

# WHIMS Coordinating Center Document

Created: October 19, 2012

Dataset Name: whims\_ontrial

Structure: multiple rows per participant

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Variable #: 1  
SAS name: f39days SAS label: Form 39 days  
since randomization Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
40420	903.749	677.009	-258	3055

Variable #: 2  
SAS name: year SAS  
label: WHIMS Year  
Categories: cognitive  
Usage Notes: none

year	PERCENT	Number
0	18.4	7417
1	17.4	7063
2	16.6	6720
3	16.6	6692
4	15.2	6111
5	10.0	4034
6	4.6	1875
7	1.2	483
8	0.0	25

Variable #: 3  
SAS name: s1  
SAS label: Q1 Birth Date Score  
Categories: cognitive Usage  
Notes: none

s1	PERCENT	Number
.	0.0	1
0	0.0	16
1	0.0	34
2	1.6	613
3	98.4	39756

Variable #: 4

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

<b>s1p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	28
0	0.0	29
1	99.8	40363

Variable #: 5  
SAS name: s1p2  
SAS label: Q1.2 State/Country Score  
Categories: cognitive Usage Notes:  
none

<b>s1p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	36
0	0.4	150
1	99.6	40234

Variable #: 6  
SAS name: s2a SAS label: Q2a  
Repeat Socks Score Categories:  
cognitive Usage Notes: none

<b>s2a</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	10
0	0.6	227
1	99.4	40183

Variable #: 7  
SAS name: s2b SAS label: Q2b  
Repeat Blue Score Categories:  
cognitive Usage Notes: none

<b>s2b</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	9
0	0.2	91
1	99.8	40320

Variable #: 8

SAS name: s2c

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

<b>s2c</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	15
0	0.6	211
1	99.4	40194

Variable #: 9  
SAS name: s3p2  
SAS label: Q3.2 Count Backwards Score  
Categories: cognitive  
Usage Notes: none

<b>s3p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	1
0	0.0	28
1	0.0	32
2	99.8	40359

Variable #: 10  
SAS name: s4p2  
SAS label: Q4.2 Spell World Backwards Score  
Categories: cognitive  
Usage Notes: none

<b>s4p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	1
0	0.2	61
1	0.0	15
2	0.2	54
3	0.8	299
4	8.8	3541
5	90.2	36449

Variable #: 11  
SAS name: s5p1  
SAS label: Q5.1 Recall Socks Score  
Categories: cognitive Usage Notes:  
none

<b>s5p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	7
0	0.8	359
1	3.6	1444
2	5.6	2259
3	90.0	36351

Variable #: 12  
SAS name: s5p2  
SAS label: Q5.2 Recall Blue Score  
Categories: cognitive Usage  
Notes: none

<b>s5p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	6
0	1.0	402
1	2.2	851
2	3.8	1576
3	93.0	37585

Variable #: 13  
SAS name: s5p3  
SAS label: Q5.3 Recall Charity Score  
Categories: cognitive Usage Notes:  
none

<b>s5p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	8
0	2.4	985
1	11.2	4562
2	5.2	2108
3	81.0	32757

Variable #: 14  
SAS name: s6p1  
SAS label: Q6.1 Todays Date Score  
Categories: cognitive Usage Notes:  
none

<b>s6p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	1
0	0.2	46
1	0.0	2
2	0.0	6
3	0.0	3
4	0.0	15
5	0.2	76
6	0.0	8
7	0.0	11
8	0.0	25
9	0.2	76
10	0.4	170
11	0.6	263
12	4.8	1905
13	93.6	37813

Variable #: 15  
SAS name: s6p2  
SAS label: Q6.2 Day of Week Score  
Categories: cognitive Usage Notes:  
none

<b>s6p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	13
0	1.2	460
1	98.8	39947

Variable #: 16  
SAS name: s6p3  
SAS label: Q6.3 Season of Year Score  
Categories: cognitive Usage Notes:  
none

<b>s6p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	14
0	1.4	576
1	98.6	39830



Variable #: 17

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

<b>s7p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	16
0	0.4	137
2	99.6	40267

Variable #: 18  
SAS name: s7p2  
SAS label: Q7.2 Country Score  
Categories: cognitive Usage  
Notes: none

<b>s7p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	20
0	0.4	176
1	99.6	40224

Variable #: 19  
SAS name: s7p3  
SAS label: Q7.3 City/Town Score  
Categories: cognitive Usage  
Notes: none

<b>s7p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	23
0	0.8	308
1	99.2	40089

Variable #: 20  
SAS name: s7p4  
SAS label: Q7.4 Clinic/Store/Home Score  
Categories: cognitive  
Usage Notes: none

<b>s7p4</b>	<b>PERCENT</b>	<b>Number</b>
.	0	14
0	0	19
1	100	40387

Variable #: 21  
SAS name: s8p3

SAS label: Q8.3 Forehead Score  
Categories: cognitive Usage  
Notes: none

<b>s8p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	17
0	0.8	293
1	99.2	40110

Variable #: 22  
SAS name: s8p4  
SAS label: Q8.4 Chin Score  
Categories: cognitive  
Usage Notes: none

<b>s8p4</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	14
0	0.2	48
1	99.8	40358

Variable #: 23  
SAS name: s8p5  
SAS label: Q8.5 Shoulder Score  
Categories: cognitive Usage  
Notes: none

<b>s8p5</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	18
0	0.6	251
1	99.4	40151

Variable #: 24  
SAS name: s8p6  
SAS label: Q8.6 Elbow Score  
Categories: cognitive Usage  
Notes: none

<b>s8p6</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	15
0	0.2	84
1	99.8	40321

Variable #: 25  
SAS name: s8p7  
SAS label: Q8.7 Knuckle Score

Categories: cognitive  
Usage Notes: none

<b>s8p7</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	27
0	2.2	868
1	97.8	39525

Variable #: 26  
SAS name: s9  
SAS label: Q9 Animals Score  
Categories: cognitive Usage  
Notes: none

<b>s9</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	1
0	0.0	12
1	0.0	2
2	0.0	19
3	0.2	58
4	0.6	218
5	1.4	605
6	3.0	1248
7	5.8	2352
8	8.8	3531
9	11.2	4557
10	68.8	27817

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

<b>s10p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	13
0	4.0	1617
1	47.4	19191
2	48.4	19599

Variable #: 28  
SAS name: s10p2

SAS label: Q10.2 Laugh/Cry Score  
Categories: cognitive Usage  
Notes: none

<b>s10p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	16
0	6.2	2488
1	10.4	4223
2	83.4	33693

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

<b>s10p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	38
0	8.0	3213
1	33.2	13441
2	58.8	23728

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

<b>s11</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	12
0	0.0	11
1	0.2	76
2	99.8	40321

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

<b>s12p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0	8



0	8	3229
1	92	37183

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

s12p2	PERCENT	Number
.	0.0	13
0	2.6	1045
1	97.4	39362

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

s12p3	PERCENT	Number
.	0.0	29
0	2.8	1157
1	97.0	39234

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

s13	PERCENT	Number
.	0.2	42
0	0.0	6
1	0.2	90
2	0.8	359
3	98.8	39923

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

<b>s14p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	45
0	1.0	400
1	98.8	39975

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

<b>s14p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	50
0	1.6	646
1	98.2	39724

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

<b>s14p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	47
0	0.8	332
1	99.0	40041

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

<b>s14p4</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	48
0	0.6	225
1	99.4	40147

Variable #: 39  
 SAS name: s14p5  
 SAS label: Q14.5 Write Sentence/Out Score  
 Categories: cognitive

Usage Notes: none

<b>s14p5</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	58
0	0.8	300
1	99.2	40062

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

<b>s15p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	94
0	0.0	7
1	0.2	106
2	2.4	973
3	6.2	2543
4	90.8	36697

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

<b>s15p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	97
0	0.0	19
1	0.2	94
2	3.0	1221
3	7.0	2833
4	89.4	36156

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

<b>s15p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	92
0	0.4	194
1	4.6	1860
2	94.6	38274

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

<b>s16p1</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	37
0	2.8	1128
1	97.2	39254
99	0.0	1

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

<b>s16p2</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	38
0	0.8	312
1	99.2	40069
99	0.0	1

Variable #: 45  
SAS name: s16p3  
SAS label: Q16.3 Hand Paper Back Score  
Categories: cognitive  
Usage Notes: none

<b>s16p3</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	46
0	5.0	1981
1	95.0	38392

99	0.0	1
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Variable #: 46  
 SAS name: s17p1  
 SAS label: Q17.1 Recall 2/Socks Score  
 Categories: cognitive Usage Notes:  
 none

s17p1	PERCENT	Number
.	0.0	8
0	1.4	570
1	4.4	1786
2	5.4	2202
3	88.8	35854

Variable #: 47  
 SAS name: s17p2  
 SAS label: Q17.2 Recall 2/Blue Score  
 Categories: cognitive Usage Notes:  
 none

s17p2	PERCENT	Number
.	0.0	7
0	0.8	335
1	1.2	481
2	2.6	1077
3	95.2	38520

Variable #: 48  
 SAS name: s17p3  
 SAS label: Q17.3 Recall 2/CharityScore  
 Categories: cognitive  
 Usage Notes: none

s17p3	PERCENT	Number
.	0.0	9
0	1.8	741
1	6.0	2390
2	3.2	1276
3	89.0	36004

Variable #: 49



SAS name: animals SAS label:  
(Subscale)Four-legged animals  
Categories: cognitive

Usage Notes: none

<b>animals</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	1
0	0.0	12
1	0.0	2
2	0.0	19
3	0.2	58
4	0.6	218
5	1.4	605
6	3.0	1248
7	5.8	2352
8	8.8	3531
9	11.2	4557
10	68.8	27817

Variable #: 50

SAS name: command SAS label:  
(Subscale)Three-staged command  
Categories: cognitive  
Usage Notes: none

<b>command</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	52
0	0.0	20
1	0.4	145
2	7.6	3071
3	91.8	37132

Variable #: 51

SAS name: frecall SAS label:  
(Subscale)First recall  
Categories: cognitive Usage  
Notes: none

<b>freccall</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	9
0	0.2	62
1	0.2	60

2	0.4	139
3	0.6	266

<b>frecall</b>	<b>PERCENT</b>	<b>Number</b>
4	1.0	408
5	2.0	787
6	4.0	1648
7	10.0	4021
8	7.6	3112
9	74.0	29908

Variable #: 52  
 SAS name: naming SAS label:  
 (Subscale)Naming  
 Categories: cognitive Usage  
 Notes: none

<b>naming</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	17
0	0.0	5
1	0.0	4
2	0.0	12
3	0.2	113
4	3.0	1241
5	96.6	39028

Variable #: 53  
 SAS name: pentagon SAS label:  
 (Subscale)Copying pentagons  
 Categories: cognitive  
 Usage Notes: none

<b>pentagon</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	102
0	0.0	7
1	0.0	2
2	0.0	21
3	0.0	17
4	0.2	58
5	0.4	161
6	0.8	296

7	1.4	559
8	5.0	2015

pentagon	PERCENT	Number
9	10.6	4291
10	81.4	32891

Variable #: 54

SAS name: readobey SAS label:

(Subscale)Read and obey

Categories: cognitive Usage Notes:

none

readobey	PERCENT	Number
.	0.2	42
0	0.0	6
1	0.2	90
2	0.8	359
3	98.8	39923

Variable #: 55

SAS name: reg SAS label:

(Subscale)Registration

Categories: cognitive Usage

Notes: none

reg	PERCENT	Number
.	0.0	16
0	0.0	30
1	0.2	44
2	0.8	351
3	99.0	39979

Variable #: 56

SAS name: repeat SAS label:

(Subscale)Repetition

Categories: cognitive Usage

Notes: none

repeat	PERCENT	Number
.	0.0	39
0	0.0	2
1	0.0	6

2	0.6	214
3	1.6	609

<b>repeat</b>	<b>PERCENT</b>	<b>Number</b>
4	9.0	3630
5	88.8	35920

Variable #: 57

SAS name: reverse SAS label:

(Subscale)Mental reversal

Categories: cognitive Usage Notes:

none

<b>reverse</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	1
0	0.0	12
1	0.0	3
2	0.2	47
3	0.0	16
4	0.2	60
5	0.8	312
6	8.8	3549
7	90.2	36420

Variable #: 58

SAS name: s\_orient SAS label:

(Subscale)Spatial orientation

Categories: cognitive

Usage Notes: none

<b>s_orient</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	43
0	0.0	2
1	0.0	6
2	0.0	15
3	0.4	127
4	1.0	441
5	98.4	39786

Variable #: 59

SAS name: similar SAS label:

(Subscale)Similarities

Categories: cognitive Usage



Notes: none

<b>similar</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	52
0	0.8	294
1	2.0	804
2	3.8	1525
3	8.4	3430
4	19.2	7760
5	34.0	13740
6	31.8	12815

Variable #: 60  
SAS name: srecall SAS label:  
(Subscale)Second recall  
Categories: cognitive Usage Notes:  
none

<b>srecall</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	11
0	0.2	61
1	0.2	75
2	0.4	144
3	0.6	272
4	0.8	340
5	1.4	565
6	2.8	1119
7	6.6	2653
8	6.0	2393
9	81.2	32787

Variable #: 61  
SAS name: t\_orient SAS label:  
(Subscale)Temporal orientation  
Categories: cognitive  
Usage Notes: none

<b>t_orient</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	17
0	0.0	20
1	0.0	16

2	0.0	10
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<b>t_orient</b>	<b>PERCENT</b>	<b>Number</b>
3	0.0	3
4	0.0	5
5	0.0	5
6	0.0	13
7	0.2	74
8	0.0	10
9	0.0	21
10	0.0	25
11	0.2	89
12	0.4	160
13	0.8	348
14	6.4	2584
15	91.6	37020

Variable #: 62  
SASname: writing SASlabel:  
(Subscale)Writing  
Categories: cognitive Usage  
Notes: none

<b>writing</b>	<b>PERCENT</b>	<b>Number</b>
.	0.2	48
0	0.0	12
1	0.0	18
2	0.2	83
3	0.6	243
4	2.6	1036
5	96.4	38980

Variable #: 63  
SASname: clin\_diag SAS  
label: Clinican Diagnosis  
Categories: cognitive Usage  
Notes: none

<b>clin_diag</b>	<b>PERCENT</b>	<b>Number</b>
.	97.6	39459
1	0.8	321
2	1.0	388
3	0.6	252

Variable #: 64  
SAS name: clinclass SAS label:  
Clinician Classification  
Categories: cognitive Usage  
Notes: none

<b>clinclass</b>	<b>PERCENT</b>	<b>Number</b>
.	99.4	40175
1	0.0	29
2	0.2	116
3	0.2	100

Variable #: 65  
SAS name: clinoth SAS label: Clinician  
Diag. Other Dementia Categories:  
cognitive  
Usage Notes: none

<b>clinoth</b>	<b>PERCENT</b>	<b>Number</b>
	99.8	40320
A	0.0	40
B	0.0	7
C	0.0	3
D	0.0	11
E	0.0	4
F	0.0	6
G	0.0	5
H	0.0	3
I	0.0	10
J	0.0	11

Variable #: 66  
SAS name: clinspecif SAS label: Clinician Diag.

Specify Other Dementia Categories: cognitive  
Usage Notes: none

<b>clinspecif</b>	<b>PERCENT</b>	<b>Number</b>
.	100	40410
6	0	4
8	0	3
13	0	1
14	0	1
19	0	1

Variable #: 67

SAS name: final\_class SAS

label: Final Classification

Categories: cognitive Usage

Notes: none

<b>final_class</b>	<b>PERCENT</b>	<b>Number</b>
.	99.4	40165
1	0.0	18
2	0.4	133
3	0.2	104

Variable #: 68

SAS name: final\_dx SAS

label: Final Diagnosis

Categories: cognitive

Usage Notes: none

<b>final_dx</b>	<b>PERCENT</b>	<b>Number</b>
.	97.6	39459
1	0.8	361
2	0.8	345
3	0.6	255

Variable #: 69

SAS name: final\_oth SAS label: Final

Classification Other Dementia Categories:

cognitive

Usage Notes: none

<b>final_oth</b>	<b>PERCENT</b>	<b>Number</b>
	99.8	40316
A	0.2	48
B	0.0	4
C	0.0	3
E	0.0	2
F	0.0	2
I	0.0	23
J	0.0	22

Variable #: 70  
 SAS name: finscor  
 SAS label: 3MS Score  
 Categories: cognitive  
 Usage Notes: none

<b>N</b>	<b>Mean</b>	<b>StdDeviation</b>	<b>Minimum</b>	<b>Maximum</b>
40410	95.9811	4.50530	0	100

Variable #: 71  
 SAS name: fothspec SAS label: Final  
 Specify Other Dementia Categories:  
 cognitive  
 Usage Notes: none

<b>fothspec</b>	<b>PERCENT</b>	<b>Number</b>
.	100	40397
2	0	5
3	0	5
4	0	3
5	0	3
6	0	4
12	0	2
15	0	1

Variable #: 72  
 SAS name: number SAS label: Number associated  
 with visits in a year Categories: cognitive  
 Usage Notes: none



<b>number</b>	<b>PERCENT</b>
40218	99.6
202	0.4

Variable #: 73

SAS name: pre\_adj\_stat SAS label:

Pre Adjudication Status

Categories: cognitive Usage

Notes: none

<b>pre_adj_stat</b>	<b>PERCENT</b>	<b>Number</b>
.	96.8	39163
1	0.4	173
2	0.0	14
3	0.0	3
4	0.0	6
6	0.6	215
8	1.8	746
10	0.0	3
12	0.0	4
13	0.2	76
14	0.0	4
15	0.0	5
16	0.0	6
17	0.0	2

Variable #: 74

SAS name: progress SAS label:

Progressed (0=NO, 1=YES)

Categories: cognitive Usage Notes:

none

<b>progress</b>	<b>PERCENT</b>	<b>Number</b>
.	0.0	7
0	96.8	39151
1	3.0	1247
9	0.0	15

Variable #: 75

SAS name: ID SAS label: Participant ID

Categories: cognitive  
Usage Notes: none