Area_mean	Volume of interest measure of mean FDG PET in L_Supp_Motor_Area	HDPET_FDG	float				
R_Supp_Motor_Area_mean	Volume of interest measure of mean FDG PET in R_Supp_Motor_Area	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Paracentral_Lobule_mean	Volume of interest measure of mean FDG PET in L_Paracentral_Lobule	HDPET_FDG	float				
R_Paracentral_Lobule_mean	Volume of interest measure of mean FDG PET in R_Paracentral_Lobule	HDPET_FDG	float				
L_Cerebelum_Crus2_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_Crus2	HDPET_FDG	float				
R_Cerebelum_Crus2_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_Crus2	HDPET_FDG	float				
L_Cerebelum_7b_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_7b	HDPET_FDG	float				
R_Cerebelum_7b_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_7b	HDPET_FDG	float				
L_Cerebelum_8_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_8	HDPET_FDG	float				
R_Cerebelum_8_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_8	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Cerebellum_9_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_9	HDPET_FDG	float				
R_Cerebellum_9_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_9	HDPET_FDG	float				
L_Cerebellum_10_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_10	HDPET_FDG	float				
R_Cerebellum_10_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_10	HDPET_FDG	float				
L_Fusiform_SD	Volume of interest measure of standard deviation FDG PET in L_Fusiform	HDPET_FDG	float				
R_Fusiform_SD	Volume of interest measure of standard deviation FDG PET in R_Fusiform	HDPET_FDG	float				
L_Temporal_Inf_SD	Volume of interest measure of standard deviation FDG PET in L_Temporal_Inf	HDPET_FDG	float				
R_Temporal_Inf_SD	Volume of interest measure of standard deviation FDG PET in R_Temporal_Inf	HDPET_FDG	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
L_Temporal_Pole_Mid_SD	Volume of interest measure of standard deviation FDG PET in L_Temporal_Pole_Mid	HDPET_FDG	float				
R_Temporal_Pole_Mid_SD	Volume of interest measure of standard deviation FDG PET in R_Temporal_Pole_Mid	HDPET_FDG	float				
Vermis_8_SD	Volume of interest measure of standard deviation FDG PET in Vermis_8	HDPET_FDG	float				
Vermis_9_SD	Volume of interest measure of standard deviation FDG PET in Vermis_9	HDPET_FDG	float				
L_Cerebelum_Crus1_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_Crus1	HDPET_FDG	float				
R_Cerebelum_Crus1_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_Crus1	HDPET_FDG	float				
L_Pons_SD	L_Pons_SD	Volume of interest measure of standard deviation FDG PET in L_Pons	HDPET_FDG	float			
R_Pons_SD	R_Pons_SD	Volume of interest measure of standard deviation	HDPET_FDG	float			

		FDG PET in R_Pons					
L_Cerebellum_6_SD	L_Cerebelum_6_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_6	HDPET_FDG	float			
R_Cerebellum_6_SD	R_Cerebelum_6_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_6	HDPET_FDG	float			
Vermis_10_SD	Vermis_10_SD	Volume of interest measure of standard deviation FDG PET in Vermis_10	HDPET_FDG	float			
L_ParaHippocampal_SD	L_ParaHippocampal_SD	Volume of interest measure of standard deviation FDG PET in L_ParaHippocampal	HDPET_FDG	float			
R_ParaHippocampal_SD	R_ParaHippocampal_SD	Volume of interest measure of standard deviation FDG PET	HDPET_FDG	float			

		in R_ParaHippocampal					
L_Temporal_Pole_Sup_SD	L_Temporal_Pole_Sup_SD	Volume of interest measure of standard deviation FDG PET in L_Temporal_Pole_Sup	HDPET_FDG	float			
R_Temporal_Pole_Sup_SD	R_Temporal_Pole_Sup_SD	Volume of interest measure of standard deviation FDG PET in R_Temporal_Pole_Sup	HDPET_FDG	float			
L_Cerebelum_4_5_SD	L_Cerebelum_4_5_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_4_5	HDPET_FDG	float			
R_Cerebelum_4_5_SD	R_Cerebelum_4_5_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_4_5	HDPET_FDG	float			
Vermis_7_SD	Vermis_7_SD	Volume of interest measure of standard	HDPET_FDG	float			

		deviation FDG PET in Vermis_7					
L_Temporal_Mid_SD	L_Temporal_Mid_SD	Volume of interest measure of standard deviation FDG PET in L_Temporal_Mid	HDPET_FDG	float			
R_Temporal_Mid_SD	R_Temporal_Mid_SD	Volume of interest measure of standard deviation FDG PET in R_Temporal_Mid	HDPET_FDG	float			
L_Amygdala_SD	L_Amygdala_SD	Volume of interest measure of standard deviation FDG PET in L_Amygdala	HDPET_FDG	float			
R_Amygdala_SD	R_Amygdala_SD	Volume of interest measure of standard deviation FDG PET in R_Amygdala	HDPET_FDG	float			
L_Hippocampus_SD	L_Hippocampus_SD	Volume of interest measure of standard deviation FDG PET	HDPET_FDG	float			

		in L_Hippocampus					
R_Hippocampus_SD	R_Hippocampus_SD	Volume of interest measure of standard deviation FDG PET in R_Hippocampus	HDPET_FDG	float			
L_Cerebelum_3_SD	L_Cerebelum_3_SD	Volume of interest measure of standard deviation FDG PET in L_Cerebellum_3	HDPET_FDG	float			
R_Cerebelum_3_SD	R_Cerebelum_3_SD	Volume of interest measure of standard deviation FDG PET in R_Cerebellum_3	HDPET_FDG	float			
L_Frontal_Sup_Orb_SD	L_Frontal_Sup_Orb_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Sup_Orb	HDPET_FDG	float			
R_Frontal_Sup_Orb_SD	R_Frontal_Sup_Orb_SD	Volume of interest measure of standard deviation FDG PET in	HDPET_FDG	float			

		R_Frontal_Sup_Orb					
L_Frontal_Inf_Orb_SD	L_Frontal_Inf_Orb_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Inf_Orb	HDPET_FDG	float			
R_Frontal_Inf_Orb_SD	R_Frontal_Inf_Orb_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Inf_Orb	HDPET_FDG	float			
L_Rectus_SD	L_Rectus_SD	Volume of interest measure of standard deviation FDG PET in L_Rectus	HDPET_FDG	float			
R_Rectus_SD	R_Rectus_SD	Volume of interest measure of standard deviation FDG PET in R_Rectus	HDPET_FDG	float			
Vermis_1_2_SD	Vermis_1_2_SD	Volume of interest measure of standard deviation FDG PET in Vermis_1_2	HDPET_FDG	float			

Vermis_4_5_SD	Vermis_4_5_SD	Volume of interest measure of standard deviation FDG PET in Vermis_4_5	HDPET_FDG	float			
Vermis_6_SD	Vermis_6_SD	Volume of interest measure of standard deviation FDG PET in Vermis_6	HDPET_FDG	float			
L_Frontal_Mid_Orb_SD	L_Frontal_Mid_Orb_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Mid_Orb	HDPET_FDG	float			
R_Frontal_Mid_Orb_SD	R_Frontal_Mid_Orb_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Mid_Orb	HDPET_FDG	float			
Vermis_3_SD	Vermis_3_SD	Volume of interest measure of standard deviation FDG PET in Vermis_3	HDPET_FDG	float			
L_Olfactory_SD	L_Olfactory_SD	Volume of interest measure	HDPET_FDG	float			

		of standard deviation FDG PET in L_Olfactory					
R_Olfactory_SD	R_Olfactory_SD	Volume of interest measure of standard deviation FDG PET in R_Olfactory	HDPET_FDG	float			
L_Insula_SD	L_Insula_SD	Volume of interest measure of standard deviation FDG PET in L_Insula	HDPET_FDG	float			
R_Insula_SD	R_Insula_SD	Volume of interest measure of standard deviation FDG PET in R_Insula	HDPET_FDG	float			
L_Lingual_SD	L_Lingual_SD	Volume of interest measure of standard deviation FDG PET in L_Lingual	HDPET_FDG	float			
R_Lingual_SD	R_Lingual_SD	Volume of interest measure of standard deviation FDG PET	HDPET_FDG	float			

		in R_Lingual					
L_Occipital_Inf_SD	L_Occipital_Inf_SD	Volume of interest measure of standard deviation FDG PET in L_Occipital_Inf	HDPET_FDG	float			
R_Occipital_Inf_SD	R_Occipital_Inf_SD	Volume of interest measure of standard deviation FDG PET in R_Occipital_Inf	HDPET_FDG	float			
L_Frontal_Med_Orb_SD	L_Frontal_Med_Orb_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Med_Orb	HDPET_FDG	float			
R_Frontal_Med_Orb_SD	R_Frontal_Med_Orb_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Med_Orb	HDPET_FDG	float			
L_Temporal_Sup_SD	L_Temporal_Sup_SD	Volume of interest measure of standard deviation	HDPET_FDG	float			

		FDG PET in L_Temporal_Sup					
R_Temporal_Sup_SD	R_Temporal_Sup_SD	Volume of interest measure of standard deviation FDG PET in R_Temporal_Sup	HDPET_FDG	float			
L_Calcarine_SD	L_Calcarine_SD	Volume of interest measure of standard deviation FDG PET in L_Calcarine	HDPET_FDG	float			
R_Calcarine_SD	R_Calcarine_SD	Volume of interest measure of standard deviation FDG PET in R_Calcarine	HDPET_FDG	float			
L_Cingulum_Ant_SD	L_Cingulum_Ant_SD	Volume of interest measure of standard deviation FDG PET in L_Cingulum_Ant	HDPET_FDG	float			
R_Cingulum_Ant_SD	R_Cingulum_Ant_SD	Volume of interest measure of standard deviation FDG PET	HDPET_FDG	float			

		in R_Cingulum_Ant					
L_Anterior_Putamen_SD	L_Anterior_Putamen_SD	Volume of interest measure of standard deviation FDG PET in L_Anterior_Putamen	HDPET_FDG	float			
R_Anterior_Putamen_SD	R_Anterior_Putamen_SD	Volume of interest measure of standard deviation FDG PET in R_Anterior_Putamen	HDPET_FDG	float			
L_Occipital_Mid_SD	L_Occipital_Mid_SD	Volume of interest measure of standard deviation FDG PET in L_Occipital_Mid	HDPET_FDG	float			
R_Occipital_Mid_SD	R_Occipital_Mid_SD	Volume of interest measure of standard deviation FDG PET in R_Occipital_Mid	HDPET_FDG	float			
L_Caudate_Head_SD	L_Caudate_Head_SD	Volume of interest measure of standard deviation	HDPET_FDG	float			

		FDG PET in L_Caudate_Head					
R_Caudate_Head_SD	R_Caudate_Head_SD	Volume of interest measure of standard deviation FDG PET in R_Caudate_Head	HDPET_FDG	float			
L_Pallidum_SD	L_Pallidum_SD	Volume of interest measure of standard deviation FDG PET in L_Pallidum	HDPET_FDG	float			
R_Pallidum_SD	R_Pallidum_SD	Volume of interest measure of standard deviation FDG PET in R_Pallidum	HDPET_FDG	float			
L_Posterior_Putamen_SD	L_Posterior_Putamen_SD	Volume of interest measure of standard deviation FDG PET in L_Posterior_Putamen	HDPET_FDG	float			
R_Posterior_Putamen_SD	R_Posterior_Putamen_SD	Volume of interest measure of standard deviation	HDPET_FDG	float			

		FDG PET in R_Posterior_Putamen					
L_Frontal_Sup_SD	L_Frontal_Sup_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Sup	HDPET_FDG	float			
R_Frontal_Sup_SD	R_Frontal_Sup_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Sup	HDPET_FDG	float			
L_Frontal_Mid_SD	L_Frontal_Mid_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Mid	HDPET_FDG	float			
R_Frontal_Mid_SD	R_Frontal_Mid_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Mid	HDPET_FDG	float			
L_Frontal_Inf_Oper_SD	L_Frontal_Inf_Oper_SD	Volume of interest measure of standard deviation	HDPET_FDG	float			

		FDG PET in L_Frontal_Inf_Oper					
R_Frontal_Inf_Oper_SD	R_Frontal_Inf_Oper_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Inf_Oper	HDPET_FDG	float			
L_Frontal_Inf_Tri_SD	L_Frontal_Inf_Tri_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Inf_Tri	HDPET_FDG	float			
R_Frontal_Inf_Tri_SD	R_Frontal_Inf_Tri_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Inf_Tri	HDPET_FDG	float			
L_Rolandic_Oper_SD	L_Rolandic_Oper_SD	Volume of interest measure of standard deviation FDG PET in L_Rolandic_Oper	HDPET_FDG	float			
R_Rolandic_Oper_SD	R_Rolandic_Oper_SD	Volume of interest measure of standard deviation FDG PET	HDPET_FDG	float			

		in R_Rolandic_Oper					
L_Frontal_Sup_Medial_SD	L_Frontal_Sup_Medial_SD	Volume of interest measure of standard deviation FDG PET in L_Frontal_Sup_Medial	HDPET_FDG	float			
R_Frontal_Sup_Medial_SD	R_Frontal_Sup_Medial_SD	Volume of interest measure of standard deviation FDG PET in R_Frontal_Sup_Medial	HDPET_FDG	float			
L_Thalamus_SD	L_Thalamus_SD	Volume of interest measure of standard deviation FDG PET in L_Thalamus	HDPET_FDG	float			
R_Thalamus_SD	R_Thalamus_SD	Volume of interest measure of standard deviation FDG PET in R_Thalamus	HDPET_FDG	float			
L_Precuneus_SD	L_Precuneus_SD	Volume of interest measure of standard deviation	HDPET_FDG	float			

		FDG PET in L_Precuneus					
R_Precuneus_SD	R_Precuneus_SD	Volume of interest measure of standard deviation FDG PET in R_Precuneus	HDPET_FDG	float			
L_Occipital_Sup_SD	L_Occipital_Sup_SD	Volume of interest measure of standard deviation FDG PET in L_Occipital_Sup	HDPET_FDG	float			
R_Occipital_Sup_SD	R_Occipital_Sup_SD	Volume of interest measure of standard deviation FDG PET in R_Occipital_Sup	HDPET_FDG	float			
L_Heschl_SD	L_Heschl_SD	Volume of interest measure of standard deviation FDG PET in L_Heschl	HDPET_FDG	float			
R_Heschl_SD	R_Heschl_SD	Volume of interest measure of standard deviation FDG PET	HDPET_FDG	float			

		in R_Heschl					
L_Cingulum_Post_SD	L_Cingulum_Post_SD	Volume of interest measure of standard deviation FDG PET in L_Cingulum_Post	HDPET_FDG	float			
R_Cingulum_Post_SD	R_Cingulum_Post_SD	Volume of interest measure of standard deviation FDG PET in R_Cingulum_Post	HDPET_FDG	float			
L_Cuneus_SD	L_Cuneus_SD	Volume of interest measure of standard deviation FDG PET in L_Cuneus	HDPET_FDG	float			
R_Cuneus_SD	R_Cuneus_SD	Volume of interest measure of standard deviation FDG PET in R_Cuneus	HDPET_FDG	float			
L_Precentral_SD	L_Precentral_SD	Volume of interest measure of standard deviation FDG PET in L_Precentral	HDPET_FDG	float			

R_Precentral_SD	R_Precentral_SD	Volume of interest measure of standard deviation FDG PET in R_Precentral	HDPET_FDG	float			
L_Postcentral_SD	L_Postcentral_SD	Volume of interest measure of standard deviation FDG PET in L_Postcentral	HDPET_FDG	float			
R_Postcentral_SD	R_Postcentral_SD	Volume of interest measure of standard deviation FDG PET in R_Postcentral	HDPET_FDG	float			
L_SupraMarginal_SD	L_SupraMarginal_SD	Volume of interest measure of standard deviation FDG PET in L_Supra Marginal	HDPET_FDG	float			
R_SupraMarginal_SD	R_SupraMarginal_SD	Volume of interest measure of standard deviation FDG PET in R_Supra Marginal	HDPET_FDG	float			

L_Angular_SD	L_Angular_SD	Volume of interest measure of standard deviation FDG PET in L_Angular	HDPET_FDG	float			
R_Angular_SD	R_Angular_SD	Volume of interest measure of standard deviation FDG PET in R_Angular	HDPET_FDG	float			
L_Cingulum_Mid_SD	L_Cingulum_Mid_SD	Volume of interest measure of standard deviation FDG PET in L_Cingulum_Mid	HDPET_FDG	float			
R_Cingulum_Mid_SD	R_Cingulum_Mid_SD	Volume of interest measure of standard deviation FDG PET in R_Cingulum_Mid	HDPET_FDG	float			
L_Parietal_Inf_SD	L_Parietal_Inf_SD	Volume of interest measure of standard deviation FDG PET in L_Parietal_Inf	HDPET_FDG	float			

R_Parietal_Inf_SD	R_Parietal_Inf_SD	Volume of interest measure of standard deviation FDG PET in R_Parietal_Inf	HDPET_FDG	float			
L_Parietal_Sup_SD	L_Parietal_Sup_SD	Volume of interest measure of standard deviation FDG PET in L_Parietal_Sup	HDPET_FDG	float			
R_Parietal_Sup_SD	R_Parietal_Sup_SD	Volume of interest measure of standard deviation FDG PET in R_Parietal_Sup	HDPET_FDG	float			
L_Supp_Motor_Area_SD	L_Supp_Motor_Area_SD	Volume of interest measure of standard deviation FDG PET in L_Supp_Motor_Area	HDPET_FDG	float			
R_Supp_Motor_Area_SD	R_Supp_Motor_Area_SD	Volume of interest measure of standard deviation FDG PET in R_Supp_	HDPET_FDG	float			

		Motor_Area					
L_Paracentral_Lobule_SD	L_Paracentral_Lobule_SD	Volume of interest measure of standard deviation FDG PET in L_Paracentral_Lobule	HDPET_FDG	float			
R_Paracentral_Lobule_SD	R_Paracentral_Lobule_SD	Volume of interest measure of standard deviation FDG PET in R_Paracentral_Lobule	HDPET_FDG	float			
region	Region		encoded value				- Northern America - Australasia - Europe

4.5 Data File predicthd_2020_lh_aparc_area

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	lh_aparc_area	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	lh_aparc_area	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	lh_aparc_area	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	lh_aparc_area	date	YEAR			
days_in_study	Days since baseline	lh_aparc_area	integer				
SECTION	STUDY SECTION	lh_aparc_area	string				
DELIVERY	ASSESSMENT DELIVERY MODE	lh_aparc_area	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	lh_aparc_area	string				
INFORMANT	INFORMANT ABBREVIATION	lh_aparc_area	encoded value				P=Participant C=Companion

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
site[1]	Study site number (external)	lh_aparc_area	integer				
country[1]	Country where data was collected	lh_aparc_area	string				
field_strength	MRI Scanner Field Strength	lh_aparc_area	float	tesla			
lh_bankssts_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_bankssts_area	lh_aparc_area	float	surface_area_mm2			
lh_caudalanteriorcingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_caudal anteriorcingulate_area	lh_aparc_area	float	surface_area_mm2			
lh_caudalmiddlefrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_caudal middlefrontal_area	lh_aparc_area	float	surface_area_mm2			
lh_cuneus_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_cuneus_area	lh_aparc_area	float	surface_area_mm2			
lh_entorhinal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_entorhinal_area	lh_aparc_area	float	surface_area_mm2			
lh_fusiform_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_fusiform_area	lh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_inferiorparietal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_inferiorparietal_area	lh_aparc_area	float	surface_area_mm2			
lh_inferiortemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_inferiortemporal_area	lh_aparc_area	float	surface_area_mm2			
lh_isthmuscingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_isthmus cingulate_area	lh_aparc_area	float	surface_area_mm2			
lh_lateraloccipital_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_lateraloccipital_area	lh_aparc_area	float	surface_area_mm2			
lh_lateralorbitofrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_lateral orbitofrontal_area	lh_aparc_area	float	surface_area_mm2			
lh_lingual_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_lingual_area	lh_aparc_area	float	surface_area_mm2			
lh_medialorbitofrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_medial orbitofrontal_area	lh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_middletemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_middletemporal_area	lh_aparc_area	float	surface_area_mm2			
lh_parahippocampal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_parahippocampal_area	lh_aparc_area	float	surface_area_mm2			
lh_paracentral_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_paracentral_area	lh_aparc_area	float	surface_area_mm2			
lh_parsopercularis_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_pars opercularis_area	lh_aparc_area	float	surface_area_mm2			
lh_parsorbitalis_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_pars orbitalis_area	lh_aparc_area	float	surface_area_mm2			
lh_parstriangularis_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_pars triangularis_area	lh_aparc_area	float	surface_area_mm2			
lh_pericalcarine_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_pericalcarine_area	lh_aparc_area	float	surface_area_mm2			

lh_postcentral_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_postcentral_area	lh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_posteriorcingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_posteriorcingulate_area	lh_aparc_area	float	surface_area_mm2			
lh_precentral_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_precentral_area	lh_aparc_area	float	surface_area_mm2			
lh_precuneus_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_precuneus_area	lh_aparc_area	float	surface_area_mm2			
lh_rostralanteriorcingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_rostral anteriorcingulate_area	lh_aparc_area	float	surface_area_mm2			
lh_rostralmiddlefrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_rostral middlefrontal_area	lh_aparc_area	float	surface_area_mm2			
lh_superiorfrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_superiorfrontal_area	lh_aparc_area	float	surface_area_mm2			
lh_superiorparietal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_superiorparietal_area	lh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_superiortemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_superiortemporal_area	lh_aparc_area	float	surface_area_mm2			
lh_supramarginal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_supramarginal_area	lh_aparc_area	float	surface_area_mm2			
lh_frontalpole_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_frontalpole_area	lh_aparc_area	float	surface_area_mm2			
lh_temporalpole_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_temporalpole_area	lh_aparc_area	float	surface_area_mm2			
lh_transversetemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_transversetemporal_area	lh_aparc_area	float	surface_area_mm2			
lh_insula_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_insula_area	lh_aparc_area	float	surface_area_mm2			
lh_WhiteSurfArea_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for lh_White Surf Area_area	lh_aparc_area	float	surface_area_mm2			
region	Region		encoded value				- Northern America - Australasia - Europe

4.6 Data File predicthd_2020_lh_aparc_a2009s_area

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	lh_aparc_a2009s_area	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	lh_aparc_a2009s_area	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	lh_aparc_a2009s_area	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	lh_aparc_a2009s_area	date	YEAR			
days_in_study	Days since baseline	lh_aparc_a2009s_area	integer				
SECTION	STUDY SECTION	lh_aparc_a2009s_area	string				
DELIVERY	ASSESSMENT DELIVERY MODE	lh_aparc_a2009s_area	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	lh_aparc_a2009s_area	string				
INFORMANT	INFORMANT ABBREVIATION	lh_aparc_a2009s_area	encoded value				P=Participant C=Companion

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
site[1]	Study site number (external)	lh_aparc_a2009s_area	integer				
country[1]	Country where data was collected	lh_aparc_a2009s_area	string				
field_strength	MRI Scanner Field Strength	lh_aparc_a2009s_area	float	tesla			
lh_G_and_S_frontomargin_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_frontomargin_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_and_S_occipital_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_occipital_inf_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_and_S_paracentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_paracentral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_and_S_subcentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_subcentral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_and_S_transv_frontopol_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_transv_frontopol_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_G_and_S_cingul-Ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_cingul-Ant_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_and_S_cingul-Mid-Ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_cingul-Mid-Ant_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_and_S_cingul-Mid-Post_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_and_S_cingul-Mid-Post_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_cingul-Post-dorsal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_cingul-Post-dorsal_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_cingul-Post-ventral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_cingul-Post-ventral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_cuneus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_cuneus_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_front_inf-Opercular_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_front_inf-Opercular_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_G_front_inf-Orbital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_front_inf-Orbital_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_front_inf-Triangul_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_front_inf-Triangul_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_front_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_front_middle_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_front_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_front_sup_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_Ins_lg_and_S_cent_ins_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_Ins_lg_and_S_cent_ins_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_insular_short_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_insular_short_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_occipital_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_occipital_middle_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_G_occipital_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_occipital_sup_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_oc-temp_lat-fusifor_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_oc-temp_lat-fusifor_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_oc-temp_med-Lingual_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_oc-temp_med-Lingual_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_oc-temp_med-Parahip_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_oc-temp_med-Parahip_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_orbital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_orbital_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_pariet_inf-Angular_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_pariet_inf-Angular_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_pariet_inf-Supramar_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_pariet_inf-Supramar_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_G_parietal_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_parietal_sup_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_postcentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_postcentral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_precentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_precentral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_precuneus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_precuneus_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_rectus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_rectus_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_subcallosal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_subcallosal_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_temp_sup-G_T_transv_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_temp_sup-G_T_transv_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_G_temp_sup-Lateral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_temp_sup-Lateral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_temp_sup-Plan_polar_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_temp_sup-Plan_polar_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_temp_sup-Plan_tempo_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_temp_sup-Plan_tempo_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_temporal_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_temporal_inf_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_G_temporal_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_G_temporal_middle_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_Lat_Fis-ant-Horizont_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_Lat_Fis-ant-Horizont_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_Lat_Fis-ant-Vertical_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_Lat_Fis-ant-Vertical_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_Lat_Fis-post_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_Lat_Fis-post_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_Pole_occipital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_Pole_occipital_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_Pole_temporal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_Pole_temporal_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_calcarine_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_calcarine_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_central_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_central_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_cingul-Marginalis_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_cingul-Marginalis_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_circular_insula_ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_circular_insula_ant_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_S_circular_insula_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_circular_insula_inf_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_circular_insula_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_circular_insula_sup_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_collat_transv_ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_collat_transv_ant_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_collat_transv_post_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_collat_transv_post_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_front_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_front_inf_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_front_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_front_middle_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_front_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_front_sup_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_S_interm_prim-Jensen_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_interm_prim-Jensen_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_intrapariet_and_P_trans_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_intrapariet_and_P_trans_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_oc_middle_and_Lunatus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_oc_middle_and_Lunatus_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_oc_sup_and_transversal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_oc_sup_and_transversal_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_occipital_ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_occipital_ant_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_oc-temp_lat_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_oc-temp_lat_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_oc-temp_med_and_Lingual_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_oc-temp_med_and_Lingual_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_S_orbital_lateral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_orbital_lateral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_orbital_med-olfact_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_orbital_med-olfact_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_orbital-H_Shaped_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_orbital-H_Shaped_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_parieto_occipital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_parieto_occipital_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_pericallosal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_pericallosal_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_postcentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_postcentral_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_precentral-inf-part_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_precentral-inf-part_area	lh_aparc_a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
lh_S_precentral-sup-part_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_precentral-sup-part_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_suborbital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_suborbital_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_subparietal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_subparietal_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_temporal_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_temporal_inf_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_temporal_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_temporal_sup_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_S_temporal_transverse_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_S_temporal_transverse_area	lh_aparc_a2009s_area	float	surface_area_mm2			
lh_WhiteSurfArea_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for lh_White Surf Area_area	lh_aparc_a2009s_area	float	surface_area_mm2			
region	Region		encoded value				- Northern America - Australasia - Europe

4.6 Data File predicthd_2020_rh_aparc_ area

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	rh_aparc_area	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	rh_aparc_area	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	rh_aparc_area	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	rh_aparc_area	date	YEAR			
days_in_study	Days since baseline	rh_aparc_area	integer				
SECTION	STUDY SECTION	rh_aparc_area	string				
DELIVERY	ASSESSMENT DELIVERY MODE	rh_aparc_area	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	rh_aparc_area	string				
INFORMANT	INFORMANT ABBREVIATION	rh_aparc_area	encoded value				P=Participant C=Companion

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
site[1]	Study site number (external)	rh_aparc_area	integer				
country[1]	Country where data was collected	rh_aparc_area	string				
field_strength	MRI Scanner Field Strength	rh_aparc_area	float	tesla			
rh_bankssts_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_bankssts_area	rh_aparc_area	float	surface_area_mm2			
rh_caudalanteriorcingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_caudal anteriorcingulate_area	rh_aparc_area	float	surface_area_mm2			
rh_caudalmiddlefrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_caudal middlefrontal_area	rh_aparc_area	float	surface_area_mm2			
rh_cuneus_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_cuneus_area	rh_aparc_area	float	surface_area_mm2			
rh_entorhinal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_entorhinal_area	rh_aparc_area	float	surface_area_mm2			
rh_fusiform_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_fusiform_area	rh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_inferiorparietal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_inferiorparietal_area	rh_aparc_area	float	surface_area_mm2			
rh_inferiortemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_inferiortemporal_area	rh_aparc_area	float	surface_area_mm2			
rh_isthmuscingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_isthmus cingulate_area	rh_aparc_area	float	surface_area_mm2			
rh_lateraloccipital_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_lateraloccipital_area	rh_aparc_area	float	surface_area_mm2			
rh_lateralorbitofrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_lateralorbitofrontal_area	rh_aparc_area	float	surface_area_mm2			
rh_lingual_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_lingual_area	rh_aparc_area	float	surface_area_mm2			
rh_medialorbitofrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_medial orbitofrontal_area	rh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_middletemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_middletemporal_area	rh_aparc_area	float	surface_area_mm2			
rh_parahippocampal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_parahippocampal_area	rh_aparc_area	float	surface_area_mm2			
rh_paracentral_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_paracentral_area	rh_aparc_area	float	surface_area_mm2			
rh_parsopercularis_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_pars opercularis_area	rh_aparc_area	float	surface_area_mm2			
rh_parsorbitalis_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_pars orbitalis_area	rh_aparc_area	float	surface_area_mm2			
rh_parstriangularis_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_pars triangularis_area	rh_aparc_area	float	surface_area_mm2			
rh_pericalcarine_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_pericalcarine_area	rh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_postcentral_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_postcentral_area	rh_aparc_area	float	surface_area_mm2			
rh_posteriorcingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_posteriorcingulate_area	rh_aparc_area	float	surface_area_mm2			
rh_precentral_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_precentral_area	rh_aparc_area	float	surface_area_mm2			
rh_precuneus_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_precuneus_area	rh_aparc_area	float	surface_area_mm2			
rh_rostralanteriorcingulate_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_rostral anteriorcingulate_area	rh_aparc_area	float	surface_area_mm2			
rh_rostralmiddlefrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_rostral middlefrontal_area	rh_aparc_area	float	surface_area_mm2			
rh_superiorfrontal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_superiorfrontal_area	rh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_superiorparietal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_superiorparietal_area	rh_aparc_area	float	surface_area_mm2			
rh_superiortemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_superiortemporal_area	rh_aparc_area	float	surface_area_mm2			
rh_supramarginal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_supramarginal_area	rh_aparc_area	float	surface_area_mm2			
rh_frontalpole_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_frontal pole_area	rh_aparc_area	float	surface_area_mm2			
rh_temporalpole_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_temporal pole_area	rh_aparc_area	float	surface_area_mm2			
rh_transversetemporal_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_transversetemporal_area	rh_aparc_area	float	surface_area_mm2			
rh_insula_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_insula_area	rh_aparc_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_WhiteSurfArea_area	Freesurfer5.2 Desikan-Killiany Atlas Cortical Parcellation Surface Area for rh_White Surf Area_area	rh_aparc_area	float	surface_area_mm2			
region	Region		encoded value				- Northern America - Australasia - Europe

4.7 Data File predicthd_2020_rh_aparc_a2009s_ area

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	rh_aparc.a2009s_area	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	rh_aparc.a2009s_area	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	rh_aparc.a2009s_area	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	rh_aparc.a2009s_area	date	YEAR			
days_in_study	Days since baseline	rh_aparc.a2009s_area	integer				
SECTION	STUDY SECTION	rh_aparc.a2009s_area	string				
DELIVERY	ASSESSMENT DELIVERY MODE	rh_aparc.a2009s_area	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	rh_aparc.a2009s_area	string				
INFORMANT	INFORMANT ABBREVIATION	rh_aparc.a2009s_area	encoded value				P=Participant C=Companion

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
site[1]	Study site number (external)	rh_aparc.a2009s_area	integer				
country[1]	Country where data was collected	rh_aparc.a2009s_area	string				
field_strength	MRI Scanner Field Strength	rh_aparc.a2009s_area	float	tesla			
rh_G_and_S_frontomargin_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_frontomargin_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_and_S_occipital_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_occipital_inf_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_and_S_paracentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_paracentral_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_and_S_subcentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_subcentral_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_and_S_transv_frontopol_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_transv_frontopol_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_and_S_cingul-Ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_cingul-Ant_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_G_and_S_cingul-Mid-Ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_cingul-Mid-Ant_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_and_S_cingul-Mid-Post_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_and_S_cingul-Mid-Post_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_cingul-Post-dorsal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_cingul-Post-dorsal_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_cingul-Post-ventral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_cingul-Post-ventral_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_cuneus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_cuneus_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_front_inf-Opercular_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_front_inf-Opercular_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_front_inf-Orbital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_front_inf-Orbital_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_G_front_inf-Triangul_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_front_inf-Triangul_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_front_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_front_middle_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_front_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_front_sup_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_Ins_lg_and_S_cent_ins_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_Ins_lg_and_S_cent_ins_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_insular_short_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_insular_short_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_occipital_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_occipital_middle_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_occipital_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_occipital_sup_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_G_oc-temp_lat-fusifor_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_oc-temp_lat-fusifor_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_oc-temp_med-Lingual_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_oc-temp_med-Lingual_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_oc-temp_med-Parahip_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_oc-temp_med-Parahip_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_orbital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_orbital_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_pariet_inf-Angular_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_pariet_inf-Angular_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_pariet_inf-Supramar_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_pariet_inf-Supramar_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_parietal_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_parietal_sup_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_G_postcentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_postcentral_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_precentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_precentral_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_precuneus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_precuneus_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_rectus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_rectus_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_subcallosal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_subcallosal_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_temp_sup-G_T_transv_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_temp_sup-G_T_transv_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_temp_sup-Lateral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_temp_sup-Lateral_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_G_temp_sup-Plan_polar_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_temp_sup-Plan_polar_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_temp_sup-Plan_tempo_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_temp_sup-Plan_tempo_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_temporal_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_temporal_inf_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_G_temporal_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_G_temporal_middle_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_Lat_Fis-ant-Horizont_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_Lat_Fis-ant-Horizont_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_Lat_Fis-ant-Vertical_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_Lat_Fis-ant-Vertical_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_Lat_Fis-post_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_Lat_Fis-post_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_Pole_occipital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_Pole_occipital_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_Pole_temporal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_Pole_temporal_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_calcarine_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_calcarine_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_central_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_central_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_cingul-Marginalis_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_cingul-Marginalis_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_circular_insula_ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_circular_insula_ant_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_circular_insula_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_circular_insula_inf_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_S_circular_insula_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_circular_insula_sup_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_collat_transv_ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_collat_transv_ant_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_collat_transv_post_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_collat_transv_post_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_front_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_front_inf_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_front_middle_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_front_middle_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_front_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_front_sup_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_interm_prim-Jensen_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_interm_prim-Jensen_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_S_intrapariet_and_P_trans_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_intrapariet_and_P_trans_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_oc_middle_and_Lunatus_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_oc_middle_and_Lunatus_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_oc_sup_and_transversal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_oc_sup_and_transversal_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_occipital_ant_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_occipital_ant_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_oc-temp_lat_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_oc-temp_lat_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_oc-temp_med_and_Lingual_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_oc-temp_med_and_Lingual_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_orbital_lateral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_orbital_lateral_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_S_orbital_med-olfact_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_orbital_med-olfact_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_orbital-H_Shaped_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_orbital-H_Shaped_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_parieto_occipital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_parieto_occipital_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_pericallosal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_pericallosal_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_postcentral_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_postcentral_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_precentral-inf-part_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_precentral-inf-part_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_precentral-sup-part_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_precentral-sup-part_area	rh_aparc.a2009s_area	float	surface_area_mm2			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rh_S_suborbital_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_suborbital_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_subparietal_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_subparietal_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_temporal_inf_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_temporal_inf_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_temporal_sup_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_temporal_sup_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_S_temporal_transverse_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_S_temporal_transverse_area	rh_aparc.a2009s_area	float	surface_area_mm2			
rh_WhiteSurfArea_area	Freesurfer5.2 Destrieux Atlas Cortical Parcellation Surface Area for rh_White Surf Area_area	rh_aparc.a2009s_area	float	surface_area_mm2			
region	Region		encoded value				- Northern America - Australasia - Europe

4.8 Data File predicthd_2020_ROIs_for_sMR_and_diffusion_scalars

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	ROIs_for_sMR_and_diffusion_scalars	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	ROIs_for_sMR_and_diffusion_scalars	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	ROIs_for_sMR_and_diffusion_scalars	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	ROIs_for_sMR_and_diffusion_scalars	date	YEAR			
days_in_study	Days since baseline	ROIs_for_sMR_and_diffusion_scalars	integer				
SECTION	STUDY SECTION	ROIs_for_sMR_and_diffusion_scalars	string				
DELIVERY	ASSESSMENT DELIVERY MODE	ROIs_for_sMR_and_diffusion_scalars	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	ROIs_for_sMR_and_diffusion_scalars	string				
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	ROIs_for_sMR_and_diffusion_scalars	string				P=Participant C=Companion
site[1]	Study site number (external)	ROIs_for_sMR_and_diffusion_scalars	integer				
country[1]	Country where data was collected	ROIs_for_sMR_and_diffusion_scalars	string				
scanid	Unique identifier for scanning session	ROIs_for_sMR_and_diffusion_scalars	string				
scanner_ext	external scanner identifier	ROIs_for_sMR_and_diffusion_scalars	integer				
Brain_Stem_32698__volume_mm3	ROI volume of Brain_Stem_32698	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Cerebellar_Vermal_Lobules_I.V_32700__volume_mm3	ROI volume of Cerebellar_Vermal_Lobules_I.V_32700	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Cerebellar_Vermal_Lobules_VIII.X_32702__volume_mm3	ROI volume of Cerebellar_Vermal_Lobules_VIII.X_32702	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Cerebellar_Vermal_Lobules_VI.VII_32701__volume_mm3	ROI volume of Cerebellar_Vermal_Lobules_VI.VII_32701	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
CSF_32699__volume_mm3	ROI volume of CSF_32699	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ICV_32695__volume_mm3	ROI volume of ICV_32695	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Accumbens_Area_32706__volume_mm3	ROI volume of Left_Accumbens_Area_32706	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_ACgG_32703__volume_mm3	ROI volume of Left_ACgG_32703	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_AIns_32704__volume_mm3	ROI volume of Left_AIns_32704	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Amygdala_32707__volume_mm3	ROI volume of Left_Amygdala_32707	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_AnG_32708__volume_mm3	ROI volume of Left_AnG_32708	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_AOrG_32705__volume_mm3	ROI volume of Left_AOrG_32705	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Basal_Forebrain_32709__volume_mm3	ROI volume of Left_Basal_Forebrain_32709	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Calc_32711__volume_mm3	ROI volume of Left_Calc_32711	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Caudate_32712__volume_mm3	ROI volume of Left_Caudate_32712	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Cerebellum_Exterior_32713__volume_mm3	ROI volume of Left_Cerebellum_Exterior_32713	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Cerebellum_White_Matter_32714__volume_mm3	ROI volume of Left_Cerebellum_White_Matter_32714	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

Left_Cerebral_White_Matter_32715__volume_mm3	ROI volume of Left_Cerebral_White_Matter_32715	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Left_CO_32710__volume_mm3	ROI volume of Left_CO_32710	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Cun_32716__volume_mm3	ROI volume of Left_Cun_32716	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Ent_32717__volume_mm3	ROI volume of Left_Ent_32717	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_FO_32718__volume_mm3	ROI volume of Left_FO_32718	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_FRP_32719__volume_mm3	ROI volume of Left_FRP_32719	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_FuG_32720__volume_mm3	ROI volume of Left_FuG_32720	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_GRe_32721__volume_mm3	ROI volume of Left_GRe_32721	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Hippocampus_32722__volume_mm3	ROI volume of Left_Hippocampus_32722	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Inf_Lat_Vent_32725__volume_mm3	ROI volume of Left_Inf_Lat_Vent_32725	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_IOG_32723__volume_mm3	ROI volume of Left_IOG_32723	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_ITG_32724__volume_mm3	ROI volume of Left_ITG_32724	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Lateral_Ventricle_32727__volume_mm3	ROI volume of Left_Lateral_Ventricle_32727	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_LiG_32728__volume_mm3	ROI volume of Left_LiG_32728	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Left_LOrG_32726__volume_mm3	ROI volume of Left_LOrG_32726	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MCgG_32729__volume_mm3	ROI volume of Left_MCgG_32729	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MFC_32730__volume_mm3	ROI volume of Left_MFC_32730	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MFG_32731__volume_mm3	ROI volume of Left_MFG_32731	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MOG_32732__volume_mm3	ROI volume of Left_MOG_32732	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MOrG_32733__volume_mm3	ROI volume of Left_MOrG_32733	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MPoG_32734__volume_mm3	ROI volume of Left_MPoG_32734	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MPrG_32735__volume_mm3	ROI volume of Left_MPrG_32735	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MSFG_32736__volume_mm3	ROI volume of Left_MSFG_32736	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_MTG_32737__volume_mm3	ROI volume of Left_MTG_32737	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_OCP_32738__volume_mm3	ROI volume of Left_OCP_32738	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_OFuG_32739__volume_mm3	ROI volume of Left_OFuG_32739	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_OpIFG_32740__volume_mm3	ROI volume of Left_OpIFG_32740	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Left_OrIFG_32741__volume_mm3	ROI volume of Left_OrIFG_32741	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Pallidum_32750__volume_mm3	ROI volume of Left_Pallidum_32750	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PCgG_32742__volume_mm3	ROI volume of Left_PCgG_32742	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PCu_32743__volume_mm3	ROI volume of Left_PCu_32743	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PHG_32744__volume_mm3	ROI volume of Left_PHG_32744	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PIns_32745__volume_mm3	ROI volume of Left_PIns_32745	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PO_32746__volume_mm3	ROI volume of Left_PO_32746	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PoG_32751__volume_mm3	ROI volume of Left_PoG_32751	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_POrG_32747__volume_mm3	ROI volume of Left_POrG_32747	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PP_32748__volume_mm3	ROI volume of Left_PP_32748	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PrG_32752__volume_mm3	ROI volume of Left_PrG_32752	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_PT_32749__volume_mm3	ROI volume of Left_PT_32749	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Putamen_32753__volume_mm3	ROI volume of Left_Putamen_32753	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Left_SCA_32754__volume_mm3	ROI volume of Left_SCA_32754	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_SFG_32755__volume_mm3	ROI volume of Left_SFG_32755	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_SMC_32756__volume_mm3	ROI volume of Left_SMC_32756	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_SMG_32757__volume_mm3	ROI volume of Left_SMG_32757	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_SOG_32758__volume_mm3	ROI volume of Left_SOG_32758	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_SPL_32759__volume_mm3	ROI volume of Left_SPL_32759	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_STG_32760__volume_mm3	ROI volume of Left_STG_32760	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Thalamus_Proper_32763__volume_mm3	ROI volume of Left_Thalamus_Proper_32763	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_TMP_32761__volume_mm3	ROI volume of Left_TMP_32761	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_TrIFG_32764__volume_mm3	ROI volume of Left_TrIFG_32764	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_TTG_32762__volume_mm3	ROI volume of Left_TTG_32762	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_Ventral_DC_32765__volume_mm3	ROI volume of Left_Ventral_DC_32765	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Left_vessel_32766__volume_mm3	ROI volume of Left_vessel_32766	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Optic_Chiasm_32767__volume_mm3	ROI volume of Optic_Chiasm_32767	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Accumbens_Area_32771__volume_mm3	ROI volume of Right_Accumbens_Area_32771	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_ACgG_32768__volume_mm3	ROI volume of Right_ACgG_32768	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_AIns_32769__volume_mm3	ROI volume of Right_AIns_32769	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Amygdala_32772__volume_mm3	ROI volume of Right_Amygdala_32772	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_AnG_32773__volume_mm3	ROI volume of Right_AnG_32773	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_AOrG_32770__volume_mm3	ROI volume of Right_AOrG_32770	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Basal_Forebrain_32774__volume_mm3	ROI volume of Right_Basal_Forebrain_32774	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Calc_32776__volume_mm3	ROI volume of Right_Calc_32776	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Caudate_32777__volume_mm3	ROI volume of Right_Caudate_32777	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Cerebellum_Exterior_32778__volume_mm3	ROI volume of Right_Cerebellum_Exterior_32778	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Cerebellum_White_Matter_32779__volume_mm3	ROI volume of Right_Cerebellum_White_Matter_32779	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Cerebral_White_Matter_32780__volume_mm3	ROI volume of Right_Cerebral_White_Matter_32780	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Right_CO_32775__volume_mm3	ROI volume of Right_CO_32775	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Cun_32781__volume_mm3	ROI volume of Right_Cun_32781	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Ent_32782__volume_mm3	ROI volume of Right_Ent_32782	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_FO_32783__volume_mm3	ROI volume of Right_FO_32783	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_FRP_32784__volume_mm3	ROI volume of Right_FRP_32784	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_FuG_32785__volume_mm3	ROI volume of Right_FuG_32785	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_GRe_32786__volume_mm3	ROI volume of Right_GRe_32786	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Hippocampus_32787__volume_mm3	ROI volume of Right_Hippocampus_32787	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Inf_Lat_Vent_32790__volume_mm3	ROI volume of Right_Inf_Lat_Vent_32790	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_IOG_32788__volume_mm3	ROI volume of Right_IOG_32788	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_ITG_32789__volume_mm3	ROI volume of Right_ITG_32789	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Lateral_Ventricle_32792__volume_mm3	ROI volume of Right_Lateral_Ventricle_32792	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_LiG_32793__volume_mm3	ROI volume of Right_LiG_32793	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Right_LOrG_32791__volume_mm3	ROI volume of Right_LOrG_32791	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MCgG_32794__volume_mm3	ROI volume of Right_MCgG_32794	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MFC_32795__volume_mm3	ROI volume of Right_MFC_32795	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MFG_32796__volume_mm3	ROI volume of Right_MFG_32796	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MOG_32797__volume_mm3	ROI volume of Right_MOG_32797	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MOrG_32798__volume_mm3	ROI volume of Right_MOrG_32798	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MPoG_32799__volume_mm3	ROI volume of Right_MPoG_32799	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MPrG_32800__volume_mm3	ROI volume of Right_MPrG_32800	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MSFG_32801__volume_mm3	ROI volume of Right_MSFG_32801	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_MTG_32802__volume_mm3	ROI volume of Right_MTG_32802	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_OCP_32803__volume_mm3	ROI volume of Right_OCP_32803	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_OFuG_32804__volume_mm3	ROI volume of Right_OFuG_32804	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_OpIFG_32805__volume_mm3	ROI volume of Right_OpIFG_32805	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Right_OrIFG_32806__volume_mm3	ROI volume of Right_OrIFG_32806	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Pallidum_32815__volume_mm3	ROI volume of Right_Pallidum_32815	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PCgG_32807__volume_mm3	ROI volume of Right_PCgG_32807	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PCu_32808__volume_mm3	ROI volume of Right_PCu_32808	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PHG_32809__volume_mm3	ROI volume of Right_PHG_32809	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PIns_32810__volume_mm3	ROI volume of Right_PIns_32810	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PO_32811__volume_mm3	ROI volume of Right_PO_32811	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PoG_32816__volume_mm3	ROI volume of Right_PoG_32816	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_POrG_32812__volume_mm3	ROI volume of Right_POrG_32812	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PP_32813__volume_mm3	ROI volume of Right_PP_32813	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PrG_32817__volume_mm3	ROI volume of Right_PrG_32817	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_PT_32814__volume_mm3	ROI volume of Right_PT_32814	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Putamen_32818__volume_mm3	ROI volume of Right_Putamen_32818	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
Right_SCA_32819__volume_mm3	ROI volume of Right_SCA_32819	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_SFG_32820__volume_mm3	ROI volume of Right_SFG_32820	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_SMC_32821__volume_mm3	ROI volume of Right_SMC_32821	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_SMG_32822__volume_mm3	ROI volume of Right_SMG_32822	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_SOG_32823__volume_mm3	ROI volume of Right_SOG_32823	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_SPL_32824__volume_mm3	ROI volume of Right_SPL_32824	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_STG_32825__volume_mm3	ROI volume of Right_STG_32825	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Thalamus_Proper_32828__volume_mm3	ROI volume of Right_Thalamus_Proper_32828	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_TMP_32826__volume_mm3	ROI volume of Right_TMP_32826	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_TrIFG_32829__volume_mm3	ROI volume of Right_TrIFG_32829	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_TTG_32827__volume_mm3	ROI volume of Right_TTG_32827	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_Ventral_DC_32830__volume_mm3	ROI volume of Right_Ventral_DC_32830	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
Right_vessel_32831__volume_mm3	ROI volume of Right_vessel_32831	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_body_front__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_length	Mean diffusion scalar of length for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_body_front__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_front__number_of_tracts	Number of tracts for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_body_front__std_length	Standard length of tract for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_body_front__tract_volume	Volume of tract for wm_body_front	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_body_par__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_body_par__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_length	Mean diffusion scalar of length for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_par__number_of_tracts	Number of tracts for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_body_par__std_length	Standard length of tract for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_body_par__tract_volume	Volume of tract for wm_body_par	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_body_temp__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_length	Mean diffusion scalar of length for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_body_temp__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_body_temp__number_of_tracts	Number of tracts for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_body_temp__std_length	Standard length of tract for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_body_temp__tract_volume	Volume of tract for wm_body_temp	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_callosal_front__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_callosal_front__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_length	Mean diffusion scalar of length for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_front__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_callosal_front__number_of_tracts	Number of tracts for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_callosal_front__std_length	Standard length of tract for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_callosal_front__tract_volume	Volume of tract for wm_callosal_front	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_callosal_occ__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_length	Mean diffusion scalar of length for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_callosal_occ__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_occ__number_of_tracts	Number of tracts for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_callosal_occ__std_length	Standard length of tract for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_callosal_occ__tract_volume	Volume of tract for wm_callosal_occ	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_callosal_par__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_callosal_par__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_length	Mean diffusion scalar of length for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_par__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_callosal_par__number_of_tracts	Number of tracts for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_callosal_par__std_length	Standard length of tract for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_callosal_par__tract_volume	Volume of tract for wm_callosal_par	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_callosal_temp__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_callosal_temp__mean_length	Mean diffusion scalar of length for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_callosal_temp__number_of_tracts	Number of tracts for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_callosal_temp__std_length	Standard length of tract for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_callosal_temp__tract_volume	Volume of tract for wm_callosal_temp	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_cm1.left__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cm1.left__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_length	Mean diffusion scalar of length for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cm1.left__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.left__number_of_tracts	Number of tracts for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_cm1.left__std_length	Standard length of tract for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_cm1.left__tract_volume	Volume of tract for wm_cm1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_cm1.right__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_length	Mean diffusion scalar of length for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cm1.right__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cm1.right__number_of_tracts	Number of tracts for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_cm1.right__std_length	Standard length of tract for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_cm1.right__tract_volume	Volume of tract for wm_cm1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_cpma.left__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cpma.left__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_length	Mean diffusion scalar of length for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.left__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cpma.left__number_of_tracts	Number of tracts for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_cpma.left__std_length	Standard length of tract for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_cpma.left__tract_volume	Volume of tract for wm_cpma.left	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_cpma.right__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_length	Mean diffusion scalar of length for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cpma.right__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cpma.right__number_of_tracts	Number of tracts for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_cpma.right__std_length	Standard length of tract for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_cpma.right__tract_volume	Volume of tract for wm_cpma.right	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_cs1.left__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cs1.left__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_length	Mean diffusion scalar of length for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.left__number_of_tracts	Number of tracts for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cs1.left__std_length	Standard length of tract for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_cs1.left__tract_volume	Volume of tract for wm_cs1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_cs1.right__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_length	Mean diffusion scalar of length for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_cs1.right__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_cs1.right__number_of_tracts	Number of tracts for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_cs1.right__std_length	Standard length of tract for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_cs1.right__tract_volume	Volume of tract for wm_cs1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_genu_front__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_genu_front__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_length	Mean diffusion scalar of length for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float				
wm_genu_front__number_of_tracts	Number of tracts for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_genu_front__std_length	Standard length of tract for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_genu_front__tract_volume	Volume of tract for wm_genu_front	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_pm1.left__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_length	Mean diffusion scalar of length for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_pm1.left__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.left__number_of_tracts	Number of tracts for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_pm1.left__std_length	Standard length of tract for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_pm1.left__tract_volume	Volume of tract for wm_pm1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_pm1.right__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_pm1.right__mean_length	Mean diffusion scalar of length for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_pm1.right__number_of_tracts	Number of tracts for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_pm1.right__std_length	Standard length of tract for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_pm1.right__tract_volume	Volume of tract for wm_pm1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_ppma.left__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_ppma.left__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_length	Mean diffusion scalar of length for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_ppma.left__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.left__number_of_tracts	Number of tracts for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_ppma.left__std_length	Standard length of tract for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_ppma.left__tract_volume	Volume of tract for wm_ppma.left	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_ppma.right__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_length	Mean diffusion scalar of length for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_ppma.right__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ppma.right__number_of_tracts	Number of tracts for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_ppma.right__std_length	Standard length of tract for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_ppma.right__tract_volume	Volume of tract for wm_ppma.right	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_ps1.left__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_ps1.left__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_length	Mean diffusion scalar of length for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.left__number_of_tracts	Number of tracts for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_ps1.left__std_length	Standard length of tract for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_ps1.left__tract_volume	Volume of tract for wm_ps1.left	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_ps1.right__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_length	Mean diffusion scalar of length for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_ps1.right__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float				
wm_ps1.right__number_of_tracts	Number of tracts for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_ps1.right__std_length	Standard length of tract for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_ps1.right__tract_volume	Volume of tract for wm_ps1.right	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_splenium_occ__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_splenium_occ__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_length	Mean diffusion scalar of length for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_splenium_occ__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_occ__number_of_tracts	Number of tracts for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_splenium_occ__std_length	Standard length of tract for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_splenium_occ__tract_volume	Volume of tract for wm_splenium_occ	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_splenium_par__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_splenium_par__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_length	Mean diffusion scalar of length for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_par__number_of_tracts	Number of tracts for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_splenium_par__std_length	Standard length of tract for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float	mm			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_splenium_par__tract_volume	Volume of tract for wm_splenium_par	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
wm_splenium_temp__mean_AX_tensor1	Mean diffusion scalar of AX_tensor1 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_AX_tensor2	Mean diffusion scalar of AX_tensor2 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_FA_DTIESTIM	Mean diffusion scalar of FA_DTIESTIM for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_FA_tensor1	Mean diffusion scalar of FA_tensor1 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_FA_tensor2	Mean diffusion scalar of FA_tensor2 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_FreeWater	Mean diffusion scalar of FreeWater for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_GA_tensor1	Mean diffusion scalar of GA_tensor1 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_GA_tensor2	Mean diffusion scalar of GA_tensor2 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_length	Mean diffusion scalar of length for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm_splenium_temp__mean_MD_DTIESTIM	Mean diffusion scalar of MD_DTIESTIM for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_MD_tensor1	Mean diffusion scalar of MD_tensor1 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_MD_tensor2	Mean diffusion scalar of MD_tensor2 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_RD_DTIESTIM	Mean diffusion scalar of RD_DTIESTIM for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_RD_tensor1	Mean diffusion scalar of RD_tensor1 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__mean_RD_tensor2	Mean diffusion scalar of RD_tensor2 for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float				
wm_splenium_temp__number_of_tracts	Number of tracts for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	integer				
wm_splenium_temp__std_length	Standard length of tract for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float	mm			
wm_splenium_temp__tract_volume	Volume of tract for wm_splenium_temp	ROIs_for_sMR_and_diffusion_scalars	float	mm^3			
X3rd_ventricle_32696__volume_mm3	ROI Volume of X3rd_ventricle_32696	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			
X4th_ventricle_32697__volume_mm3	ROI Volume of X4th_ventricle_32697	ROIs_for_sMR_and_diffusion_scalars	integer	mm^3			

region	Region		encoded value				- Northern America - Australasia - Europe

4.8 Data File predicthd_2020_SBM_sMRI

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	SBM_sMRI	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	SBM_sMRI	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	SBM_sMRI	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	SBM_sMRI	date	YEAR			
days_in_study	Days since baseline	SBM_sMRI	integer				
SECTION	STUDY SECTION	SBM_sMRI	string				
DELIVERY	ASSESSMENT DELIVERY MODE	SBM_sMRI	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	SBM_sMRI	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	SBM_sMRI	string				P=Participant C=Companion
site[1]	Study site number (external)	SBM_sMRI	integer				
country[1]	Country where data was collected	SBM_sMRI	string				
scanid	Unique identifier for scanning session	SBM_sMRI	string				
scanner_ext	external scanner identifier	SBM_sMRI	integer				
component_1	SBM loading coefficient for component 1	SBM_sMRI	float				
component_2	SBM loading coefficient for component 2	SBM_sMRI	float				
component_3	SBM loading coefficient for component 3	SBM_sMRI	float				
component_4	SBM loading coefficient for component 4	SBM_sMRI	float				
component_5	SBM loading coefficient for component 5	SBM_sMRI	float				
component_6	SBM loading coefficient for component 6	SBM_sMRI	float				

component_7	SBM loading coefficient for component 7	SBM_sMRI	float				
component_8	SBM loading coefficient for component 8	SBM_sMRI	float				
component_9	SBM loading coefficient for component 9	SBM_sMRI	float				
component_10	SBM loading coefficient for component 10	SBM_sMRI	float				
component_11	SBM loading coefficient for component 11	SBM_sMRI	float				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
component_12	SBM loading coefficient for component 12	SBM_sMRI	float				
component_13	SBM loading coefficient for component 13	SBM_sMRI	float				
component_14	SBM loading coefficient for component 14	SBM_sMRI	float				
component_15	SBM loading coefficient for component 15	SBM_sMRI	float				
component_16	SBM loading coefficient for component 16	SBM_sMRI	float				
component_17	SBM loading coefficient for component 17	SBM_sMRI	float				
component_18	SBM loading coefficient for component 18	SBM_sMRI	float				
component_19	SBM loading coefficient for component 19	SBM_sMRI	float				
component_20	SBM loading coefficient for component 20	SBM_sMRI	float				
component_21	SBM loading coefficient for component 21	SBM_sMRI	float				
component_22	SBM loading coefficient for component 22	SBM_sMRI	float				
component_23	SBM loading coefficient for component 23	SBM_sMRI	float				
region	Region		encoded value				- Northern America - Australasia - Europe

4.8 Data File predicthd_2020_sMR_BRAINS_volumes

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	sMR_BRAINS_volumes	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	sMR_BRAINS_volumes	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	sMR_BRAINS_volumes	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	sMR_BRAINS_volumes	date	YEAR			
days_in_study	Days since baseline	sMR_BRAINS_volumes	integer				
SECTION	STUDY SECTION	sMR_BRAINS_volumes	string				
DELIVERY	ASSESSMENT DELIVERY MODE	sMR_BRAINS_volumes	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	sMR_BRAINS_volumes	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	sMR_BRAINS_volumes	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	sMR_BRAINS_volumes	integer				
country[1]	Country where data was collected	sMR_BRAINS_volumes	string				
scanid	Scan ID	sMR_BRAINS_volumes	integer				
scanner_ext	external scanner identifier	sMR_BRAINS_volumes	integer				
caudate	Caudate volume	sMR_BRAINS_volumes	integer				
putamen	Putamen volume	sMR_BRAINS_volumes	integer				
hippocampus	Hippocampus volume	sMR_BRAINS_volumes	integer				
thalamus	Thalamus volume	sMR_BRAINS_volumes	integer				
accumbens	Accumbens volume	sMR_BRAINS_volumes	integer				
globus	Globus volume	sMR_BRAINS_volumes	integer				
crblgm	Cerebellar gray matter volume	sMR_BRAINS_volumes	integer				
crblwm	Cerebellar white matter volume	sMR_BRAINS_volumes	integer				
crbrgm	Cerebral gray matter volume	sMR_BRAINS_volumes	integer				
crbrwm	Cerebral white matter volume	sMR_BRAINS_volumes	integer				
csf	CSF volume	sMR_BRAINS_volumes	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
icv	Intercranial volume	sMR_BRAINS_volumes	integer				
frontal_g	Frontal gray matter	sMR_BRAINS_volumes	integer				
parietal_g	Parietal gray matter	sMR_BRAINS_volumes	integer				
occipital_g	Occipital gray matter	sMR_BRAINS_volumes	integer				
temporal_g	Temporal gray matter	sMR_BRAINS_volumes	integer				
frontal_w	Frontal white matter	sMR_BRAINS_volumes	integer				
parietal_w	Parietal white matter	sMR_BRAINS_volumes	integer				
occipital_w	Occipital white matter	sMR_BRAINS_volumes	integer				
temporal_w	Temporal white matter	sMR_BRAINS_volumes	integer				
icv_gw	Intercranial volume gray/white matter	sMR_BRAINS_volumes	integer				
region	Region		encoded value				- Northern America - Australasia - Europe

4.8 Data File predicthd_2020_wm_parc

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	wm_parc	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	wm_parc	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	wm_parc	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	wm_parc	date	YEAR			
days_in_study	Days since baseline	wm_parc	integer				
SECTION	STUDY SECTION	wm_parc	string				
DELIVERY	ASSESSMENT DELIVERY MODE	wm_parc	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	wm_parc	string				
INFORMANT	INFORMANT ABBREVIATION	wm_parc	encoded value				P=Participant C=Companion

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
site[1]	Study site number (external)	wm_parc	integer				
country[1]	Country where data was collected	wm_parc	string				
field_strength	MRI Scanner Field Strength	wm_parc	float	tesla			
wm-lh-bankssts	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-bankssts	wm_parc	float	volume_mm3			
wm-lh-caudalanteriorcingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-caudal anteriorcingulate	wm_parc	float	volume_mm3			
wm-lh-caudalmiddlefrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-caudal middlefrontal	wm_parc	float	volume_mm3			
wm-lh-cuneus	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-cuneus	wm_parc	float	volume_mm3			
wm-lh-entorhinal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-entorhinal	wm_parc	float	volume_mm3			
wm-lh-fusiform	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-fusiform	wm_parc	float	volume_mm3			
wm-lh-inferiorparietal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-inferiorparietal	wm_parc	float	volume_mm3			
wm-lh-inferiortemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-inferiortemporal	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-lh-isthmuscingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-isthmus cingulate	wm_parc	float	volume_mm3			
wm-lh-lateraloccipital	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-lateraloccipital	wm_parc	float	volume_mm3			
wm-lh-lateralorbitofrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-lateral orbitofrontal	wm_parc	float	volume_mm3			
wm-lh-lingual	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-lingual	wm_parc	float	volume_mm3			
wm-lh-medialorbitofrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-medial orbitofrontal	wm_parc	float	volume_mm3			
wm-lh-middletemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-middletemporal	wm_parc	float	volume_mm3			
wm-lh-parahippocampal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-parahippocampal	wm_parc	float	volume_mm3			
wm-lh-paracentral	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-paracentral	wm_parc	float	volume_mm3			
wm-lh-parsopercularis	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-pars opercularis	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-lh-parsorbitalis	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-pars orbitalis	wm_parc	float	volume_mm3			
wm-lh-parstriangularis	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-pars triangularis	wm_parc	float	volume_mm3			
wm-lh-pericalcarine	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-pericalcarine	wm_parc	float	volume_mm3			
wm-lh-postcentral	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-postcentral	wm_parc	float	volume_mm3			
wm-lh-posteriorcingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-posteriorcingulate	wm_parc	float	volume_mm3			
wm-lh-precentral	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-precentral	wm_parc	float	volume_mm3			
wm-lh-precuneus	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-precuneus	wm_parc	float	volume_mm3			
wm-lh-rostralanteriorcingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-rostral anteriorcingulate	wm_parc	float	volume_mm3			
wm-lh-rostralmiddlefrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-rostral middlefrontal	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-lh-superiorfrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-superiorfrontal	wm_parc	float	volume_mm3			
wm-lh-superiorparietal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-superiorparietal	wm_parc	float	volume_mm3			
wm-lh-superiortemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-superiortemporal	wm_parc	float	volume_mm3			
wm-lh-supramarginal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-supramarginal	wm_parc	float	volume_mm3			
wm-lh-frontalpole	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-frontal pole	wm_parc	float	volume_mm3			
wm-lh-temporalpole	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-temporal pole	wm_parc	float	volume_mm3			
wm-lh-transversetemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-transversetemporal	wm_parc	float	volume_mm3			
wm-lh-insula	Freesurfer5.2 White Matter Parcellation Volume of wm-lh-insula	wm_parc	float	volume_mm3			
wm-rh-bankssts	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-bankssts	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-rh-caudalanteriorcingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-caudal anteriorcingulate	wm_parc	float	volume_mm3			
wm-rh-caudalmiddlefrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-caudal middlefrontal	wm_parc	float	volume_mm3			
wm-rh-cuneus	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-cuneus	wm_parc	float	volume_mm3			
wm-rh-entorhinal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-entorhinal	wm_parc	float	volume_mm3			
wm-rh-fusiform	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-fusiform	wm_parc	float	volume_mm3			
wm-rh-inferiorparietal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-inferiorparietal	wm_parc	float	volume_mm3			
wm-rh-inferiortemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-inferiortemporal	wm_parc	float	volume_mm3			
wm-rh-isthmuscingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-isthmus cingulate	wm_parc	float	volume_mm3			
wm-rh-lateraloccipital	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-lateraloccipital	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-rh-lateralorbitofrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-lateral orbitofrontal	wm_parc	float	volume_mm3			
wm-rh-lingual	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-lingual	wm_parc	float	volume_mm3			
wm-rh-medialorbitofrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-medial orbitofrontal	wm_parc	float	volume_mm3			
wm-rh-middletemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-middletemporal	wm_parc	float	volume_mm3			
wm-rh-parahippocampal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-parahippocampal	wm_parc	float	volume_mm3			
wm-rh-paracentral	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-paracentral	wm_parc	float	volume_mm3			
wm-rh-parsopercularis	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-pars opercularis	wm_parc	float	volume_mm3			
wm-rh-parsorbitalis	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-pars orbitalis	wm_parc	float	volume_mm3			
wm-rh-parstriangularis	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-pars triangularis	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-rh-pericalcarine	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-pericalcarine	wm_parc	float	volume_mm3			
wm-rh-postcentral	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-postcentral	wm_parc	float	volume_mm3			
wm-rh-posteriorcingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-posteriorcingulate	wm_parc	float	volume_mm3			
wm-rh-precentral	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-precentral	wm_parc	float	volume_mm3			
wm-rh-precuneus	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-precuneus	wm_parc	float	volume_mm3			
wm-rh-rostralanteriorcingulate	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-rostral anteriorcingulate	wm_parc	float	volume_mm3			
wm-rh-rostralmiddlefrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-rostral middlefrontal	wm_parc	float	volume_mm3			
wm-rh-superiorfrontal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-superiorfrontal	wm_parc	float	volume_mm3			
wm-rh-superiorparietal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-superiorparietal	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
wm-rh-superiortemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-superiortemporal	wm_parc	float	volume_mm3			
wm-rh-supramarginal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-supramarginal	wm_parc	float	volume_mm3			
wm-rh-frontalpole	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-frontalpole	wm_parc	float	volume_mm3			
wm-rh-temporalpole	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-temporalpole	wm_parc	float	volume_mm3			
wm-rh-transversetemporal	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-transversetemporal	wm_parc	float	volume_mm3			
wm-rh-insula	Freesurfer5.2 White Matter Parcellation Volume of wm-rh-insula	wm_parc	float	volume_mm3			
Left-UnsegmentedWhiteMatter	Freesurfer5.2 White Matter Parcellation Volume of Left-Unsegmented White Matter	wm_parc	float	volume_mm3			
Right-UnsegmentedWhiteMatter	Freesurfer5.2 White Matter Parcellation Volume of Right-Unsegmented White Matter	wm_parc	float	volume_mm3			
lhCorticalWhiteMatterVol	Freesurfer5.2 White Matter Parcellation Volume of lh Cortical White Matter Vol	wm_parc	float	volume_mm3			

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
rhCorticalWhiteMatterVol	Freesurfer5.2 White Matter Parcellation Volume of rh Cortical White Matter Vol	wm_parc	float	volume_mm3			
CorticalWhiteMatterVol	Freesurfer5.2 White Matter Parcellation Volume of Cortical White Matter Vol	wm_parc	float	volume_mm3			
MaskVol	Freesurfer5.2 White Matter Parcellation Volume of Mask Vol	wm_parc	float	volume_mm3			
EstimatedTotalIntraCraniaIVol	Freesurfer5.2 White Matter Parcellation Volume of Estimated Total IntraCranial Vol	wm_parc	float	volume_mm3			
region	Region		encoded value				- Northern America - Australasia - Europe

5 Unresolved Data Sets

The following data sets are unresolved data sets and should be used with extreme caution if at all.

5.1 Data File predicthd_2020_Substance Use

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	Substance_Use	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	Substance_Use	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	Substance_Use	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	Substance_Use	integer	YEAR			
days_in_study	Days since baseline	Substance_Use	integer				
SECTION	STUDY SECTION	Substance_Use	string				
DELIVERY	ASSESSMENT DELIVERY MODE	Substance_Use	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	Substance_Use	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	Substance_Use	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	Substance_Use	integer				
country[1]	Country where data was collected	Substance_Use	string				
alcoholintoxicationlifetime_1_0	Alcohol: Number of times intoxicated or drunk on alcohol (Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
alcoholintoxicationcurrent_1_0	Alcohol: Number of times intoxicated or drunk on alcohol (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
marijuanaselifetime_1_0	Marijuana (pot, hashish, hash, THC) (Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
marijuanasecurrent_1_0	Marijuana (pot, hashish, hash, THC) (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available

cocaineuselifetime_1_0	Cocaine (coke, snow, crack, rock, blow)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
cocaineusecurrent_1_0	Cocaine (coke, snow, crack, rock, blow)(Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
amphetaminesuselifetime_1_0	Amphetamines (speed, bennies, crystal, methamphetamine, CAT)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
amphetaminesusecurrent_1_0	Amphetamines (speed, bennies, crystal, methamphetamine, CAT)(Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
ritalinuselifetime_1_0	Ritalin (taken for non-medical reasons)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
ritalinusecurrent_1_0	Ritalin (taken for non-medical reasons)(Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
hallucinogensuselifetime_1_0	Hallucinogens (LSD, acid, peyote, mushrooms, mescaline, PCP, angel dust)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
hallucinogensusecurrent_1_0	Hallucinogens (LSD, acid, peyote,	Substance_Use	encoded value		0	2	0 = Never used

	mushrooms, mescaline, PCP, angel dust)(Times used drug/alcohol in the past six months)						1 = 1-10 times 2 = more than 10 times NA=Not Available
inhalantsuselifetime_1_0	Inhalants (rush, gasoline, paint, glue, nitrous oxide)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
inhalantsusecurrent_1_0	Inhalants (rush, gasoline, paint, glue, nitrous oxide)(Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
heroinuselifetime_1_0	Heroin (horse, H, smack, junk) or methadone (Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
heroinusecurrent_1_0	Heroin (horse, H, smack, junk) or methadone (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
opiumuselifetime_1_0	Opium (Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
opiumusecurrent_1_0	Opium (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
painkillersuselifetime_1_0	Painkillers used for non-medical reasons (codeine, morphine, percodan, vicodin)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
painkillersusecurrent_1_0	Painkillers used for non-medical reasons (codeine, morphine, percodan, vicodin) (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
barbituratesuselifetime_1_0	Barbiturates/sedatives used for non-medical reasons (Seconal, Nembutal, quaaludes, sleeping medicines)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
barbituratesucurrent_1_0	Barbiturates/sedatives used for non-medical reasons (Seconal, Nembutal, quaaludes, sleeping medicines) (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
tranquilizersuselifetime_1_0	Tranquilizers used for non-medical reasons (Librium, Valium, Xanax)(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
tranquilizersucurrent_1_0	Tranquilizers used for non-medical reasons (Librium, Valium, Xanax) (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
clubdrugsuselifetime_1_0	Club drugs [Ecstasy (Adam); GHB (liquid ecstasy); Ketamine (special K, vitamin K); Rohypnol (roofies)](Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
clubdrugsusecurrent_1_0	Club drugs [Ecstasy (Adam); GHB (liquid ecstasy); Ketamine (special K, vitamin K); Rohypnol (roofies)] (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
otherdrugsuselifetime_1_0	Other drugs(Total number of times in Lifetime)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
otherdrugsusecurrent_1_0	Other drugs (Times used drug/alcohol in the past six months)	Substance_Use	encoded value		0	2	0 = Never used 1 = 1-10 times 2 = more than 10 times NA=Not Available
otherdrugsspecify_1_0	Other drugs (please specify)	Substance_Use	string				
alcoholintoxicationlifetime_2_0	Alcohol:Number of times intoxicated or drunk (Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
alcoholintoxicationcurrent_2_0	Alcohol:Number of times intoxicated or drunk (Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
havefeltcuttingdrnkingdown_2_0	Have you ever felt you should cut down on your drinking?	Substance_Use	encoded value		0	1	0=No 1 = Yes NA=Not Available
isdrnkngcriticizingannoying_2_0	Have people annoyed you by criticizing your drinking?	Substance_Use	encoded value		0	1	0=No 1 = Yes NA=Not Available
havefeltbadaboutdrinking_2_0	Have you ever felt bad or guilty about your drinking?	Substance_Use	encoded value		0	1	0=No 1 = Yes NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
havedrnkfirstthinginmrning_2_0	Have you ever had a drink first thing in the morning to steady your nerves or get rid of a hangover (eye opener)?	Substance_Use	encoded value		0	1	0=No 1 = Yes NA=Not Available
marijuanauselifetime_2_0	Marijuana (pot, hashish, hash, THC)(Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
marijuanausecurrent_2_0	Marijuana (pot, hashish, hash, THC)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
cocaineuselifetime_2_0	Cocaine (coke, snow, crack, rock, blow)(Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
cocaineusecurrent_2_0	Cocaine (coke, snow, crack, rock, blow)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
amphetaminesuselifetime_2_0	Amphetamines (speed, bennies, crystal, methamphetamine, CAT)(Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
amphetaminesusecurrent_2_0	Amphetamines (speed, bennies, crystal, methamphetamine, CAT)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
ritalinuselifetime_2_0	Ritalin (taken for non-medical reasons)(Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
ritalinusecurrent_2_0	Ritalin (taken for non-medical reasons)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
hallucinogensuselifetime_2_0	Hallucinogens (LSD, acid, peyote, mushrooms, mescaline, PCP, angel dust)(Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
hallucinogensusecurrent_2_0	Hallucinogens (LSD, acid, peyote, mushrooms, mescaline, PCP, angel dust)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
inhalantsuselifetime_2_0	Inhalants (rush, gasoline, paint, glue, nitrous oxide)(Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
inhalantsusecurrent_2_0	Inhalants (rush, gasoline, paint, glue, nitrous oxide)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
heroinuselifetime_2_0	Heroin (horse, H, smack, junk) or methadone (Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
heroinusecurrent_2_0	Heroin (horse, H, smack, junk) or methadone (Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
opiumuselifetime_2_0	Opium (Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
opiumusecurrent_2_0	Opium (Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
painkillersuselifetime_2_0	Painkillers used for non-medical reasons (codeine, morphine, Percodan, Vicodin) (Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
painkillersusecurrent_2_0	Painkillers used for non-medical reasons (codeine, morphine, Percodan, Vicodin)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
barbituratuselifetime_2_0	Barbituates/sedatives used for non-medical reasons (Seconal,Nembutal, Quaaludes, sleeping medicines) (Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
barbituratusecurrent_2_0	Barbituates/sedatives used for non-medical reasons (Seconal,Nembutal, Quaaludes, sleeping medicines)(Times intoxicated in past six months)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
tranquilizerselifetime_2_0	Tranquilizers used for non-medical reasons (Librium, Valium, Xanax) (Times intoxicated in lifetime)	Substance_Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
tranquilizersusecurrent_2_0	Tranquilizers used for non-medical reasons (Librium, Valium, Xanax)(Times intoxicated in past six months)	Substance_ Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
clubdrugsuselifetime_2_0	Club drugs [Ecstasy (Adam); GHB (liquid ecstasy); Ketamine (special K, vitamin K); Rohypnol (roofies)] (Times intoxicated in lifetime)	Substance_ Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
clubdrugsusecurrent_2_0	Club drugs [Ecstasy (Adam); GHB (liquid ecstasy); Ketamine (special K, vitamin K); Rohypnol (roofies)] (Times intoxicated in past six months)	Substance_ Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
otherdrugsuselifetime_2_0	Other drugs (Times intoxicated in lifetime)	Substance_ Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
otherdrugsusecurrent_2_0	Other drugs (Times intoxicated in past six months)	Substance_ Use	encoded value		0	3	0 = Never intoxicated 1 = 1-10 times 2 = 11-20 times 3 = more than 20 times NA=Not Available
otherdrugsspecify_2_0	Other drugs (please specify)	Substance_ Use	string				
upsitprtcpntsmkr	Do you smoke?	Substance_ Use	encoded value		0	1	0=No 1 = Yes NA=Not Available
smkrcgrttesperday	How many cigarettes do you smoke each day?	Substance_ Use	integer				
smkrcgrsperday	How many cigars do you smoke each day?	Substance_ Use	integer				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
smkrothrtypofsmkng	Other Type?	Substance_Use	string				
smkrothrtypofsmkngperday	How many each day	Substance_Use	integer				
smkryrssmking	How many years have you been smoking?	Substance_Use	integer				
eversmoked	Have you ever smoked?	Substance_Use	encoded value		0	1	0=No 1 = Yes NA=Not Available
frmrsmkryrssmkng	How many years did you smoke	Substance_Use	integer				
frmrsmkrcgrttesperday	How many cigarettes did you smoke each day	Substance_Use	integer				
frmrsmkrcgrsperday	How many cigars did you smoke each day?	Substance_Use	integer				
frmrsmkrothrtypofsmkng	Other Type?	Substance_Use	string				
frmrsmkrothrtypperday	How many each day?	Substance_Use	integer				
frmrsmkrsmllablitychng	Did your smell ability change after stopping?	Substance_Use	encoded value		0	1	0=No 1 = Yes NA=Not Available
frmrsmkrsmllablitychngcmt	If YES, please describe how it changed:	Substance_Use	string				
region	Region		encoded value				- Northern America - Australasia - Europe

5.2 Data File predicthd_2020_Vitals

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
nda_subjectkey	The NDAR Global Unique Identifier (GUID) for research subject	Vitals	guid				
SUBJID	DEIDENTIFIED STUDY SUBJECT ID	Vitals	string				
EVENT	PREDICT-HD VISIT / EVENT CODE	Vitals	encoded value				101=First Event 1.0 Study 102=Second Event 1.0 Study 103=Third Event 1.0 Study 104=Fourth Event 1.0 Study 105=Fifth Event 1.0 Study 106=Sixth Event 1.0 Study 107=Seventh Event 1.0 Study 108=Eight Event 1.0 Study 109=Ninth Event 1.0 Study 110=Tenth Event 1.0 Study 201=First Event 2.0 Study 202=Second Event 2.0 Study 203=Third Event 2.0 Study 204=Fourth Event 2.0 Study 205=Fifth Event 2.0 Study 206=Sixth Event 2.0 Study 207=Seventh Event 2.0 Study 208=Eigth Event 2.0 Study 209=Ninth Event 2.0 Study 210=Tenth Event 2.0 Study 211=Eleventh Year 2.0 Study 212=Twelfth Year 2.0 Study 213=Thirteenth Year 2.0 Study 214=Fourteenth Event 2.0 Study
YEAR	Event date (limited to year)	Vitals	integer	YEAR			
days_in_study	Days since baseline	Vitals	integer				
SECTION	STUDY SECTION	Vitals	string				
DELIVERY	ASSESSMENT DELIVERY MODE	Vitals	string				
ASSESSOR	FULL NAME OF ASSESSMENT INSTRUMENT	Vitals	string				

VARNAME	VARDESC	DOCFILE	TYPE	UNITS	MIN	MAX	values_0 – values_23
INFORMANT	INFORMANT ABBREVIATION (P=PARTICIPANT C=COMPANION)	Vitals	encoded value				P=Participant C=Companion
site[1]	Study site number (external)	Vitals	integer				
country[1]	Country where data was collected	Vitals	string				
vit_time	Administration time	Vitals	time				
height_met	Height	Vitals	float	cm			
weight_met	Weight	Vitals	float	kg			
bp_arm	Arm used to take blood pressure	Vitals	encoded value		1	2	1 = Left 2 = Right
blood_ps	Systolic blood pressure	Vitals	integer	mmHg			
blood_pd	Diastolic blood pressure	Vitals	integer	mmHg			
vit_temp	temperture	Vitals	float	celsius			
vit_pulse	pulse	Vitals	integer				
fasting	Did the subject fast for twelve hours	Vitals	encoded value		0	1	0 = No 1 = Yes
region	Region		encoded value				- Northern America - Australasia - Europe