



# **The BIOCARD Study**

Biomarkers of Cognitive Decline Among Normal  
Individuals

**Tau PET Scan Data**  
**Limited Dataset**

## Glossary of Terms

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Term	Description
Allowable Codes	codes (and their meanings) allowed to be values for that variable
Audit Findings	error rates based on BIOCARD 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 <i>[Note: some data may have been collected prior to this date]</i>
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 <i>[Note: Dates are numeric data]</i> numeric or character classifications are strictly related to how the data are stored and not how the data should be analyzed
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 for the variable
Variable Name	the name of the variable in the provided dataset <i>[Note: Variables will follow the NACC naming scheme as closely as possible]</i>

## Acronyms and Definitions

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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	NIA	National Institute on Aging
CVD	Cardiovascular Disease	NINDS	National Institute of Neurological Disorders and Stroke
CVLT	California Verbal Learning Test	NPI-Q	Neuropsychiatric Inventory Questionnaire
FAQ	Functional Assessment Questionnaire	UPDRS	Unified Parkinson's Disease Rating Scale
FTD	Frontotemporal Degenerations	WAIS	Wechsler Adult Intelligence Scale
GDS	Geriatric Depression Scale	WMS	Wechsler Memory Scale

# Tau PET Scan Data Limited Dataset Characteristics

Number of Vars: 10

Order of variables

1)	JHUANONID	Participant ID Anonymized by JHU
2)	Tau_PET_VISITNO	Tau PET visit number
3)	SEX	Participant gender
4)	MY_BirthDate	Participant birth month and year
5)	BRAAK_I_tau_SUVR	Tau PET accumulation in Braak I regions of interest- standard uptake value ratio
6)	BRAAK_II_tau_SUVR	Tau PET accumulation in Braak II regions of interest- standard uptake value ratio
7)	BRAAK_III_tau_SUVR	Tau PET accumulation in Braak III regions of interest- standard uptake value ratio
8)	BRAAK_IV_tau_SUVR	Tau PET accumulation in Braak IV regions of interest- standard uptake value ratio
9)	BRAAK_V_tau_SUVR	Tau PET accumulation in Braak V regions of interest- standard uptake value ratio
10)	BRAAK_VI_tau_SUVR	Tau PET accumulation in Braak VI regions of interest- standard uptake value ratio

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 Allowable Codes JHU + 6 digit number

Missing OK if NA

Audit Findings NA

Comments None

2) Variable Name **Tau\_PET\_VISITNO**

Short Description Tau PET visit number

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes 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 Visit when Tau PET was completed

3)	Variable Name	SEX
	Short Description	Participant gender
	Source	Amyloid PET
	Question Text	NA
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	Min : 1=Male Max : 2=Female
	Missing OK if	NA
	Audit Findings	NA
	Comments	None

4) Variable Name **MY\_BirthDate**

Short Description Participant birth month and year

Source Amyloid PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = TBD

Max = TBD

Missing OK if NA

Audit Findings NA

Comments None

5) Variable Name **BRAAK\_I\_tau\_SUVR**

Short Description Tau PET accumulation in Braak I regions of interest- standard uptake

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 1  
Max = TBD

Missing OK if NA

Audit Findings NA

Comments None

6) Variable Name **BRAAK\_II\_tau\_SUVR**

Short Description Tau PET accumulation in Braak II regions of interest- standard uptake

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 1  
Max = TBD

Missing OK if NA

Audit Findings NA

Comments None

7) Variable Name **BRAAK\_III\_tau\_SUVR**

Short Description Tau PET accumulation in Braak III regions of interest- standard uptake

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 1  
Max = TBD

Missing OK if NA

Audit Findings NA

Comments None

8) Variable Name **BRAAK\_IV\_tau\_SUVR**

Short Description Tau PET accumulation in Braak IV regions of interest- standard uptake

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 1  
Max = TBD

Missing OK if NA

Audit Findings NA

Comments None



9) Variable Name **BRAAK\_V\_tau\_SUVR**

Short Description Tau PET accumulation in Braak V regions of interest- standard uptake

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 1  
Max = TBD

Missing OK if NA

Audit Findings NA

Comments None

10) Variable Name **BRAAK\_VI\_tau\_SUVR**

Short Description Tau PET accumulation in Braak VI regions of interest- standard uptake

Source Tau PET

Question Text NA

Time of Collection Baseline and Follow-up

Data Type Numeric

Allowable Codes Min = 1  
Max = TBD

Missing OK if NA

Audit Findings NA

Comments None