



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub File Date: 06/28/2005 Structure: Multiple rows per participant Population: Subsample of E+P participants

F39 Birth day answer code

Variable # 6 Usage Notes: none
Sas Name: BIRTHDC Categories: Clinical Tests: Cognitive
Sas Label: F39 Birth day answer code
Type: Categorical

Values

Table with 2 columns: Value, Description. Rows: 0 Answer does not match birth day, 1 Answer matches birth day, 9 Not answered/missing

F39 Birth year answer code

Variable # 7 Usage Notes: none
Sas Name: BIRTHYC Categories: Clinical Tests: Cognitive
Sas Label: F39 Birth year answer code
Type: Categorical

Values

Table with 2 columns: Value, Description. Rows: 0 Answer does not match birth year, 1 Answer matches birth year, 9 Not answered/missing

F39 Birth city/town

Where were you born: city/town

Variable # 8 Usage Notes: none
Sas Name: BRTHCITY Categories: Clinical Tests: Cognitive
Sas Label: Birth city/town
Type: Categorical

Values

Table with 2 columns: Value, Description. Rows: 0 Can't do/refused, 1 Answer given, 9 Not attempted/disabled

F39 Birth state/country

Where were you born: state/country

Variable # 9 Usage Notes: none
Sas Name: BRTHST Categories: Clinical Tests: Cognitive
Sas Label: Birth state/country
Type: Categorical

Values

Table with 2 columns: Value, Description. Rows: 0 Can't do/refused, 1 Answer given, 9 Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Spell WORLD backwards: 1st letter

Variable # 21
Sas Name: LETTER1
Sas Label: 1st letter
Type: Categorical

Usage Notes: World in Spanish is "MUNDO"

Categories: Clinical Tests: Cognitive

Values

F39 Spell WORLD backwards: 2nd letter

Variable # 22
Sas Name: LETTER2
Sas Label: 2nd letter
Type: Categorical

Usage Notes: World in Spanish is "MUNDO"

Categories: Clinical Tests: Cognitive

Values

F39 Spell WORLD backwards: 3rd letter

Variable # 23
Sas Name: LETTER3
Sas Label: 3rd letter
Type: Categorical

Usage Notes: World in Spanish is "MUNDO"

Categories: Clinical Tests: Cognitive

Values

F39 Spell WORLD backwards: 4th letter

Variable # 24
Sas Name: LETTER4
Sas Label: 4th letter
Type: Categorical

Usage Notes: World in Spanish is "MUNDO"

Categories: Clinical Tests: Cognitive

Values

F39 Spell WORLD backwards: 5th letter

Variable # 25
Sas Name: LETTER5
Sas Label: 5th letter
Type: Categorical

Usage Notes: World in Spanish is "MUNDO"

Categories: Clinical Tests: Cognitive

Values

F39 Socks/Shirt - remember earlier

Variable # 26
Sas Name: SOCKS2
Sas Label: Socks/Shirt - remember earlier
Type: Categorical

Usage Notes: none

Categories: Clinical Tests: Cognitive

Values

0	Unable to recall/refused
1	After Was it shirt, shoes, or socks
2	Correct word/incorrect form; to wear
3	Spontaneous recall
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Blue/Brown - remember earlier

Variable # 27

Usage Notes: none

Sas Name: BLUE2

Categories: Clinical Tests: Cognitive

Sas Label: Blue/Brown - remember earlier

Type: Categorical

Values

0	Unable to recall/refused
1	After Was it blue, black, brown
2	Correct word/incorrect form; a color
3	Spontaneous recall
9	Not attempted/disabled

F39 Charity/Honesty - remember earlier

Variable # 28

Usage Notes: none

Sas Name: CHARITY2

Categories: Clinical Tests: Cognitive

Sas Label: Charity/Honesty - remember earlier

Type: Categorical

Values

0	Unable to recall/refused
1	After Was it honesty, charity, modesty
2	Correct word/incorrect form; a quality
3	Spontaneous recall
9	Not attempted/disabled

F39 Today's month answer code

Variable # 29

Usage Notes: none

Sas Name: TODAYMC

Categories: Clinical Tests: Cognitive

Sas Label: F39 Today's month answer code

Type: Categorical

Values

0	Answer is not within one month of today's month
1	Answer matches today's month exactly
2	Answer is one month either side of today's month
9	Not answered/missing



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 What state are we in

Variable # 34

Usage Notes: none

Sas Name: STATE

Categories: Clinical Tests: Cognitive

Sas Label: What state are we in

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 What country are we in

Variable # 35

Usage Notes: none

Sas Name: COUNTRY

Categories: Clinical Tests: Cognitive

Sas Label: What country are we in

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 What city/town are we in

Variable # 36

Usage Notes: none

Sas Name: CITY

Categories: Clinical Tests: Cognitive

Sas Label: What city/town are we in

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Are we in a clinic, store, or home

Variable # 37

Usage Notes: none

Sas Name: CLINIC

Categories: Clinical Tests: Cognitive

Sas Label: In a clinic, store, or home

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Pencil: What is this

Variable # 38

Usage Notes: none

Sas Name: PENCIL

Categories: Clinical Tests: Cognitive

Sas Label: Pencil: What is this

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Watch: What is this

Variable # 39

Usage Notes: none

Sas Name: WATCH

Categories: Clinical Tests: Cognitive

Sas Label: Watch: What is this

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Forehead: What do you call this part of face

Variable # 40

Usage Notes: none

Sas Name: FOREHEAD

Categories: Clinical Tests: Cognitive

Sas Label: Forehead: What part of face

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Chin: And this part

Variable # 41

Usage Notes: none

Sas Name: CHIN

Categories: Clinical Tests: Cognitive

Sas Label: Chin: And this part

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Shoulder: And this part of the body

Variable # 42

Usage Notes: none

Sas Name: SHOULDER

Categories: Clinical Tests: Cognitive

Sas Label: Shoulder: And this body part

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Elbow: And this part

Variable # 43

Usage Notes: none

Sas Name: ELBOW

Categories: Clinical Tests: Cognitive

Sas Label: Elbow: And this part

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Knuckle: And this part of the hand

Variable # 44

Usage Notes: none

Sas Name: KNUCKLE

Categories: Clinical Tests: Cognitive

Sas Label: Knuckle: And this part of hand

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 What animals have four legs

What animals have four legs? Tell me as many as you can (in 30 seconds).

Variable # 45

Usage Notes: none

Sas Name: ANIMALS

Categories: Clinical Tests: Cognitive

Sas Label: What animals have four legs

Type: Continuous



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 In what way are an arm and a leg alike

Variable # 46

Usage Notes: none

Sas Name: ARMLEG

Categories: Clinical Tests: Cognitive

Sas Label: Arm and leg alike

Type: Categorical

Values

0	Error/refused
1	Lesser correct answer
2	Limbs, extremities
9	Not attempted/disabled

F39 In what way are laughing and crying alike

Variable # 47

Usage Notes: none

Sas Name: EMOTIONS

Categories: Clinical Tests: Cognitive

Sas Label: Laughing and crying alike

Type: Categorical

Values

0	Error/refused
1	Lesser correct answer
2	Expressions of feelings, emotions
9	Not attempted/disabled

F39 In what way are eating and sleeping alike

Variable # 48

Usage Notes: none

Sas Name: EATSLEEP

Categories: Clinical Tests: Cognitive

Sas Label: Eating and sleeping alike

Type: Categorical

Values

0	Error/refused
1	Lesser correct answer
2	Necessary bodily functions, essential for life
9	Not attempted/disabled

F39 Repeat what I say: I would like to go out

Variable # 49

Usage Notes: none

Sas Name: SENTENCE

Categories: Clinical Tests: Cognitive

Sas Label: Repeat: I would like to go out

Type: Categorical

Values

0	3 or more words missed/refused
1	1 or 2 words missed
2	Correct
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Now repeat: No ifs

Variable # 50

Usage Notes: none

Sas Name: NOIFS

Categories: Clinical Tests: Cognitive

Sas Label: No ifs

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Ands

Variable # 51

Usage Notes: none

Sas Name: ANDS

Categories: Clinical Tests: Cognitive

Sas Label: Ands

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Or buts

Variable # 52

Usage Notes: none

Sas Name: ORBUTS

Categories: Clinical Tests: Cognitive

Sas Label: Or buts

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Please do this

Variable # 53

Usage Notes: none

Sas Name: DOTHIS

Categories: Clinical Tests: Cognitive

Sas Label: Please do this

Type: Categorical

Values

0	Does not read aloud or close eyes/refuse
1	Reads aloud, but does not close eyes
2	Closes eyes after prompting
3	Closes eyes without prompting
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Write "would"

Variable # 54
Sas Name: WRWOULD
Sas Label: Write Would
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Write "like"

Variable # 55
Sas Name: WRLIKE
Sas Label: Write Like
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Write "to"

Variable # 56
Sas Name: WRTO
Sas Label: Write To
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Write "go"

Variable # 57
Sas Name: WRGO
Sas Label: Write Go
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

0	Error/refused
1	Correct
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub File Date: 06/28/2005 Structure: Multiple rows per participant Population: Subsample of E+P participants

F39 Write "out"

Variable # 58
Sas Name: WROUT
Sas Label: Write Out
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

Table with 2 columns: Value, Description. Rows: 0 Error/refused, 1 Correct, 9 Not attempted/disabled

F39 Hand participant uses to write

Variable # 59
Sas Name: WRHAND
Sas Label: Hand participant uses to write
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

Table with 2 columns: Value, Description. Rows: 1 Right, 2 Left, 9 Unknown

F39 Pentagon 1

Variable # 60
Sas Name: PENTAGN1
Sas Label: Pentagon 1
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

Table with 2 columns: Value, Description. Rows: 0 Less than 2 lines/refused, 1 2 or more lines, not an enclosure, 2 Nonpentagon enclosed figure, 3 5 sides, but longest:shortest side > 2:1, 4 5 approximately equal sides, 9 Not attempted/disabled

F39 Pentagon 2

Variable # 61
Sas Name: PENTAGN2
Sas Label: Pentagon 2
Type: Categorical

Usage Notes: none
Categories: Clinical Tests: Cognitive

Values

Table with 2 columns: Value, Description. Rows: 0 Less than 2 lines/refused, 1 2 or more lines, not an enclosure, 2 Nonpentagon enclosed figure, 3 5 sides, but longest:shortest side > 2:1, 4 5 approximately equal sides, 9 Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Intersection

Variable # 62

Usage Notes: none

Sas Name: INTERSEC

Categories: Clinical Tests: Cognitive

Sas Label: Intersection

Type: Categorical

Values

0	No enclosure/refused
1	Other than 4-cornered enclosure
2	4-cornered enclosure
9	Not attempted/disabled

F39 Takes paper in correct hand

Variable # 63

Usage Notes: none

Sas Name: TAKEPAPR

Categories: Clinical Tests: Cognitive

Sas Label: Takes paper in correct hand

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Folds paper in half

Variable # 64

Usage Notes: none

Sas Name: FOLDPAPR

Categories: Clinical Tests: Cognitive

Sas Label: Folds paper in half

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled

F39 Hands paper back

Variable # 65

Usage Notes: none

Sas Name: HANDBACK

Categories: Clinical Tests: Cognitive

Sas Label: Hands paper back

Type: Categorical

Values

0	Error/refused
1	Correct
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub **File Date:** 06/28/2005 **Structure:** Multiple rows per participant **Population:** Subsample of E+P participants

F39 Socks/Shirt - remember earlier 2

Variable # 66

Usage Notes: none

Sas Name: SOCKS3

Categories: Clinical Tests: Cognitive

Sas Label: Socks/Shirt - remember earlier 2

Type: Categorical

Values

0	Unable to recall/refused
1	After Was it shirt, shoes, or socks
2	Correct word/incorrect form; to wear
3	Spontaneous recall
9	Not attempted/disabled

F39 Blue/Brown - remember earlier 2

Variable # 67

Usage Notes: none

Sas Name: BLUE3

Categories: Clinical Tests: Cognitive

Sas Label: Blue/Brown - remember earlier 2

Type: Categorical

Values

0	Unable to recall/refused
1	After Was it blue, black, brown
2	Correct word/incorrect form; a color
3	Spontaneous recall
9	Not attempted/disabled

F39 Charity/Honesty - remember earlier 2

Variable # 68

Usage Notes: none

Sas Name: CHARITY3

Categories: Clinical Tests: Cognitive

Sas Label: Charity/Honesty - remember earlier 2

Type: Categorical

Values

0	Unable to recall/refused
1	After Was it honesty, charity, modesty
2	Correct word/incorrect form; a quality
3	Spontaneous recall
9	Not attempted/disabled

F39 Tell again where were you born: city/town

Variable # 69

Usage Notes: none

Sas Name: BRTHCTYR

Categories: Clinical Tests: Cognitive

Sas Label: Birth city/town - again

Type: Categorical

Values

0	Does not match/refused
1	Matches
9	Not attempted/disabled



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub File Date: 06/28/2005 Structure: Multiple rows per participant Population: Subsample of E+P participants

F39 Tell again where were you born: state/country

Variable # 70

Usage Notes: none

Sas Name: BRTHSTR

Categories: Clinical Tests: Cognitive

Sas Label: Birth state/country - again

Type: Categorical

Values

0	Does not match/refused
1	Matches
9	Not attempted/disabled

F39 Special problems

Variable # 71

Usage Notes: none

Sas Name: SPECPROB

Categories: Clinical Tests: Cognitive

Sas Label: Special problems

Type: Categorical

Values

0	No
1	Yes

F39 Primary problem

Variable # 72

Usage Notes: Sub-question of F39 V2 Q19 "Special problems".

Sas Name: PRIMPROB

Categories: Clinical Tests: Cognitive

Sas Label: Primary problem

Type: Categorical

Values

1	Vision
2	Hearing
3	Inability to write due to injury/illness
4	Illiteracy/lack of education
5	Language (difficulty speaking English)
8	Other

F39 Hand used to throw a ball

Variable # 73

Usage Notes: none

Sas Name: HANDTHRW

Categories: Clinical Tests: Cognitive

Sas Label: Hand used to throw a ball

Type: Categorical

Values

1	Always left
2	Usually left
3	No preference
4	Usually right
5	Always right
9	Unknown



Form 39 - Cognitive Assessment

Data File: f39_ep_fu_pub File Date: 06/28/2005 Structure: Multiple rows per participant Population: Subsample of E+P participants

F39 Hand used to hold a toothbrush

Variable # 74

Usage Notes: none

Sas Name: HANDHOLD

Categories: Clinical Tests: Cognitive

Sas Label: Hand used to hold a toothbrush

Type: Categorical

Values

1	Always left
2	Usually left
3	No preference
4	Usually right
5	Always right
9	Unknown

F39 language

Variable # 75

Usage Notes: none

Sas Name: F39LANG

Categories: Clinical Tests: Cognitive
Study: Administration

Sas Label: F39 language

Type: Categorical

Values

1	English
2	Spanish

F39 3SME Score

Variable # 76

Usage Notes: If a response is "unknown", "not attempted/disabled", or missing (and there is a "not attempted/disabled" option), the algorithm adjusts the scoring of the question to prevent the participant from being penalized as if she had given an incorrect response. The maximum points awarded for the question are subtracted from a counter set initially at 100. Once all questions have been tallied, this counter becomes the denominator in determining the score - the percentage of correct answers versus the number of total possible points for that participant. For example, if question 6.3 ("What season of the year is it?") is "not attempted/disabled" or missing, 1 point is subtracted from the total possible score. If this is the only such question on the Form 39, the score would be computed as a percentage of total points earned out of 99 possible points. If the total points discounted as missing, "unknown", or "not attempted/disabled" exceeds 20 (the denominator is less than 80), the test is not considered valid (indicated by a score of -9).

Sas Name: F393MSE

Sas Label: F39 3MSE Score

Type: Continuous

Categories: Clinical Tests: Cognitive
Computed Variables