

First Year Follow-Up Healthy Brain Dataset (HBrain_FU1)

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First Year Follow-Up Healthy Brain Dataset (HBrain_FU1)

1. Design

The Healthy Brain substudy in Health ABC was funded by Ancillary Study #AS05-79, with Catarina Rosano as principal investigator. This substudy was carried out at the Pittsburgh clinic only in participants who had had mobility performance measures in year 10, 11, or 12 (20 meters walk, chair stands, standing balance). Participants included in this study had not been hospitalized for major clinic events in the previous 3 months (fracture, psychiatric problem). In addition to this, subjects were not eligible for this protocol if they had received lithium within the preceding week or had a contraindication for 3 Tesla MRI (questionable history of metallic fragments, cardiac pacemaker, aneurysm clip, cochlear implants, shrapnel, history of metal fragments in eyes or other body parts, neurostimulators, weight of 250 lb or more, or claustrophobia). A total of 325 participants were enrolled in the study, during the latter half of Year 10, Year 11, or early in Year 12. Follow-up substudy visits are planned 1, 2 years, and 3 years after the “baseline” Healthy Brain visit. Ten of these participants received a brain MRI at 1.5 Tesla because they were ineligible for a 3 Tesla exam. A dataset from this group of 1.5 Tesla MRIs will be released separately. All following information pertain to the 314 participants with a 3 Tesla MRI.

2. Sample characteristics

The race and gender breakdown of this substudy is as follows:

	N
African-American males	42
African-American females	85
White males	91
White females	96
Total	314

The breakdown by clinic year in which the baseline Healthy Brain exam was completed is as follows:

	N
Year 10	112
Year 11	201
Year 12	1

3. Data sources

When a measurement was already done in the annual clinic visit corresponding to the participant's first year follow-up Healthy Brain exam, that measurement was used for this dataset. If the measurement was not part of that year's exam, it was administered as part of the Healthy Brain exam. In the case of participants enrolled in the Healthy Brain exam during the Year 10 clinic visit, some measures were added during the Year 11 clinic visit, specifically, ankle-arm blood pressure and the alcohol consumption questionnaire.

To avoid forcing analysts to figure out what data needed to be taken from what dataset, these data have been gathered together in the HBrain_FU1 dataset, even though these are redundant with data in other datasets. Since the variable names from different years had different prefixes, clinic visit-derived variables have been renamed to have a standard prefix of HB1. The variable COHORT (A=Year 10 baseline; B=Year 11 baseline; C=Year 12 baseline) has been included to allow analysts to include other data from the corresponding clinic visit, if desired. It may also be necessary to control for cohort during analysis of some variables

Gaitmat measurements were done in the Pittsburgh clinic in all participants. Information related to the gaitmat measurement can be found in Appendix I.

There were several sets of measurements unique to the Healthy Brain project, including a neurological examination and a Unified Parkinson Disease Rating Scale (UPDRS) – Motor Part (Part III) exam. These variables have a standard suffix of 1 for the first follow-up Healthy Brain exam. Annotated forms for the neurological examination (Appendix II, including calculated variable list) and UPDRS exam (Appendix III) show the variable names for these exams.

As part of the clinic visit in Year 11 for Cohort A and for Cohorts B and C as part of the Healthy Brain exam, a complete medication inventory was done and combined into one dataset. Since these data are in a one-line-per-participant-ingredient format, rather than a one-line-per-participant format, there is a separate HBMIFCOD_FU1 dataset containing the medication data.

4. Dataset structure and contents

The HBrain_FU1 dataset contains a single record per participant in the study.

Key variables:

HABCID

COHORT

The HBMIFCOD_FU1 dataset contains a single record per participant/medication/ ingredient triad.

Key variables:

HABCID

COHORT

INGCODE

5. Special Missing Value Codes

SAS allows for stratification of missing values. The following missing values have been assigned:

. = ‘.: Missing form’
.A = ‘A: Not applicable’
.M=’M: Missing’

Description

. : Missing Form

Used when a value is missing because the entire form has not been entered or the participant does not exist in the database from the corresponding Reading Center.

A: Not Applicable

Used when a value is missing but the value is not required (due to simple skip pattern logic)

M:Missing

Used to flag missing values when the value is required (i.e., true missing values).

6. Dataset index formulation and key variable mapping

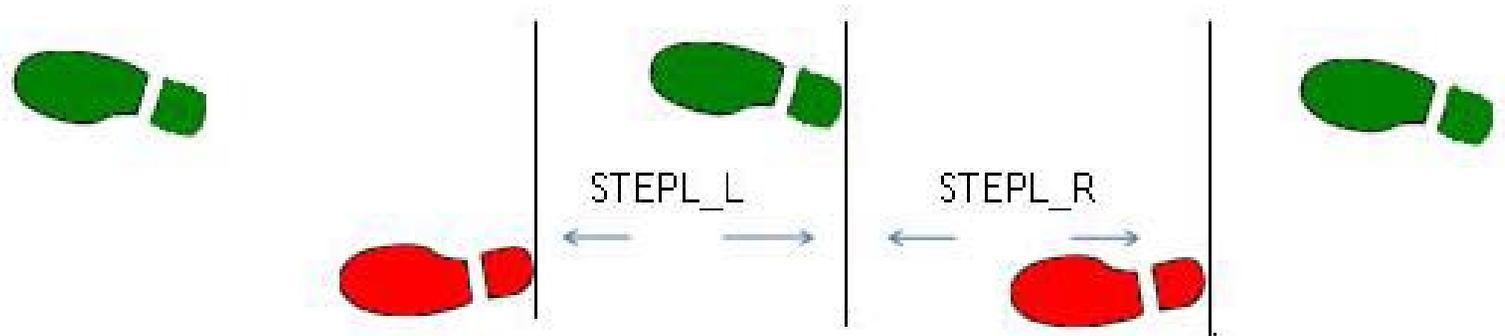
HBrain_FU1 and HBMIFCOD_FU1 are sorted by HABCID which is a unique identifier for each participant. HABCID/INCODE identifies a participant/medication ingredient pair in HBMIFCOD_FU1, but there can be duplicates when two different medications taken by the same participant at the same visit contain the same ingredient.

HABCID/MIFNAME/INGCODE is a unique identifier for each record in HBMIFCOD_FU1. Since other Health ABC dataset are in a one-record-per-participant format, these data can be joined to HBMIFCOD_FU1 by HABCID, taking care to avoid problems caused by a one-to-many merge.

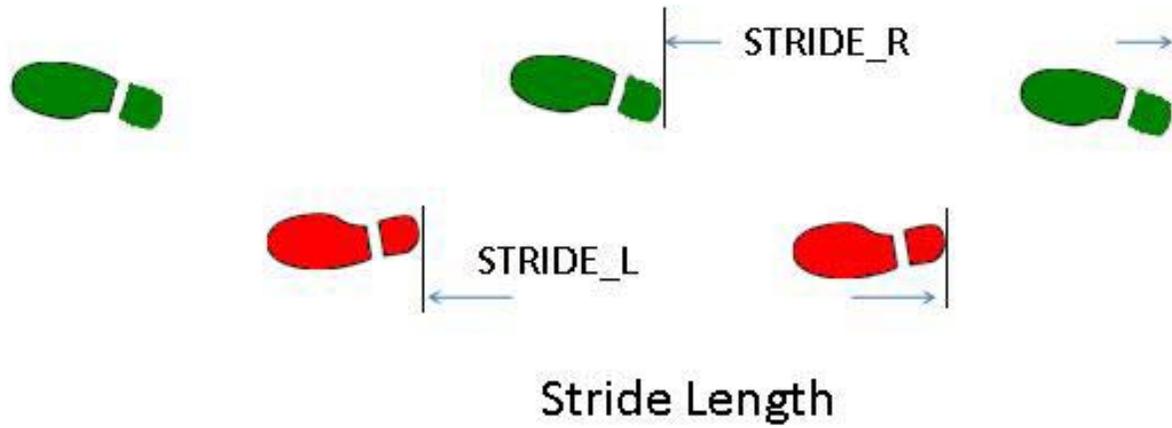
7. General strategies for manipulating and merging the data

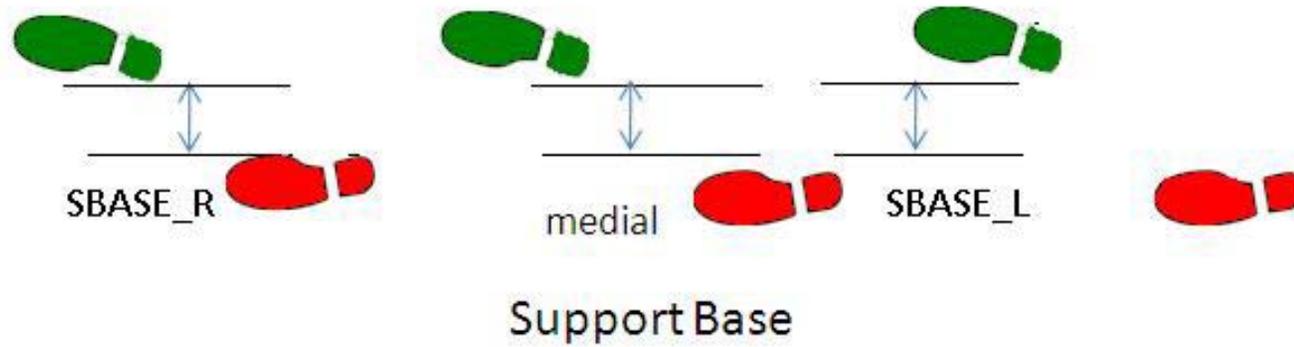
Because the Health ABC datasets are sorted by Health ABC Enrollment ID, the HABCID variable is most useful for merging with other datasets. COHORT will allow the analyst to merge these files with other clinic visit data for the applicable year. These data can also be joined to HBMIFCOD_FU1 by HABCID, taking care to avoid one-to-many merge problems.

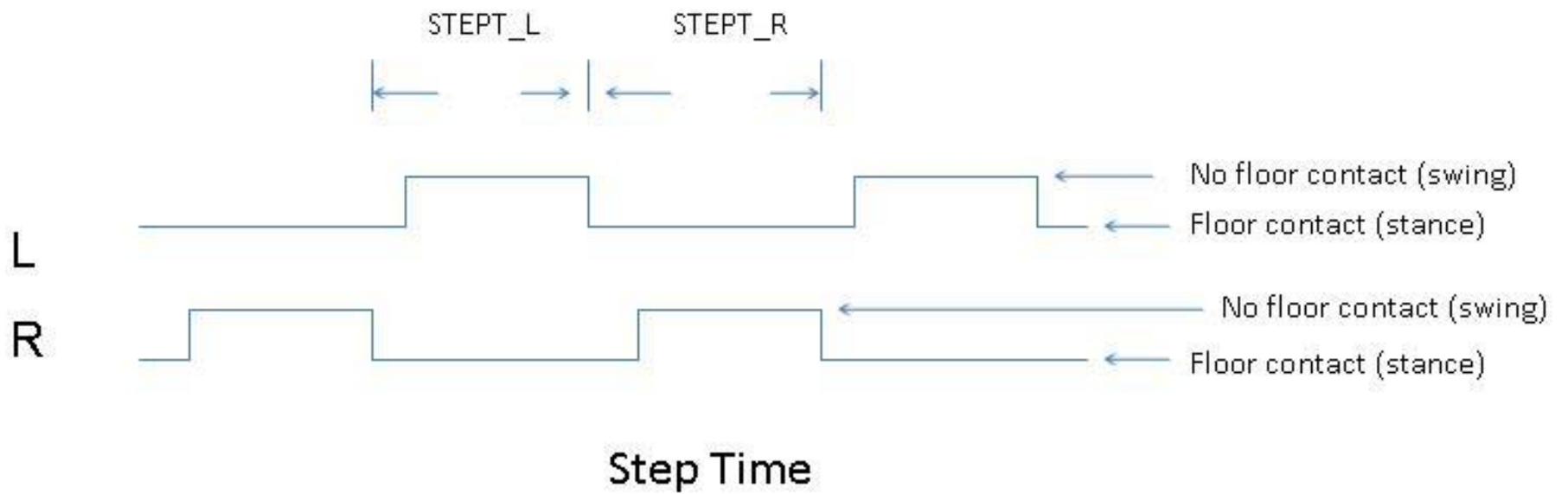
Appendix I Gaitmat Variables

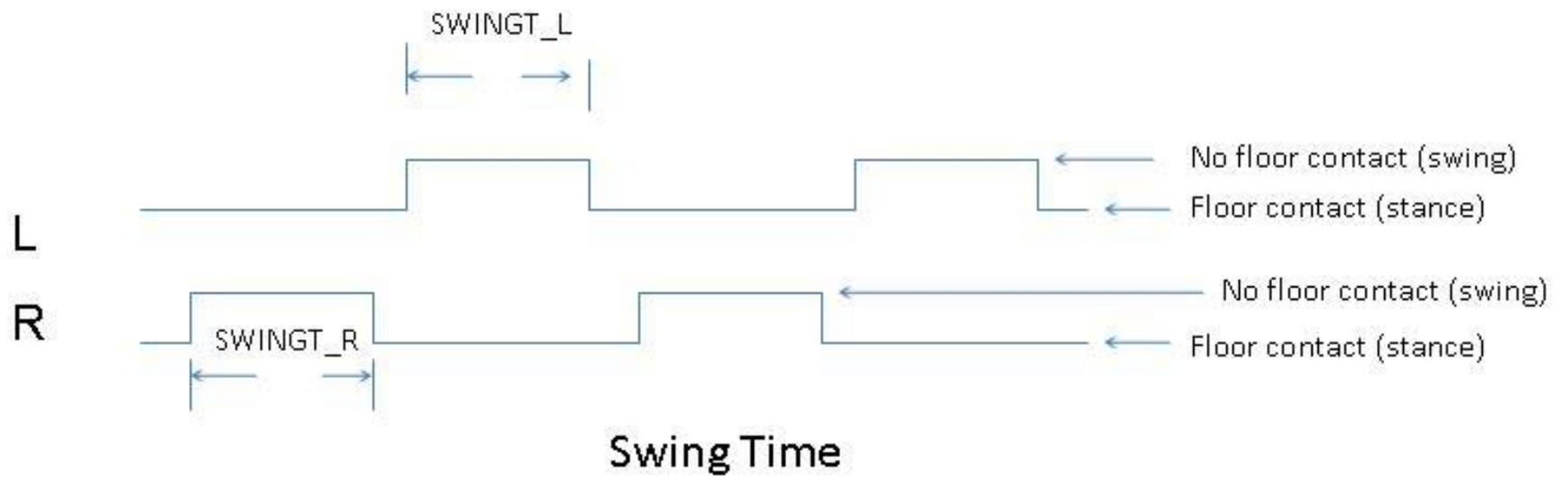


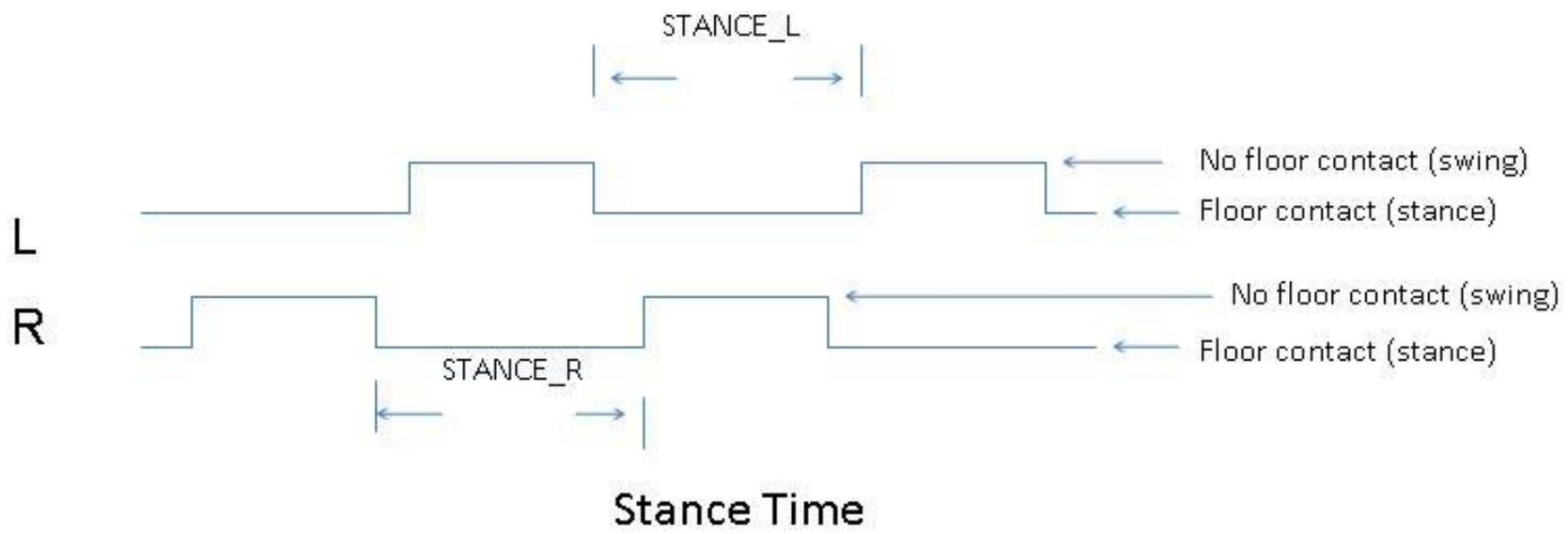
Step Length

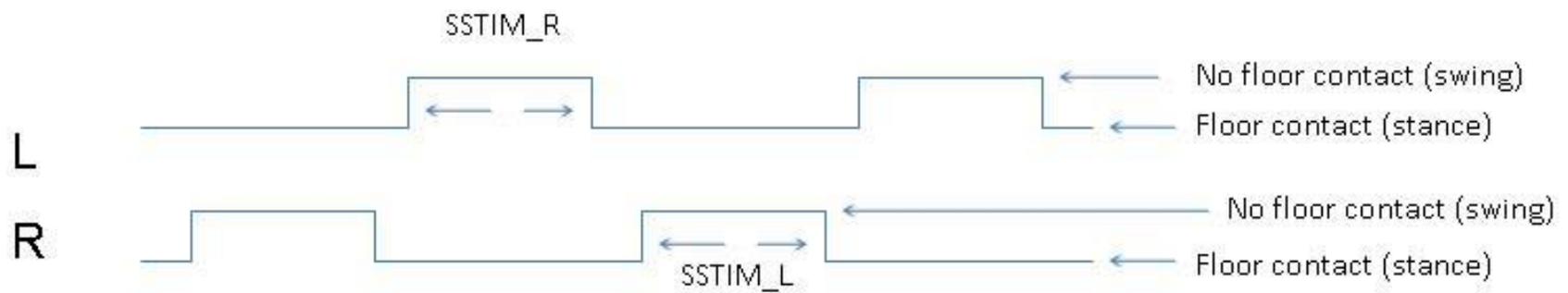




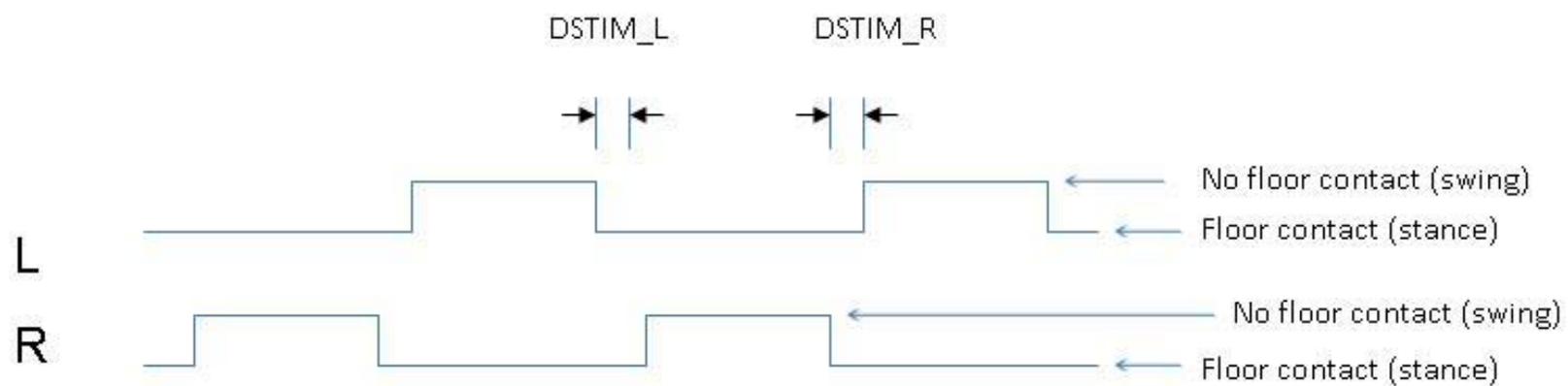








Single Support Time



Double Support Time

Appendix II Gaitmat Variable List

Variable Name	Variable Description	Variable Label	Value Label
HB0DSTim_L	Mean time when the right foot is in contact with the floor and the left heel strikes the floor, to the time the left toe lifts off of the floor, while the right foot is still in contact with the floor.	Mean double support time, left foot	seconds
HB0DSTim_R	Mean time when the left foot is in contact with the floor and the right heel strikes the floor, to the time the right toe lifts off of the floor, while the left foot is still in contact with the floor.	Mean double support time, right foot	seconds
HB0GaitVel	The distance between the first switch closure of the first and last steps divided by the time between the earliest closures of the first and last steps. Formula: V = (last contact distance - first contact distance) / (last contact time - first contact time)	Last-first contact distance/last-first contact time	m/sec
HB0SBase_L	The distance between the innermost switch closure for the left foot to the innermost switch closure of the right foot on the previous step.	Mean base of support (medial boundaries, left foot)	meters
HB0SBase_R	The distance between the innermost switch closure for the right foot to the innermost switch closure of the left foot on the previous step	Mean base of support (medial boundaries), right foot	meters
HB0SSTim_L	Mean time when the right foot is swinging, which is from the time the right toe lifts off of the floor to the time the right heel strikes the floor. The left foot remains in contact with the floor	Mean single support time, left foot (equivalent to HB0SWINGT_R)	seconds
HB0SSTim_R	Mean time when the left foot is swinging which is from the time the left toe lifts off of the floor to the time the left heel strikes the floor. The right foot remains in contact with the floor	Mean single support time, right foot (equivalent to HB0SWINGT_L)	seconds
HB0Stance_L	Mean period when the left foot is in contact with the ground	Mean time left foot is in contact with ground, heel strike to toe lift	seconds

Variable Name	Variable Description	Variable Label	Value Label
HB0Stance_R	Mean time right foot is in contact with ground, heel strike to toe lift	Mean period when the right foot is in contact with the ground	seconds
HB0StepL_L	The mean distance between the first switch closure of right foot to the first switch closure of the left foot. (i.e. the distance traveled by the limb from initial contact of right foot to initial contact of the left foot)	Mean distance between right heel strike and left heel strike	meters
HB0StepL_R	The mean distance between the first switch closure of left foot to the first switch closure of the right foot. (i.e. the distance traveled by the limb from initial contact of left foot to initial contact of the right foot)	Mean distance between left heel strike and right heel strike	meters
HB0StepT_L	Time to complete one left step length	Mean time from right heel strike to left heel strike	seconds
HB0StepT_R	Time to complete one right step length	Mean time from left heel strike to right heel strike	seconds
HB0Stride_L	Mean distance traveled by the limb from initial floor contact of left foot to the next initial floor contact of the left foot	Mean distance between left heel strike and next left heel strike	meters
HB0Stride_R	Mean distance traveled by the limb from initial floor contact of right foot to the next initial floor contact of the right foot	Mean distance between right heel strike and next right heel strike	meters
HB0SwingT_L	Mean period when left toe lifts off the ground to the left heel strike (equivalent to HB0SSTIM_R)	Mean period when the left foot is off the ground	seconds
HB0SwingT_R	Mean period when right toe lifts off the ground to the right heel strike (equivalent to HB0SSTIM_L)	Mean period when the right foot is off the ground	seconds

Appendix III –UPDRS – Motor Part

HABCID				MOP- Healthy Brain Project (HBP)			
Participant Study ID		Acrostic	Date Form Completed			Staff ID #	
			/	/			
		mm	dd	yyyy			

UPDRSDT0 UPDRSTID0

9.8.7. Form



UNIFIED PARKINSON DISEASE RATING SCALE- UPDRS -MOTOR PART (PART III) -

1. Type of contact? Clinic Phone Other

Instructions: All efforts should be made to conduct the motor exam while the subject is in a stable state (e.g., "On" for the entire exam or "Off" for the entire exam). If unstable, re-examine the subject in a stable state if possible.

(Acceptable responses are 0, 1, 2, 3, 4)

1. Speech:

- 0 = Normal.
- 1 = Slight loss of expression, diction and/or volume.
- 2 = Monotone, slurred but understandable; moderately impaired.
- 3 = Marked impairment, difficult to understand.
- 4 = Unintelligible.

1. **SPEECH0**

2. Facial Expression:

- 0 = Normal.
- 1 = Minimal hypomimia, could be normal "Poker Face".
- 2 = Slight but definitely abnormal diminution of facial expression.
- 3 = Moderate hypomimia; lips parted some of the time.
- 4 = Masked or fixed facies with severe or complete loss of facial expression; lips parted 1/4 inch or more.

2. **FACIAL0**

3. Trem or at Rest:

- 0 = Absent.
- 1 = Slight and infrequently present.
- 2 = Mild in amplitude and persistent. Or moderate in amplitude, but only intermittently present.
- 3 = Moderate in amplitude and present most of the time.
- 4 = Marked in amplitude and present most of the time.

- | | | | |
|---------------------|-----|---|------------------|
| 3a. Face, lips+chin | 3a. | <input style="width: 30px; height: 20px;" type="text"/> | FACETRM0 |
| 3b. Right Hand | 3b. | <input style="width: 30px; height: 20px;" type="text"/> | HNDRTRMR0 |
| 3c. Left Hand | 3c. | <input style="width: 30px; height: 20px;" type="text"/> | HNDRTRML0 |
| 3d. Right Foot | 3d. | <input style="width: 30px; height: 20px;" type="text"/> | FTRTRMR0 |
| 3e. Left Foot | 3e. | <input style="width: 30px; height: 20px;" type="text"/> | FTRTRML0 |

4. Action or Postural Tremor of Hands:

- 0 = Absent.
- 1 = Slight; present with action.
- 2 = Moderate in amplitude, present with action.
- 3 = Moderate in amplitude with posture holding as well as action.
- 4 = Marked in amplitude; interferes with feeding. 21a. Right Hand

4a. Right Hand 4a. **HNDATRMRO**
 4b. Left Hand 4b. **HNDATRML0**

5. Rigidity: (Judged on passive movement of major joints with subject relaxed in sitting position. Cogwheeling to be ignored.)

- 0 = Absent.
- 1 = Slight or detectable only when activated by mirror or other movements.
- 2 = Mild to moderate.
- 3 = Marked, but full range of motion easily achieved.
- 4 = Severe, range of motion achieved with difficulty. 22a. Neck

5a. Neck 5a. **RIGNECK0**
 5b. Right arm 5b. **RIGARMR0**
 5c. Left arm 5c. **RIGARML0**
 5d. Right leg 5d. **RIGLEGR0**
 5e. left leg 5e. **RIGLEGL0**

6. Finger Taps: (Subject taps thumb with index finger in rapid succession with widest amplitude possible, each hand separately.)

- 0 = Normal.
- 1 = Mild slowing and/or reduction in amplitude.
- 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement.
- 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement.
- 4 = Can barely perform the task.

6a. Right Hand 6a. **TAPSR0**
 6b. Left Hand 6b. **TAPSL0**

7. Hand Movements: (Subject opens and closes hands in rapid succession with widest amplitude possible, each hand separately.)

- 0 = Normal.
- 1 = Mild slowing and/or reduction in amplitude.
- 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement.
- 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement.
- 4 = Can barely perform the task.

7a. Right Hand 7a. **HNDOCR0**
 7b. Left Hand 7b. **HNDOCL0**

8. Rapid Alternating Movements of Hands: (Pronation-supination movements of hands, vertically or horizontally, with as large an amplitude as possible, both hands simultaneously.)
0 = Normal.

1 = Mild slowing and/or reduction in amplitude.

2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement.

3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement.

4 = Can barely perform the task.

8a. Right Hand 8a. **RAPHNDRO**

8b. Left Hand 8b. **RAPHNDLO**

9. Leg Agility: (Subject taps heel on ground in rapid succession, picking up entire leg. Amplitude should be about 3 inches.)
0 = Normal.

1 = Mild slowing and/or reduction in amplitude.

2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement.

3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement.

4 = Can barely perform the task.

9a. Right Leg 9a. **LEGAGILRO**

9b. Left Leg 9b. **LEGAGILLO**

10. Arising from Chair: (Subject attempts to arise from a straight-back wood or metal chair with arms folded across chest.)

0 = Normal.

1 = Slow; or may need more than one attempt.

2 = Pushes self up from arms of seat.

3 = Tends to fall back and may have to try more than one time, but can get up without help.

4 = Unable to arise without help.

10. **CHAIR0**

11. Posture:

0 = Normal erect.

1 = Not quite erect, slightly stooped posture; could be normal for older person.

2 = Moderately stooped posture, definitely abnormal; can be slightly leaning to one side.

3 = Severely stooped posture with kyphosis; can be moderately leaning to one side.

4 = Marked flexion with extreme abnormality of posture.

11. **POSTURE0**

12. Gait:

0 = Normal.

1 = Walks slowly, may shuffle with short steps, but no festination or propulsion.

2 = Walks with difficulty, but requires little or no assistance; may have some festination, short steps, or propulsion.

3 = Severe disturbance of gait, requiring assistance.

4 = Cannot walk at all, even with assistance.

12. **GAITO**

13. Postural Stability: (Response to sudden posterior displacement produced by pull on shoulders while subject is erect, with eyes open and feet slightly apart. Subject is prepared.)

0 = Normal.

1 = Retropulsion, but recovers unaided.

2 = Absence of postural response; would fall if not caught by examiner.

3 = Very unstable, tends to lose balance spontaneously.

4 = Unable to stand without assistance.

13. **POSSTAB0**

14. **Body Bradykinesia and Hypokinesia:** (Combining slowness, hesitancy, decreased arm swing, small amplitude, and poverty of movement in general.)
0 = None.

14. **BRDYKINO**

- 1 = Minimal slowness, giving movement a deliberate character; could be normal for some persons. Possibly reduced amplitude.
- 2 = Mild degree of slowness and poverty of movement which is definitely abnormal. Alternatively, some reduced amplitude.
- 3 = Moderate slowness, poverty or small amplitude of movement.
- 4 = Marked slowness, poverty or small amplitude of movement.

15. **Indicate the subject's PD state during the examination:**

15. **PDSTATE0**

- 0= Does not apply participant does not have PD
- 1 = Fluctuator - "On" during exam
- 2 = Fluctuator - Fluctuated during the exam
- 3 = Fluctuator - "Off" during exam
- 4 = Non-fluctuator

**UPDRS III SCORE:
Add scores for items 1-15.**

UPDRS_III0

The CONTENTS Procedure

Data Set Name	DFU1.HBRAIN_FU1	Observations	314
Member Type	DATA	Variables	295
Engine	V9	Indexes	0
Created	Wednesday, April 17, 2013 12:35:55 PM	Observation Length	3496
Last Modified	Wednesday, April 17, 2013 12:35:55 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	YES
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	82
First Data Page	4
Max Obs per Page	4
Obs in First Data Page	3
Number of Data Set Repairs	0
Filename	V:\Data Analysis File\Programs\Substudy Programs\HealthyBrain\HB201304Final\hbrain_fu1.sas7bdat
Release Created	9.0202M0
Host Created	XP_PRO

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
1	HABCID	Num	4	11.	11.	HABC ENROLLMENT ID
2	COHORT	Char	1	\$1.	\$50.	Cohort A = Year 10 Baseline; Cohort B = Year 11 Baseline; Cohort C = Year 12 Baseline
3	HB1AASTID	Char	3	\$3.	\$3.	Ankle-Arm BP: Staff ID
4	HB1AABPREASL	Num	8	AABP.		Ankle-Arm BP: Reason not done, left leg
5	HB1AABPREASR	Num	8	AABP.		Ankle-Arm BP: Reason not done, right leg
6	HB1AAIR	Num	8			Ankle-arm index, rt leg
7	HB1AAIL	Num	8			Ankle-arm index, lt leg
8	HB1MINAAI	Num	8			Lowest ankle-arm index
9	HB1LOWAAI	Num	8	LOWAAIF.		Ankle-arm BP: Lower extremity arterial disease index
10	HB1CES_D	Num	8	5.2		CES-D score
11	HB1WTSTID	Char	50	\$50.	\$50.	Weight:Staff ID
12	HB1SH	Num	8			Average standing height (mm)
13	HB1WTK	Num	8			Weight, kg
14	HB1SYSBP	Num	8	4.	4.	Avg sitting systolic BP, mm Hg
15	HB1DIABP	Num	8	4.	4.	Avg sitting diastolic BP, mm Hg
16	HB1CLOX1	Num	8			Clox1 calculated score
17	HB1DSSTID	Char	50	\$50.	\$50.	Digit Symbol Substitution Test Staff ID
18	HB1DSS_COMP	Num	8	11.	11.	DSS:Number completed
19	HB1DSS_INCOR	Num	8	11.	11.	DSS:Number incorrect
20	HB1DSS	Num	8			Digit Symbol Score
21	HB1EXIT15	Num	8			EXIT15 Score (0 to 30, 0 best)
22	HB1EXSTID	Char	50			EXIT15 Examiner Staff ID#
23	HB1StepL_L	Num	8			Gaitmat: Mean distance between right heel strike and left heel strike (m)
24	HB1StepT_L	Num	8			Gaitmat: Mean time from right heel strike to left heel strike (sec)
25	HB1SwingT_L	Num	8			Gaitmat: Mean period when left foot is completely off ground (equivalent to HB0SSTIM_R) (sec)
26	HB1Stance_L	Num	8			Gaitmat: Mean time left foot is in contact with ground, heel strike to toe lift (sec)
27	HB1SSTim_L	Num	8			Gaitmat: Mean single support time, left foot (equivalent to HB0SWINGT_R) (sec)
28	HB1DSTim_L	Num	8			Gaitmat: Mean double support time, left foot (sec)
29	HB1SBase_L	Num	8			Gaitmat: Mean base of support (medial boundaries), left foot (m)

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
30	HB1Stride_L	Num	8			Gaitmat: Mean distance between left heel strike and next left heel strike (m)
31	HB1GaitVel	Num	8			Gaitmat: Mean Last-first contact distance/last-first contact time (m/sec)
32	HB1StepL_R	Num	8			Gaitmat: Mean distance between left heel strike and right heel strike (m)
33	HB1StepT_R	Num	8			Gaitmat: Mean time from left heel strike to right heel strike (sec)
34	HB1SwingT_R	Num	8			Gaitmat: Mean period when right foot is completely off ground (equivalent to HB0SSTIM_L) (sec)
35	HB1Stance_R	Num	8			Gaitmat: Mean time right foot is in contact with ground, heel strike to toe lift (sec)
36	HB1SSTim_R	Num	8			Gaitmat: Mean single support time, right foot (equivalent to HB0SWINGT_L) (sec)
37	HB1DSTim_R	Num	8			Gaitmat: Mean double support time, right foot (sec)
38	HB1SBase_R	Num	8			Gaitmat: Mean base of support (medial boundaries), right foot (m)
39	HB1Stride_R	Num	8			Gaitmat: Mean distance between right heel strike and next right heel strike (m)
40	HB1KCSTID	Char	50	\$50.	\$50.	Kin-Com: Staff ID
41	HB1PKTORQ	Num	8	11.	11.	KinCom: Peak Torque
42	HB1AVTORQ	Num	8	11.	11.	KinCom: Average Torque
43	HB1CSSTID	Char	50	\$50.	\$50.	Chair Stands Staff ID
44	HB1ABLE5CS	Num	8			DID 5 CHAIR STANDS YES=1
45	HB1CHR5PACE	Num	8			CHAIR STANDS PER SECOND
46	HB1CAT5CS	Num	8			EPESE SCORE FOR CHAIR STANDS
47	HB1CSRATIO	Num	8			CHAIR STANDS PERFORMANCE RATIO
48	HB1SBSCORE	Num	8			EPESE SCORE FOR STANDING BALANCE
49	HB1FSBTIME	Num	8			Standing Balance Test Time (0-90)
50	HB1FSBRATIO	Num	8			Standing Balance Time Ratio
51	HB1SIXMWTM	Num	8			Time to walk 6M (sec)
52	HB1UWPACE	Num	8			WALKING SPEED (M/SEC) OVER 3,4, or 6M
53	HB1UWSCR	Num	8			EPESE SCORE FOR WALKING SPEED
54	HB1NWTIME	Num	8			Time to walk a 20cm wide 6M course (sec)
55	HB1NWPACE	Num	8			Walking speed for narrow walk 6M (m/sec)
56	HB1NWSCORE	Num	8			EPESE CATEGORY FOR NARROW WALK

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
57	HB1NWSCOREQ	Num	8			% DIFF BTW NARROW & USUAL WALKS
58	HB1TMMSTID	Char	50	\$50.	\$50.	Teng Mini-Mental State Exam Staff ID
59	HB1MMMSCORE	Num	8	11.	11.	Teng 3MS score
60	HB1VISDT	Num	8	DATETIME19.	DATETIME19.	Interview Date
61	HB1INTSTID	Char	50	\$50.	\$50.	Interview Staff ID
62	HB1ESQUAL	Num	8	STAT9AX.	2.	At present, how is your eyesight?
63	HB1DA12MO	Num	8	ALCOHOLA.	3.	Drinks per week during past 12 mos
64	HB1MORE	Num	8	YNDK.	2.	Did you ever drink more than now
65	HB1DA5XDA	Num	8	YNDK.	2.	Ever drink >= 5 drinks every day
66	HB1DA5X12	Num	8	YNDK.	2.	Past 12 mos, >= 5 drinks/day
67	HB1DIAB	Num	8	YNDK.		Diabetic as of HBrain Follow-Up 1 visit?
68	HB1DARND	Num	8	ALCOHOLB.	2.	Primary reason for not drinking
69	NEUSTATUS1	Char	17			Neuro Exam: Status of 1st Follow-Up neuro exam
70	CRANVCOM1	Char	50	50.	\$69.	Neuro Exam: 6. Any comment
71	ARMSCOMM1	Char	50	\$50.	\$50.	Neuro Exam: 2.1 Arms Comments
72	LEGSCOMM1	Char	50	\$50.	\$50.	Neuro Exam: 2.2 Legs Comments
73	OTHRDRCOM1	Char	50	\$50.	\$50.	Neuro Exam: 3. Comments for Other Deep Reflexes section
74	OTHRAMCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Abnormal Movements section
75	TOUCHCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Touch section
76	PINCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Pin/Prick section
77	VIBCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Vibration section
78	POSITCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Sense of Position section
79	STEREOCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Stereognosis section
80	GRAPHCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Graphesthesia section
81	HLKNEECOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Heel to Knee section
82	HLSHINCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Heel to Shin section
83	FINGNOCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Finger to Nose section
84	HANDMOVCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Hand Movements section
85	ROMBCOM1	Char	50	\$50.	\$50.	Neuro Exam: Comments for Romberg Test section
86	NEURODT1	Num	8	DATETIME19.	DATETIME19.	Neuro Exam: Date Form Completed
87	NESTID1	Char	50	\$50.	\$50.	Staff ID# for Neurological Exam

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
88	VISNEGR1	Num	8	YNDK.	11.	Neuro Exam: 1.1 Right: Visual Neglect: (1 = Yes, 0 = No, 99 = Unable to obtain)
89	VISNEGL1	Num	8	YNDK.	11.	Neuro Exam: 1.1 Left: Visual Neglect: (1 = Yes, 0 = No, 99 = Unable to obtain)
90	ABNMOVR1	Num	8	YNDK.	11.	Neuro Exam: 1.2 Right: Abnormal Movement (1 = Yes, 0 = No, 99 = Unable to obtain)
91	ABNMOVL1	Num	8	YNDK.	11.	Neuro Exam: 1.2 Left: Abnormal Movement (1 = Yes, 0 = No, 99 = Unable to obtain)
92	VISDISTUR1	Num	8	YNDK.	11.	Neuro Exam: 1.3 Any other visual disturbance? (1 = Yes, 0 = No, 99 = Unable to obtain)
93	FACNV_VIII1	Num	8	YNDK.	11.	Neuro Exam: 2. Facial Nerve VII: If one side of the face looks difference from the other, check YES (1 = Yes, 0 = No, 99 = Unable to obtain)
94	CRANV_IXX1	Num	8	YNDK.	11.	Neuro Exam: 3. Cranial Nerves IX and X: If asymmetries of the soft palate (1 = Yes, 0 = No, 99 = Unable to obtain)
95	CRANV_XIII1	Num	8	YNDK.	11.	Neuro Exam: 4. Cranial Nerves XII: Lateral deviations of the tongue (1 = Yes, 0 = No, 99 = Unable to obtain)
96	CRANDYS1	Num	8	YNDK.	11.	Neuro Exam: 5. Cranial Nerves Dysfunction: Is there any abnormality in VII, IX, X, or XII? (1 = Yes, 0 = No, 99 = Unable to obtain)
97	PLANTRR1	Num	8	TOES.	11.	Neuro Exam: 1.1 Right: Plantar Reflex ... (1 = Toes back, 2 = Toes down, 99 = Unable to obtain, 4 = Unclear)
98	PLANTRL1	Num	8	TOES.	11.	Neuro Exam: 1.1 Left: Plantar Reflex ... (1 = Toes back, 2 = Toes down, 99 = Unable to obtain, 4 = Unclear)
99	HOFFMANR1	Num	8	YNDK.	11.	Neuro Exam: 1.2 Right: Hoffman Reflex ... (1 = Yes, 0 = No, 99 = Unable to obtain, 4 = Unclear)
100	HOFFMANL1	Num	8	YNDK.	11.	Neuro Exam: 1.2 Left: Hoffman Reflex ... (1 = Yes, 0 = No, 99 = Unable to obtain, 4 = Unclear)
101	GRASPR1	Num	8	YNDK.	11.	Neuro Exam: 2.1 Right: Grasp reflex ... (1 = Yes, 0 = No, 99 = Unable to obtain)
102	GRASPL1	Num	8	YNDK.	11.	Neuro Exam: 2.1 Left: Grasp reflex ... (1 = Yes, 0 = No, 99 = Unable to obtain)
103	PALMOR1	Num	8	YNDK.	11.	Neuro Exam: 2.2 Right: Palmomentary Reflex ... (1 = Yes, 0 = No, 99 = Unable to obtain)
104	PALMOL1	Num	8	YNDK.	11.	Neuro Exam: 2.2 Left: Palmomentary Reflex ... (1 = Yes, 0 = No, 99 = Unable to obtain)
105	GLABEL1	Num	8	YNDK.	11.	Neuro Exam: 2.3 Glabellar Reflex ... (1 = Yes, 0 = No, 3 = Unable to obtain)
106	SNOUT1	Num	8	YNDK.	11.	Neuro Exam: 2.4 Snout Reflex ... (1 = Yes, 0 = No, 3 = Unable to obtain)
107	BICEPSR1	Num	8	NORMABX.	11.	Neuro Exam: 3a. Right: Biceps (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
108	BICEPSL1	Num	8	NORMABX.	11.	Neuro Exam: 3a. Left: Biceps (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
109	TRICEPSR1	Num	8	NORMABX.	11.	Neuro Exam: 3b. Right: Triceps (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
110	TRICEPSL1	Num	8	NORMABX.	11.	Neuro Exam: 3b. Left: Triceps (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
111	BRACHIOR1	Num	8	NORMABX.	11.	Neuro Exam: 3c. Right: Brachioradialis (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
112	BRACHIOL1	Num	8	NORMABX.	11.	Neuro Exam: 3c. Left: Brachioradialis (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
113	PATELLAR1	Num	8	NORMABX.	11.	Neuro Exam: 3d. Right: Patella (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
114	PATELLAL1	Num	8	NORMABX.	11.	Neuro Exam: 3d. Left: Patella (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
115	ACHILLER1	Num	8	NORMABX.	11.	Neuro Exam: 3e. Right: Achilles (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
116	ACHILLEL1	Num	8	NORMABX.	11.	Neuro Exam: 3e. Left: Achilles (1 = Normal, 2 = Absent, 3 = Diminished, 4 = Increased, 5 = N/A)
117	ARMSR1	Num	8	NORMAB.	11.	Neuro Exam: 2.1 Right: Arms ... (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
118	ARMSL1	Num	8	NORMAB.	11.	Neuro Exam: 2.1 Left: Arms ... (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
119	LEGSR1	Num	8	NORMAB.	11.	Neuro Exam: 2.2 Right: Legs ... (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
120	LEGSL1	Num	8	NORMAB.	11.	Neuro Exam: 2.2 Left: Legs ... (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
121	COGLEGR1	Num	8	PRESAB.	11.	Neuro Exam: 2a Right: Cogwheeling Leg ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
122	COGLEGL1	Num	8	PRESAB.	11.	Neuro Exam: 2a Left: Cogwheeling Leg ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
123	COGARMR1	Num	8	PRESAB.	11.	Neuro Exam: 2b Right: Cogwheeling Arm ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
124	COGARML1	Num	8	PRESAB.	11.	Neuro Exam: 2b Left: Cogwheeling Arm ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
125	SPASLEGR1	Num	8	PRESAB.	11.	Neuro Exam: 2c Right: Spasticity Leg ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
126	SPASLEGL1	Num	8	PRESAB.	11.	Neuro Exam: 2c Left: Spasticity Leg ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
127	SPASARMR1	Num	8	PRESAB.	11.	Neuro Exam: 2d Right: Spasticity Arm ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
128	SPASARML1	Num	8	PRESAB.	11.	Neuro Exam: 2d Left: Spasticity Arm ... (1 = Present, 2 = Absent, 99 = Unable to obtain)

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
129	MYOCLEGR1	Num	8	PRESAB.	11.	Neuro Exam: 2g Right: Myoclonus Leg ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
130	MYOCLEGL1	Num	8	PRESAB.	11.	Neuro Exam: 2g Left: Myoclonus Leg ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
131	MYOCARMR1	Num	8	PRESAB.	11.	Neuro Exam: 2h Right: Myoclonus Arm ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
132	MYOCARML1	Num	8	PRESAB.	11.	Neuro Exam: 2h Left: Myoclonus Arm ... (1 = Present, 2 = Absent, 99 = Unable to obtain)
133	F431_T1R1	Num	8	NORMAB.	11.	Neuro Exam: 1a Right: Filament 4.31, Trial 1 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
134	F431_T1L1	Num	8	NORMAB.	11.	Neuro Exam: 1a Left: Filament 4.31, Trial 1 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
135	F431_T2R1	Num	8	NORMAB.	11.	Neuro Exam: 1b Right: Filament 4.31, Trial 2 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
136	F431_T2L1	Num	8	NORMAB.	11.	Neuro Exam: 1b Left: Filament 4.31, Trial 2 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
137	F432_T1R1	Num	8	NORMAB.	11.	Neuro Exam: 1c Right: Filament 4.32, Trial 1 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
138	F432_T1L1	Num	8	NORMAB.	11.	Neuro Exam: 1c Left: Filament 4.32, Trial 1 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
139	F432_T2R1	Num	8	NORMAB.	11.	Neuro Exam: 1d Right: Filament 4.32, Trial 2 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
140	F432_T2L1	Num	8	NORMAB.	11.	Neuro Exam: 1d Left: Filament 4.32, Trial 2 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
141	PIN_T1R1	Num	8	NORMAB.	11.	Neuro Exam: 2a Right: Pin/Prick Trial 1 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
142	PIN_T1L1	Num	8	NORMAB.	11.	Neuro Exam: 2a Left: Pin/Prick Trial 1 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
143	PIN_T2R1	Num	8	NORMAB.	11.	Neuro Exam: 2b Right: Pin/Prick Trial 2 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
144	PIN_T2L1	Num	8	NORMAB.	11.	Neuro Exam: 2b Left: Pin/Prick Trial 2 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
145	VIBFINR1	Num	8	NORMAB.	11.	Neuro Exam: 3a Right: Vibration Index Finger (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
146	VIBFINL1	Num	8	NORMAB.	11.	Neuro Exam: 3a Left: Vibration Index Finger (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
147	VIBTOER1	Num	8	NORMAB.	11.	Neuro Exam: 3b Right: Vibration Big Toe (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
148	VIBTOEL1	Num	8	NORMAB.	11.	Neuro Exam: 3b Left: Vibration Big Toe (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
149	POSIT10R1	Num	8	NORMAB.	11.	Neuro Exam: 4a Right: Position -10 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
150	POSIT10L1	Num	8	NORMAB.	11.	Neuro Exam: 4a Left: Position -10 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
151	POSIT20R1	Num	8	NORMAB.	11.	Neuro Exam: 4b Right: Position -20 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
152	POSIT20L1	Num	8	NORMAB.	11.	Neuro Exam: 4b Left: Position -20 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
153	POSIT30R1	Num	8	NORMAB.	11.	Neuro Exam: 4c Right: Position -30 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
154	POSIT30L1	Num	8	NORMAB.	11.	Neuro Exam: 4c Left: Position -30 (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
155	STEREO1	Num	8	OBJECT.	11.	Neuro Exam: 5. Stereognosis (1 = 1 object, 2 = 2 objects, 3 = 3 objects, 4 = 4 objects, 99 = Unable to obtain)
156	GRAPHNOR1	Num	8	SYMBOL.	11.	Neuro Exam: 6a. Right: Number of symbols recognized (1 = 1 symbol, 2 = 2 symbols, 3 = 3 symbols, 97 = No symbols recognized, 99 = Unable to obtain)
157	GRAPHNOL1	Num	8	SYMBOL.	11.	Neuro Exam: 6b. Left: Number of symbols recognized (1 = 1 symbol, 2 = 2 symbols, 3 = 3 symbols, 97 = No symbols recognized, 99 = Unable to obtain)
158	HLKNEER1	Num	8	NORMAB.	11.	Neuro Exam: 1. Right: Heel to Knee (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
159	HLKNEEL1	Num	8	NORMAB.	11.	Neuro Exam: 1. Left: Heel to Knee (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
160	HLSHINR1	Num	8	NORMAB.	11.	Neuro Exam: 2. Right: Heel to Shin (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
161	HLSHINL1	Num	8	NORMAB.	11.	Neuro Exam: 2. Left: Heel to Shin (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
162	FINGNOR1	Num	8	NORMAB.	11.	Neuro Exam: 3. Right: Finger to Nose (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
163	FINGNOL1	Num	8	NORMAB.	11.	Neuro Exam: 3. Left: Finger to Nose (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
164	HANDMOVR1	Num	8	NORMAB.	11.	Neuro Exam: 4. Right: Hand Movements (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
165	HANDMOVL1	Num	8	NORMAB.	11.	Neuro Exam: 4. Left: Hand Movements (1 = Abnormal, 2 = Normal, 99 = Unable to obtain)
166	ROMBOPEN1	Num	8	YNDK.	11.	Neuro Exam: 5. Eyes Open: Hold balance (1 = Yes, 0 = No, 99 = Unable to obtain)
167	ROMBCLOS1	Num	8	YNDK.	11.	Neuro Exam: 5. Eyes Closed: Hold balance (1 = Yes, 0 = No, 99 = Unable to obtain)
168	ABMOVERL1	Num	8	YNDK.		Neuro Exam: Any Abnormal Eye Movements

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
169	CRANVRL1	Num	8	YNDK.		Neuro Exam: Paresis of Cranial Nerves VII, IX, or XII
170	ARMSPRL1	Num	8	YNDK.		Neuro Exam: Paresis of Upper Extremity
171	LEGSPL1	Num	8	YNDK.		Neuro Exam: Paresis of Lower Extremity
172	ARMSARL1	Num	8	YNDK.		Neuro Exam: Asymmetry in Muscle Strength of Shoulder Abduction
173	LEGSARL1	Num	8	YNDK.		Neuro Exam: Asymmetry in Muscle Strength of Hip Flexion
174	FINGNORL1	Num	8	YNDK.		Neuro Exam: Dysmetria of Upper Extremity
175	HLSHINRL1	Num	8	YNDK.		Neuro Exam: Dysmetria of Lower Extremity
176	HLKNEERL1	Num	8	YNDK.		Neuro Exam: Impaired Motor Coordination - Heel / Knee
177	HANDMOVRL1	Num	8	YNDK.		Neuro Exam: Impaired Motor Coordination - Pronation / Supination
178	ABTOUCHR1	Num	8	NORMAB.		Neuro Exam: Abnormal Touch Sensitivity - Right
179	ABTOUCHL1	Num	8	NORMAB.		Neuro Exam: Abnormal Touch Sensitivity - Left
180	ABTOUCHRL1	Num	8	YNDK.		Neuro Exam: Abnormal Touch Sensitivity - Both
181	ABVIBFINRL1	Num	8	YNDK.		Neuro Exam: Abnormal Vibration Sensitivity - Upper Extremity
182	ABVIBTOERL1	Num	8	YNDK.		Neuro Exam: Abnormal Vibration Sensitivity - Lower Extremity
183	ABPOSR1	Num	8	NORMAB.		Neuro Exam: Abnormal Sense of Position - Right Ankle
184	ABPOSL1	Num	8	NORMAB.		Neuro Exam: Abnormal Sense of Position - Left Ankle
185	ABPOSRL1	Num	8	YNDK.		Neuro Exam: Abnormal Sense of Position - Both Ankles
186	STEREO_HND1	Num	8	YNDK.		Neuro Exam: Stereognosis - Hands and Palms
187	STEREO_FT1	Num	8	YNDK.		Neuro Exam: Stereognosis - Feet
188	BICEPSARL1	Num	8	NORMABX.		Neuro Exam: Bicipital DTR [1=Normal,2=Absent,3=Diminished,4=Increased]
189	PATELDRL1	Num	8	NORMABX.		Neuro Exam: Patellar DTR [1=Normal,2=Absent,3=Diminished,4=Increased]
190	ACHILRL1	Num	8	NORMABX.		Neuro Exam: Achilles DTR [1=Normal,2=Absent,3=Diminished,4=Increased]
191	HOFFMNRL1	Num	8	YNDK.		Neuro Exam: Pathological Reflexes - Hoffman
192	PLNTRRL1	Num	8	YNDK.		Neuro Exam: Pathological Reflexes - Babinski
193	GRASPRL1	Num	8	YNDK.		Neuro Exam: Primitive Reflexes - Grasp
194	PALMRL1	Num	8	YNDK.		Neuro Exam: Primitive Reflexes - Palmmental
195	ANYPRIMREF1	Num	8	YNDK.		Neuro Exam: Primitive Reflexes - Any
196	ROMBOC1	Num	8	YNDK.		Neuro Exam: Romberg Test [Held Balance < 30 sec]
197	UPDSTATUS1	Char	17			UPDRS: Status of 1st Follow-Up UPDRS

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
198	FU1_DATE	Num	8	MMDDYY10.		Date of 1st Follow-Up Visit from Baseline
199	UPDRSDT1	Num	8	DATETIME19.	DATETIME19.	Date UPDRS Form Completed
200	UPDRSTID1	Char	50	\$50.	\$50.	UPDRS Examiner Staff ID#
201	SPEECH1	Num	8	SPEECH.	11.	UPDRS. Speech: (0 = Normal, 1 = Slight loss, 2 = Monotone, 3 = Marked impairment, 4 = Unintelligible)
202	FACIAL1	Num	8	FACE.	11.	UPDRS. Facial Expression: (0 = Normal, 1 = Minimal, 2 = Slight, 3 = Moderate, 4 = Masked or fixed)
203	FACETRM1	Num	8	ASMMM.	11.	UPDRS. Tremor at Rest: Face, Lips, and Chin (0 = Absent, 1 = Slight, 2 = Mild, 3 = Moderate, 4 = Marked)
204	HNRTRMR1	Num	8	ASMMM.	11.	UPDRS. Tremor at Rest: Right Hand (0 = Absent, 1 = Slight, 2 = Mild, 3 = Moderate, 4 = Marked)
205	HNRTRML1	Num	8	ASMMM.	11.	UPDRS. Tremor at Rest: Left Hand (0 = Absent, 1 = Slight, 2 = Mild, 3 = Moderate, 4 = Marked)
206	FTRTRMR1	Num	8	ASMMM.	11.	UPDRS. Tremor at Rest: Right Foot (0 = Absent, 1 = Slight, 2 = Mild, 3 = Moderate, 4 = Marked)
207	FTRTRML1	Num	8	ASMMM.	11.	UPDRS. Tremor at Rest: Left Foot (0 = Absent, 1 = Slight, 2 = Mild, 3 = Moderate, 4 = Marked)
208	HNDATRMR1	Num	8	ASMMMX.	11.	UPDRS. Action or Postural Tremor of Hands: Right Hand (0 = Absent, 1 = Slight, 2 = Moderate w/action, 3 = Moderate w/holding, 4 = Marked)
209	HNDATRML1	Num	8	ASMMMX.	11.	UPDRS. Action or Postural Tremor of Hands: Left Hand (0 = Absent, 1 = Slight, 2 = Moderate w/action, 3 = Moderate w/holding, 4 = Marked)
210	RIGNECK1	Num	8	ASMMS.	11.	UPDRS. Rigidity: Neck (0 = Absent, 1 = Slight, 2 = Mild, 3 = Marked, 4 = Severe)
211	RIGARMR1	Num	8	ASMMS.	11.	UPDRS. Rigidity: Right Arm (0 = Absent, 1 = Slight, 2 = Mild, 3 = Marked, 4 = Severe)
212	RIGARML1	Num	8	ASMMS.	11.	UPDRS. Rigidity: Left Arm (0 = Absent, 1 = Slight, 2 = Mild, 3 = Marked, 4 = Severe)
213	RIGLEGR1	Num	8	ASMMS.	11.	UPDRS. Rigidity: Right Leg (0 = Absent, 1 = Slight, 2 = Mild, 3 = Marked, 4 = Severe)
214	RIGLEGL1	Num	8	ASMMS.	11.	UPDRS. Rigidity: Left Leg (0 = Absent, 1 = Slight, 2 = Mild, 3 = Marked, 4 = Severe)
215	TAPSR1	Num	8	NMMSB.	11.	UPDRS. Finger Taps: Right Hand (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
216	TAPSL1	Num	8	NMMSB.	11.	UPDRS. Finger Taps: Left Hand (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
217	HNDOCR1	Num	8	NMMSB.	11.	UPDRS. Hand Movements: Right Hand (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
218	HNDOCL1	Num	8	NMMSB.	11.	UPDRS. Hand Movements: Left Hand (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
219	RAPHNDR1	Num	8	NMMSB.	11.	UPDRS. Rapid Alternating Movements of Hands: Right Hand (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
220	RAPHNDL1	Num	8	NMMSB.	11.	UPDRS. Rapid Alternating Movements of Hands: Left Hand (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
221	LEGAGILR1	Num	8	NMMSB.	11.	UPDRS. Leg Agility: Right Leg (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
222	LEGAGILL1	Num	8	NMMSB.	11.	UPDRS. Leg Agility: Left Leg (0 = Normal, 1 = Mild, 2 = Moderate, 3 = Severe, 4 = Barely performed)
223	CHAIR1	Num	8	11.	11.	UPDRS. Arising from Chair: (0 = Normal, 1 = Slow, 2 = Pushes self, 3 = Tends to fall back, 4 = Unable to rise without help)
224	POSTURE1	Num	8	11.	11.	UPDRS. Posture: (0 = Normal, 1 = Not quite, 2 = Moderately stopped, 3 = Severely stopped, 4 = Marked flexion)
225	GAIT1	Num	8	11.	11.	UPDRS. Gait: (0 = Normal, 1 = Walks slowly, 2 = Walks with difficulty, 3 = Severe gait disturbance, 4 = Cannot walk at all)
226	POSSTAB1	Num	8	11.	11.	UPDRS. Postural Stability: (0 = Normal, 1 = Retropulsion, 2 = Absence of postural response, 3 = Very unstable, 4 = Unable to stand without assistance)
227	BRDYKIN1	Num	8	11.	11.	UPDRS. Body bradykinesia and Hypokinesia; (0 = None, 1 = Minimal slowness, 2 = Mild degree, 3 = Moderate slowness, 4 = Marked slowness)
228	PDSTATE1	Num	8	11.	11.	UPDRS. Indicate the ppts PD state during exam: (0 = No PD, 1 = Fluctuator ON, 2 = Fluctuated during exam, 3 = Fluctuator OFF, 4 = Non-Fluctuator)
229	UPDRS_III1	Num	8			UPDRS III Score
230	HB1JPQID	Char	50	\$50.	\$50.	Joint Pain Ques. Staff ID - the person completing the form
231	HB1QKP30D	Num	8	11.	11.	Q 1. Have you ever had pain lasting at least one month in or around either knee? (1=Yes, 2=No, 8=Don't know, 7=Refused)
232	HB1QKP12M	Num	8	11.	11.	Q 1a. In the past 12 months, have you had knee pain lasting at least one month? (1=Yes, 0=No)
233	HB1QKPBK	Num	8	11.	11.	Q 1b. In the past 12 months. have you had this pain in the left knee, right knee, or both knees? (1=Left knee only, 2=Right Knee only, 3= Both Left and right knee)
234	HB1QLK12M	Num	8	11.	11.	Q 2. In the past 12 months, how severe was the pain in your left knee usually? (1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't know)
235	HB1QLKFS	Num	8	11.	11.	Q 2a). Left Knee pain while walking on a flat surface (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
236	HB1QLKST	Num	8	11.	11.	Q 2b). Left Knee pain while going up or down stairs (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
237	HB1QLKBD	Num	8	11.	11.	Q 2c). Left Knee pain at night while in bed (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
238	HB1QLKUP	Num	8	11.	11.	Q 2d). Left Knee pain while standing up (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
239	HB1QLKCH	Num	8	11.	11.	Q 2e). Left Knee pain while getting in or out of a chair (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
240	HB1QLKIN	Num	8	11.	11.	Q 2f). Left Knee pain while getting in or out of a car (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
241	HB1QRK12M	Num	8	11.	11.	Q 3. In the past 12 months, how severe was the pain in your left knee usually? (1=Mild, 2=Moderat
242	HB1QRKFS	Num	8	11.	11.	Q 3a). Right Knee pain while walking on a flat surface (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
243	HB1QRKST	Num	8	11.	11.	Q 3b). Right Knee pain while going up or down stairs (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
244	HB1QRKBD	Num	8	11.	11.	Q 3c). Right Knee pain at night while in bed (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
245	HB1QRKUP	Num	8	11.	11.	Q 3d). Right Knee pain while standing upright (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
246	HB1QRKCH	Num	8	11.	11.	Q 3e). Right Knee pain while getting in or out of a chair (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
247	HB1QRKIN	Num	8	11.	11.	Q 3f). Right Knee pain while getting in or out of a car (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
248	HB1QHP30D	Num	8	11.	11.	Q 4. Have you ever had pain lasting at least one month in or around either side of your hip? (1=Yes, 0=No, 8=Don't know, 7=Refused)
249	HB1QHP12M	Num	8	11.	11.	Q 4a. In the past 12 months, have you had hip pain asting at least one months? (1=Yes, 2=No)
250	HB1QHPBH	Num	8	11.	11.	Q 4b. In the past 12 months, have you had this pain in the left hip, right hip, or both hips? (1=Left hip only, 2=Right hip only, 3=Both left and right hip)
251	HB1QLH12M	Num	8	11.	11.	Q 5. In the past 12 months, how severe was the pain in your left hip usually? (1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't know)
252	HB1QLHFS	Num	8	11.	11.	Q 5a). Left Hip pain while walking on a flat surface (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
253	HB1QLHST	Num	8	11.	11.	Q 5b). Left Hip pain while going up or down stairs (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
254	HB1QLHBD	Num	8	11.	11.	Q 5c). Left Hip pain at night while in bed (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
255	HB1QLHUP	Num	8	11.	11.	Q 5d). Left Hip pain while staning upright (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
256	HB1QLHCH	Num	8	11.	11.	Q 5e). Left Hip pain while getting in or out of a chair (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
257	HB1QLHIN	Num	8	11.	11.	Q 5f). Left Hip pain while getting in orout of a car (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
258	HB1QRH12M	Num	8	11.	11.	Q 6. In the past 12 months, how severe was the pain in your right hip usually? (1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't know)

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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
259	HB1QRHFS	Num	8	11.	11.	Q 6a). Right Hip pain while walking on a flat surface (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
260	HB1QRHST	Num	8	11.	11.	Q 6b). Right Hip pain while going up or down stairs (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
261	HB1QRHBD	Num	8	11.	11.	Q 6c). Right Hip pain at night while in bed (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
262	HB1QRHUP	Num	8	11.	11.	Q 6d). Right Hip pain while standing upright (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
263	HB1QRHCH	Num	8	11.	11.	Q 6e). Right Hip pain while getting in or out of a chair (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
264	HB1QRHIN	Num	8	11.	11.	Q 6f). Right Hip pain while getting in or out of a car (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
265	HB1QAP30D	Num	8	11.	11.	Q 7. Have you ever had pain lasting at least one month in or around either ankle? (1=Yes, 2=No, 8=Don't know, 7=Refused)
266	HB1QAP12M	Num	8	11.	11.	Q 7a. In the past 12 months, have you had ankle pain lasting at least one month? (1=Yes, 2=No)
267	HB1QAPBA	Num	8	11.	11.	Q 7b. In the past 12 months, have you had this pain in the left ankle, right ankle, or both ankles? (1=Left ankle only, 2=Right ankle only, 3=Both left and right ankle)
268	HB1QLA12M	Num	8	11.	11.	Q 8. In the past 12 months, how severe was the pain in your left ankle usually? (1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't know)
269	HB1QLAFS	Num	8	11.	11.	Q 8a). Left ankle pain while walking on a flat surface (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
270	HB1QLAST	Num	8	11.	11.	Q 8b). Left ankle pain while going up or down stairs (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
271	HB1QLABD	Num	8	11.	11.	Q 8c). Left ankle pain at night while in bed (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
272	HB1QLAUP	Num	8	11.	11.	Q 8d). Left ankle pain while standing upright (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
273	HB1QLACH	Num	8	11.	11.	Q 8e). Left ankle pain while getting in or out of a chair (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
274	HB1QLAIN	Num	8	11.	11.	Q 8f). Left ankle pain while getting in or out of a car (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
275	HB1QRA12M	Num	8	11.	11.	Q 9. In the past 12 months, how severe was the pain in your right ankle usually? (1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't know)
276	HB1QRAFS	Num	8	11.	11.	Q 9a). Right ankle pain while walking on a flat surface (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
277	HB1QRAST	Num	8	11.	11.	Q 9b). Right ankle pain while going up or down stairs (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
278	HB1QRABD	Num	8	11.	11.	Q 9c). Right ankle pain at night while in bed (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
279	HB1QRAUP	Num	8	11.	11.	Q 9d). Right ankle pain while standing upright (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
280	HB1QRACH	Num	8	11.	11.	Q 9e). Right ankle pain while getting in or out of a chair (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
281	HB1QRAIN	Num	8	11.	11.	Q 9f). Right ankle pain while getting in or out of car (0=None, 1=Mild, 2=Moderate, 3=Severe, 4=Extreme, 8=Don't Know)
282	VERSION	Num	8	YYMMDD10.		Release Date for HBRAIN_FU1
283	STAFFID	Char	50	\$50.	\$50.	STAFFID
284	HB1WWK	Num	8	HBMETER.	11.	4mWalk:Q1. Which walk was set up? (1=4-meter; 2=3-meter; 0=None: 3 meter space not available)
285	HB1UTM1	Num	8			4mWalk:Q4. Usual-pace Walk Time 1 (seconds)
286	HB1RF	Num	8	YN_LEP.	11.	4mWalk:Q4. Participant refused (1=Yes, 0=No)
287	HB1NAT	Num	8	YN_LEP.	11.	4mWalk:Q4. Not attempted, unable (1=Yes, 0=No)
288	HB1ATUN	Num	8	YN_LEP.	11.	4mWalk:Q4. Attempted, but unable to complete (1=Yes, 0=No)
289	HB1UTM2	Num	8			4mWalk:Q5. Usual-pace Walk Time 2 (seconds)
290	HB1RTM	Num	8			4mWalk:Q6. Rapid Time (seconds)
291	HB1RWRF	Num	8	YN_LEP.	11.	4mWalk:Q6. Participant refused (1=Yes, 0=No)
292	HB1RWNAT	Num	8	YN_LEP.	11.	4mWalk:Q6. Attempted, but unable to complete (1=Yes, 0=No)
293	HB1RWATUN	Num	8	YN_LEP.	11.	4mWalk:Q6. Participant refused (1=Yes, 0=No)
294	HB1AID	Num	8	YN_LEP.	11.	4mWalk:Q7. Was the participant using a walking aid, such as a cane or walker? (1=Yes, 0=No)
295	HB1UTM	Num	8			4mWalk:Fastest of the two trials for the usual walk

Sort Information	
Sortedby	COHORT HABCID
Validated	YES
Character Set	ANSI

Health ABC Healthy Brain Study - Medication Dataset for 1st Follow-Up Visit from Baseline

The CONTENTS Procedure

Data Set Name	DFU1.HBMIFCOD_FU1	Observations	1322
Member Type	DATA	Variables	12
Engine	V9	Indexes	0
Created	Thursday, March 14, 2013 10:34:22 AM	Observation Length	208
Last Modified	Thursday, March 14, 2013 10:34:22 AM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
Data Set Page Size	16384
Number of Data Set Pages	18
First Data Page	1
Max Obs per Page	78
Obs in First Data Page	66
Number of Data Set Repairs	0
Filename	V:\Data Analysis File\Programs\Substudy Programs\HealthyBrain\HB201304Final\hbmifcod_fu1.sas7bdat
Release Created	9.0202M0
Host Created	XP_PRO

Health ABC Healthy Brain Study - Medication Dataset for 1st Follow-Up Visit from Baseline

The CONTENTS Procedure

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
1	HABCID	Num	4	11.	11.	HABC ENROLLMENT ID
2	MIFNAME	Char	35	\$35.	\$35.	MIF: Name of Prescription Medication
3	MIFFRMCODE	Num	8	3.	3.	MIF: Formulation Code
4	MIFFREQ	Num	8	2.	2.	MIF: Frequency of Use
5	MIFDUR	Num	8	3.	3.	MIF: Duration of Use
6	MIFUSE	Num	8	2.	2.	MIF: Is Participant Still Using Med?
7	DRUGCODE	Num	8	11.	11.	MIF: Drug Code
8	INGCODE	Num	8	11.	11.	MIF: Ingredient Code (IDIS)
9	INGNAME	Char	100	\$100.	\$100.	MIF: Ingredient Name
10	MIFDATE	Num	8	MMDDYY10.	DATETIME22.3	MIF: Date Form Completed
11	COHORT	Char	1	\$50.	\$50.	Cohort A = Year 10 Baseline; Cohort B = Year 11 Baseline; Cohort C = Year 12 Baseline
12	VERSION	Num	8	YYMMDD10.		Release Date for this Version of hbmifcod_fu1