

# WHIMS Coordinating Center Document

Created: September 20, 2012

Dataset Name: p4form\_postc

Description: WHIMS STUDY Post Trial Form  
D, Phase 4: Laboratory and Imaging

Structure: multiple rows per participant

---

Variable #: 1  
SAS name: lbun  
SAS label: Q1. BUN  
Categories: cognitive  
Usage Notes: none

<b>lbun</b>	<b>PERCENT</b>	<b>Number</b>
.	6.0	7
0 Normal	76.6	88
1 Abnormal	15.6	18
8 Not Assessed	1.8	2

Variable #: 2  
SAS name: lglucose  
SAS label: Q2. Glucose  
Categories: cognitive  
Usage Notes: none

<b>lglucose</b>	<b>PERCENT</b>	<b>Number</b>
.	6.0	7
0 Normal	72.2	83
1 Abnormal	19.2	22
8 Not Assessed	0.8	1
9 Don't Know	1.8	2

Variable #: 3

SAS name: labtsh

SAS label: Q3. Thyroid (TSH)

Categories: cognitive

Usage Notes: none

<b>labtsh</b>	<b>PERCENT</b>	<b>Number</b>
.	8.6	10
0 Normal	73.0	84
1 Abnormal	13.0	15
8 Not Assessed	4.4	5
9 Don't Know	0.8	1

Variable #: 4

SAS name: lab\_b12

SAS label: Q4. B-12

Categories: cognitive

Usage Notes: none

<b>lab_b12</b>	<b>PERCENT</b>	<b>Number</b>
.	7.8	9
0 Normal	77.4	89
1 Abnormal	9.6	11
8 Not Assessed	4.4	5
9 Don't Know	0.8	1

Variable #: 5

SAS name: lfolate

SAS label: Q5. Folate

Categories: cognitive

Usage Notes: none

<b>lfolate</b>	<b>PERCENT</b>	<b>Number</b>
.	11.4	13
0 Normal	71.4	82
1 Abnormal	10.4	12

<b>ifolate</b>	<b>PERCENT</b>	<b>Number</b>
8 Not Assessed	6.0	7
9 Don't Know	0.8	1

Variable #: 6  
SAS name: lsyphili  
SAS label: Q6. Test for syphilis  
Categories: cognitive  
Usage Notes: none

<b>lsyphili</b>	<b>PERCENT</b>	<b>Number</b>
.	10.4	12
0 Normal	81.8	94
1 Abnormal	0.8	1
8 Not Assessed	6.0	7
9 Don't Know	0.8	1

Variable #: 7  
SAS name: labcbc  
SAS label: Q7. CBC with differential  
Categories: cognitive  
Usage Notes: none

<b>labcbc</b>	<b>PERCENT</b>	<b>Number</b>
.	9.6	11
0 Normal	62.6	72
1 Abnormal	27.0	31
8 Not Assessed	0.8	1

Variable #: 8  
SAS name: labother  
SAS label: Q8. Other (e.g., sed rate)  
Categories: cognitive  
Usage Notes: none

<b>labother</b>	<b>PERCENT</b>	<b>Number</b>
.	44.4	51
0 Normal	28.6	33
1 Abnormal	16.6	19
8 Not Assessed	9.6	11
9 Don't Know	0.8	1

Variable #: 9  
SAS name: mri  
SAS label: Q10. Head CT or MRI?  
Categories: cognitive

Usage Notes: none

<b>mri</b>	<b>PERCENT</b>	<b>Number</b>
.	6.0	7
0 No	5.2	6
1 Yes	88.6	102

Variable #: 10

SAS name: mriabnor

SAS label: Q11. Abnormal CT/MRI?

Categories: cognitive

Usage Notes: none

<b>mriabnor</b>	<b>PERCENT</b>	<b>Number</b>
.	6.0	7
0 No	16.6	19
1 Yes	76.6	88
8 Don't Know	0.8	1

Variable #: 11

SAS name: memrecal

SAS label: A1. Memory impairment (vascular)

Categories: cognitive

Usage Notes: none

<b>memrecal</b>	<b>PERCENT</b>	<b>Number</b>
.	27.8	32
0 No	0.8	1
1 Yes	71.4	82

Variable #: 12

SAS name: aphasia

SAS label: A2a. Aphasia (vascular)

Categories: cognitive

Usage Notes: none

<b>aphasia</b>	<b>PERCENT</b>	<b>Number</b>
.	30.4	35
0 No	32.2	37
1 Yes	37.4	43

Variable #: 13

SAS name: apraxia

SAS label: A2b. Apraxia (vascular)

Categories: cognitive

Usage Notes: none

<b>apraxia</b>	<b>PERCENT</b>	<b>Number</b>
.	34.8	40
0 No	55.6	64
1 Yes	9.6	11

Variable #: 14

SAS name: agnosia

SAS label: A2c. Agnosia (vascular)

Categories: cognitive

Usage Notes: none

<b>agnosia</b>	<b>PERCENT</b>	<b>Number</b>
.	33.0	38
0 No	58.2	67
1 Yes	8.6	10

Variable #: 15

SAS name: planning

SAS label: A2d. Dist in exec func (vascular)

Categories: cognitive

Usage Notes: none

<b>planning</b>	<b>PERCENT</b>	<b>Number</b>
.	31.4	36
0 No	5.2	6
1 Yes	63.4	73

Variable #: 16

SAS name: vasonly

SAS label: Cerebrovascular disease only

Categories: cognitive

Usage Notes: none

<b>vasonly</b>	<b>PERCENT</b>	<b>Number</b>
.	26	30
0 No	60	69
1 Yes	14	16

Variable #: 17

SAS name: socfunct

SAS label: B. Declined social funct (vasc.)

Categories: cognitive

Usage Notes: none

<b>socfunct</b>	<b>PERCENT</b>	<b>Number</b>
.	28.6	33
0 No	5.2	6
1 Yes	66.0	76

Variable #: 18

SAS name: focalsig

SAS label: C. Focal signs cerebrovasc disease

Categories: cognitive

Usage Notes: none

<b>focalsig</b>	<b>PERCENT</b>	<b>Number</b>
.	28.6	33
0 No	42.6	49
1 Yes	28.6	33

Variable #: 19

SAS name: delir

SAS label: D. Not just during delirium (vascular)

Categories: cognitive

Usage Notes: none

<b>delir</b>	<b>PERCENT</b>	<b>Number</b>
.	31.4	36
0 No	15.6	18
1 Yes	53.0	61

Variable #: 20

SAS name: learnnew

SAS label: A1. Memory impairment (alzheimers)

Categories: cognitive

Usage Notes: none

<b>learnnew</b>	<b>PERCENT</b>	<b>Number</b>
.	26.0	30
0 No	1.8	2
1 Yes	72.2	83

Variable #: 21

SAS name: langdist

SAS label: A2a. Aphasia (alzheimers)

Categories: cognitive

Usage Notes: none

<b>langdist</b>	<b>PERCENT</b>	<b>Number</b>
.	29.6	34
0 No	30.4	35
1 Yes	40.0	46

Variable #: 22

SAS name: motoract

SAS label: A2b. Apraxia (alzheimers)

Categories: cognitive

Usage Notes: none

<b>motoract</b>	<b>PERCENT</b>	<b>Number</b>
.	40.0	46
0 No	47.8	55
1 Yes	12.2	14

Variable #: 23

SAS name: senfunct

SAS label: A2c. Agnosia (alzheimers)

Categories: cognitive

Usage Notes: none

<b>senfunct</b>	<b>PERCENT</b>	<b>Number</b>
.	37.4	43
0 No	52.2	60
1 Yes	10.4	12

Variable #: 24

SAS name: exefunc

SAS label: A2d. Disturbed executive funct (alzhaim)

Categories: cognitive

Usage Notes: none

<b>exefunc</b>	<b>PERCENT</b>	<b>Number</b>
.	29.6	34
0 No	4.4	5
1 Yes	66.0	76

Variable #: 25

SAS name: alzhonly

SAS label: Alzheimers disease only

Categories: cognitive

Usage Notes: none



<b>alzhonly</b>	<b>PERCENT</b>	<b>Number</b>
.	31.4	36
0 No	30.4	35
1 Yes	38.2	44

Variable #: 26

SAS name: cdeficit

SAS label: B. Declined social funct (alzheim)

Categories: cognitive

Usage Notes: none

<b>cdeficit</b>	<b>PERCENT</b>	<b>Number</b>
.	29.6	34
0 No	2.6	3
1 Yes	67.8	78

Variable #: 27

SAS name: contcogd

SAS label: C. Gradual onset & cont cog decline

Categories: cognitive

Usage Notes: none

<b>contcogd</b>	<b>PERCENT</b>	<b>Number</b>
.	27	31
0 No	7	8
1 Yes	66	76

Variable #: 28

SAS name: hematoma

SAS label: D1. Other prog cognitive conds.

Categories: cognitive

Usage Notes: none

<b>hematoma</b>	<b>PERCENT</b>	<b>Number</b>
.	28.6	33
0 No	34.0	39
1 Yes	37.4	43

Variable #: 29

SAS name: hivinfec

SAS label: D2. Systemic conds. causing dementia

Categories: cognitive

Usage Notes: none

<b>hivinfec</b>	<b>PERCENT</b>	<b>Number</b>
.	31.4	36
0 No	31.4	36
1 Yes	37.4	43

Variable #: 30

SAS name: subinduc

SAS label: D3. Substance induced conditions

Categories: cognitive

Usage Notes: none

<b>subinduc</b>	<b>PERCENT</b>	<b>Number</b>
.	28.6	33
0 No	27.0	31
1 Yes	44.4	51

Variable #: 31

SAS name: delirium

SAS label: E. Not just during delirium (alzheim)

Categories: cognitive

Usage Notes: none

<b>delirium</b>	<b>PERCENT</b>	<b>Number</b>
.	27.0	31
0 No	21.8	25
1 Yes	51.4	59

Variable #: 32

SAS name: schizoph

SAS label: F. No better explanation

Categories: cognitive

Usage Notes: none

<b>schizoph</b>	<b>PERCENT</b>	<b>Number</b>
.	27.8	32
0 No	24.4	28
1 Yes	47.8	55

Variable #: 33

SAS name: alzheime

SAS label: a. Mixed Type Dementia

Categories: cognitive

Usage Notes: none

<b>alzheim</b>	<b>PERCENT</b>	<b>Number</b>
.	60.0	69
0 No	18.2	21
1 Yes	21.8	25

Variable #: 34

SAS name: nphydroc

SAS label: b. Normal Pressure Hydrocephalus

Categories: cognitive

Usage Notes: none

<b>nphydroc</b>	<b>PERCENT</b>	<b>Number</b>
.	69.6	80
0 No	28.6	33
1 Yes	1.8	2

Variable #: 35

SAS name: abngait

SAS label: b. Abnormal Gait

Categories: cognitive

Usage Notes: none

<b>abngait</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 36

SAS name: incontin

SAS label: b. Incontinence

Categories: cognitive

Usage Notes: none

<b>incontin</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 37

SAS name: hydrocep

SAS label: b. Hydrocephalus on CT scan

Categories: cognitive

Usage Notes: none

<b>hydrocep</b>	<b>PERCENT</b>	<b>Number</b>
.	97.4	112
-1 Present	2.6	3

Variable #: 38

SAS name: parkdeme  
SAS label: c. Parkinsons Dementia  
Categories: cognitive  
Usage Notes: none

<b>parkdeme</b>	<b>PERCENT</b>	<b>Number</b>
.	70.4	81
0 No	27.8	32
1 Yes	1.8	2

Variable #: 39  
SAS name: histpark  
SAS label: c. History of Parkinsons Disease  
Categories: cognitive  
Usage Notes: none

<b>histpark</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 40  
SAS name: extrasym  
SAS label: c. Extrapryramidal Symptoms  
Categories: cognitive  
Usage Notes: none

<b>extrasym</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 41  
SAS name: metademe  
SAS label: d. Metabolic Dementia  
Categories: cognitive  
Usage Notes: none

<b>metademe</b>	<b>PERCENT</b>	<b>Number</b>
.	72.2	83
0 No	23.4	27
1 Yes	4.4	5

Variable #: 42  
SAS name: b12  
SAS label: d. Metabolic Dement: B12  
Categories: cognitive  
Usage Notes: none

<b>b12</b>	<b>PERCENT</b>	<b>Number</b>
.	97.4	112
-1 Present	2.6	3

Variable #: 43  
SAS name: folate  
SAS label: d. Metabolic Dement: Folate  
Categories: cognitive  
Usage Notes: none

<b>folate</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 44  
SAS name: thyroid  
SAS label: d. Metabolic Dement: Thyroid Disease  
Categories: cognitive  
Usage Notes: none

<b>thyroid</b>	<b>PERCENT</b>	<b>Number</b>
.	96.6	111
-1 Present	3.4	4

Variable #: 45  
SAS name: liverf  
SAS label: d. Metabolic Dement: Liver Failure  
Categories: cognitive  
Usage Notes: none

<b>liverf</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 46  
SAS name: kidneyf  
SAS label: d. Metabolic Dement: Kidney Failure  
Categories: cognitive  
Usage Notes: none

<b>kidneyf</b>	<b>PERCENT</b>	<b>Number</b>
.	97.4	112
-1 Present	2.6	3

Variable #: 47  
SAS name: lobeltyp  
SAS label: e. Frontal Lobe Dementia  
Categories: cognitive  
Usage Notes: none

lobeltyp	PERCENT	Number
.	70.4	81
0 No	28.6	33
1 Yes	0.8	1

Variable #: 48

SAS name: exedysfu

SAS label: e. Frontal Executive Dysfunction

Categories: cognitive

Usage Notes: none

exedysfu	PERCENT	Number
.	97.4	112
-1 Present	2.6	3

Variable #: 49

SAS name: lfpreser

SAS label: e. Language preserved

Categories: cognitive

Usage Notes: none

lfpreser	PERCENT	Number
.	98.2	113
-1 Present	1.8	2

Variable #: 50

SAS name: diminhib

SAS label: e. Diminished Inhibition

Categories: cognitive

Usage Notes: none

diminhib	PERCENT	Number
.	98.2	113
-1 Present	1.8	2

Variable #: 51

SAS name: decplan

SAS label: e. Decreased Planning

Categories: cognitive

Usage Notes: none

decplan	PERCENT	Number
.	97.4	112
-1 Present	2.6	3

Variable #: 52

SAS name: alcoholr

SAS label: f. Alcohol Related Dementia

Categories: cognitive

Usage Notes: none

<b>alcoholr</b>	<b>PERCENT</b>	<b>Number</b>
.	70.4	81
0 No	28.6	33
1 Yes	0.8	1

Variable #: 53

SAS name: hisabuse

SAS label: f. History of alcohol abuse

Categories: cognitive

Usage Notes: none

<b>hisabuse</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 54

SAS name: wdrawsyn

SAS label: f. Dementia beyond withdrawal

Categories: cognitive

Usage Notes: none

<b>wdrawsyn</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 55

SAS name: demsecon

SAS label: g. Dementia 2ndary to Medical Conds

Categories: cognitive

Usage Notes: none

<b>demsecon</b>	<b>PERCENT</b>	<b>Number</b>
.	70.4	81
0 No	27.0	31
1 Yes	2.6	3

Variable #: 56

SAS name: htrauma

SAS label: g. Head Trauma

Categories: cognitive

Usage Notes: none

<b>htrauma</b>	<b>PERCENT</b>	<b>Number</b>
.	97.4	112
-1 Present	2.6	3

Variable #: 57  
SAS name: pickdise  
SAS label: g. Picks Disease  
Categories: cognitive  
Usage Notes: none

<b>pickdise</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 58  
SAS name: jakobdis  
SAS label: g. Creutzfeldt-Jakob Disease  
Categories: cognitive  
Usage Notes: none

<b>jakobdis</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 59  
SAS name: bratumor  
SAS label: g. Brain Tumor  
Categories: cognitive  
Usage Notes: none

<b>bratumor</b>	<b>PERCENT</b>	<b>Number</b>
.	97.4	112
-1 Present	2.6	3

Variable #: 60  
SAS name: hiv  
SAS label: g. HIV (Secondary Dementia)  
Categories: cognitive  
Usage Notes: none

<b>hiv</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 61  
SAS name: syphilis  
SAS label: g. Syphilis (Secondary Dementia)  
Categories: cognitive  
Usage Notes: none



<b>syphilis</b>	<b>PERCENT</b>	<b>Number</b>
.	98.2	113
-1 Present	1.8	2

Variable #: 62

SAS name: demsedep

SAS label: h. Dementia 2ndary to Depression

Categories: cognitive

Usage Notes: none

<b>demsedep</b>	<b>PERCENT</b>	<b>Number</b>
.	71.4	82
0 No	28.6	33

Variable #: 63

SAS name: otherdem

SAS label: i. Other Dementia Category

Categories: cognitive

Usage Notes: none

<b>otherdem</b>	<b>PERCENT</b>	<b>Number</b>
.	74.8	86
0 No	24.4	28
1 Yes	0.8	1

Variable #: 64

SAS name: labjdementia

SAS label: j. Dementia, unk

Categories: cognitive

Usage Notes: none

<b>labjdementia</b>	<b>PERCENT</b>	<b>Number</b>
.	76.6	88
0 No	20.8	24
1 Yes	2.6	3

Variable #: 65

SAS name: comments

SAS label: Remarks explaining classif

Categories: cognitive

Usage Notes: none

Variable #: 66

SAS name: ontrial

SAS label: On Trial Indicator variable Y-OnTrial, N-Post

Categories: cognitive

Usage Notes: none

<b>ontrial</b>	<b>PERCENT</b>	<b>Number</b>
N	100	115

Variable #: 67  
SAS name: cutoff  
SAS label: On-Trial End Date  
Categories: cognitive  
Usage Notes: none

<b>cutoff</b>	<b>PERCENT</b>	<b>Number</b>
.	100	115

Variable #: 68  
SAS name: id  
SAS label: Participant ID  
Categories: cognitive  
Usage Notes: none

Variable #: 69  
SAS name: p4days  
SAS label: Phase 4 Form Days  
Categories: cognitive  
Usage Notes: none

<b>N</b>	<b>mean</b>	<b>stddeviation</b>	<b>minimum</b>	<b>maximum</b>
115	2886.88	596.71	1827.00	4026.00

Variable #: 70  
SAS name: f39days  
SAS label: Assoc F39 Days  
Categories: cognitive  
Usage Notes: none

<b>N</b>	<b>mean</b>	<b>stddeviation</b>	<b>minimum</b>	<b>maximum</b>
115	2807.32	582.72	1797.00	4005.00

Variable #: 71  
SAS name: PrevMRIDays  
SAS label: Previous MRI Days  
Categories: cognitive  
Usage Notes: none

<b>N</b>	<b>mean</b>	<b>stddeviation</b>	<b>minimum</b>	<b>maximum</b>
100	2830.36	652.70	726.00	4033.00