The BIOCARD Study

Biomarkers of Cognitive Decline
Among Normal Individuals

**Cognitive Limited
Dataset
November 2021**

Glossary of Terms

Allowable Codes	codes (and their meaning) allowed to be values for that variable
Audit findings	error rates based on BIOCRAD or NIH phase audits error rates are calculated as number of errors/total number of variables examined
Baseline visit	date admitted to NIH phase of BIOCARD study *[Note:some data may have been collected prior to this date]*
Collection	when the variable information was collected (i.e., Baseline, Follow-up)
Comments	further information about the variable not covered in the above fields
Data type	numeric or character *[Noted: Dates are numeric data]*
JHU phase	the study phase at JHU from 2009 – present
Missing OK if	instances (such as skips) or reasons why a blank or missing value is acceptable
NA	not applicable for this variable
NIH / NIH phase	the study phase that was performed at the NIH from 1995 – 2005
Question text	the question as it appears on the NACC or BIOCARD data collection forms
Short description	a short explanation of what the variable means
Source	the name of the NACC form, BIOCARD form, or NIH dataset containing the variable information (or "DERIVED" if the variable was derived) and the variable question number located on the form or in the dataset, if applicable
Unknown Code	the codes for the "unknown", "don't know", or missing values in the variable
Variable Name	the name of the variable in the provided dataset *{Noted: Variables will follow the NACC naming scheme as closely as possible]*

Acronyms and Definitions

AD	Alzheimer's Disease		JHU	The Johns Hopkins University
CDR	Clinical Dementia Rating		MCI	Mild Cognitive Impairment
CERAD	Consortium to Establish a Registry for Alzheimer's Disease		MMSE	Mini-Mental State Examination
CNS	Central Nervous System		NACC	National Alzheimer's Coordinating Center
CSF	Cerebrospinal Fluid		NART	National Adult Reading Test
CVD	Cardiovascular disease		NIA	National Institute on Aging
CVLT	California Verbal Learning Test		NINDS	National Institute of Neurological Disorders and Stroke
FAQ	Functional Assessment Questionnaire		NPI-Q	Neuropsychiatric Inventory Questionnaire
FTD	Frontotemporal Degenerations		PDRS	Unified Parkinson's Disease Rating Scale
GDS	Geriatric Depression Scale		WAIS	Wechsler Adult Intelligence Scale
			WMS	Wechsler Memory Scale

Cognitive Limited Dataset Characteristics

Number of variables: 97

Order of variables:

1)	JHUANONID	*Participant ID Anonymized by JHU*
2)	VISITNO	*Chronological visit number*
3)	MOFROMBL	*Months since baseline visit*
4)	MMSE	*MMSE score, total*
5)	LOGMEM1A	*Logical Memory Immediate A: Story units recalled (Story A)*
6)	LOGMEM1B	*Logical Memory Immediate B: Story units recalled (Story B)*
7)	LOGMEM2A	*Logical Memory Delayed A: Story units recalled (Story A)*
8)	LOGMEM2B	*Logical Memory Delayed B: Story units recalled (Story B)*
9)	MEMTIME	*Time elapsed between Logical Memory Immediate and Delayed*
10)	DIGITEST	*Digit Span: Test source*
11)	DIGIF	*Digit Span Forward: Trials correct*
12)	DIGIFLEN	*Digit Span Forward: Length*
13)	DIGIB	*Digit Span Backward: Trials correct*
14)	DIGIBLEN	*Digit Span Backward: Length*
15)	ANIMALS	*Category Fluency: Total animals named*
16)	VEG	*Category Fluency: Total vegetables named*
17)	ANINTRU	*Category Fluency: Intrusions, animals*
18)	ANPERSEV	*Category Fluency: Perseveration, animals*
19)	VINTRU	*Category Fluency: Intrusions, vegetables*
20)	VPERSEV	*Category Fluency: Perseveration, vegetables*
21)	TRAILA	*Trail Making Part A: Total number of seconds*
22)	TRAILB	*Trail Making Part B: Total number of seconds*
23)	DSST	*Digit Symbol (WAIS-R): Total number correct items*
24)	FCORR	*Verbal Fluency: Number of correct, letter F*
25)	FINTRU	*Verbal Fluency: Intrusions, letter F*
26)	FPERSEV	*Verbal Fluency: Perseveration, letter F*
27)	ACORR	*Verbal Fluency: Number of correct, letter A*
28)	AINTRU	*Verbal Fluency: Intrusions, letter A*
29)	APERSEV	*Verbal Fluency: Perseveration, letter A*
30)	SCORR	*Verbal Fluency: Number of correct, letter S*
31)	SINTRU	*Verbal Fluency: Intrusions, letter S*
32)	SPERSEV	*Verbal Fluency: Perseveration, letter S*
33)	BLOCK	*Block design (WAIS-R): Total score*
34)	REYCOPY	*Rey Figure Copy: Total score*
35)	REYRECAL	*Rey Figure Recall*

36)	PAIRED1	*WMS-R: Verbal Paired Associates I (Immediate Recall)*
37)	PAIRED2	*WMS-R: Verbal Paired Associates II (Delayed Recall)*
38)	CVLTFORM	*California Verbal Learning Test (CVLT) form*
39)	CVLTLTR1	*CVLT: Number correct trial #1*
40)	CVLTLTR2	*CVLT: Number correct trial #2*
41)	CVLTLTR3	*CVLT: Number correct trial #3*
42)	CVLTLTR4	*CVLT: Number correct trial #4*
43)	CVLTLTR5	*CVLT: Number correct trial #5*
44)	CVLTTOTL	*CVLT: Number correct trials #1 - #5*
45)	CVLTSDFR	*CVLT: Short delay free recall*
46)	CVLTSDCR	*CVLT: Short delay cued recall*
47)	CVLTLDFR	*CVLT: Long delay free recall*
48)	CVLTLDCR	*CVLT: Long delay cued recall*
49)	CVLTSMTO	*CVLT: Semantic clustering trials #1 - #5*
50)	CVLTTRRC	*CVLT: Percent recall from recency region*
51)	CVLT15SL	*CVLT: Total learning slope trials #1 - #5*
52)	CVLTLDT5	*CVLT: Percent long delay free recall vs. trial #5*
53)	CVLTTREP	*CVLT: Total repetitions*
54)	CVLTTINT	*CVLT: Total intrusions*
55)	CVLTRCHT	*CVLT: Delayed recognition hits*
56)	CVLTRCFA	*CVLT: Delayed recognition false positive*
57)	CVLTTODM	*CVLT: Total recognition discriminability*
58)	CVLTSMDM	*CVLT: Semantic recognition discriminability*
59)	DHAND	*Grooved Pegboard: Dominant hand (seconds)*
60)	NODHAND	*Grooved Pegboard: Non-dominant hand (seconds)*
61)	BOSTON	*Boston Naming Test – number correct*
62)	BNTPCT	*Boston Naming Test – Percentage correct*
63)	FRUITL	*Category Fluency: Fruit # generated in 60 Seconds*
64)	FRUIPER	*Category Fluency: Fruit # perseverations*
65)	FRUIINT	*Category Fluency: Fruit # intrusions*
66)	JOLOTOTL	*Judgment of Line Orientation*
67)	MATTIS	*Dementia Rating Scale # correct /144*
68)	SUPERMKT	*Category Fluency: Supermarket items generated in 60 seconds*
69)	NART_TL	*NART: # correct/50*

70) NART_IQ   *NART: Estimated Verbal IQ*

71) INFO   *WMS-R: Information and Orientation*

72) FIGURAL   *WMS-R: Figural Memory*

73) VISPAIR1   *WMS-R: Visual Paired Associates 1*

74) VISREPR1   *WMS-R: Visual Reproduction 1*

75) VISMEMSP   *WMS-R: Visual Memory Span (Sum of forward and backward tapping span)*

76) VISPAIR2   *WMS-R: Visual Paired Associates 2 (Delayed Recall)*

77) VISREPR2   *WMS-R: Visual Reproduction 2 (Delayed Recall)*

78) WMSRVERB   *WMS-R: Summary Verbal Memory*

79) WMSRVISU   *WMS-R: Summary Visual Memory*

80) WMSRGEN   *WMS-R: Summary General Memory*

81) WMSRDELY   *WMS-R: Summary Delayed Memory*

82) WAISVCRW   *WAIS-R: Vocab. raw score /70*

83) WAISVCSS   *WAIS-R: Vocab. scaled score/19*

84) WAISVCAC   *WAIS-R: Vocab. age-corrected/19*

85) WAISSMRW   *WAIS-R: Similarities raw score/28*

86) WAISSMSS   *WAIS-R: Similarities scaled score/19*

87) WAISSMAC   *WAIS-R: Similarities age-corrected score/19*

88) WAISINRW   *WAIS-R: Information raw score/29*

89) WAISINSS   *WAIS-R: Information scaled score/19*

90) WAISINAC   *WAIS-R: Information age corrected/19*

91) WAISPARW   *WAIS-R: Arithmetic raw score/19*

92) WAISPASS   *WAIS-R: Arithmetic scaled score/19*

93) WAISPAAC   *WAIS-R: Arithmetic age corrected/19*

94) WAISPCRW   *WAIS-R: Picture Completion raw score/20*

95) WAISPCSS   *WAIS-R: Picture Completion scaled score/19*

96) WAISRCAC   *WAIS-R: Picture Completion age corrected/19*
97) B17101   *New participant*

1)   Variable Name   **JHUANONID**

Short Description   Participant ID Anonymized by JHU

Source   NA

Question Text   NA

Time of Collection   Baseline

Data Type   Character

Allowable Codes   JHU + 6 numbers

Missing OK If   NA

Audit Findings   NA

Comments   None

2)   Variable Name   **VISITNO**

Short Description   Chronological visit number

Source   NA

Question Text   NA

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   NIH visit: Integers and decimals from 0 to 10, where a visit 0 represents a visit that occurred prior to the established baseline date
JHU visit: 101, 102, 103, 104, ….. 1XX where XX is from 01 to 99

Visit number 999 used for all participants that have died before a 101 visit for forms: A4, A5, A5a, B1, B2, B3, B3a, B8, B9, and D1. For participants that are alive, an A5 may have a 999 visit number to capture medical data acquired during the NIH phase of the study.

Missing OK If   NA

Audit Findings   NA

Comments   None

3)   Variable Name   **MOFROMBL**

Short Description   Months since baseline visit

Source   DERIVED

Question Text   NA

Time of Collection   Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 999

Missing OK If   NA

Audit Findings   NA

Comments   Derived variable.
[JHU phase] Calculated as months between the baseline start date and the V1 VISITDATE (formerly V11_Date) for follow-up visits.

[NIH phase] Calculated as months between the baseline start date and the recorded visit date (COG1DATE - fsvis).

4)   Variable Name   **MMSE**

Short Description	MMSE score, total
Source	C1 #1D
Question Text	Total MMSE score (using D-L-R-O-W)
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 30
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019) No NIH phase audits.
Comments	None

5) Variable Name **LOGMEM1A**

Short Description Logical Memory Immediate A: Story units recalled (Story A)

Source C1 #3B

Question Text Total number of story units recalled from this current test administration

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 25

Unknown Code Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

[NIH audits] LOGICAL error rate = 3.4% (based on complete audit of 28 participants)

Comments Derived variable:
based on WMS "LOGICAL" variable. LOGIMEM = LOGICAL / 2

6) Variable Name **LOGMEM1B**

Short Description Logical Memory Immediate B: Story units recalled (Story B)

Source DERIVED

Question Text Total number of story units recalled from this current test administration

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 25

Missing OK If JHU phase visit.

Audit Findings No NIH phase audits.

Comments NIH phase only.

7) | Variable Name | **LOGMEM2A**

Short Description	Logical Memory Delayed A: Story units recalled (Story A)
Source	C1 #9A
Question Text	Delayed: Total number of story units recalled
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 25
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019) [NIH audits] LOGICAL2 error rate = 3.4% (based on complete audit of 28 participants)
Comments	Derived value: based on WMS "LOGICAL2" variable. LOGMEM2A = LOGICAL2 / 2

8) | Variable Name | **LOGMEM2B**

Short Description	Logical Memory Delayed B: Story units recalled (Story B)
Source	DERIVED
Question Text	Delayed: Total number of story units recalled
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 25
Missing OK If	JHU phase visit
Audit Findings	No NIH phase audits.
Comments	NIH phase only.

9)   Variable Name   **MEMTIME**

Short Description   Logical Memory IIA (Delayed)

Source   C1 #9B

Question Text   Time elapsed between Logical Memory Immediate and Delayed

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   min = 0 minutes
max = 85 minutes
88 = N/A
99 = Unknown

Missing OK If   NA

Audit Findings   [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

Comments   JHU phase only

10)   Variable Name   **DIGITEST**

Short Description   Digit Span: Test

Source   DERIVED

Question Text   Which test defined the digit span scores?

Time of Collection   Baseline and Follow-up

Data Type   Char

Allowable Codes   1 = WMS-R
2 = WAIS-R

Missing OK If   No JHU phase visit.

Audit Findings   No NIH phase audits.

Comments   NIH phase only.
Indicates the source of data for the digit span data.

11)	Variable Name	**DIGIF**
	Short Description	Digit Span Forward: Trials correct
	Source	C1 #4A
	Question Text	Total number of trials correct prior to two consecutive errors at the same digit length
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	Min = 0 Max = 12
	Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
	Missing OK If	NA
	Audit Findings	[JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019) No NIH phase audits.
	Comments	JHU phase: C1 #4a answer NIH phase: based on either WAIS or WMS test. The test used for this value is specified in the DIGITEST variable.

12)   Variable Name   **DIGIFLEN**

Short Description   Digit Span Forward: Length

Source   C1 #4B

Question Text   Digit span forward length

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 8

Unknown Code   Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

No NIH phase audits.

Comments   JHU phase: C1 #4b answer

NIH phase: based on either WAIS or WMS test. The test used for this value is specified in the DIGITEST variable.

13)

Variable Name	**DIGIB**
Short Description	Digit Span Backward: Trials correct
Source	C1 #5A
Question Text	Total number of trials correct prior to two consecutive errors at the same digit length
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 12
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019) No NIH phase audits.
Comments	JHU phase: C1 #5a answer NIH phase: based on either WAIS or WMS test. The test used for this value is specified in the DIGITEST variable.

14)   Variable Name   **DIGIBLEN**

Short Description	Digit Span Backward: Length
Source	C1 #5B
Question Text	Digit span backward length
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 7
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019) No NIH phase audits.
Comments	JHU phase: C1 #5b answer NIH phase: based on either WAIS or WMS test. The test used for this value is specified in the DIGITEST variable.

15)   Variable Name   **ANIMALS**

Short Description   Category Fluency: Total animals named

Source   C1 #6A

Question Text   Total number of animals named in 60 seconds

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 77

Unknown Code   Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

[NIH audits] Error rate = 0.8% (based on complete audits of 28 participants)

Comments   None

16)   Variable Name   **VEG**

Short Description   Category Fluency: Total vegetables named

Source   C1 #6B

Question Text   Total number of vegetables named in 60 seconds

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 77

Unknown Code   Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

No NIH phase audits.

Comments   None

17)

Variable Name	**ANINTRU**
Short Description	Category Fluency: Intrusions, animals
Source	C1A #4b
Question Text	Number of incorrect answers when asked to name animals.
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 10
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) No NIH phase audits.
Comments	None

18)

Variable Name	**ANPERSEV**
Short Description	Category Fluency: Perseveration, animals
Source	C1A #4c
Question Text	Number of repeated answers when asked to name animals.
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 10
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) No NIH phase audits.
Comments	None

19) Variable Name **VINTRU**

Short Description Category Fluency: Intrusions, vegetables

Source C1A #5b

Question Text Number of incorrect answers when asked to name vegetables

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 10

Unknown Code Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments None

20) Variable Name **VPERSEV**

Short Description Category Fluency: Perseveration, vegetables

Source C1A #5c

Question Text Number of repeated answers when asked to name vegetables

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 10

Unknown Code Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments None

21)   Variable Name   **TRAILA**

Short Description   Trail Making Part A: Total number of seconds

Source   C1 #7A

Question Text   Part A, Total number of seconds to complete

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 150

Unknown Code   Reasons:
995 = Physical problem
996 = Cognitive/behavior problem
997 = Other problem
998 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

[NIH audits] Error rate = 2.3% (based on complete audit of 28 participants)

Comments   If participant was not finished by 150 seconds, 150 entered

22)   Variable Name   **TRAILB**

Short Description   Trail Making Part B: Total number of seconds

Source   C1 #7B

Question Text   Part B, Total number of seconds to complete

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 300

Unknown Code   Reasons:
995 = Physical problem
996 = Cognitive/behavior problem
997 = Other problem
998 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019)

Comments   If participant was not finished by 300 seconds, 300 entered as score.

23)   Variable Name   **DSST**

Short Description	Digit Symbol (WAIS-R): Total number correct items
Source	C1 #8A
Question Text	Total number of items correctly completed in 90 seconds
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 93
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1 form error rate = 0.2% (based on 78 forms as of NOV2019) [NIH audits] Error rate = 1.4% (based on complete audit of 28 participants)
Comments	None

24)   Variable Name   **FCORR**

Short Description   Verbal Fluency: Number of correct, letter F

Source   C1A #1a

Question Text   Number of correct answers when asked to name words beginning with "F".

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 40

Unknown Code   Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments   None

25)   Variable Name   **FINTRU**

Short Description   Verbal Fluency: Intrusions, letter F

Source   C1A #1b

Question Text   Number of incorrect responses when asked to name words beginning with "F".

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 10

Unknown Code   Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments   None

26) Variable Name **FPERSEV**

Short Description Verbal Fluency: Perseveration, letter F

Source C1A #1c

Question Text Number of repeated responses when asked to name words beginning with "F".

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 10

Unknown Code Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments None

27) Variable Name **ACORR**

Short Description Verbal Fluency: Number of correct, letter A

Source C1A #2a

Question Text Number of correct answers when asked to name words beginning with "A".

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 40

Unknown Code Reasons:
95 = Physical problem
96 = Cognitive/behavior problem
97 = Other problem
98 = Verbal refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments None

28) Variable Name   **AINTRU**

Short Description   Verbal Fluency: Intrusions, letter A

Source   C1A #2b

Question Text   Number of incorrect answers when asked to name words beginning with "A".

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
                     Max = 10

Unknown Code   Reasons:
                     95 = Physical problem
                     96 = Cognitive/behavior problem
                     97 = Other problem
                     98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

                     No NIH phase audits.

Comments   None

29) Variable Name   **APERSEV**

Short Description   Verbal Fluency: Perseveration, letter A

Source   C1A #2c

Question Text   Number of repeated answers when asked to name words beginning with "A".

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
                     Max = 10

Unknown Code   Reasons:
                     95 = Physical problem
                     96 = Cognitive/behavior problem
                     97 = Other problem
                     98 = Verbal refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

                     No NIH phase audits.

Comments   None

30)

Variable Name	**SCORR**
Short Description	Verbal Fluency: Number of correct, letter S
Source	C1A #3a
Question Text	Number of correct answers when asked to name words beginning with "S".
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 40
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) No NIH phase audits.
Comments	None

31)

Variable Name	**SINTRU**
Short Description	Verbal Fluency: Intrusions, letter S
Source	C1A #3b
Question Text	Number of incorrect answers when asked to name words beginning with "S".
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 10
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) No NIH phase audits.
Comments	None

32)

Variable Name	**SPERSEV**
Short Description	Verbal Fluency: Perseveration, letter S
Source	C1A #3c
Question Text	Number of repeated answers when asked to name words beginning with "S".
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 10
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) No NIH phase audits.
Comments	None

33)

Variable Name	**BLOCK**
Short Description	Constructional Praxis, Block design (WAIS-R): Total score
Source	C1A #6
Question Text	Block Design (WAIS-R), total score
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 51
Unknown Code	Reasons: 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) [NIH audits] Error rate = 1.4% (based on complete audit of 28 participants)
Comments	None

34) Variable Name **REYCOPY**

Short Description Constructional Praxis, Rey Figure Copy: Total score

Source C1A #7

Question Text Rey Figure Copy, total score

Time of Collection Baseline and Follow-up

Data Type Numeric (with decimal)

Allowable Codes Min = 0.0
Max = 36.0

Unknown Code Reason:
99.5 = Physical Problems
99.6 = Cognitive Behavioral Problem
99.7 = Other
99.8 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 3.5% (based on complete audit of 28 participants)

Comments None

35) Variable Name **REYRECAL**

Short Description Memory, Rey Figure Recall

Source C1A #8

Question Text Rey Figure Recall task

Time of Collection Baseline and Follow-up

Data Type Numeric (with decimal)

Allowable Codes Min = 0.0
Max = 36.0

Unknown Code Reason:
99.5 = Physical Problems
99.6 = Cognitive Behavioral Problem
99.7 = Other
99.8 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 5.6% (based on complete audit of 28 participants)

Comments None

36)

Variable Name	**PAIRED1**
Short Description	Paired Associates I (New Learning)
Source	C1A #9
Question Text	WMS-R Paired Associates I (New Learning)
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 24
Unknown Code	Reason: 95 = Physical Problems 96 = Cognitive Behavioral Problem 97 = Other 98 = Refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) [NIH audits] Error rate = 3.4% (based on complete audit of 28 participants)
Comments	None

37)

Variable Name	**PAIRED2**
Short Description	Paired Associates II (Delayed Recall)
Source	C1A #10
Question Text	WMS-R Paired Associates II (Delayed Recall)
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 8
Unknown Code	Reason: 95 = Physical Problems 96 = Cognitive Behavioral Problem 97 = Other 98 = Refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) [NIH audits] Error rate = 2.3% (based on complete audit of 28 participants)
Comments	None

38) Variable Name **CVLTFORM**

Short Description California Verbal Learning Test (CVLT) form

Source C1A #11

Question Text Standard or alternate CVLT form

Time of Collection Baseline and Follow-up

Data Type Character

Allowable Codes 1 = Standard Form
2 = Alternate Form

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

39) Variable Name **CVLTLTR1**

Short Description CVLT: Number correct trial #1

Source C1A #12

Question Text CVLT word list, # correct in Trial 1

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 16

Unknown Code Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

40) Variable Name   **CVLTLTR2**

Short Description   CVLT: Number correct trial #2

Source   C1A #13, not available at NIH visits

Question Text   CVLT word list, # correct in Trial 2

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 16

Unknown Code   Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments   None

41) Variable Name   **CVLTLTR3**

Short Description   CVLT: Number correct trial #3

Source   C1A #14, not available at NIH visits

Question Text   CVLT word list, # correct in Trial 3

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 16

Unknown Code   Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments   None

42) Variable Name **CVLTLTR4**

Short Description CVLT: Number correct trial #4

Source C1A #15, not available at NIH visits

Question Text CVLT word list, # correct in Trial 4

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 16

Unknown Code Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments None

43) Variable Name **CVLTLTR5**

Short Description CVLT: Number correct trial #5

Source C1A #16

Question Text CVLT word list, # correct in Trial #5

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 16

Unknown Code Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.8% (based on complete audit of 28 participants)

Comments None

44) Variable Name **CVLTTOTL**

Short Description CVLT: Number correct trials #1 - #5

Source C1A #17

Question Text CVLT word list, total number correct (sum of trials #1 to #5)

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 80

Unknown Code Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

45) Variable Name **CVLTSDFR**

Short Description CVLT: Short delay free recall

Source C1A #18

Question Text CVLT word list, short delay free recall

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 16

Unknown Code Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

46)

Variable Name	**CVLTSDCR**
Short Description	CVLT: Short delay cued recall C1A #19
Source	CVLT word list, short delay cued recall
Question Text	Baseline and Follow-up
Time of Collection	Numeric
Data Type	Min = 0 Max = 16
Allowable Codes	
Unknown Code	Reason: 95 = Physical Problems 96 = Cognitive Behavioral Problem 97 = Other 98 = Refusal
	NA
Missing OK If	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)
Audit Findings	
	[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)
Comments	None

47)

Variable Name	**CVLTLDFR**
Short Description	CVLT: Long delay free recall
Source	C1A #20
Question Text	CVLT word list, long delay free recall
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 16
Unknown Code	Reason: 95 = Physical Problems 96 = Cognitive Behavioral Problem 97 = Other 98 = Refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) [NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)
Comments	None

48) Variable Name **CVLTLDCR**

Short Description CVLT: Long delay cued recall C1A #21

Source CVLT word list, long delay cued recall

Question Text Baseline and Follow-up

Time of Collection Numeric

Data Type Min = 0
Max = 16

Allowable Codes

Unknown Code Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

NA

Missing OK If [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

Audit Findings

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

49) Variable Name **CVLTSMTO**

Short Description CVLT: Semantic clustering trials #1 - #5

Source C1A #22

Question Text CVLT semantic clustering trials #1 - #5

Time of Collection Baseline and Follow-up

Data Type Numeric (with decimal)

Allowable Codes Min = -4.0
Max = 9.0

Unknown Code Reason:
99.5 = Physical Problems
99.6 = Cognitive Behavioral Problem
99.7 = Other
99.8 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

50)

Variable Name	**CVLTTRRC**
Short Description	CVLT: Percent recall from recency region
Source	C1A #23
Question Text	CVLT, % Recall from Recency region
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 100
Unknown Code	Reason: 995 = Physical Problems 996 = Cognitive Behavioral Problem 997 = Other 998 = Refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on75 forms as of NOV2019) [NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)
Comments	None

51)

Variable Name	**CVLT15SL**
Short Description	CVLT: Total learning slope trial #1 – trial #5
Source	C1A #24
Question Text	CVLT, Slope, across number correct from trial #1 (CVLTLTR1) to trial #5 (CVLTLTR5)
Time of Collection	Baseline and Follow-up
Data Type	Numeric (with decimal)
Allowable Codes	Min = -5.0 Max = 5.0
Unknown Code	Reason: 95/99.5 = Physical Problems 96/99.6 = Cognitive Behavioral Problem 97/99.7 = Other 98/99.8 = Refusal
Missing OK If	NA
Audit Findings	[JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019) [NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)
Comments	None

52)   Variable Name   **CVLTLDT5**

Short Description   CVLT: % long delay FR vs. trial #5

Source   C1A #25

Question Text   CVLT, Percentage of words recalled at Long Delay Free Recall relative to number of words recalled at Trial #5 ([100*CVLTLDFR/CVLTLTR5]-100)

Time of Collection   Baseline and Follow-up

Data Type   Numeric (with decimal)

Allowable Codes   Min = -100.0
Max = 900.0

Unknown Code   Reason:
999.5 = Physical Problems
999.6 = Cognitive Behavioral Problem
999.7 = Other
999.8 = Refusal

Missing OK If   NA

Audit Findings

No NIH phase audits.

Comments   None

53)   Variable Name   **CVLTTREP**

Short Description   CVLT: Total repetitions

Source   C1A #26

Question Text   CVLT, Total Repetitions

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 92

Unknown Code   Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments   None

54)   Variable Name   **CVLTTINT**

Short Description   CVLT: Total intrusions

Source   C1A #27

Question Text   CVLT, Total Intrusions

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 56

Unknown Code   Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments   None

55)   Variable Name   **CVLTRCHT**

Short Description   CVLT: Delayed recognition hits

Source   C1A #28

Question Text   CVLT, Delayed Recognition Hits (number correctly recognized)

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 16

Unknown Code   Reason:
Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments   None

56) Variable Name **CVLTRCFA**

Short Description CVLT: Delayed recognition false positive

Source C1A #29

Question Text CVLT, Delayed Recognition False Positive (number incorrectly recognized)

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 36

Unknown Code Reason:
Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If NA

Audit Findings [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants) [NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments None

57)   Variable Name   **CVLTTODM**

Short Description   CVLT: Total recognition discriminability

Source   C1A #30

Question Text   CVLT, Total Recognition Discriminability

Time of Collection   Baseline and Follow-up

Data Type   Numeric (with decimal)

Allowable Codes   Min = -4.1
Max = 4.1

Unknown Code   Reason:
95/99.5 = Physical Problems
96/99.6 = Cognitive Behavioral Problem
97/99.7 = Other
98/99.8 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.4% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments   None

58)   Variable Name   **CVLTSMDM**

Short Description   CVLT: Semantic recognition discriminability

Source   C1A #31

Question Text   CVLT, Semantic Recognition Discriminability

Time of Collection   Baseline and Follow-up

Data Type   Numeric (with decimal)

Allowable Codes   Min = -4.1
Max = 4.1

Unknown Code   Reason:
95/99.5 = Physical Problems
96/99.6 = Cognitive Behavioral Problem
97/99.7 = Other
98/99.8 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

[NIH audits] Error rate = 1.7% (based on complete audit of 28 participants)

Comments   None

59)   Variable Name   **DHAND**

Short Description   Grooved Pegboard: Dominant hand (seconds)

Source   C1A #32

Question Text   Speed on grooved pegboard. Dominant hand (time to complete in seconds).

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 300

Unknown Code   Reason:
995 = Physical Problems
996 = Cognitive Behavioral Problem
997 = Other
998 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)

No NIH phase audits.

Comments   None

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60)   Variable Name   **NONDHAND**

Short Description   Grooved Pegboard: Non-dominant hand (seconds)

Source   C1A #33

Question Text   Speed on grooved pegboard. Non-dominant hand (time to complete in seconds).

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 300

Unknown Code   Reason:
995 = Physical Problems
996 = Cognitive Behavioral Problem
997 = Other
998 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)
No NIH phase audits.

Comments   None

61)   Variable Name   **BOSTON**

Short Description   Boston Naming Test

Source   C1 #10a, NIH

Question Text   Number of correct responses

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 30 (for JHU visits 101+); Max=60 (for NIH visits 1-10)

Unknown Code   Reason:
95 = Physical Problems
96 = Cognitive Behavioral Problem
97 = Other
98 = Refusal

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)
No NIH phase audits.

Comments   At the NIH, five individuals completed a 60-item Boston naming test, and have values higher than 30. Some individuals complete a 20-item Boston naming test. At JHU, individuals complete a 30-item version.

62)   Variable Name   **BNTPCT**

Short Description   Boston Naming Test Percent

Source   DERIVED

Question Text   Percentage correct responses out of total ((number correct/total) *100)

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0%
Max = 100%

Missing OK If   NA

Audit Findings   [JHU Audits]: C1a form error rate = 0.3% (based on 75 forms as of NOV2019)
No NIH phase audits.

Comments   None

63)

Variable Name	**FRUITL**
Short Description	Category Fluency: Fruit number generated in 60 seconds
Source	NIH
Question Text	Total number of words generated in the category Fruits
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 77
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

64)

Variable Name	**FRUIPER**
Short Description	Category Fluency: Fruit number perseverations
Source	NIH
Question Text	Number of words repeated in the category Fruits
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 60
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

65)

Variable Name	**FRUIINT**
Short Description	Category Fluency: Fruit number intrusions
Source	NIH
Question Text	Number of words incorrect in the category Fruits
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 60
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

66)

Variable Name	**JOLOTOTL**
Short Description	Judgment of Line Orientation number correct /60
Source	NIH
Question Text	Total correct
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 60
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

67)   Variable Name   **MATTIS**

Short Description   Dementia Rating Scale Number Correct/144

Source   NIH

Question Text   Sum of Attention, Memory, Initiation and Preservation, Construction, Conceptualization

Time of Collection   Baseline and Follow-up Numeric

Data Type   Numeric

Allowable Codes

Min = 0
Max = 144

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

68)   Variable Name   **SUPERMKT**

Short Description   Category Fluency: Supermarket items generated in 60 seconds

Source   NIH

Question Text   Number of items generated

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 77

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

69	Variable Name	**NART_TL**
	Short Description	National Adult Reading Test number correct/50
	Source	NIH
	Question Text	Total Correct (number of errors subtracted from number of items)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	Min = 0 Max = 50
	Missing OK If	NA
	Audit Findings	No NIH phase audits
	Comments	None

70)	Variable Name	**NART_IQ**
	Short Description	NART: Estimated Verbal IQ
	Source	NIH
	Question Text	NART IQ Score
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	Min = 50 Max = 150
	Missing OK If	NA
	Audit Findings	No NIH phase audits
	Comments	None

71)   Variable Name   **INFO**

      Short Description   WMS: Information and Orientation

      Source   NIH

      Question Text   Raw score

      Time of Collection   Baseline and Follow-up

      Data Type   Numeric

      Allowable Codes   Min = 0
                                       Max = 14

      Missing OK If   NA

      Audit Findings   No NIH phase audits

      Comments   None

72)   Variable Name   **FIGURAL**

      Short Description   WMS: Figural memory

      Source   NIH

      Question Text   Raw score

      Time of Collection   Baseline and Follow-up

      Data Type   Numeric

      Allowable Codes   Min = 0
                                       Max = 10

      Missing OK If   NA

      Audit Findings   No NIH phase audits

      Comments   None

73)   Variable Name   **VISPAIR1**

         Short Description   WMS: Visual Paired Associates 1

         Source   NIH

         Question Text   Raw score

         Time of Collection   Baseline and Follow-up

         Data Type   Numeric

         Allowable Codes   Min = 0
                                     Max = 18

         Missing OK If   NA

         Audit Findings   No NIH phase audits

         Comments   None

74)   Variable Name   **VISREPR1**

         Short Description   Visual Reproduction 1

         Source   NIH

         Question Text   Raw score

         Time of Collection   Baseline and Follow-up

         Data Type   Numeric

         Allowable Codes   Min = 0
                                     Max = 41

         Missing OK If   NA

         Audit Findings   No NIH phase audits

         Comments   None

75) Variable Name   **VISMEMSP**

Short Description   WMS: Visual Memory Span (Sum of forward & backward tapping span)

Source   NIH

Question Text   Raw score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
                     Max = 26

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

76) Variable Name   **VISPAIR2**

Short Description   WMS: Visual Paired Associates 2 (Delayed Recall)

Source   NIH

Question Text   Raw score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
                     Max = 6

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

77)   Variable Name   **VISREPR2**

Short Description   WMS: Visual Reproduction 2 (Delayed Recall)

Source   NIH

Question Text   Raw score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 41

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

78)   Variable Name   **WMSRVERB**

Short Description   WMS: Revised Summary Verbal Memory

Source   NIH

Question Text   Indexes score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 50
Max = 150

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

79)   Variable Name   **WMSRVISU**

Short Description   WMS: Revised Summary Visual Memory

Source   NIH

Question Text   Indexes score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 50
Max = 150

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

80)   Variable Name   **WMSRGEN**

Short Description   WMS: Revised Summary General Memory

Source   NIH

Question Text   Raw Score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 50
Max = 150

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

81)

Variable Name	**WMSRDELY**
Short Description	WMS: Revised Summary Delayed Memory
Source	NIH
Question Text	Indexes score
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 50 Max = 150
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

82)

Variable Name	**WAISVCRW**
Short Description	Wechsler Adult Intelligence Vocab. Raw score/70
Source	NIH
Question Text	Raw score
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 70
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

83)   Variable Name   **WAISVCSS**

    Short Description   WAIS: Vocab. Scaled score/19

    Source   NIH

    Question Text   Scaled score

    Time of Collection   Baseline and Follow-up

    Data Type   Numeric

    Allowable Codes   Min = 0
    Max = 19

    Missing OK If   NA

    Audit Findings   No NIH phase audits

    Comments   None

84)   Variable Name   **WAISVCAC**

    Short Description   WAIS: Vocab. age-corrected/19

    Source   NIH

    Question Text   Age corrected score

    Time of Collection   Baseline and Follow-up

    Data Type   Numeric

    Allowable Codes   Min = 0
    Max = 19

    Missing OK If   NA

    Audit Findings   No NIH phase audits

    Comments   None

85)   Variable Name   **WAISSMRW**

Short Description   WAIS: Similarities raw score/28

Source   NIH

Question Text   Raw score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 28

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

86)   Variable Name   **WAISSMSS**

Short Description   WAIS: Similarities scaled score/19

Source   NIH

Question Text   Scaled score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

87)

Variable Name	**WAISSMAC**
Short Description	WAIS: Similarities age-corrected score/19
Source	NIH
Question Text	Age corrected score
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 28
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

88)

Variable Name	**WAISINRW**
Short Description	WAIS: Information raw score/29
Source	NIH
Question Text	Raw score
Time of Collection	Baseline and Follow-up
Data Type	Numeric
Allowable Codes	Min = 0 Max = 29
Missing OK If	NA
Audit Findings	No NIH phase audits
Comments	None

89)   Variable Name   **WAISINSS**

Short Description   WAIS: Information scaled score/19

Source   NIH

Question Text   Scaled score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

90)   Variable Name   **WAISINAC**

Short Description   WAIS: Information age corrected/19

Source   NIH

Question Text   Age corrected score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

91)   Variable Name   **WAISPARW**

Short Description   WAIS: Arithmetic raw score/19

Source   NIH

Question Text   Raw score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

92)   Variable Name   **WAISPASS**

Short Description   WAIS: Arithmetic scaled score/19

Source   NIH

Question Text   Scaled score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

93) Variable Name **WAISPAAC**

Short Description WAIS: Arithmetic age corrected/19

Source NIH

Question Text Age corrected score

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 19

Missing OK If NA

Audit Findings No NIH phase audits

Comments None

94) Variable Name **WAISPCRW**

Short Description WAIS: Picture Completion raw score/20

Source NIH

Question Text Raw score

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 0
Max = 20

Missing OK If NA

Audit Findings No NIH phase audits

Comments None

95)   Variable Name   **WAISPCSS**

Short Description   WAIS: Picture Completion scaled score/19

Source   NIH

Question Text   Scaled score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

96)   Variable Name   **WAISRCAC**

Short Description   WAIS: Picture Completion age Corrected/19

Source   NIH

Question Text   Age corrected score

Time of Collection   Baseline and Follow-up

Data Type   Numeric

Allowable Codes   Min = 0
Max = 19

Missing OK If   NA

Audit Findings   No NIH phase audits

Comments   None

97)   Variable Name   **B17101**

       Short Description   New BIOCARD participant

              Source   B17 #01

         Question Text   Is this a new participant?

     Time of Collection   Baseline and Follow-up

            Data Type   Char

       Allowable Codes   1 = Yes
                           0 = No

        Missing OK If   NA

       Audit Findings   NA

            Comments   None