

w1_hcap_r_user_paper_version_20250212

Variables

HRN_random

Random number: Minimum: 1, Maximum: 2

FL_HRP101_1

Assign variable: String

FL_HRP046_1

Assign variable: String

FL_errorcombi

Assign variable: String

Cal_HRNS101

Sum variable: Numeric

Cal_HRNS131

Sum variable: Numeric

Cal_HRNS132

Sum variable: Numeric

Cal_HRNS133

Sum variable: Numeric

Cal_HRNS201

Sum variable: Numeric

Cal_HRNS231

Sum variable: Numeric

Cal_HRNS232

Sum variable: Numeric

Cal_HRNS233

Sum variable: Numeric

FL_noanswer

Assign variable: String

version

Assign variable: String

Questions

Page 1

all respondents

HRDN801_

Some time ago, we sent you an invitation letter, which also included a data protection statement. I will now give you this statement again and will be pleased to answer any question that you may have.

Let me stress that participating in this interview is voluntary and that the information is kept confidential. Your answers will be used only for research purposes in different analyses, without the individual researcher knowing your identity. If we should come to any question you don't want to answer, just let me know and I will go on to the next question.

IWER: Hand out the statement to Respondent. Answer all questions of the Respondent.

Do you agree to participate in this study?

Answer type: Radio buttons

Categories:

1. Data protection statement has been provided; Respondent has consented to participate.
2. Data protection statement has been provided; Respondent has refused to participate. No interview possible.

Page 2

if (HRDN801_ = 2)

HRDN803_

Are you sure that Respondent has refused to participate?

Answer type: Radio buttons

Categories:

1. Yes, Respondent refused. Terminate interview.
2. No, Respondent consented. Continue interview.

Page 3

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRTX001_}

Thank you for your participation!

This interview includes several tests to measure different areas of cognitive functioning among different types of people.

I have to follow instructions to make sure the test is the same for everyone and will not be able to provide feedback while we are doing the test.

Some questions might seem to be simple for you while others might be difficult. Just do the best you can.

Let's start.

Answer type: None

Page 4

if (HRDN801_ = 1 or HRDN803_ = 2)
{HRDN001_}

First I would like to begin by asking some questions about your background.

Answer type: None

Page 5

if (HRDN801_ = 1 or HRDN803_ = 2)
HRDN042_
OBSERVATION

IWER: Note sex of Respondent from observation (ask if unsure)

Answer type: Radio buttons

Categories:

1. Male
2. Female

Page 6

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)
HRDN101_

Can I write down your first name?

Answer type: String

Page 7

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)
HRDN003_

In which year were you born?

Answer type: Integer

Min: 1900

Max: 2000

Label-left: Year:

Page 8

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)
HRDN002_

In which month were you born?

IWER: Please type month as a number between 1 and 12.

Answer type: Integer

Min: 1

Max: 12

Label-left: Month (1-12):

Page 9

if (HRDN801_ = 1 or HRDN803_ = 2)
{HRPH001_}

Now I have some questions about your health.

Answer type: None

Page 10

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH003_

Would you say your health is...?

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Excellent
2. Very good
3. Good
4. Fair
5. Poor

Page 11

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH006_

IWER: Use SHOWCARD 1 "List of health conditions".

Please look at this card.

Do you currently have any of the conditions on this card? With this we mean that a doctor has told you that you have this condition, and that you are either currently being treated for or bothered by this condition.

IWER: Code all that apply.

Answer type: Checkboxes

Categories:

1. 1 A heart attack including myocardial infarction or coronary thrombosis or any other heart problem including congestive heart failure
2. 2 High blood pressure or hypertension
3. 3 High blood cholesterol
4. 4 A stroke or cerebral vascular disease
5. 5 Diabetes or high blood sugar
6. 6 Chronic lung disease such as chronic bronchitis or emphysema
7. 7 Cancer or malignant tumour, including leukaemia or lymphoma, but excluding minor skin cancers
8. 8 Stomach or duodenal ulcer, peptic ulcer
9. 9 Parkinson's disease
10. 10 Cataracts
11. 11 Hip fracture
12. 12 Other fractures
13. 13 Alzheimer's disease, dementia, organic brain syndrome, senility or any other serious memory impairment
14. 14 Other affective or emotional disorders, including anxiety, nervous or psychiatric problems
15. 15 Rheumatoid Arthritis
16. 16 Osteoarthritis, or other rheumatism
17. 17 Chronic kidney disease
96. 96 None
97. 97 Other conditions, not yet mentioned

Page 12

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH041_

Do you usually wear glasses or contact lenses?

IWER: All types of glasses, also glasses used only for reading.

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 13

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH101_

[How good is your eyesight using glasses or contact lenses as usual? / How good is your eyesight?] Would you say it is...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Excellent
2. Very good
3. Good
4. Fair
5. Poor

Page 14

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH745_

Do you have a hearing aid?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 15

-9 = Don't know

-8 = Refusal

if (HRPH745_ = 1)

HRPH045_

Are you usually wearing a hearing aid?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 16

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH046_

[Is your hearing using a hearing aid as usual... / Is your hearing...]

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Excellent
2. Very good
3. Good
4. Fair

5. Poor

Page 17

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRCF103_

How would you rate your memory at the present time? Would you say it is...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Excellent
2. Very good
3. Good
4. Fair
5. Poor

Page 18

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRPH049_

IWER: Use SHOWCARD 2 "List of activities".

Please look at this card.

Please tell me if you have any difficulty with these activities because of a physical, mental, emotional or memory problem.

Please exclude any difficulties you expect to last less than three months.

IWER: Probe Respondent if any other difficulty applies.

Code all that apply.

Answer type: Checkboxes

Categories:

1. 1 Dressing, including putting on shoes and socks
2. 2 Walking across a room
3. 3 Bathing or showering
4. 4 Eating, such as cutting up your food
5. 5 Getting in or out of bed
6. 6 Using the toilet, including getting up or down
7. 7 Using a map to figure out how to get around in a strange place
9. 9 Shopping for groceries
10. 10 Making telephone calls
11. 11 Taking medications
12. 12 Doing work around the house or garden
13. 13 Managing money, such as paying bills and keeping track of expenses
14. 14 Leaving the house independently and accessing transportation services
15. 15 Doing personal laundry
96. 96 None of these

Page 19

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRMS001_to_HRMS027_}

Redacted (due to copyright reasons)

Answer type: None

Page 20

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRHT101_}

Now I'm going to ask you some general questions about things and people.

Answer type: None

Page 21

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRCF827_

What do people usually use to cut paper?

Answer type: Radio buttons

Categories:

1. Correct (Scissors, shears, etc.)

5. Incorrect

Page 22

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRHT103_

What is a bridge?

Answer type: Radio buttons

Categories:

1. Correct (Construction to get you from one side to the other side)

5. Incorrect

Page 23

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRHT104_

Who is the [Prime Minister] right now?

IWER: Record [country-specific] as correct.

Answer type: Radio buttons

Categories:

1. Last name correct

5. Incorrect

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if (HRDN801_ = 1 or HRDN803_ = 2)

{HRWR101_to_HRWR110_}

Redacted (due to copyright reasons)

Answer type: None

Page 25

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRCF009_

Now I would like you to name as many different animals as you can think of. You have one minute to do this. Ready, go.

IWER: Allow one minute precisely. If the Respondent stops before the end of the time, encourage him/her to try to find more words. If he/she is silent for 15 seconds repeat the basic instruction ("I want you to tell me all the animals you can think of"). No extension of the time limit is made in the event that the instruction has to be repeated.

Checkmark answers on the paper sheet "Animal Naming Task" in the materials folder and enter the result below.

The score is the sum of acceptable animals. Any member of the animal kingdom, real or mythical is scored correct, except repetitions and proper nouns. Specifically each of the following gets credit: a species name and any accompanying breeds within the species; male, female and infant names within the species.

Start

Answer type: Integer
Min: 0
Max: 100
Label-left: Number of animals:

Page 26

if (HRCF009_ is response)

HRRF106_

IWER: Please indicate whether any problems occurred in relation to animal naming. Choose all that apply. Respondent ending before 60 seconds expired is not a problem and need not be reported.

Answer type: Checkboxes

Categories:

1. Interruption during 60 sec response period
2. IWER exceeded 60 second response period
3. Technical/computer problem
4. Respondent did not understand task
5. Other
96. No problems occurred

Page 27

if (HRDN801_ = 1 or HRDN803_ = 2)

HRSC001_

IWER: Use WORKSHEET 2 "Symbol cancellation".

IWER: Write the Pidcom: [pidcom] on a label and put this label on the worksheet.

The next task is a measure of how rapidly you can do something. Please, find all the figures that look exactly like the symbol I will show you. Find as many as you can and draw a circle around all the symbols that look like this and do as I am doing now.

IWER: Using a pencil, circle the target symbol that is printed on the paper sheet "Symbol Cancellation - Target Symbol" as an example (looks like a sun with the slanted line).



Please keep the sheet in front of you as I present it to you now.

IWER: Place the test stimulus grid directly in front of Respondent. The gray orientation bar on top of the grid should face upward.

Please work as quickly and as accurately as you can. When I tell you to stop, underline the symbol on which you finish - whatever symbol your eye is on, not necessarily the target symbol. Is this clear?

IWER: Get ready to time 60 seconds. Repeat instructions if necessary.

Are you ready? (PAUSE) Begin.

Start

IWER: Instruct the Respondent to stop as soon as the timer reaches 60 seconds. As soon as you say "stop now", say: "please underline the symbol on which you finished". Take back the worksheet.

Answer type: Radio buttons

Categories:

1. Worksheet collected
98. Respondent refuses to do test

Page 28

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRBC101_

Now I am going to ask you to count backwards. When I say "Begin", I want you to start at the number 100 and count backwards as fast as you can. You have 30 seconds to do this.

IWER: Tick the [Mistake]-button every time the Respondent makes a mistake.
If Respondent pauses counting backwards for more than about 10 seconds, encourage the Respondent to go on.
Start timing as soon as you tell the Respondent to begin.

Now, begin!

Start

Answer type: Integer, empty

Label-left: Mistake

HRBC102_

IWER: Record the last number the Respondent reached when the 30 seconds was completed.

Answer type: Integer

Min: 0

Max: 100

Label-left: Last number the Respondent reached:

Page 29

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRCD101_to_HRCD105_}

Redacted (due to copyright reasons)

Answer type: None

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if (HRDN801_ = 1 or HRDN803_ = 2)

{HRDR101_}

Redacted (due to copyright reasons)

Answer type: None

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if (HRDN801_ = 1 or HRDN803_ = 2)

{HRLM001_to_HRLM004_}

Redacted (due to copyright reasons)

Answer type: None

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if (HRDN801_ = 1 or HRDN803_ = 2)

{HRRE001_to_HRRE021_}

Redacted (due to copyright reasons)

Answer type: None

Page 33

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRCPO01_to_HRCPO11_}

Redacted (due to copyright reasons)

Answer type: None

Page 34

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRSD001_to_HRSD003_}

Redacted (due to copyright reasons)

Answer type: None

Page 35

if (HRDN801_ = 1 or HRDN803_ = 2)
{HRCR001_to_HRCR012_}

Redacted (due to copyright reasons)

Answer type: None

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if (HRDN801_ = 1 or HRDN803_ = 2)
{HRLM101_to_HRLM123_}

Redacted (due to copyright reasons)

Answer type: None

Page 37

if (HRDN801_ = 1 or HRDN803_ = 2)
HRBR001_

Would you like to have a short break or do you prefer to move on without a break?

IWER: The break should not be longer than 5 minutes.

Answer type: Radio buttons

Categories:

1. Short break
5. No break

Page 38

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)
HRNS001_

Next I'm going to read you several numbers and I'd like you to write them down from left to right. There will be a blank number in the series that I read to you. Draw a dash or short blank line when I say "blank." Then look at the pattern of numbers. Based on this pattern, tell me what number goes in the blank. Sometimes the blank will be at the end of the series, and sometimes the blank will be in the beginning or in the middle. Here is paper and pencil. Ready?

IWER: Hand out paper (Number Series) and pencil to the Respondent. Repeat instructions for the Respondent if necessary. Allow enough time when reading numbers for Respondent to write down sequence.

For example, if I said the numbers "1 . . . 2 . . . BLANK . . . 4" then what number would go in the blank?

IWER: Correct response: 3.

- If Respondent does not give the correct response (3) then say: The answer we were looking for is 3.
- Probe if needed to check that the Respondent understands the task, by asking: Do you understand the directions for this task?
- If the Respondent says he or she does not know the answer, enter "Don't know" button. Do not record a "Don't know" response as "Respondent doesn't understand instructions."

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect
6. Respondent doesn't understand instructions
90. Respondent can't write/unable to do test due to physical or vision problems

Page 39

-9 = Don't know

-8 = Refusal

if (HRNS001_ != 90)**HRNS002_**

Let's try another one. I'm going to read you a series of numbers. There will be a blank number in the series that I read to you. I would like you to write down the numbers from left to right and then tell me what number goes in the blank based on the pattern of numbers.

2. . . 4. . . 6. . . BLANK

IWER: correct response: 8

If the Respondent says he or she does not know the answer, enter "Don't know" button. Do not record a "Don't know" response as "Respondent doesn't understand instructions" or as "Respondent unable to do test".

Code "Respondent unable to do test" if Respondent cannot do the task due to a physical (writing), sight, or hearing impairment.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect
6. Respondent doesn't understand instructions
90. Respondent unable to do test

Page 40

if (HRNS002_ = 5 or HRNS002_ = 6 or HRNS002_ is dk)**HRNS003_**

The sequence is 2 4 6 8.

8 is the answer we were looking for because, in this example, the numbers increase by 2.

IWER: Probe if needed to check that the Respondent understands the task, by asking: do you understand the directions for this task?

Code "Respondent unable to do test" if Respondent cannot do the task due to a physical (writing), sight, or hearing impairment.

Answer type: Radio buttons

Categories:

1. Respondent understands task
5. Respondent seems confused or does not understand task
90. Respondent unable to do test
98. Respondent refuses to do test

Page 41

if (HRNS002_ = 1 or HRNS003_ = 1)**HRNS004_**

I am now going to ask you six more questions like the one you just did. Sometimes the blank will be at the end of the series, and sometimes it may be at the beginning or in the middle. You may be asked a question with more than one blank in the sequence. The numbers might increase, like 2, 4, 6, or decrease, like 6, 4, 2. Some of the problems may be easy but others may be hard. Just do the best you can. It is more important to answer the item correctly than to answer quickly, so take a little time to think before answering. It is okay if you do not know the answer because some of the items are intended to be very difficult. You can go on to the next item at any time.

Are you ready to begin?

IWER: Repeat instructions for the Respondent if necessary.

Permit as much time as Respondent wishes for each question. If the Respondent has not given an answer after about a minute, ask: Would you just like to go on to the next question?

Answer type: Radio buttons

Categories:

1. Continue
98. Respondent refuses to do test

Page 42

if (HRNS004_ = 1)**{HRNS005_}**

Random group: [HRN_random]

Answer type: None

Page 43

-9 = Don't know

-8 = Refusal

if (HRN_random = 1)

HRNS131_

Please write down the following numbers from left to right:

8 . . . BLANK . . . 12 . . . 14.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 10.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct

5. Incorrect

Page 44

-9 = Don't know

-8 = Refusal

if (HRN_random = 1)

HRNS132_

Next, please write down the following numbers:

23 . . . 26 . . . 30 . . . 35 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 41.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct

5. Incorrect

Page 45

-9 = Don't know

-8 = Refusal

if (HRN_random = 1)

HRNS133_

Please write down the following numbers:

18 . . . 17 . . . 15 . . . BLANK . . . 8.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 12.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct

5. Incorrect

Page 46

if (HRN_random = 1)

{HRNS101_}

Number of correct answers: [Ca_HRNS101]

Answer type: None

Page 47

-9 = Don't know

-8 = Refusal

if (Ca_HRNS101 = 0)

HRNS111_

Next, please write down the following numbers:

6 . . . 7 . . . BLANK . . . 9.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 8.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct

5. Incorrect

Page 48

-9 = Don't know

-8 = Refusal

if (Ca_HRNS101 = 0)

HRNS112_

Next, please write down the following numbers:

6 . . . BLANK . . . 4 . . . 3.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 5.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct

5. Incorrect

Page 49

-9 = Don't know

-8 = Refusal

if (Ca_HRNS101 = 0)

HRNS113_

Next, please write down the following numbers:

5 . . . 8 . . . 11 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 14.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 50

-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 1)

HRNS121_

Next, please write down the following numbers:

BLANK . . . 4 . . . 6 . . . 8

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 2.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

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-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 1)

HRNS122_

Next, please write down the following numbers:

1 . . . 3 . . . 3 . . . 5 . . . 7 . . . 7 . . . BLANK

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 9.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

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-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 1)

HRNS123_

Next, please write down the following numbers:

18 . . . 10 . . . 6 . . . BLANK . . . 3.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.)

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 4.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

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-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 2)

HRNS141_

Next, please write down the following numbers:

17 . . . BLANK . . . 12 . . . 8.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 15.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 54

-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 2)

HRNS142_

Next, please write down the following numbers:

10 . . . BLANK . . . 3 . . . 1.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.)

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 6.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 55

-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 2)

HRNS143_

Next, please write down the following numbers:

17 . . . 16 . . . 14 . . . 10 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 2 or 3.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

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-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 3)

HRNS151_

Next, please write down the following numbers:

BLANK . . . 20 . . . 26 . . . 38 . . . 62.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.)

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 17.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

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-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 3)

HRNS152_

Next, please write down the following numbers:

5 . . . BLANK . . . 11 . . . 19 . . . 35.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 7.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

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-9 = Don't know

-8 = Refusal

if (Cal_HRNS101 = 3)

HRNS153_

Next, please write down the following numbers:

70 . . . BLANK . . . BLANK . . . 84.

Now look at the numbers that you just wrote down and tell me the numbers that belongs in the blanks.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 72, 76 or 78, 82.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 59

-9 = Don't know

-8 = Refusal

if (HRN_random = 2)

HRNS231_

Please write down the following numbers from left to right:

7 . . . 10 . . . 13 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 16.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 60

-9 = Don't know

-8 = Refusal

if (HRN_random = 2)

HRNS232_

Next, please write down the following numbers:

BLANK . . . 13 . . . 15 . . . 18 . . . 22.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 12.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 61

-9 = Don't know

-8 = Refusal

if (HRN_random = 2)

HRNS233_

Next, please write down the following numbers:

18 . . . 17 . . . BLANK . . . 12 . . . 8.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 15.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 62

if (HRN_random = 2)

{HRNS201_}

Number of correct answers: [Cal_HRNS201]

Answer type: None

Page 63

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 0)

HRNS211_

Next, please write down the following numbers:

4 . . . 5 . . . 6 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 7.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 64

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 0)

HRNS212_

Next, please write down the following numbers:

5 . . . 4 . . . 3 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 2.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 65

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 0)

HRNS213_

Next, please write down the following numbers:

11 . . . BLANK . . . 15 . . . 17.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank)

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 13.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 66

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 1)

HRNS221_

Next, please write down the following numbers:

BLANK . . . 15 . . . 13 . . . 11.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 17.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 67

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 1)

HRNS222_

Next, please write down the following numbers:

10 . . . 6 . . . 3 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 1.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 68

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 1)

HRNS223_

Next, please write down the following numbers:

11 . . . 9 . . . 6 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 2.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 69

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 2)

HRNS241_

Next, please write down the following numbers:

1 . . . 3 . . . 9 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 27.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 70

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 2)

HRNS242_

Next, please write down the following numbers:

13 . . . 15 . . . 19 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 25, 26, 27, or 35.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 71

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 2)

HRNS243_

Next, please write down the following numbers:

3 . . . 3 . . . 4 . . . 6 . . . 6 . . . 7 . . . BLANK . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 9, 9.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 72

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 3)

HRNS251_

Next, please write down the following numbers:

6 . . . BLANK . . . 15 . . . 27 . . . 51.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 9.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 73

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 3)

HRNS252_

Next, please write down the following numbers:

BLANK . . . 18 . . . 24 . . . 36 . . . 60.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 15.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 74

-9 = Don't know

-8 = Refusal

if (Cal_HRNS201 = 3)

HRNS253_

Next, please write down the following numbers:

60 . . . 33 . . . 24 . . . 21 . . . BLANK.

Now look at the numbers that you just wrote down and tell me the number that belongs in the blank.

IWER: Do not provide further prompts, and do not give the correct answer or tell the Respondent if his or her answer is correct.

Correct response: 20.

If the Respondent says he or she does not know the answer, enter "Don't know" button.

Answer type: Radio buttons

Categories:

1. Correct
5. Incorrect

Page 75

if (HRDN801_ = 1 or HRDN803_ = 2)
{HRRV001_to_HRRV017_}

Redacted (due to copyright reasons)

Answer type: None

Page 76

if (HRDN801_ = 1 or HRDN803_ = 2)
{HRTM001_to_HRTM012_}

Redacted (due to copyright reasons)

Answer type: None

Page 77

if (HRDN801_ = 1 or HRDN803_ = 2)
{HRMH001_}

Now we would like to talk to you about your emotional health or wellbeing - that is, how you feel about things that happen around you.

Answer type: None

Page 78

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)
HRMH002_

In the last month, have you been sad or depressed?

IWER: If participant asks for clarification, say "by sad or depressed, we mean miserable, in low spirits, or blue".

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 79

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)
HRMH003_

What are your hopes for the future?

IWER: Note only whether hopes are mentioned or not.

Answer type: Radio buttons

Categories:

1. Any hopes mentioned

2. No hopes mentioned

Page 80

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH004_

In the last month, have you felt that you would rather be dead?

Answer type: Radio buttons

Categories:

1. Any mention of suicidal feelings or wishing to be dead
2. No such feelings

Page 81

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH005_

Do you tend to blame yourself or feel guilty about anything?

Answer type: Radio buttons

Categories:

1. Obvious excessive guilt or self-blame
2. No such feelings
3. Mentions guilt or self-blame, but it is unclear if these constitute obvious or excessive guilt or self-blame

Page 82

-9 = Don't know

-8 = Refusal

if (HRMH005_ = 3)

HRMH006_

So, for what do you blame yourself?

IWER: Only code "Example(s) given constitute obvious excessive guilt or self-blame" for an exaggerated feeling of guilt, which is clearly out of proportion to the circumstances. The fault will often have been very minor, if there was one at all. Justifiable or appropriate guilt should be coded as "Example(s) do not constitute obvious excessive guilt or self-blame, or it remains unclear if these constitute obvious or excessive guilt or self-blame".

Answer type: Radio buttons

Categories:

1. Example(s) given constitute obvious excessive guilt or self-blame
2. Example(s) do not constitute obvious excessive guilt or self-blame, or it remains unclear if these constitute obvious or excessive guilt or self-blame

Page 83

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH007_

Have you had trouble sleeping recently?

Answer type: Radio buttons

Categories:

1. Trouble with sleep or recent change in pattern
2. No trouble sleeping

Page 84

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH008_

In the last month, what is your interest in things?

Answer type: Radio buttons

Categories:

1. Less interest than usual mentioned
2. No mention of loss of interest
3. Non-specific or uncodeable response

Page 85

-9 = Don't know

-8 = Refusal

if (HRMH008_ = 3)

HRMH009_

So, do you keep up your interests?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 86

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH010_

Have you been irritable recently?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 87

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH011_

What has your appetite been like in the last month?

Answer type: Radio buttons

Categories:

1. Diminution in desire for food
2. No diminution in desire for food
3. Non-specific or uncodeable response

Page 88

-9 = Don't know

-8 = Refusal

if (HRMH011_ = 3)

HRMH012_

So, have you been eating more or less than usual?

Answer type: Radio buttons

Categories:

1. Less
2. More
3. Neither more nor less

Page 89

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH013_

In the last month, have you had too little energy to do the things you wanted to do?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 90

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH014_

How is your concentration? For example, can you concentrate on a television programme, film or radio programme?

Answer type: Radio buttons

Categories:

1. Difficulty in concentrating on entertainment
2. No such difficulty mentioned

Page 91

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH015_

Can you concentrate on something you read?

Answer type: Radio buttons

Categories:

1. Difficulty in concentrating on reading
2. No such difficulty mentioned

Page 92

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH016_

What have you enjoyed doing recently?

Answer type: Radio buttons

Categories:

1. Fails to mention any enjoyable activity
2. Mentions ANY enjoyment from activity

Page 93

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH017_

In the last month, have you cried at all?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 94

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRMH033_}

I will now read some statements and would like to ask you to answer how much of the time you feel certain ways: often, some of the time, hardly ever or never.

Answer type: None

Page 95

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH034_

How much of the time do you feel you lack companionship?

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Often
2. Some of the time
3. Hardly ever or never

Page 96

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH035_

How much of the time do you feel left out?

IWER: Repeat if necessary.

Answer type: Radio buttons

Categories:

1. Often
2. Some of the time
3. Hardly ever or never

Page 97

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH036_

How much of the time do you feel isolated from others?

IWER: Repeat if necessary.

Answer type: Radio buttons

Categories:

1. Often
2. Some of the time
3. Hardly ever or never

Page 98

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRMH037_

How much of the time do you feel lonely?

IWER: Repeat if necessary.

Answer type: Radio buttons

Categories:

1. Often
2. Some of the time
3. Hardly ever or never

Page 99

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRSB001_}

The following questions are related to your sleep.

Answer type: None

Page 100

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRSB002_}

How long do you usually sleep at night?

IWER: If Respondent spent, for example, 7 hours on sleeping, enter 7 hours and 0 minutes.

Answer type: None

HRSB003_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HRSB004_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 101

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

{HRSB005_}

On a typical day, how much time do you spend napping during daytime?

IWER: If Respondent did not spend any time on napping, enter 0 in both fields. If Respondent spent, for example, 40 minutes on napping, enter 0 hours and 40 minutes.

Answer type: None

HRSB006_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HRSB007_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 102

if (HRDN801_ = 1 or HRDN803_ = 2)

HRSB008_

Thinking about your sleep **in the past four weeks**, do any of the following descriptions apply to you?

IWER: Read out.

Question type: Table

Answer type: Radio buttons

Sub-questions:

HRSB008_1 I could not fall asleep within 30 minutes.

HRSB008_2 I woke up in the middle of the night or early morning and had issues to fall back asleep.

Categories:

1. Yes
2. No
98. Don't know
99. Refusal

Page 103

-9 = Don't know

-8 = Refusal

if (HRDN801_ = 1 or HRDN803_ = 2)

HRSB012_

During the past four weeks, how would you rate your sleep quality overall? Would you say it is...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. very good,
2. good,
3. fair,
4. bad,
5. or, very bad?

Page 104

if (HRDN801_ = 1 or HRDN803_ = 2)

{HREI001_}

We have now finished the interview. Thank you for your participation.

Answer type: None

Page 105

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIQ001_

IWER: THIS SECTION IS ABOUT INTERVIEWER'S OBSERVATIONS DURING THE INTERVIEW AND SHOULD BE FILLED OUT AFTER EACH COMPLETED INTERVIEW. DO NOT ASK THESE QUESTIONS TO THE RESPONDENT.

Where did this interview take place?

Answer type: Radio buttons

Categories:

1. Respondent's home
2. Nursing home
3. Inside other building
4. Outside in the premises of respondent's home (e.g. garden)
5. Outside in a public space (e.g. park)
6. Other place

Page 106

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIV007_

Did the Respondent ask for clarification on any questions?

Answer type: Radio buttons

Categories:

1. Never
2. Almost never
3. Every now and then
4. Often
5. Very often

Page 107

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIN001_

Did you feel that the Respondent was reluctant to answer any questions?

Answer type: Radio buttons

Categories:

1. Never
2. Almost never
3. Every now and then
4. Often
5. Very often

Page 108

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIN002_

Did you feel that the Respondent tried to answer the questions to the best of his/her ability?

Answer type: Radio buttons

Categories:

1. Never
2. Almost never
3. Every now and then
4. Often
5. Very often

Page 109

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIV008_

Did you feel that the Respondent understood the questions?

Answer type: Radio buttons

Categories:

1. Never
2. Almost never
3. Every now and then
4. Often
5. Very often

Page 110

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIC001_

To what extent did the Respondent use the showcards and worksheets?

Answer type: Radio buttons

Categories:

1. Respondent used all of the applicable showcards and worksheets.
2. Respondent used only some of the applicable showcards and worksheets.
3. Respondent refused/ was unable to use the showcards and worksheets at all.

Page 111

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIV002_

Was there anyone else present, who interfered with the interview?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 112

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIC002_

In your opinion, does Respondent have difficulty with his/her memory?

Answer type: Radio buttons

Categories:

1. Yes, severe
2. Yes, mild to moderate
5. No

Page 113

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIC003_

Did Respondent make frequent errors in orientation and memory sections or were there frequent "Don't know" throughout the questionnaire?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 114

if (HRIC003_ = 1)

HRIC004_

Did you feel that the Respondent made errors in their tasks in **clear consciousness**? In clear consciousness means, the Respondent appeared alert and/or responsive and/or focused.

Answer type: Radio buttons

Categories:

1. Yes, due to being anxious, depressed and/or easily distracted
2. Yes, due to memory defect
3. Yes, due to both: anxious/depressed/easily distracted and memory defect
5. No

Page 115

if (HRIC003_ = 1)

HRIC005_

Did you feel that the Respondent made errors in the interview in **clouded consciousness**? In clouded consciousness means, the Respondent was not alert and/or unresponsive and/or not focused.

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 116

if (HRIC003_ = 1)

HRIC006_

Was the Respondent's reaction to errors without strong emotions, indifferent or euphoric? Code "Yes" if any of these three reactions to errors occurred.

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 117

if (HRDN801_ = 1 or HRDN803_ = 2)

HRIC007_

Did the Respondent have a weakness, tremor etc of hand that interfered with writing, drawing or folding paper?

Answer type: Radio buttons

Categories:

1. No
2. To some extent
3. To marked extent

4. Use of one hand/arm only

Page 118

all respondents

HRIN003_

Please add any additional comments or observations from the interview.

Answer type: Text, empty

Page 119

all respondents

HRIN004_

Please enter your interviewer ID.

Answer type: String

Page 120

all respondents

{HRIN005_}

Thank you for completing this section!

Answer type: None

Routing

```

if (1 = 1) {
  assign(version, '9.4.4')
  assign(FL_errorcombi, 'This category cannot be selected in combination with any other response categories.')
  assign(FL_noanswer, 'Please give an answer.')
}
HRDN801_
if (HRDN801_ = 2) {
  HRDN803_
}
if (HRDN801_ = 1 or HRDN803_ = 2) {
  HRTX001_
  HRDN001_
  HRDN042_
  HRDN101_ (dk,rf)
  HRDN003_ (dk,rf)
  HRDN002_ (dk,rf)
  HRP001_
  HRP003_ (dk,rf)
  HRP006_ (dk,rf)
  if ((96 in HRP006_) and (count(HRP006_) > 1)) {
    check('^FL_errorcombi;', HRP006_)
  }
  HRP041_ (dk,rf)
  if (HRP041_ = 1) {
    assign(FL_HRP041_1, 'How good is your eyesight using glasses or contact lenses as usual?')
  } else {
    assign(FL_HRP041_1, 'How good is your eyesight?')
  }
  HRP041_ (dk,rf)
  HRP045_ (dk,rf)
  if (HRP045_ = 1) {
    HRP045_ (dk,rf)
  }
  if (HRP045_ = 1) {
    assign(FL_HRP046_1, 'Is your hearing using a hearing aid as usual...')
  } else {
    assign(FL_HRP046_1, 'Is your hearing...')
  }
  HRP046_ (dk,rf)
  HRCF103_ (dk,rf)
  HRP049_ (dk,rf)
  if ((96 in HRP049_) and (count(HRP049_) > 1)) {
    check('^FL_errorcombi;', HRP049_)
  }
  HRMS001_to_HRMS027_
  HRHT101_

```

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HRCF827_ (dk,rf)
HRHT103_ (dk,rf)
HRHT104_ (dk,rf)
HRWR101_to_HRWR110_
HRCF009_ (stopwatch.js,rf)
if (HRCF009_ is response) {
  HRRF106_
  if ((96 in HRRF106_) and (count(HRRF106_) > 1)) {
    check('^FL_errorcombi;', HRRF106_)
  }
}
HRSC001_ (stopwatch.js)
HRBC101_HRBC102_ (stopwatch.js,rf)
HRCD101_to_HRCD105_
HRDR101_
HRLM001_to_HRLM004_
HRRE001_to_HRRE021_
HRCP001_to_HRCP011_
HRSD001_to_HRSD003_
HRCR001_to_HRCR012_
HRLM101_to_HRLM123_
HRBR001_
HRNS001_ (dk,rf)
if (HRNS001_ != 90) {
  HRNS002_ (dk,rf)
  if (HRNS002_ = 5 or HRNS002_ = 6 or HRNS002_ is dk) {
    HRNS003_
  }
  if (HRNS002_ = 1 or HRNS003_ = 1) {
    HRNS004_
    if (HRNS004_ = 1) {
      HRNS005_
      if (HRN_random = 1) {
        HRNS131_ (dk,rf)
        HRNS132_ (dk,rf)
        HRNS133_ (dk,rf)
        if (HRNS131_ = 1) {
          calculate(Cal_HRNS131, 1)
        } else {
          calculate(Cal_HRNS131, 0)
        }
        if (HRNS132_ = 1) {
          calculate(Cal_HRNS132, 1)
        } else {
          calculate(Cal_HRNS132, 0)
        }
        if (HRNS133_ = 1) {
          calculate(Cal_HRNS133, 1)
        } else {
          calculate(Cal_HRNS133, 0)
        }
        calculate(Cal_HRNS101, Cal_HRNS131 + Cal_HRNS132 + Cal_HRNS133)
      }
      HRNS101_
      if (Cal_HRNS101 = 0) {
        HRNS111_ (dk,rf)
        HRNS112_ (dk,rf)
        HRNS113_ (dk,rf)
      } elseif (Cal_HRNS101 = 1) {
        HRNS121_ (dk,rf)
        HRNS122_ (dk,rf)
        HRNS123_ (dk,rf)
      } elseif (Cal_HRNS101 = 2) {
        HRNS141_ (dk,rf)
        HRNS142_ (dk,rf)
        HRNS143_ (dk,rf)
      } elseif (Cal_HRNS101 = 3) {
        HRNS151_ (dk,rf)
        HRNS152_ (dk,rf)
        HRNS153_ (dk,rf)
      }
    }
    } elseif (HRN_random = 2) {
      HRNS231_ (dk,rf)
      HRNS232_ (dk,rf)
      HRNS233_ (dk,rf)
      if (HRNS231_ = 1) {
        calculate(Cal_HRNS231, 1)
      } else {
        calculate(Cal_HRNS231, 0)
      }
    }
    if (HRNS232_ = 1) {

```

```

        calculate(Cal_HRNS232, 1)
    } else {
        calculate(Cal_HRNS232, 0)
    }
    if (HRNS233_ = 1) {
        calculate(Cal_HRNS233, 1)
    } else {
        calculate(Cal_HRNS233, 0)
    }
    calculate(Cal_HRNS201, Cal_HRNS231 + Cal_HRNS232 + Cal_HRNS233)
    HRNS201_
    if (Cal_HRNS201 = 0) {
        HRNS211_ (dk,rf)
        HRNS212_ (dk,rf)
        HRNS213_ (dk,rf)
    } elseif (Cal_HRNS201 = 1) {
        HRNS221_ (dk,rf)
        HRNS222_ (dk,rf)
        HRNS223_ (dk,rf)
    } elseif (Cal_HRNS201 = 2) {
        HRNS241_ (dk,rf)
        HRNS242_ (dk,rf)
        HRNS243_ (dk,rf)
    } elseif (Cal_HRNS201 = 3) {
        HRNS251_ (dk,rf)
        HRNS252_ (dk,rf)
        HRNS253_ (dk,rf)
    }
}
}
}
}
HRRV001_to_HRRV017_
HRTM001_to_HRTM012_
HRMH001_
HRMH002_ (dk,rf)
HRMH003_ (dk,rf)
HRMH004_ (dk,rf)
HRMH005_ (dk,rf)
if (HRMH005_ = 3) {
    HRMH006_ (dk,rf)
}
HRMH007_ (dk,rf)
HRMH008_ (dk,rf)
if (HRMH008_ = 3) {
    HRMH009_ (dk,rf)
}
HRMH010_ (dk,rf)
HRMH011_ (dk,rf)
if (HRMH011_ = 3) {
    HRMH012_ (dk,rf)
}
HRMH013_ (dk,rf)
HRMH014_ (dk,rf)
HRMH015_ (dk,rf)
HRMH016_ (dk,rf)
HRMH017_ (dk,rf)
HRMH033_
HRMH034_ (dk,rf)
HRMH035_ (dk,rf)
HRMH036_ (dk,rf)
HRMH037_ (dk,rf)
HRSB001_
HRSB002_ HRSB003_ HRSB004_ (dk,rf)
if (HRSB003_ = 24 and HRSB004_ > 0) {
    check('It is not possible to enter more than 24 hours in total.', HRSB003_)
}
HRSB005_ HRSB006_ HRSB007_ (dk,rf)
if (HRSB006_ = 24 and HRSB007_ > 0) {
    check('It is not possible to enter more than 24 hours in total.', HRSB006_)
}
HRSB008_
HRSB012_ (dk,rf)
HREI001_
HRIQ001_
HRIV007_
HRIN001_
HRIN002_
HRIV008_
HRIC001_

```



```
HRIV002_  
HRIC002_  
HRIC003_  
if (HRIC003_ = 1) {  
  HRIC004_  
  HRIC005_  
  HRIC006_  
}  
HRIC007_  
}  
HRIN003_  
HRIN004_  
HRIN005_
```
