

WHIMS Coordinating Center Document

Created: May 11, 2010

Dataset Name: whims_post

Description: WHIMS Study Post Trial Form
39 and adjudication information

Structure: multiple rows per participant

Variable #: 1
SAS name: final_dx
SAS label: Final Diagnosis
Categories: cognitive
Usage Notes: none

final_dx	PERCENT	N
.	96.8	19257
1 No Dementia	0.6	117
2 Mild Cognitive Impairment	1.0	188
3 Probable Dementia	1.6	326

Variable #: 2
SAS name: final_class
SAS label: Final Classification
Categories: cognitive
Usage Notes: none

final_class	PERCENT	N
.	98.4	19562
1 Probable Vascular	0.2	51
2 Probable Alzheimers	1.0	180
3 Other	0.4	95

Variable #: 3

SAS name: clin_diag

SAS label: Clinician Diagnosis

Categories: cognitive

Usage Notes: derived variable

clin_diag	PERCENT	N
.	96.8	19259
1 No Dementia	0.6	113
2 Minor Cognitive Impairment	1.2	231
3 Probable Dementia	1.4	285

Variable #: 4

SAS name: clinspecif

SAS label: Clinician Diag. Specify Other Dementia

Categories: cognitive

Usage Notes: none

clinspecif	PERCENT	N
.	100	19881
6 Combination of early AD,VD & hypothyroidism	0	2
8 Lewy body dementia vs subcortical VCD missed by CT	0	1
19 Mild cognitive impairment; amnesic	0	4

Variable #: 5

SAS name: clinoth

SAS label: Clinician Diag. Other Dementia

Categories: cognitive

Usage Notes: none

clinoth	PERCENT	N
.	99.4	19788
A Dementia: Mixed Type	0.2	58
B Normal Pressure Hydrocephalus	0.0	7
C Parkinsons Dementia	0.0	1
D Metabolic Dementia	0.0	6
E Dementia of Frontal Lobe Type	0.0	4
F Alcohol-Related Dementia	0.0	5
G Dementia Secondary to Specific Medical Conditions	0.0	2

clinoth	PERCENT	N
H Dementia Secondary to Depression	0.0	2
I Other Dementia Category	0.0	8
J Dementia, etiology unknown, cannot be determined	0.0	7

Variable #: 6
SAS name: clinclass
SAS label: Clinician Classification
Categories: cognitive
Usage Notes: none

clinclass	PERCENT	N
.	98.6	19619
1 Probable Vascular	0.2	33
2 Probable Alzheimers	0.6	136
3 Other	0.6	100

Variable #: 7
SAS name: final_oth
SAS label: Final Classification Other Dementia
Categories: cognitive
Usage Notes: none

final_oth	PERCENT	N
.	99.6	19793
A Dementia: Mixed Type	0.4	67
B Normal Pressure Hydrocephalus	0.0	1
C Parkinsons Dementia	0.0	1
E Dementia of Frontal Lobe Type	0.0	4
G Dementia Secondary to Specific Medical Conditions	0.0	1
I Other Dementia Category	0.0	11
J Dementia, etiology unknown, cannot be determined	0.0	10

Variable #: 8
SAS name: fothspec
SAS label: Final Specify Other Dementia
Categories: cognitive
Usage Notes: none

fothspec	PERCENT	N
.	100	19877
2 Prob AD;vascular mixed;possible contribution of NPH	0	2
3 Past subarachnoid hemorrhage w/hydrocephalus	0	4
5 Lewy body dementia	0	1

fothspe	PERCENT	N
6 Combination of early AD,VD & hypothyroidism	0	2
17 Alzheimer"s Disease/hypothyroidism	0	2

Variable #: 9
SAS name: s1p1
SAS label: Q1.1 City/Town Score
Categories: cognitive
Usage Notes: none

s1p1	PERCENT	N
.	0.0	5
0	0.2	29
1	99.8	19854

Variable #: 10
SAS name: s1p2
SAS label: Q1.2 State/Country Score
Categories: cognitive
Usage Notes: none

s1p2	PERCENT	N
.	0.0	9
0	1.0	211
1	98.8	19668

Variable #: 11
SAS name: s2a
SAS label: Q2a Repeat Socks Score
Categories: cognitive
Usage Notes: none

s2a	PERCENT	N
0	0.8	169
1	99.2	19719

Variable #: 12
SAS name: s2b
SAS label: Q2b Repeat Blue Score
Categories: cognitive
Usage Notes: none

s2b	PERCENT	N
0	0.4	64
1	99.6	19824

Variable #: 13

SAS name: s2c
SAS label: Q2c Repeat Charity Score
Categories: cognitive
Usage Notes: none

s2c	PERCENT	N
.	0.0	1
0	0.8	165
1	99.2	19722

Variable #: 14
SAS name: s5p1
SAS label: Q5.1 Recall Socks Score
Categories: cognitive
Usage Notes: none

s5p1	PERCENT	N
.	0.0	1
0	1.0	208
1	3.2	626
2	5.4	1057
3	90.4	17996

Variable #: 15
SAS name: s5p2
SAS label: Q5.2 Recall Blue Score
Categories: cognitive
Usage Notes: none

s5p2	PERCENT	N
0	1	181
1	2	389
2	4	815
3	93	18503

Variable #: 16
SAS name: s5p3
SAS label: Q5.3 Recall Charity Score
Categories: cognitive
Usage Notes: none

s5p3	PERCENT	N
.	0.0	5
0	1.8	375
1	7.2	1445
2	3.8	750
3	87.0	17313

Variable #: 17
SAS name: s6p2
SAS label: Q6.2 Day of Week Score
Categories: cognitive
Usage Notes: none

s6p2	PERCENT	N
.	0.0	2
0	1.8	377
1	98.0	19509

Variable #: 18
SAS name: s6p3
SAS label: Q6.3 Season of Year Score
Categories: cognitive
Usage Notes: none

s6p3	PERCENT	N
.	0.0	4
0	1.6	321
1	98.4	19563

Variable #: 19
SAS name: s7p2
SAS label: Q7.2 Country Score
Categories: cognitive
Usage Notes: none

s7p2	PERCENT	N
.	0.0	4
0	0.4	99
1	99.4	19785

Variable #: 20
SAS name: s7p3
SAS label: Q7.3 City/Town Score
Categories: cognitive
Usage Notes: none

s7p3	PERCENT	N
.	0.0	2
0	0.8	163
1	99.2	19723

Variable #: 21
SAS name: s7p4
SAS label: Q7.4 Clinic/Store/Home Score
Categories: cognitive

Usage Notes: none

s7p4	PERCENT	N
.	0.0	1
0	0.2	26
1	99.8	19861

Variable #: 22

SAS name: s8p3

SAS label: Q8.3 Forehead Score

Categories: cognitive

Usage Notes: none

s8p3	PERCENT	N
.	0	7
0	1	189
1	99	19692

Variable #: 23

SAS name: s8p4

SAS label: Q8.4 Chin Score

Categories: cognitive

Usage Notes: none

s8p4	PERCENT	N
.	0.0	6
0	0.2	27
1	99.8	19855

Variable #: 24

SAS name: s8p5

SAS label: Q8.5 Shoulder Score

Categories: cognitive

Usage Notes: none

s8p5	PERCENT	N
.	0.0	6
0	0.8	147
1	99.2	19735

Variable #: 25

SAS name: s8p6

SAS label: Q8.6 Elbow Score

Categories: cognitive

Usage Notes: none

s8p6	PERCENT	N
.	0.0	5
0	0.4	68
1	99.6	19815

Variable #: 26
SAS name: s8p7
SAS label: Q8.7 Knuckle Score
Categories: cognitive
Usage Notes: none

s8p7	PERCENT	N
.	0.0	8
0	2.2	425
1	97.8	19455

Variable #: 27
SAS name: s10p1
SAS label: Q10.1 Arm/Leg Score
Categories: cognitive
Usage Notes: none

s10p1	PERCENT	N
.	0.0	3
0	2.4	487
1	36.2	7182
2	61.4	12216

Variable #: 28
SAS name: s10p2
SAS label: Q10.2 Laugh/Cry Score
Categories: cognitive
Usage Notes: none

s10p2	PERCENT	N
.	0.0	7
0	4.0	814
1	8.0	1602
2	87.8	17465

Variable #: 29
SAS name: s10p3
SAS label: Q10.3 Eat/Sleep Score
Categories: cognitive
Usage Notes: none

s10p3	PERCENT	N
.	0.0	8
0	5.0	1014
1	33.2	6599
2	61.6	12267

Variable #: 30
SAS name: s11
SAS label: Q11 Repeat Sentence Score
Categories: cognitive
Usage Notes: none

s11	PERCENT	N
.	0.0	2
0	0.0	2
1	0.2	50
2	99.8	19834

Variable #: 31
SAS name: s12p1
SAS label: Q12.1 No Ifs Score
Categories: cognitive
Usage Notes: none

s12p1	PERCENT	N
.	0.0	2
0	8.8	1754
1	91.2	18132

Variable #: 32
SAS name: s12p2
SAS label: Q12.2 No Ands Score
Categories: cognitive
Usage Notes: none

s12p2	PERCENT	N
.	0.0	2
0	2.8	568
1	97.2	19318

Variable #: 33
SAS name: s12p3
SAS label: Q12.3 No Buts Score
Categories: cognitive
Usage Notes: none

s12p3	PERCENT	N
.	0.0	2
0	2.6	532
1	97.4	19354

Variable #: 34
SAS name: s13
SAS label: Q13 Do This Score
Categories: cognitive
Usage Notes: none

s13	PERCENT	N
.	0.0	19
0	0.0	8
1	0.2	29
2	0.6	137
3	99.0	19695

Variable #: 35
SAS name: s14p1
SAS label: Q14.1 Write Sentence/Would Score
Categories: cognitive
Usage Notes: none

s14p1	PERCENT	N
.	0.0	15
0	1.4	263
1	98.6	19610

Variable #: 36
SAS name: s14p2
SAS label: Q14.2 Write Sentence/Like Score
Categories: cognitive
Usage Notes: none

s14p2	PERCENT	N
.	0.0	15
0	2.2	449
1	97.6	19424

Variable #: 37
SAS name: s14p3
SAS label: Q14.3 Write Sentence/To Score
Categories: cognitive
Usage Notes: none

s14p3	PERCENT	N
.	0.0	16
0	1.4	262
1	98.6	19610

Variable #: 38
SAS name: s14p4
SAS label: Q14.4 Write Sentence/Go Score
Categories: cognitive
Usage Notes: none

s14p4	PERCENT	N
.	0.0	14
0	0.8	162
1	99.2	19712

Variable #: 39
SAS name: s14p5
SAS label: Q14.5 Write Sentence/Out Score
Categories: cognitive
Usage Notes: none

s14p5	PERCENT	N
.	0.0	14
0	1.4	263
1	98.6	19611

Variable #: 40
SAS name: s15p1
SAS label: Q15.1 Draw Pentagon 1 Score
Categories: cognitive
Usage Notes: none

s15p1	PERCENT	N
.	0.2	28
0	0.0	6
1	0.4	73
2	2.8	548
3	5.6	1133
4	91.0	18100

Variable #: 41
SAS name: s15p2
SAS label: Q15.2 Draw Pentagon 2 Score
Categories: cognitive
Usage Notes: none

s15p2	PERCENT	N
.	0.2	28
0	0.0	18
1	0.4	72
2	3.4	681
3	6.6	1316
4	89.4	17773

Variable #: 42
SAS name: s15p3
SAS label: Q15.3 Pentagon Intersect Score
Categories: cognitive
Usage Notes: none

s15p3	PERCENT	N
.	0.2	30
0	0.6	111
1	5.2	1050
2	94.0	18696
3	0.0	1

Variable #: 43
SAS name: s16p1
SAS label: Q16.1 Take Paper Score
Categories: cognitive
Usage Notes: none

s16p1	PERCENT	N
.	0.0	15
0	2.2	418
1	97.8	19455

Variable #: 44
SAS name: s16p2
SAS label: Q16.2 Fold Paper Score
Categories: cognitive
Usage Notes: none

s16p2	PERCENT	N
.	0.0	11
0	0.6	127
1	99.4	19750

Variable #: 45
SAS name: s16p3
SAS label: Q16.3 Hand Paper Back Score

Categories: cognitive

Usage Notes: none

s16p3	PERCENT	N
.	0.0	11
0	4.6	934
1	95.2	18943

Variable #: 46

SAS name: s17p1

SAS label: Q17.1 Recall 2/Socks Score

Categories: cognitive

Usage Notes: none

s17p1	PERCENT	N
.	0.0	1
0	1.8	347
1	4.0	802
2	5.2	1041
3	89.0	17697

Variable #: 47

SAS name: s17p2

SAS label: Q17.2 Recall 2/Blue Score

Categories: cognitive

Usage Notes: none

s17p2	PERCENT	N
.	0.0	1
0	0.8	171
1	1.4	271
2	3.0	597
3	94.8	18848

Variable #: 48

SAS name: s17p3

SAS label: Q17.3 Recall 2/Charity Score

Categories: cognitive

Usage Notes: none

s17p3	PERCENT	N
.	0.0	2
0	1.8	360
1	6.0	1210
2	3.0	580
3	89.2	17736

Variable #: 49
SAS name: s7p1
SAS label: Q7.1 State Score
Categories: cognitive
Usage Notes: none

s7p1	PERCENT	N
.	0.0	3
0	0.4	69
2	99.6	19816

Variable #: 50
SAS name: s1
SAS label: Q1 Birth Date Score
Categories: cognitive
Usage Notes: none

s1	PERCENT	N
0	0.2	26
1	0.2	49
2	2.4	470
3	97.2	19343

Variable #: 51
SAS name: s9
SAS label: Q9 Animals Score
Categories: cognitive
Usage Notes: none

s9	PERCENT	N
0	0.0	9
1	0.0	5
2	0.2	20
3	0.2	46
4	0.6	115
5	1.0	218
6	2.2	433
7	4.4	889
8	7.6	1511
9	9.6	1926
10	74.0	14716

Variable #: 52
SAS name: s3p2
SAS label: Q3.2 Count Backwards Score
Categories: cognitive

Usage Notes: none

s3p2	PERCENT	N
0	0.0	18
1	0.0	17
2	99.8	19853

Variable #: 53

SAS name: s6p1

SAS label: Q6.1 Todays Date Score

Categories: cognitive

Usage Notes: none

s6p1	PERCENT	N
0	0.4	61
1	0.0	16
2	0.2	22
3	0.0	11
4	0.2	27
5	0.4	95
6	0.0	15
7	0.2	21
8	0.2	30
9	0.4	61
10	0.6	134
11	1.2	234
12	7.2	1417
13	89.2	17744

Variable #: 54

SAS name: s4p2

SAS label: Q4.2 Spell World Backwards Score

Categories: cognitive

Usage Notes: none

s4p2	PERCENT	N
0	0.2	42
1	0.0	9
2	0.2	45
3	0.8	145
4	7.2	1438
5	91.6	18209

Variable #: 55

SAS name: finscor
 SAS label: 3MS Score
 Categories: cognitive
 Usage Notes: Derived variable. See WHIMS Data Preparation Document for details.

N	mean	stddeviation	minimum	maximum
19884	96.26	5.24	15.00	100.00

Variable #: 56
 SAS name: year
 SAS label: WHIMS Year
 Categories: cognitive
 Usage Notes: none

year	PERCENT	N
4 Year 4	0.6	135
5 Year 5	9.8	1944
6 Year 6	19.8	3920
7 Year 7	21.8	4319
8 Year 8	18.4	3650
9 Year 9	16.8	3326
10 Year 10	11.0	2179
11 Year 11	2.0	389
12 Year 12	0.2	25
13 Year 13	0.0	1

Variable #: 57
 SAS name: number
 SAS label: Number associated with visits in a year
 Categories: cognitive
 Usage Notes: none

number	PERCENT	N
1	98.8	19661
2	1.2	224
3	0.0	3

Variable #: 58
 SAS name: reg
 SAS label: (Subscale)Registration
 Categories: cognitive
 Usage Notes: derived variable

reg	PERCENT	N
.	0.0	1
0	0.0	15
1	0.2	38
2	1.4	277
3	98.4	19557

Variable #: 59

SAS name: reverse

SAS label: (Subscale)Mental reversal

Categories: cognitive

Usage Notes: derived variable

reverse	PERCENT	N
0	0.0	11
1	0.0	2
2	0.2	31
3	0.0	10
4	0.2	46
5	0.8	148
6	7.2	1444
7	91.4	18196

Variable #: 60

SAS name: frecall

SAS label: (Subscale)First recall

Categories: cognitive

Usage Notes: derived variable

freccall	PERCENT	N
.	0.0	6
0	0.2	28
1	0.2	50
2	0.4	82
3	0.6	133
4	1.0	186
5	1.4	288
6	2.8	542
7	6.8	1371
8	6.8	1351
9	79.8	15851

Variable #: 61

SAS name: t_orient
 SAS label: (Subscale)Temporal orientation
 Categories: cognitive
 Usage Notes: derived variable

t_orient	PERCENT	N
.	0.0	5
0	0.2	25
1	0.2	24
2	0.2	27
3	0.0	18
4	0.0	10
5	0.0	14
6	0.2	30
7	0.4	91
8	0.0	16
9	0.2	25
10	0.2	32
11	0.4	76
12	0.6	127
13	1.4	286
14	8.6	1719
15	87.4	17363

Variable #: 62
 SAS name: s_orient
 SAS label: (Subscale)Spatial orientation
 Categories: cognitive
 Usage Notes: derived variable

s_orient	PERCENT	N
.	0.0	6
0	0.0	4
1	0.0	8
2	0.2	27
3	0.2	41
4	1.0	209
5	98.6	19593

Variable #: 63
 SAS name: naming
 SAS label: (Subscale)Naming
 Categories: cognitive
 Usage Notes: derived variable

naming	PERCENT	N
.	0.0	6
0	0.0	6
1	0.0	5
2	0.0	18
3	0.2	51
4	3.2	649
5	96.4	19153

Variable #: 64

SAS name: animals

SAS label: (Subscale)Four-legged animals

Categories: cognitive

Usage Notes: derived variable

animals	PERCENT	N
0	0.0	9
1	0.0	5
2	0.2	20
3	0.2	46
4	0.6	115
5	1.0	218
6	2.2	433
7	4.4	889
8	7.6	1511
9	9.6	1926
10	74.0	14716

Variable #: 65

SAS name: similar

SAS label: (Subscale)Similarities

Categories: cognitive

Usage Notes: derived variable

similar	PERCENT	N
.	0.0	13
0	0.4	99
1	1.0	212
2	2.2	437
3	5.6	1094
4	15.8	3126
5	35.6	7061
6	39.4	7846

Variable #: 66
SAS name: repeat
SAS label: (Subscale)Repetition
Categories: cognitive
Usage Notes: derived variable

repeat	PERCENT	N
.	0.0	5
1	0.0	1
2	0.6	123
3	1.6	321
4	9.6	1892
5	88.2	17546

Variable #: 67
SAS name: readobey
SAS label: (Subscale)Read and obey
Categories: cognitive
Usage Notes: derived variable

readobey	PERCENT	N
.	0.0	19
0	0.0	8
1	0.2	29
2	0.6	137
3	99.0	19695

Variable #: 68
SAS name: writing
SAS label: (Subscale)Writing
Categories: cognitive
Usage Notes: derived variable

writing	PERCENT	N
.	0.0	15
0	0.0	12
1	0.0	10
2	0.2	54
3	1.0	198
4	3.8	741
5	94.8	18858

Variable #: 69
SAS name: pentagon
SAS label: (Subscale)Copying pentagons
Categories: cognitive

Usage Notes: derived variable

pentagon	PERCENT	N
.	0.2	30
0	0.0	4
1	0.0	4
2	0.0	18
3	0.0	17
4	0.2	32
5	0.4	75
6	0.8	167
7	1.6	309
8	5.2	1046
9	10.6	2116
10	80.8	16070

Variable #: 70

SAS name: command

SAS label: (Subscale)Three-staged command

Categories: cognitive

Usage Notes: derived variable

command	PERCENT	N
.	0.0	16
0	0.0	6
1	0.4	71
2	6.6	1319
3	93.0	18476

Variable #: 71

SAS name: srecall

SAS label: (Subscale)Second recall

Categories: cognitive

Usage Notes: derived variable

srecall	PERCENT	N
.	0.0	2
0	0.2	47
1	0.4	61
2	0.6	104
3	0.8	152
4	1.0	181
5	1.4	272

srecall	PERCENT	N
6	2.6	508
7	5.8	1143
8	5.4	1063
9	82.2	16355

Variable #: 72

SAS name: progress

SAS label: Progressed (0=NO, 1=YES)

Categories: cognitive

Usage Notes: none

progress	PERCENT	N
.	0.0	3
0 No	95.4	18982
1 Yes	4.4	888
9 Previously Progressed	0.0	15

Variable #: 73

SAS name: pre_adj_stat

SAS label: Pre Adjudication Status

Categories: cognitive

Usage Notes: none

pre_adj_stat	PERCENT	N
.	95.4	18984
1 Refusal	0.4	99
2 Illness/Injury	0.2	30
3 Surgery	0.0	1
4 Deceased	0.0	3
6 Random	0.6	136
8 Adjudication	2.4	495
10 Not Tested/Cog. Impairment	0.0	2
12 Refused due to family/caregiver responsibilities	0.0	2
13 Missed Data	0.4	96
14 Data Missing due to transportation	0.2	21
15 Nursing Home	0.0	8
16 Spanish Speaking Only	0.0	3
18 Ppt Moved/Relocated	0.0	8

Variable #: 74

SAS name: ID

SAS label: Participant ID

Categories: cognitive

Usage Notes: none

Variable #: 75

SAS name: f39days

SAS label: Form 39 days since randomization

Categories: cognitive

Usage Notes: none

N	mean	stddeviation	minimum	maximum
19888	2750.43	581.31	1437.00	4683.00