

# PREDICT-HD CHANGE LOG

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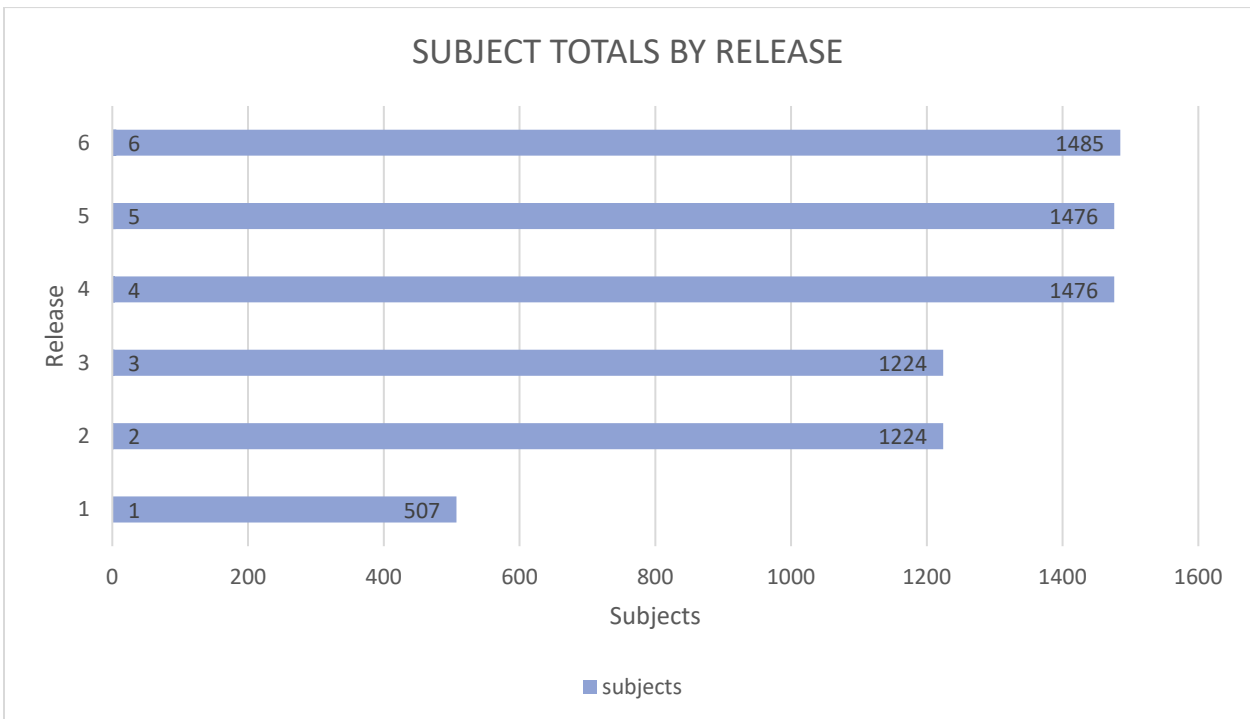
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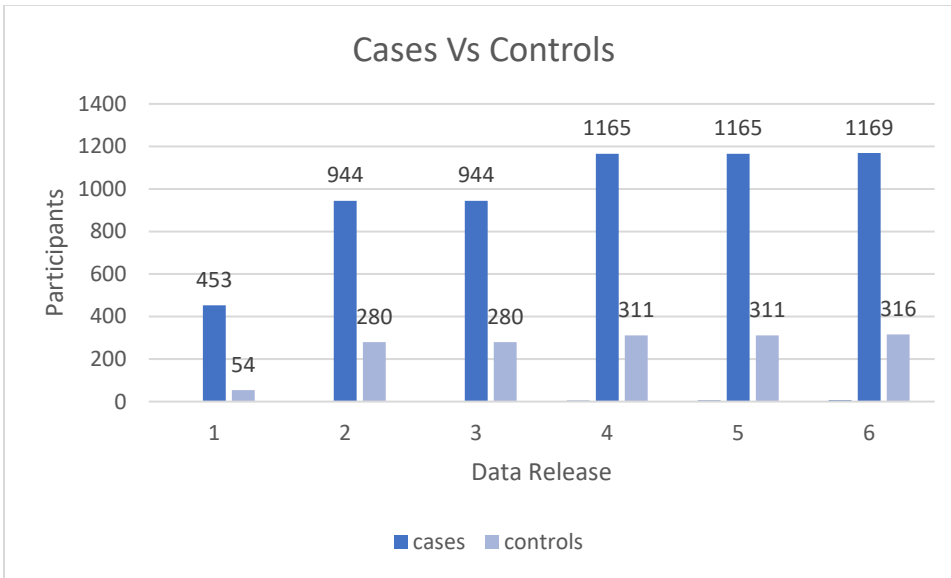
## Overview

This document describes the changes made from data release 6 to the release 7 and will briefly touch on previous releases. For more information on each release (1-6), please refer to the [dbGap website](#). An overview of changes to each data release can be found in the release notes.

Sample sizes for each release are as follows:

Release	Case (n)	Controls (n)	Total (n)
1	453	54	507
2	944	280	1224
3	944	280	1224
4	1165	311	1476
5	1165	311	1476
6	1169	316	1485
7	1169	316	1485





## Participant ID

No changes have been made to participant ID numbers (recoded PREDICT-HD ids) in this release relative to release 6.

## File structure

No changes have been made to the file structure from release 6 to release 7

## Variables

There have been additional variables added to the data sets. The new variables provided are a combination of additional data not shared previously such as the individual items of the Emotion Recognition (Static) computerized version as well as tasks not shared previously such as the Snaith Irritability Scale. The new or modified variables are as follows:

File	Variable	Question	Status
<b>Phenotypes</b>	ES__ANIG	EFS05, Anger Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__ANIM	EFS05, Anger Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__ANID	EFS05, Anger Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__ANIS	EFS05, Anger Initiation Times, StdDev of set	New to Release 7

<b>Phenotypes</b>	ES__ANDG	EFS05, Anger Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__ANDM	EFS05, Anger Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__ANDD	EFS05, Anger Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__ANDS	EFS05, Anger Movement Distances, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__ANMG	EFS05, Anger Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__ANMM	EFS05, Anger Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__ANMD	EFS05, Anger Movement Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__ANMS	EFS05, Anger Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__DIIG	EFS05, Disgust Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__DIIM	EFS05, Disgust Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__DIID	EFS05, Disgust Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__DIIS	EFS05, Disgust Initiation Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__DIDG	EFS05, Disgust Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__DIDM	EFS05, Disgust Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__DIDD	EFS05, Disgust Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__DIDS	EFS05, Disgust Movement Distances, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__DIMG	EFS05, Disgust Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__DIMM	EFS05, Disgust Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__DIMD	EFS05, Disgust Movement Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__DIMS	EFS05, Disgust Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__FEIG	EFS05, Fear Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__FEIM	EFS05, Fear Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__FEID	EFS05, Fear Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__FEIS	EFS05, Fear Initiation Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__FEDG	EFS05, Fear Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__FEDM	EFS05, Fear Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__FEDD	EFS05, Fear Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__FEDS	EFS05, Fear Movement Distances, StdDev of set	New to Release 7

<b>Phenotypes</b>	ES__FEMG	EFS05, Fear Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__FEMM	EFS05, Fear Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__FEMD	EFS05, Fear Movement Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__FEMS	EFS05, Fear Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__HAIG	EFS05, Happiness Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__HAIM	EFS05, Happiness Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__HAID	EFS05, Happiness Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__HAIS	EFS05, Happiness Initiation Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__HADG	EFS05, Happiness Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__HADM	EFS05, Happiness Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__HADD	EFS05, Happiness Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__HADS	EFS05, Happiness Movement Distances, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__HAMG	EFS05, Happiness Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__HAMM	EFS05, Happiness Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__HAMD	EFS05, Happiness Movement Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__HAMS	EFS05, Happiness Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__NEIG	EFS05, Neutral Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__NEIM	EFS05, Neutral Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__NEID	EFS05, Neutral Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__NEIS	EFS05, Neutral Initiation Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__NEDG	EFS05, Neutral Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__NEDM	EFS05, Neutral Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__NEDD	EFS05, Neutral Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__NEDS	EFS05, Neutral Movement Distances, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__NEMG	EFS05, Neutral Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__NEMM	EFS05, Neutral Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__NEMD	EFS05, Neutral Movement Times, Median of set	New to Release 7

<b>Phenotypes</b>	ES__NEMS	EFS05, Neutral Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__SAIG	EFS05, Sadness Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__SAIM	EFS05, Sadness Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__SAID	EFS05, Sadness Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__SAIS	EFS05, Sadness Initiation Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__SADG	EFS05, Sadness Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__SADM	EFS05, Sadness Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__SADD	EFS05, Sadness Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__SADS	EFS05, Sadness Movement Distances, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__SAMG	EFS05, Sadness Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__SAMM	EFS05, Sadness Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__SAMD	EFS05, Sadness Movement Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__SAMS	EFS05, Sadness Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__SUIG	EFS05, Surprise Initiation Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__SUIM	EFS05, Surprise Initiation Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__SUID	EFS05, Surprise Initiation Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__SUIS	EFS05, Surprise Initiation Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__SUDG	EFS05, Surprise Movement Distances, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__SUDM	EFS05, Surprise Movement Distances, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__SUDD	EFS05, Surprise Movement Distances, Median of set	New to Release 7
<b>Phenotypes</b>	ES__SUDS	EFS05, Surprise Movement Distances, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__SUMG	EFS05, Surprise Movement Times, Number left in set	New to Release 7
<b>Phenotypes</b>	ES__SUMM	EFS05, Surprise Movement Times, Mean of set	New to Release 7
<b>Phenotypes</b>	ES__SUMD	EFS05, Surprise Movement Times, Median of set	New to Release 7
<b>Phenotypes</b>	ES__SUMS	EFS05, Surprise Movement Times, StdDev of set	New to Release 7
<b>Phenotypes</b>	ES__ANAN	EFS05, Anger Stimulus, Total Anger Responses	New to Release 7
<b>Phenotypes</b>	ES__DIAN	EFS05, Disgust Stimulus, Total Anger Responses	New to Release 7
<b>Phenotypes</b>	ES__FEAN	EFS05, Fear Stimulus, Total Anger Responses	New to Release 7

<b>Phenotypes</b>	ES__HAAN	EFS05, Happiness Stimulus, Total Anger Responses	New to Release 7
<b>Phenotypes</b>	ES__NEAN	EFS05, Neutral Stimulus, Total Anger Responses	New to Release 7
<b>Phenotypes</b>	ES__SAAN	EFS05, Sadness Stimulus, Total Anger Responses	New to Release 7
<b>Phenotypes</b>	ES__SUAN	EFS05, Surprise Stimulus, Total Anger Responses	New to Release 7
<b>Phenotypes</b>	ES__ANDI	EFS05, Anger Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__DIDI	EFS05, Disgust Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__FEDI	EFS05, Fear Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__HADI	EFS05, Happiness Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__NEDI	EFS05, Neutral Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__SADI	EFS05, Sadness Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__SUDI	EFS05, Surprise Stimulus, Total Disgust Responses	New to Release 7
<b>Phenotypes</b>	ES__ANFE	EFS05, Anger Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__DIFE	EFS05, Disgust Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__FEFE	EFS05, Fear Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__HAFE	EFS05, Happiness Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__NEFE	EFS05, Neutral Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__SAFE	EFS05, Sadness Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__SUFE	EFS05, Surprise Stimulus, Total Fear Responses	New to Release 7
<b>Phenotypes</b>	ES__ANHA	EFS05, Anger Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__DIHA	EFS05, Disgust Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__FEHA	EFS05, Fear Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__HAHA	EFS05, Happiness Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__NEHA	EFS05, Neutral Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__SAHA	EFS05, Sadness Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__SUHA	EFS05, Surprise Stimulus, Total Happiness Responses	New to Release 7
<b>Phenotypes</b>	ES__ANNE	EFS05, Anger Stimulus, Total Neutral Responses	New to Release 7



<b>Phenotypes</b>	ES__DINE	EFS05, Disgust Stimulus, Total Neutral Responses	New to Release 7
<b>Phenotypes</b>	ES__FENE	EFS05, Fear Stimulus, Total Neutral Responses	New to Release 7
<b>Phenotypes</b>	ES__HANE	EFS05, Happiness Stimulus, Total Neutral Responses	New to Release 7
<b>Phenotypes</b>	ES__NENE	EFS05, Neutral Stimulus, Total Neutral Responses	New to Release 7
<b>Phenotypes</b>	ES__SANE	EFS05, Sadness Stimulus, Total Neutral Responses	New to Release 7
<b>Phenotypes</b>	ES__SUNE	EFS05, Surprise Stimulus, Total Neutral Responses	New to Release 7
<b>Phenotypes</b>	ES__ANSA	EFS05, Anger Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__DISA	EFS05, Disgust Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__FESA	EFS05, Fear Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__HASA	EFS05, Happiness Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__NESA	EFS05, Neutral Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__SASA	EFS05, Sadness Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__SUSA	EFS05, Surprise Stimulus, Total Sadness Responses	New to Release 7
<b>Phenotypes</b>	ES__ANSU	EFS05, Anger Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	ES__DISU	EFS05, Disgust Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	ES__FESU	EFS05, Fear Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	ES__HASU	EFS05, Happiness Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	ES__NESU	EFS05, Neutral Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	ES__SASU	EFS05, Sadness Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	ES__SUSU	EFS05, Surprise Stimulus, Total Surprise Responses	New to Release 7
<b>Phenotypes</b>	version	Version/code of assessment	New to Release 7
<b>Phenotypes</b>	hvltr_t1	Immediate Recall Trial 1 (# correct)	New to Release 7
<b>Phenotypes</b>	hvltr_t2	Immediate Recall Trial 2 (# correct)	New to Release 7
<b>Phenotypes</b>	hvltr_t3	Immediate Recall Trial 3 (# correct)	New to Release 7
<b>Phenotypes</b>	hvltr_tp	Delayed recognition - Total # of true - positive responses (hits)	New to Release 7
<b>Phenotypes</b>	hvltr_relpe	Delayed recognition - # of related false - positive errors	New to Release 7

<b>Phenotypes</b>	hvltr_unrelpe	Delayed recognition - # of unrelated false - positive errors	New to Release 7
<b>Phenotypes</b>	hvltr3	Retention Raw Score	New to Release 7
<b>Phenotypes</b>	hvltr4	Recognition Discrimination False Positives raw score	New to Release 7
<b>Phenotypes</b>	fp_tot	Total Number of False-Positive Errors	New to Release 7
<b>Phenotypes</b>	version_form	Form used/assessment name	New to Release 7
<b>Phenotypes</b>	errors_total	Total Errors	variable update
<b>Phenotypes</b>	iqscores_verbiq	Verbal IQ	New to Release 7
<b>Phenotypes</b>	bdi1	BDI question 1	New to Release 7
<b>Phenotypes</b>	bdi2	BDI question 2	New to Release 7
<b>Phenotypes</b>	bdi3	BDI question 3	New to Release 7
<b>Phenotypes</b>	bdi4	BDI question 4	New to Release 7
<b>Phenotypes</b>	bdi5	BDI question 5	New to Release 7
<b>Phenotypes</b>	bdi6	BDI question 6	New to Release 7
<b>Phenotypes</b>	bdi7	BDI question 7	New to Release 7
<b>Phenotypes</b>	bdi8	BDI question 8	New to Release 7
<b>Phenotypes</b>	bdi9	BDI question 9	New to Release 7
<b>Phenotypes</b>	bdi10	BDI question 10	New to Release 7
<b>Phenotypes</b>	bdi11	BDI question 11	New to Release 7
<b>Phenotypes</b>	bdi12	BDI question 12	New to Release 7
<b>Phenotypes</b>	bdi13	BDI question 13	New to Release 7
<b>Phenotypes</b>	bdi14	BDI question 14	New to Release 7
<b>Phenotypes</b>	bdi15	BDI question 15	New to Release 7
<b>Phenotypes</b>	bdi16	BDI question 16	New to Release 7
<b>Phenotypes</b>	bdi17	BDI question 17	New to Release 7
<b>Phenotypes</b>	bdi18	BDI question 18	New to Release 7
<b>Phenotypes</b>	bdi19	BDI question 19	New to Release 7
<b>Phenotypes</b>	bdi20	BDI question 20	New to Release 7
<b>Phenotypes</b>	bdi21	BDI question 21	New to Release 7
<b>Phenotypes</b>	bdi_cat	BDI Category	New to Release 7
<b>Phenotypes</b>	form	form used for the data	New to Release 7
<b>Phenotypes</b>	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 )	New to Release 7
<b>Phenotypes</b>	irascore	Irritability Score (Severity of Irritability * Frequency of Irritability) + (Severity of Angry or Aggressive Behaviour * Frequency of Angry or Aggressive Behaviour )	New to Release 7

<b>Phenotypes</b>	psyscore	Psychosis Score (Severity of Delusions/Paranoid Thinking * Frequency of Delusions/Paranoid Thinking) + (Severity of Hallucinations * Frequency of Hallucinations)	New to Release 7
<b>Phenotypes</b>	aptscore	Apathy Score (Severity of Apathy * Frequency of Apathy)	New to Release 7
<b>Phenotypes</b>	exfscore	Executive Function Score (Severity of Perseverative Thinking or Behaviour * Frequency of Obsessive-Compulsive Behaviours) + (Severity of Perseverative Thinking or Behaviour * Frequency of Obsessive-Compulsive Behaviours )	New to Release 7
<b>Phenotypes</b>	pbainfo	Is the informant a relative?	New to Release 7
<b>Phenotypes</b>	pbahshd	Is the informant a household member?	New to Release 7
<b>Phenotypes</b>	pbas1sv	Depressed mood severity	New to Release 7
<b>Phenotypes</b>	pbas1fr	Depressed mood frequency	New to Release 7
<b>Phenotypes</b>	pbas1wo	Depressed mood worst	New to Release 7
<b>Phenotypes</b>	pbas2sv	Suicidal ideation severity	New to Release 7
<b>Phenotypes</b>	pbas2fr	Suicidal ideation frequency	New to Release 7
<b>Phenotypes</b>	pbas2wo	Suicidal ideation worst	New to Release 7
<b>Phenotypes</b>	pbas3sv	Anxiety severity	New to Release 7
<b>Phenotypes</b>	pbas3fr	Anxiety frequency	New to Release 7
<b>Phenotypes</b>	pbas3wo	Anxiety worst	New to Release 7
<b>Phenotypes</b>	pbas4sv	Irritability severity	New to Release 7
<b>Phenotypes</b>	pbas4fr	Irritability frequency	New to Release 7
<b>Phenotypes</b>	pbas4wo	Irritability worst	New to Release 7
<b>Phenotypes</b>	pbas5sv	Angry or aggressive behaviour severity	New to Release 7
<b>Phenotypes</b>	pbas5fr	Angry or aggressive behaviour frequency	New to Release 7
<b>Phenotypes</b>	pbas5wo	Angry or aggressive behaviour worst	New to Release 7
<b>Phenotypes</b>	pbas6sv	Lack of initiative (apathy) severity	New to Release 7
<b>Phenotypes</b>	pbas6fr	Lack of initiative (apathy) frequency	New to Release 7
<b>Phenotypes</b>	pbas6wo	Lack of initiative (apathy) worst	New to Release 7
<b>Phenotypes</b>	pbas7sv	Perseverative thinking or behaviour severity	New to Release 7
<b>Phenotypes</b>	pbas7fr	Perseverative thinking or behaviour frequency	New to Release 7
<b>Phenotypes</b>	pbas7wo	Perseverative thinking or behaviour worst	New to Release 7
<b>Phenotypes</b>	pbas8sv	Obsessive-compulsive behaviours severity	New to Release 7
<b>Phenotypes</b>	pbas8fr	Obsessive-compulsive behaviours frequency	New to Release 7
<b>Phenotypes</b>	pbas8wo	Obsessive-compulsive behaviours worst	New to Release 7
<b>Phenotypes</b>	pbas9sv	Delusions - paranoid thinking severity	New to Release 7
<b>Phenotypes</b>	pbas9fr	Delusions - paranoid thinking frequency	New to Release 7
<b>Phenotypes</b>	pbas9wo	Delusions - paranoid thinking worst	New to Release 7
<b>Phenotypes</b>	pbas10sv	Hallucinations severity	New to Release 7
<b>Phenotypes</b>	pbas10fr	Hallucinations frequency	New to Release 7

<b>Phenotypes</b>	pbas10wo	Hallucinations worst	New to Release 7
<b>Phenotypes</b>	pbas10sm1	Modality of hallucinations - auditory	New to Release 7
<b>Phenotypes</b>	pbas10sm2	Modality of hallucinations - visual	New to Release 7
<b>Phenotypes</b>	pbas10sm3	Modality of hallucinations - tactile	New to Release 7
<b>Phenotypes</b>	pbas10sm4	Modality of hallucinations - olfactory	New to Release 7
<b>Phenotypes</b>	pbas10sm5	Modality of hallucinations - gustatory	New to Release 7
<b>Phenotypes</b>	pbas11sv	Disoriented behaviour severity	New to Release 7
<b>Phenotypes</b>	pbas11fr	Disoriented behaviour frequency	New to Release 7
<b>Phenotypes</b>	pbas11wo	Disoriented behaviour worst	New to Release 7
<b>Phenotypes</b>	uhdrsb_27a	Low self-esteem/Guilt frequency	New to Release 7
<b>Phenotypes</b>	uhdrsb_27b	Low self-esteem/Guilt severity	New to Release 7
<b>Phenotypes</b>	pbax_36a	Does the examiner believe that this has altered the performance on the UHDRS? (custom question in the PREDICT-HD study)	New to Release 7
<b>Phenotypes</b>	uhdrsb_q37	Does the examiner believe that the participant is showing signs of dementia?	New to Release 7
<b>Phenotypes</b>	pbax_37a	Does the examiner believe that this has altered the performance on the UHDRS? (custom question in the PREDICT-HD study)	New to Release 7
<b>Phenotypes</b>	uhdrsb_q38	Does the examiner believe that the participant is showing signs of depression?	New to Release 7
<b>Phenotypes</b>	uhdrsb_q39	In the opinion of the examiner, is a clinical evaluation or follow up warranted for possible pharmacotherapy of depression?	New to Release 7
<b>Phenotypes</b>	uhdrsb_q40	In the opinion of the examiner, is a clinical evaluation or follow up warranted for possible pharmacotherapy of irritability?	New to Release 7
<b>Phenotypes</b>	pbastaff	Examiner code	New to Release 7
<b>Phenotypes</b>	bhs1	BHS Question 1	New to Release 7
<b>Phenotypes</b>	bhs2	BHS Question 2	New to Release 7
<b>Phenotypes</b>	bhs3	BHS Question 3	New to Release 7
<b>Phenotypes</b>	bhs4	BHS Question 4	New to Release 7
<b>Phenotypes</b>	bhs5	BHS Question 5	New to Release 7
<b>Phenotypes</b>	bhs6	BHS Question 6	New to Release 7
<b>Phenotypes</b>	bhs7	BHS Question 7	New to Release 7
<b>Phenotypes</b>	bhs8	BHS Question 8	New to Release 7
<b>Phenotypes</b>	bhs9	BHS Question 9	New to Release 7
<b>Phenotypes</b>	bhs10	BHS Question 10	New to Release 7
<b>Phenotypes</b>	bhs11	BHS Question 11	New to Release 7
<b>Phenotypes</b>	bhs12	BHS Question 12	New to Release 7
<b>Phenotypes</b>	bhs13	BHS Question 13	New to Release 7
<b>Phenotypes</b>	bhs14	BHS Question 14	New to Release 7

<b>Phenotypes</b>	bhs15	BHS Question 15	New to Release 7
<b>Phenotypes</b>	bhs16	BHS Question 16	New to Release 7
<b>Phenotypes</b>	bhs17	BHS Question 17	New to Release 7
<b>Phenotypes</b>	bhs18	BHS Question 18	New to Release 7
<b>Phenotypes</b>	bhs19	BHS Question 19	New to Release 7
<b>Phenotypes</b>	bhs20	BHS Question 20	New to Release 7
<b>Phenotypes</b>	bhs_tot	BHS Total	New to Release 7
<b>Phenotypes</b>	bhs_validans	Number of valid answers	New to Release 7
<b>Phenotypes</b>	bhs_imputed	Does BHS Total contain imputed values	New to Release 7
<b>Phenotypes</b>	pss_totalscore	PSS Total Score	New to Release 7
<b>Phenotypes</b>	pssp1_1	In the last month, how often have you/your child been/was upset because of something that happened unexpectedly?	New to Release 7
<b>Phenotypes</b>	pssp1_2	In the last month, how often have you felt that you were unable to control the important things in your life?	New to Release 7
<b>Phenotypes</b>	pssp1_3	In the last month, how often have you felt/did your child appear nervous and "stressed"?	New to Release 7
<b>Phenotypes</b>	pssp1_4	In the last month, how often have you dealt successfully with day to day problems and annoyances?	New to Release 7
<b>Phenotypes</b>	pssp1_5	In the last month, how often have you felt that you were effectively coping with important changes that were occurring in your life?	New to Release 7
<b>Phenotypes</b>	pssp2_1	In the last month, how often have you felt/your child appear confident about your/his/her ability to handle personal problems?	New to Release 7
<b>Phenotypes</b>	pssp2_2	In the last month, how often have you felt that things were going your way?	New to Release 7
<b>Phenotypes</b>	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?	New to Release 7
<b>Phenotypes</b>	pssp2_4	In the last month, how often have you been/your child seem able to control irritations in your life?	New to Release 7
<b>Phenotypes</b>	pssp2_5	In the last month, how often have you felt that you were on top of things?	New to Release 7
<b>Phenotypes</b>	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?	New to Release 7

<b>Phenotypes</b>	pssp3_2	In the last month, how often have you found yourself thinking about things that you have to accomplish?	New to Release 7
<b>Phenotypes</b>	pssp3_3	In the last month, how often have you been able to control the way you spend your time?	New to Release 7
<b>Phenotypes</b>	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?	New to Release 7
<b>Phenotypes</b>	pss_missingcnt	total number of missing items	New to Release 7
<b>Phenotypes</b>	pss_itemcnt	Number of Items	New to Release 7
<b>Phenotypes</b>	hai1	It bothers me to see someone in a restaurant eating messy food with his fingers.	New to Release 7
<b>Phenotypes</b>	hai2	Seeing a cockroach in someone else's house doesn't bother me.	New to Release 7
<b>Phenotypes</b>	hai3	It bothers me to hear someone clear a throat full of mucous.	New to Release 7
<b>Phenotypes</b>	hai4	I think it is immoral for people to seek sexual pleasure with animals.	New to Release 7
<b>Phenotypes</b>	hai5	It would bother me to be in a science class and to see a human hand preserved in a jar.	New to Release 7
<b>Phenotypes</b>	hai6	I would go out of my way to avoid walking through a graveyard.	New to Release 7
<b>Phenotypes</b>	hai7	I never let any part of my body touch the toilet seat in public restrooms.	New to Release 7
<b>Phenotypes</b>	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.	New to Release 7
<b>Phenotypes</b>	hai9	I might be willing to try eating monkey meat under some circumstances.	New to Release 7
<b>Phenotypes</b>	hai10	It would bother me to see a rat run across my path in a park.	New to Release 7
<b>Phenotypes</b>	hai11	If I see someone vomit, it makes me sick to my stomach.	New to Release 7
<b>Phenotypes</b>	hai12	I think homosexual activities are immoral.	New to Release 7
<b>Phenotypes</b>	hai13	It would not upset me at all to watch a person with a glass eye take the eye out of the socket	New to Release 7
<b>Phenotypes</b>	hai14	It would bother me tremendously to touch a dead body.	New to Release 7
<b>Phenotypes</b>	hai15	I probably would not go to my favorite restaurant if I found out the cook had a cold.	New to Release 7

<b>Phenotypes</b>	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.	New to Release 7
<b>Phenotypes</b>	hai17	You see someone put ketchup on vanilla ice cream and eat it.	New to Release 7
<b>Phenotypes</b>	hai18	You see maggots on a piece of meat in an outdoor garbage pail.	New to Release 7
<b>Phenotypes</b>	hai19	While you are walking through a tunnel under a railroad track, you smell urine.	New to Release 7
<b>Phenotypes</b>	hai20	You hear about a 30-year-old man who seeks sexual relationships with 80-year-old women.	New to Release 7
<b>Phenotypes</b>	hai21	You see someone accidentally stick a fishing hook through his finger.	New to Release 7
<b>Phenotypes</b>	hai22	Your friend's cat dies, and you have to pick up the dead body with your bare hands.	New to Release 7
<b>Phenotypes</b>	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.	New to Release 7
<b>Phenotypes</b>	hai24	A friend of yours offers you a piece of chocolate shaped like dog-doo.	New to Release 7
<b>Phenotypes</b>	hai25	You are about to drink a glass of milk when you smell that it is spoiled.	New to Release 7
<b>Phenotypes</b>	hai26	You are walking barefoot on concrete, and you step on an earthworm.	New to Release 7
<b>Phenotypes</b>	hai27	You see a bowel movement left unflushed in a public toilet.	New to Release 7
<b>Phenotypes</b>	hai28	You hear about an adult woman who has sex with her father.	New to Release 7
<b>Phenotypes</b>	hai29	You see a man with his intestines exposed after an accident.	New to Release 7
<b>Phenotypes</b>	hai30	You accidentally touch the ashes of a person who has been cremated.	New to Release 7
<b>Phenotypes</b>	hai31	You discover that a friend of yours changes underwear only once a week.	New to Release 7
<b>Phenotypes</b>	hai32	As part of a sex education class, you are required to inflate a new unlubricated condom using your mouth.	New to Release 7
<b>Phenotypes</b>	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)	New to Release 7
<b>Phenotypes</b>	hai_cnt	Number of answered questions	New to Release 7

<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_2yn	2. Do thoughts or words ever keep going over and over in your mind? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_2	2. Do thoughts or words ever keep going over and over in your mind? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_3yn	3. Do you have to check things several times? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_3	3. Do you have to check things several times? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_4yn	4. Do you hate dirt and dirty things? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_4	4. Do you hate dirt and dirty things? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_5yn	5. Do you ever feel that if something has been used or touched by someone else it is spoiled for you? Pertinent	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_6yn	6. Do you ever worry about being clean enough? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_6	6. Do you ever worry about being clean enough? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_7yn	7. Are you fussy about keeping your hands clean? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_7	7. Are you fussy about keeping your hands clean? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_8yn	8. When you put things away at night, do they have to be put away just right? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_8	8. When you put things away at night, do they have to be put away just right? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_9yn	9. Do you get angry if other people mess up your desk, room or area? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_9	9. Do you get angry if other people mess up your desk, room or area? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_10yn	10. Do you spend a lot of extra time checking your work to make sure it is just right? Pertinent	New to Release 7



<b>Phenotypes</b>	ley_10	10. Do you spend a lot of extra time checking your work to make sure it is just right? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_11yn	11. Do you ever have to do things over and over a certain number of times before they seem quite right? Pertinent	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_12yn	12. Do you ever have to count several times or go through numbers in your mind? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_12	12. Do you ever have to count several times or go through numbers in your mind? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_13yn	13. Do you ever have trouble finishing your work or chores because you have to do something over and over again? Pertinent	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_15yn	15. Do you have a bad conscience because you have done something, even though no one else thinks it is bad? Pertinent	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_16yn	16. Do you worry a lot if you have done something not exactly the way you like? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_16	16. Do you worry a lot if you have done something not exactly the way you like? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_17yn	17. Do you have trouble making up your mind? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_17	17. Do you have trouble making up your mind? Habit Impact	New to Release 7

<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_19yn	19. Do you move or talk in just a special way to avoid bad luck? Pertinent	New to Release 7
<b>Phenotypes</b>	ley_19	19. Do you move or talk in just a special way to avoid bad luck? Habit Impact	New to Release 7
<b>Phenotypes</b>	ley_20yn	20. Do you have special numbers or words you say, just because it keeps bad luck away or bad things away? Pertinent	New to Release 7
<b>Phenotypes</b>	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	New to Release 7
<b>Phenotypes</b>	ley_yntot	sum of all yesno questions (ley_1yn thru ley_20yn)	New to Release 7
<b>Phenotypes</b>	ley_is	sum of all non interference questions (ley_1 thru ley_20)	New to Release 7
<b>Phenotypes</b>	ley_grp	Leyton group ( High Yes/ Low Interference, High interference, Negatives)	New to Release 7
<b>Phenotypes</b>	ley_answr	Number of valid answers	New to Release 7
<b>Phenotypes</b>	sis01	I feel cheerful	New to Release 7
<b>Phenotypes</b>	sis02	I can sit down and relax quite easily	New to Release 7
<b>Phenotypes</b>	sis03	My appetite is	New to Release 7
<b>Phenotypes</b>	sis04	I lose my temper and shout or snap at others	New to Release 7
<b>Phenotypes</b>	sis05	I feel tense or "wound up"	New to Release 7
<b>Phenotypes</b>	sis06	I feel like harming myself	New to Release 7
<b>Phenotypes</b>	sis07	I have kept up my old interests	New to Release 7
<b>Phenotypes</b>	sis08	I am patient with other people	New to Release 7
<b>Phenotypes</b>	sis09	I get scared or panicky for no very good reason	New to Release 7
<b>Phenotypes</b>	sis10	I get angry with myself or call myself names	New to Release 7
<b>Phenotypes</b>	sis11	I can laugh and feel amused	New to Release 7
<b>Phenotypes</b>	sis12	I feel I might lose control and hit or hurt someone	New to Release 7
<b>Phenotypes</b>	sis13	I have an uncomfortable feeling like butterflies in the stomach	New to Release 7
<b>Phenotypes</b>	sis14	The thought of hurting myself occurs to me	New to Release 7
<b>Phenotypes</b>	sis15	I'm awake before I need to get up	New to Release 7
<b>Phenotypes</b>	sis16	People upset me so that I feel like slamming doors or banging about	New to Release 7

<b>Phenotypes</b>	sis17	I can go out on my own without feeling anxious	New to Release 7
<b>Phenotypes</b>	sis18	Lately I have been getting annoyed with myself	New to Release 7
<b>Phenotypes</b>	sis_depscore	Depression Score (sum of questions 1,2,7,8,11,17)	New to Release 7
<b>Phenotypes</b>	sis_anxscore	Anxiety Score (sum of questions 2,5,9,13,17)	New to Release 7
<b>Phenotypes</b>	sis_inwscore	Inward Irritability Score (sum of questions 6,10,14,18)	New to Release 7
<b>Phenotypes</b>	sis_outscore	Outward Irritability Score (sum of questions 4,8,12,16)	New to Release 7