

w1_hcap_ff_user_paper_version_20240307

Variables

FL_sincewhen

Assign variable: String

FL_heshe

Assign variable: String

FL_firstname

Assign variable: String

FL_hisher

Assign variable: String

FL_time

Assign variable: String

FL_HCAP_gsR_1

Assign variable: String

FL_years

Assign variable: String

FL_HCAP_gsR_2

Assign variable: String

FL_himselfherself

Assign variable: String

FL_HCAP_gsR_3

Assign variable: String

FL_himher

Assign variable: String

FL_HCAP_gsR_4

Assign variable: String

Cal_ago

Sum variable: Numeric

FL_HCAP_gsR_5

Assign variable: String

Cal_HIDM004

Sum variable: Numeric

FL_HCAP_gsR_6

Assign variable: String

FL_HCAP_gsR_7

Assign variable: String

FL_HCAP_gsFF_1

Assign variable: String

FL_HCAP_gsFF_2

Assign variable: String

FL_HCAP_gsFF_3

Assign variable: String

version

Assign variable: String

Questions

Page 1

all respondents

HIA001_

Some time ago, we sent you an invitation letter, which also included a data protection statement. Have you received the statement?

IWER: If interview is conducted face-to-face, hand out advance letter, leaflet and data protection statement to R. Answer all questions of the R. Code "No" if advance letter, leaflet and data protection statement handed out to R during the interview and R did not receive an invitation letter with a data protection statement before the interview.

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 2

if (HIA001_ = 5)

HIA002_

In this case, I will then summarise the most important points of the statement for you. Furthermore, I will be pleased to answer any question regarding the protection of your data that you may have.

The [FILL in name of CTL institution] in cooperation with SHARE-ERIC are responsible for the implementation of the survey. We, [FILL in name of Survey Agency], are commissioned to carry out the interviews.

The purpose of the study is to provide scientists with data on health, socio-economic status and social and family networks to address their research questions in relation to the process of population ageing.

Participating in this interview is voluntary and the information is kept confidential. We will not record the conversation. During the interview, I will enter your answers in a computer. They will be stored together with a code number only. I.e., your contact details and names are strictly stored separately from the information provided by you during the interview. Your contact details and names will be stored until the end of the SHARE study's last wave of data collection only. After the collection of the individual interviews, they will be compiled and later on be used only for research purposes in different analyses, without the individual researcher knowing your identity. The results of the analyses will be presented in an anonymised form only.

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. Non-participation will not lead to any disadvantages for you. You can also withdraw consent at any time with effect for the future. Furthermore, you have several other data protection rights. In the next step, I will tell you how you can receive more information about your rights.

It is very important for us to make sure that you understood all the information – therefore, please ask any questions that you may still have now.

Do you agree to participate in this study?

IWER: Answer all questions of R.

Answer type: Radio buttons

Categories:

1. Yes, R consented to participate.
2. No, R refused to participate. No interview possible.

Page 3

if (HIA002_ = 1)

HIA003_

Thank you. For further information, you can contact us by calling [FILL in telephone number of survey agency]. Furthermore, we can send the data protection statement to you again. Do you want us to send you the statement once more?

IWER: Provide R sufficient time to note the telephone number.

Answer type: Radio buttons

Categories:

1. Yes, R wants the data protection statement to be sent again
2. No, R has received information to R's satisfaction

Page 4

if (HIA001_ = 1)

HIA004_

If you have questions regarding the data protection statement, I will be pleased to answer them. Let me stress that participating in this interview is voluntary and that the information is kept confidential. We will not record the conversation. Instead, during the interview, I will enter your answers in a computer. 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.

It is very important for us to make sure that you understood all the information – therefore, please ask any questions that you may still have now.

Do you agree to participate in this study?

IWER: Answer all questions of R.

Answer type: Radio buttons

Categories:

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

Page 5

if (HIA002_ = 2 or HIA004_ = 2)

HIA005_

IWER: Are you sure that Respondent has refused to participate?

Answer type: Radio buttons

Categories:

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

Page 6

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIFW001_

*IWER: Please note the **first name** of the **SHARE Respondent** (the person that participated in the cognitive tests interview). Ask if unsure.*

Do **not** use any last names.

Answer type: String

Page 7

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIFW002_

*IWER: Please note the sex of the **SHARE Respondent** (the person that participated in the cognitive tests interview). Ask if unsure.*

Answer type: Radio buttons

Categories:

1. Male
2. Female

Page 8

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIA006_}

Thank you for agreeing to participate in this study. In this interview I will be asking you about **[[HIFW001_] /]**. I will ask about how [he / she /] performs on daily tasks, [his / her /] social activities and [his / her /] memory and thinking. But at first I would like to ask you a few questions about yourself.

Answer type: None

Page 9

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDN003_

In which year were you born?

Answer type: Integer

Min: 1900

Max: 2008

Label-left: Year:

Page 10

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDN002_

In which month were you born?

IWER: Type month as a number between 1 and 12.

Answer type: Integer

Min: 1

Max: 12

Label-left: Month:

Page 11

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDN042_

IWER: Please note the sex of the person you are interviewing. Ask if unsure.

Answer type: Radio buttons

Categories:

1. Male
2. Female

Page 12

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDN010_

What is the highest school leaving certificate or school degree that you have obtained?

IWER: Read out. If respondent mentions foreign degree/certificate, please ask if he/she can fit their degree into the given categories, if they cannot, please use the "other" option and type it in.

Answer type: Radio buttons

Categories:

1. No schooling/education at all
2. Some education, but less than [instead of put respective country specific degree]
3. [Country specific category]
4. [Country specific category]
5. [Country specific category]
6. [Country specific category]
7. [Country specific category]
8. [Country specific category]
9. [Country specific category]
10. [Country specific category]
11. [Country specific category]
12. [Country specific category]
13. [Country specific category]
14. [Country specific category]
15. [Country specific category]
16. [Country specific category]
17. [Country specific category]
18. [Country specific category]
19. [Country specific category]
20. [Country specific category]
95. No degree yet/still in school
97. Other:

HIDN011_

Question type: Inline text field attached to code 97 of question "HIDN010_"

Answer type: String

Page 13

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDN012_

Which degrees of higher education or vocational training do you have?

IWER: Read out. Code all that apply. If respondent answers 'still in education/vocational training' please ask if he/she already holds one of the other degrees.

Answer type: Checkboxes

Categories:

1. No higher education/vocational training
2. Some education, but less than [instead of put respective country specific degree]
3. [Country specific category]
4. [Country specific category]
5. [Country specific category]
6. [Country specific category]

7. [Country specific category]
8. [Country specific category]
9. [Country specific category]
10. [Country specific category]
11. [Country specific category]
12. [Country specific category]
13. [Country specific category]
14. [Country specific category]
15. [Country specific category]
16. [Country specific category]
17. [Country specific category]
18. [Country specific category]
19. [Country specific category]
20. [Country specific category]
95. Still in education/vocational training
97. Other:

HIDN013_

Question type: Inline text field attached to code 97 of question "HIDN012_"

Answer type: String

Page 14

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDM001_

What is your relationship with [[HIFW001_] /]? Are you [his / her /]...

Answer type: Radio buttons

Categories:

1. Spouse/Partner
2. Child
3. Grandchild
4. Sibling
5. Parent
6. Friend
7. Guardian
8. Neighbor
97. Other:

HIDM002_

Question type: Inline text field attached to code 97 of question "HIDM001_"

Answer type: String

Page 15

if (HIDM001_ = 1 or HIDM001_ = 6 or HIDM001_ = 7 or HIDM001_ = 8 or HIDM001_ = 97 or HIDM001_ is dk or HIDM001_ is rf)

{HIDM003_}

How long have you known [[HIFW001_] /]? Please give your answer in years and months.

IWER: If only years are mentioned, type "0" in the MONTHS field. If only months are mentioned, type "0" in the YEARS field.

Answer type: None

HIDM004_

Answer type: Integer

Min: 0

Max: 100

Label-left: Years:

HIDM005_

Answer type: Integer

Min: 0

Max: 12

Label-left: Months:

Page 16

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDM006_

On average in the past year how often did you see [[HIFW001_] /]?

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Live with [[HIFW001_] /]
2. Daily
3. Several times a week
4. Once a week
5. One to three times a month
6. Less than once a month
7. Never
97. Other:

HIDM007_

Question type: Inline text field attached to code 97 of question "HIDM006_"

Answer type: String

Page 17

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDM008_

Do you provide care to [[HIFW001_] /]? This includes care you provide formally as a paid employee or informally as a family member or friend.

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 18

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIDM009_

Has [[HIFW001_] /] ever been diagnosed with any of the following conditions? Please answer yes or no for each of them.

IWER: Read out.

Question type: Table

Answer type: Radio buttons

Sub-questions:

HIDM009_1 Stroke

HIDM009_2 Parkinson's disease

HIDM009_3 Alzheimer's disease

HIDM009_4 Any other form of dementia

HIDM009_5 Memory problems

Categories:

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

Page 19

if (CaI_HIDM004 = 0)

{HIJ000_}

We want you to remember what [[HIFW001_] /] was like when you got to know each other and to compare it with what [he / she /] is like now. I will read situations where [[HIFW001_] /] has to use [his / her /] memory or intelligence and I want you to indicate whether this has improved, stayed the same or got worse in that situation since you have first met [him / her /].

Note the importance of comparing [his / her /] present performance **with the time point when you got to know each**

other. So if at the time when you first met [him / her /], [[HIFW001_] /] always forgot where [he / she /] had left things, and [he / she /] still does, then this would be considered 'Not much changed'.

Answer type: None

Page 20

**if (Cal_HIDM004 > 0)
{HIJO100_}**

We want you to remember what [[HIFW001_] /] was like [[Cal_HIDM004] years / [Cal_HIDM004] year /] ago and to compare it with what [he / she /] is like now. [[Cal_HIDM004] years / [Cal_HIDM004] year /] ago was in [Cal_ago]. I will read situations where [[HIFW001_] /] has to use [his / her /] memory or intelligence and I want you to indicate whether this has improved, stayed the same or got worse in that situation over the past [[Cal_HIDM004] years / [Cal_HIDM004] year /].

Note the importance of comparing [his / her /] present performance **with [[Cal_HIDM004] years / [Cal_HIDM004] year /] ago.** So if [[Cal_HIDM004] years / [Cal_HIDM004] year /] ago [[HIFW001_] /] always forgot where [he / she /] had left things, and [he / she /] still does, then this would be considered 'Not much changed'.

Answer type: None

Page 21

-9 = Don't know
-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIJO001_**

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at remembering **things about family and friends, such as occupations, birthdays, and addresses?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 22

-9 = Don't know
-8 = Refusal

**if (HIJO001_ = 1)
HIJO002_**

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 23

-9 = Don't know
-8 = Refusal

**if (HIJO001_ = 3)
HIJO003_**

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 24

-9 = Don't know
-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIJO004_**

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at remembering **things that have happened recently**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 25

-9 = Don't know

-8 = Refusal

if (HIJO004_ = 1)

HIJO005_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 26

-9 = Don't know

-8 = Refusal

if (HIJO004_ = 3)

HIJO006_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 27

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO007_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at recalling **conversations a few days later**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 28

-9 = Don't know

-8 = Refusal

if (HIJO007_ = 1)

HIJO008_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
 2. A bit improved
-

Page 29

-9 = Don't know
-8 = Refusal

if (HIJO007_ = 3)

HIJO009_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 30

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO010_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at remembering [his / her /] **address and telephone number**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 31

-9 = Don't know
-8 = Refusal

if (HIJO010_ = 1)

HIJO011_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 32

-9 = Don't know
-8 = Refusal

if (HIJO010_ = 3)

HIJO012_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 33

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO016_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at remembering **what day and month it is**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved

2. Not much changed
3. Gotten worse

Page 34

-9 = Don't know
-8 = Refusal

if (HIJO016_ = 1)

HIJO017_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 35

-9 = Don't know
-8 = Refusal

if (HIJO016_ = 3)

HIJO018_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 36

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO019_

Compared with [[CaL_HIDM004] year ago / [CaL_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at remembering **where things are usually kept**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 37

-9 = Don't know
-8 = Refusal

if (HIJO019_ = 1)

HIJO020_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 38

-9 = Don't know
-8 = Refusal

if (HIJO019_ = 3)

HIJO021_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 39

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO022_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at remembering **where to find things, which have been put in a different place from usual**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 40

-9 = Don't know
-8 = Refusal

if (HIJO022_ = 1)

HIJO023_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 41

-9 = Don't know
-8 = Refusal

if (HIJO022_ = 3)

HIJO024_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 42

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO025_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **knowing how to work familiar machines around the home**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 43

-9 = Don't know
-8 = Refusal

if (HIJO025_ = 1)**HIJO026_**

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 44

-9 = Don't know

-8 = Refusal

if (HIJO025_ = 3)**HIJO027_**

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 45

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)**HIJO028_**

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **learning to use a new gadget or machine around the home?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 46

-9 = Don't know

-8 = Refusal

if (HIJO028_ = 1)**HIJO029_**

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 47

-9 = Don't know

-8 = Refusal

if (HIJO028_ = 3)**HIJO030_**

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 48

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO031_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **learning new things in general**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 49

-9 = Don't know
-8 = Refusal

if (HIJO031_ = 1)

HIJO032_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 50

-9 = Don't know
-8 = Refusal

if (HIJO031_ = 3)

HIJO033_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 51

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO034_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **following a story in a book or on TV**? Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 52

-9 = Don't know
-8 = Refusal

if (HIJO034_ = 1)

HIJO035_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 53

-9 = Don't know
-8 = Refusal

if (HIJO034_ = 3)

HIJO036_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 54

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO037_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **making decisions on everyday matters?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 55

-9 = Don't know
-8 = Refusal

if (HIJO037_ = 1)

HIJO038_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 56

-9 = Don't know
-8 = Refusal

if (HIJO037_ = 3)

HIJO039_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 57

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO040_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **handling money for shopping?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 58

-9 = Don't know

-8 = Refusal

if (HIJO040_ = 1)

HIJO041_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 59

-9 = Don't know

-8 = Refusal

if (HIJO040_ = 3)

HIJO042_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 60

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIJO043_

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **handling financial matters; for example, the pension, or dealing with the bank?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 61

-9 = Don't know

-8 = Refusal

if (HIJO043_ = 1)

HIJO044_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 62

-9 = Don't know

-8 = Refusal

**if (HIJO043_ = 3)
HIJO045_**

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 63

-9 = Don't know

-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIJO046_**

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **handling other everyday math problems; for example, knowing how much food to buy, knowing how long between visits from family or friends?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved
2. Not much changed
3. Gotten worse

Page 64

-9 = Don't know

-8 = Refusal

**if (HIJO046_ = 1)
HIJO047_**

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 65

-9 = Don't know

-8 = Refusal

**if (HIJO046_ = 3)
HIJO048_**

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 66

-9 = Don't know

-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIJO049_**

Compared with [[Cal_HIDM004] year ago / [Cal_HIDM004] years ago / when you first met /], how is [[HIFW001_] /] at **using [his / her /] intelligence to understand what is going on and to reason things through?** Has this...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Improved

2. Not much changed
3. Gotten worse

Page 67

-9 = Don't know
-8 = Refusal

if (HIJ0049_ = 1)

HIJ0050_

Is it much improved or a bit improved?

Answer type: Radio buttons

Categories:

1. Much improved
2. A bit improved

Page 68

-9 = Don't know
-8 = Refusal

if (HIJ0049_ = 3)

HIJ0051_

Is it much worse or a bit worse?

Answer type: Radio buttons

Categories:

1. Much worse
2. A bit worse

Page 69

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIBL001_}

Next, I am going to ask you how well [[HIFW001_] /] does with different activities.

Answer type: None

Page 70

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL002_

Regarding eating, would you say [[HIFW001_] /] feeds [himself / herself /] without assistance, with minor assistance, with much assistance, or has to be fed?

Answer type: Radio buttons

Categories:

1. Feeds self without assistance
2. Feeds self with minor assistance
3. Feeds self with much assistance
4. Has to be fed

Page 71

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL003_

Regarding using the toilet, would you say [[HIFW001_] /]...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Can clean and care for self at toilet
2. Has occasional incontinence, or needs to be reminded

3. Has frequent incontinence, or needs much assistance
4. Has little or no control

Page 72

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL004_

Regarding dressing, would you say [[HIFW001_] /]...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Is able to get dressed unaided
2. Requires minor help; Occasionally misplaces buttons, etc.
3. Requires much assistance; Wrong sequences, forgets items, etc.
4. Is unable to dress

Page 73

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL005_

Now I will ask you whether [[HIFW001_] /] needs personal assistance with the following activities, even if it is just minor assistance. Please answer yes or no:

IWER: Do not tick "Yes" if R only needs non-personal assistance (aids and appliances) like handrails, cane, etc. Select "Not applicable" if R never does this activity.

Question type: Table

Answer type: Radio buttons

Sub-questions:

HIBL005_1 Walking across the room

HIBL005_2 Bathing or showering

HIBL005_3 Getting in or out of bed

HIBL005_4 Using a map to figure out how to get around in a strange place

HIBL005_5 Preparing a hot meal

HIBL005_6 Shopping for groceries

HIBL005_7 Making telephone calls

HIBL005_8 Taking medications

HIBL005_9 Doing work around the home or garden

HIBL005_10 Managing money, such as paying bills and keeping track of expenses

HIBL005_11 Leaving home independently and accessing transportation services

HIBL005_12 Doing personal laundry

HIBL005_13 Using a computer, tablet, smartphone, or other devices, whether connected to the Internet or not

HIBL005_14 Assistance with grooming like dental hygiene, cutting nails, shaving or hairdressing

Categories:

1. Yes
5. No
97. Not applicable
98. Don't know
99. Refusal

Page 74

-9 = Don't know

-8 = Refusal

if (HIBL005_1 = 1 or HIBL005_2 = 1 or HIBL005_3 = 1 or HIBL005_4 = 1 or HIBL005_5 = 1 or HIBL005_6 = 1 or HIBL005_7 = 1 or HIBL005_8 = 1 or HIBL005_9 = 1 or HIBL005_10 = 1 or HIBL005_11 = 1 or HIBL005_12 = 1 or HIBL005_13 = 1 or HIBL005_14 = 1)

HIBL006_

Generally speaking, who usually provides assistance with these activities?

IWER: Code all that apply.

Answer type: Checkboxes

Categories:

1. Spouse/partner
2. Co-resident child; child, living at home
3. Other co-resident

4. Child away from home; child, not living at home
5. Other family member, not living at home
6. Neighbors/friends and/or acquaintances
7. Volunteers
8. Community or district nurse
9. Home care service
10. Private care or private pay care
11. Nursing home or hospital staff
12. No assistance

Page 75

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIAT001_}

We would like to know about [[HIFW001_] /]'s activities.

Thinking first about things done in the home, in an average day, how much time does [he / she /] spend **watching television**? Please give an answer in hours and minutes.

IWER: If only hours are mentioned, type "0" in the MINUTES field. If only minutes are mentioned, type "0" in the HOURS field.

Answer type: None

HIAT002_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HIAT003_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 76

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIAT004_}

In an average day how much time does [he / she /] spend **reading**? This includes internet, books, newspapers, and magazines. Please give an answer in hours and minutes.

IWER: If only hours are mentioned, type "0" in the MINUTES field. If only minutes are mentioned, type "0" in the HOURS field.

Answer type: None

HIAT005_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HIAT006_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 77

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIAT007_}

In an average day how much time does [he / she /] spend **doing chores, maintenance, or gardening**? Please give an answer in hours and minutes.

IWER: If only hours are mentioned, type "0" in the MINUTES field. If only minutes are mentioned, type "0" in the HOURS field.

Answer type: None

HIAT008_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HIAT009_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 78

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIAT010_}

In an average day how much time does [he / she /] spend **on a computer, tablet, smartphone or other devices, whether connected to the internet or not?** Please give an answer in hours and minutes.

IWER: If only hours are mentioned, type "0" in the MINUTES field. If only minutes are mentioned, type "0" in the HOURS field.

Answer type: None

HIAT011_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HIAT012_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 79

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIAT013_}

In an average day how much time does [he / she /] spend **taking naps during day time?** Please give an answer in hours and minutes.

IWER: If only hours are mentioned, type "0" in the MINUTES field. If only minutes are mentioned, type "0" in the HOURS field.

Answer type: None

HIAT014_

Answer type: Integer

Min: 0

Max: 24

Label-left: Hours:

HIAT015_

Answer type: Integer

Min: 0

Max: 59

Label-left: Minutes:

Page 80

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT016_

Are there any other common activities around the home that [he / she /] does in an average day?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 81

-9 = Don't know
-8 = Refusal

**if (HIAT016_ = 1)
{HIAT017_HIAT019}**

Please tell me which other common activities [he / she /] does **most frequently** around the home?

IWER: Probe for up to three activities.

If the R mentions activities outside the home, say: "Please list only the activities done around the home. We will be asking about activities outside the home later."

Answer type: None

HIAT017_

Answer type: String
Label-left: Activity 1:

HIAT018_

Answer type: String, empty
Label-left: Activity 2:

HIAT019_

Answer type: String, empty
Label-left: Activity 3:

Page 82

-9 = Don't know
-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIAT020_**

Does [he / she /] prepare hot meals?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 83

-9 = Don't know
-8 = Refusal

if (HIAT020_ = 1)

HIAT021_

How many days per week does [he / she /] prepare hot meals?

Answer type: Integer

Min: 1

Max: 7

Page 84

-9 = Don't know
-8 = Refusal

if (HIAT020_ = 1)

HIAT022_

How many times per day?

Answer type: Integer

Min: 1

Max: 10

Page 85

-9 = Don't know

-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIAT023_**

And now thinking about things away from home, is [he / she /] able to drive on [his / her /] own?

Answer type: Radio buttons

Categories:

1. Yes
5. No
6. Never learnt to drive

Page 86

-9 = Don't know

-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIAT024_**

Can [he / she /] use public transport on [his / her /] own?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 87

-9 = Don't know

-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIAT025_**

How often does [he / she /] go to work or volunteer, if at all? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Daily
2. Several times a week
3. Once a week
4. Once a month
5. Rarely
6. Never

Page 88

-9 = Don't know

-8 = Refusal

**if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HIAT026_**

How often does [he / she /] go to the store or market for food or other things, if at all? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Daily
2. Several times a week
3. Once a week
4. Once a month
5. Rarely
6. Never

Page 89

-9 = Don't know

-8 = Refusal

if (HIAT026_ < 6 and HIAT026_ > 0)

HIAT027_

Does [he / she /] usually go alone or with someone?

IWER: "With someone" meaning accompanied by someone either because of the need of assistance or for other reasons, e.g. socializing.

Answer type: Radio buttons

Categories:

1. Alone
5. With someone

Page 90

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT028_

How often does [he / she /] go for walks? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Daily
2. Several times a week
3. Once a week
4. Once a month
5. Rarely
6. Never

Page 91

-9 = Don't know

-8 = Refusal

if (HIAT028_ < 6 and HIAT028_ > 0)

HIAT029_

Does [he / she /] usually go alone or with someone?

IWER: "With someone" meaning accompanied by someone either because of the need of assistance or for other reasons, e.g. socializing.

Answer type: Radio buttons

Categories:

1. Alone
5. With someone

Page 92

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT030_

How often does [he / she /] play sports or exercise? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Daily
2. Several times a week
3. Once a week
4. Once a month
5. Rarely
6. Never

Page 93

-9 = Don't know

-8 = Refusal

if (HIAT030_ < 6 and HIAT030_ > 0)**HIAT031_**

Does [he / she /] usually play sports or exercise alone or with someone?

IWER: "With someone" meaning accompanied by someone either because of the need of assistance or for other reasons, e.g. socializing.

Answer type: Radio buttons

Categories:

1. Alone
5. With someone

Page 94

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)**HIAT032_**

Does [he / she /] do other common activities outside the home?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 95

-9 = Don't know

-8 = Refusal

if (HIAT032_ = 1)**{HIAT033_HIAT035}**

Please tell me which other common activities [he / she /] does **most frequently** outside the home?

IWER: Probe for up to three activities.

IWER: If the R mentions activities inside the home, say: "Please list only the activities done outside the home."

Answer type: None

HIAT033_

Answer type: String

Label-left: Activity 1:

HIAT034_

Answer type: String, empty

Label-left: Activity 2:

HIAT035_

Answer type: String, empty

Label-left: Activity 3:

Page 96

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)**HIAT036_**

We would also like to know more about how you think [[HIFW001_] /] feels during the day.

Thinking about the last time you were with [him / her /], how much would you say [he / she /] **felt happy**? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Not at all
2. A little
3. Somewhat
4. Quite a bit
5. Very much

Page 97

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT037_

Thinking about the last time you were with [him / her /], how much would you say [he / she /] **felt engaged**? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Not at all
2. A little
3. Somewhat
4. Quite a bit
5. Very much

Page 98

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT038_

Thinking about the last time you were with [him / her /], how much would you say [he / she /] **felt alert**? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Not at all
2. A little
3. Somewhat
4. Quite a bit
5. Very much

Page 99

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT039_

Thinking about the last time you were with [him / her /], how much would you say [he / she /] **felt interested**? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Not at all
2. A little
3. Somewhat
4. Quite a bit
5. Very much

Page 100

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT040_

Thinking about the last time you were with [him / her /], how much would you say [he / she /] **felt confused**? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Not at all
2. A little
3. Somewhat
4. Quite a bit
5. Very much

Page 101

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT041_

Thinking about the last time you were with [him / her /], how much would you say [he / she /] **felt withdrawn**? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Not at all
2. A little
3. Somewhat
4. Quite a bit
5. Very much

Page 102

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIAT042_

Have you seen a change in [his / her /] daily activities [in the past period you have known [FL_firstname] / in the past few years /]? Has there been no change, is [he / she /] slowing down, or have the activities decreased or discontinued?

Answer type: Radio buttons

Categories:

1. No change
2. Slowing down
3. Activities decreased or discontinued

Page 103

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD001_

Has there been a general decline in [his / her /] mental functioning?

IWER: If R asks, 'mental functioning' means solving problems, making decisions or remembering.

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 104

-9 = Don't know

-8 = Refusal

if (HICD001_ = 1)

HICD002_

When did you notice this? In which year did this happen?

Answer type: Integer

Min: 1922

Max: 2022

Label-left: Year:

Page 105

-9 = Don't know

-8 = Refusal

if (HICD001_ = 1)

HICD003_

And in which month?

Answer type: Integer

Min: 1

Max: 12

Label-left: Month:

Page 106

-9 = Don't know

-8 = Refusal

if (HICD001_ = 1)

HICD004_

Did this happen slowly or suddenly?

Answer type: Radio buttons

Categories:

1. Slowly

2. Suddenly

Page 107

-9 = Don't know

-8 = Refusal

if (HICD001_ = 1)

HICD005_

Has the course of the decline been a steady downhill progression or have there been abrupt declines?

Answer type: Radio buttons

Categories:

1. Steady

2. Abrupt

Page 108

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD006_

We all have slight difficulties with remembering things as we get older. Has this been a serious problem for [[HIFW001_] /]?

Answer type: Radio buttons

Categories:

1. Yes

5. No

Page 109

-9 = Don't know

-8 = Refusal

if (HICD006_ = 1)

HICD007_

Did this happen slowly or suddenly?

Answer type: Radio buttons

Categories:

1. Slowly

2. Suddenly

Page 110

-9 = Don't know

-8 = Refusal

if (HICD006_ = 1)

HICD008_

Has the course of the memory problems been a steady downhill progression or have there been abrupt declines?

Answer type: Radio buttons

Categories:

1. Steady
2. Abrupt

Page 111

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD009_

Now I would like to ask about other changes you may have noticed in [[HIFW001_] /].

Does [he / she /] forget where [he / she /] has put things? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 112

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD010_

Does [he / she /] forget where things are usually kept? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 113

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD011_

Does [he / she /] forget the names of friends? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 114

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD012_

Does [he / she /] forget the names of members of the family? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 115

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD013_

Does [he / she /] forget what [he / she /] wanted to say in the middle of a conversation? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 116

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD014_

When speaking does [he / she /] have difficulty finding the right words? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 117

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD015_

Does [he / she /] use the wrong words? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 118

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD016_

Does [he / she /] tend to talk about what happened long ago, rather than the present? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 119

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HICD017_

Does [he / she /] forget when [he / she /] last saw you? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 120

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HICD018_

Does [he / she /] forget what happened the day before? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 121

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HICD019_

Does [he / she /] forget where [he / she /] is? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 122

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)
HICD020_

Does [he / she /] get lost in the community, such as when finding the post office or friends' houses? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 123

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HICD021_

Does [he / she /] get lost in [his / her /] own home, such as when finding the toilet? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 124

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HITN001_

Does [he / she /] have difficulty performing household chores that [he / she /] used to do, such as preparing food or boiling a pot of tea? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 125

-9 = Don't know
-8 = Refusal

if (HITN001_ = 1 or HITN001_ = 2)

HITN002_

Would you say this is mainly due to physical reasons, mainly mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 126

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HITN003_

Has there been a loss of a special skill or hobby [he / she /] could manage before?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 127

-9 = Don't know
-8 = Refusal

if (HITN003_ = 1)

HITN004_

Would you say this is mainly due to physical reasons, mainly mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 128

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HITN005_

Has there been a change in [his / her /] ability to handle money?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 129

-9 = Don't know

-8 = Refusal

if (HITN005_ = 1)

HITN006_

Would you say this is mainly due to physical reasons, mainly mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 130

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HITN007_

In terms of [his / her /] ability to handle money, would you say [he / she /] has...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. No difficulty
2. Some difficulty
3. Cannot handle money

Page 131

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HITN008_

Does [he / she /] have difficulty in adjusting to change in [his / her /] daily routine? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. Yes, often
2. Yes, sometimes
5. No

Page 132

-9 = Don't know
-8 = Refusal

if (HITN008_ = 1 or HITN008_ = 2)

HITN009_

Would you say this is mainly due to physical reasons, mainly mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 133

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HITN010_

Have you noticed a change in [his / her /] ability to think and reason?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 134

-9 = Don't know
-8 = Refusal

if (HITN010_ = 1)

HITN011_

Would you say this is mainly due to physical reasons, mainly mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 135

-9 = Don't know
-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL008_

We would like to ask for some information about how well [[HIFW001_] /] is able to do some additional activities.

Has there been a loss in [his / her /] ability to do household tasks? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

If Respondent mentions that he/she has known [[HIFW001_] /] for less than 6 months, ask to refer to the time period since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
2. Some loss
3. Severe loss
7. Does not apply

Page 136

-9 = Don't know
-8 = Refusal

if (HIBL008_ = 2 or HIBL008_ = 3)

HIBL009_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 137

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL010_

Has there been a loss in [his / her /] ability to cope with small sums of money? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
2. Some loss
3. Severe loss
7. Does not apply

Page 138

-9 = Don't know

-8 = Refusal

if (HIBL010_ = 2 or HIBL010_ = 3)

HIBL011_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 139

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL012_

Has there been a loss in [his / her /] ability to remember a short list of items, such as a shopping list? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
2. Some loss
3. Severe loss
7. Does not apply

Page 140

-9 = Don't know

-8 = Refusal

if (HIBL012_ = 2 or HIBL012_ = 3)

HIBL013_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 141

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL014_

Has there been a loss in [his / her /] ability to find [his / her /] way about indoors at home or other familiar locations? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
2. Some loss
3. Severe loss
7. Does not apply

Page 142

-9 = Don't know

-8 = Refusal

if (HIBL014_ = 2 or HIBL014_ = 3)

HIBL015_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 143

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL016_

Has there been a loss in [his / her /] ability to find [his / her /] way around familiar streets? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
 2. Some loss
 3. Severe loss
 7. Does not apply
-

Page 144

-9 = Don't know

-8 = Refusal

if (HIBL016_ = 2 or HIBL016_ = 3)

HIBL017_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 145

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL018_

Has there been a loss in [his / her /] ability to grasp situations or explanations? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
2. Some loss
3. Severe loss
7. Does not apply

Page 146

-9 = Don't know

-8 = Refusal

if (HIBL018_ = 2 or HIBL018_ = 3)

HIBL019_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 147

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL020_

Has there been a loss in [his / her /] ability to recall recent events? Would you say...

IWER: Read out.

DO NOT READ OUT "Does not apply."

Only code "Does not apply" if [[HIFW001_] /] has never been able to do the activity in question since they have known each other.

Answer type: Radio buttons

Categories:

1. No loss
2. Some loss
3. Severe loss
7. Does not apply

Page 148

-9 = Don't know

-8 = Refusal

if (HIBL020_ = 2 or HIBL020_ = 3)

HIBL021_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 149

-9 = Don't know

-8 = Refusal

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIBL022_

Does [[HIFW001_] /] tend to dwell on the past? Would you say...

IWER: Read out.

Answer type: Radio buttons

Categories:

1. None of the time
2. Sometimes
3. Frequently

Page 150

-9 = Don't know

-8 = Refusal

if (HIBL022_ = 2 or HIBL022_ = 3)

HIBL023_

Would you say this is mainly due to physical reasons, mental reasons, or both?

Answer type: Radio buttons

Categories:

1. Mainly physical
2. Mainly mental
3. Both

Page 151

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

{HIBL024_}

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

Answer type: None

Page 152

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIIN001_

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 INTERVIEWED PERSON.

How was this interview conducted?

Answer type: Radio buttons

Categories:

1. In person (face-to-face)
2. On the telephone

Page 153

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIIV007_HIIV008

Question type: Table

Answer type: Radio buttons

Sub-questions:

HIIV007_ Did the respondent ask for clarification on any questions?

HIIN002_ Did you feel that the respondent was reluctant to answer any questions?

HIIN003_ Did you feel that the respondent tried to answer the questions to the best of his/her ability?

HIIV008_ Did you feel that the respondent understood the questions?

Categories:

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

Page 154

if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2)

HIIN004_

Was there anyone else present at the interview?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 155

if (HIIN004_ = 1)

HIIN005_

Was this person [[HIFW001_] /]?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 156

if (HIIN004_ = 1)

HIIN006_

Did this person interfere with the interview?

Answer type: Radio buttons

Categories:

1. Yes
5. No

Page 157

all respondents

HIID001_

Please enter your Interviewer ID.

Answer type: String

Page 158

all respondents

HIIN007_

Please add any additional comments or observations from the interview.

Answer type: Text, empty

Routing

```

if (1 = 1) {
  assign(version, '9.4.4')
}
HIA001_
if (HIA001_ = 5) {
  HIA002_
  if (HIA002_ = 1) {
    HIA003_
  }
} elseif (HIA001_ = 1) {
  HIA004_
}
if (HIA002_ = 2 or HIA004_ = 2) {
  HIA005_
}
if (HIA002_ = 1 or HIA004_ = 1 or HIA005_ = 2) {
  HIFW001_
  if (HIFW001_ is response) {
    assign(FL_firstname, '^HIFW001;')
  } else {
    assign(FL_firstname, '')
  }
  HIFW002_
  if (HIFW002_ = 1) {
    assign(FL_heshe, 'he')
    assign(FL_himher, 'him')
    assign(FL_himselfherself, 'himself')
    assign(FL_hisher, 'his')
    assign(FL_HCAP_gsR_1, '{empty}')
    assign(FL_HCAP_gsR_2, '{empty}')
    assign(FL_HCAP_gsR_3, '{empty}')
    assign(FL_HCAP_gsR_4, '{empty}')
    assign(FL_HCAP_gsR_5, '{empty}')
    assign(FL_HCAP_gsR_6, '{empty}')
    assign(FL_HCAP_gsR_7, '{empty}')
  } elseif (HIFW002_ = 2) {
    assign(FL_heshe, 'she')
    assign(FL_himher, 'her')
    assign(FL_himselfherself, 'herself')
    assign(FL_hisher, 'her')
    assign(FL_HCAP_gsR_1, '{empty}')
    assign(FL_HCAP_gsR_2, '{empty}')
    assign(FL_HCAP_gsR_3, '{empty}')
    assign(FL_HCAP_gsR_4, '{empty}')
    assign(FL_HCAP_gsR_5, '{empty}')
    assign(FL_HCAP_gsR_6, '{empty}')
    assign(FL_HCAP_gsR_7, '{empty}')
  } else {
    assign(FL_heshe, '')
    assign(FL_himher, '')
    assign(FL_himselfherself, '')
    assign(FL_hisher, '')
    assign(FL_HCAP_gsR_1, '{empty}')
    assign(FL_HCAP_gsR_2, '{empty}')
    assign(FL_HCAP_gsR_3, '{empty}')
    assign(FL_HCAP_gsR_4, '{empty}')
    assign(FL_HCAP_gsR_5, '{empty}')
    assign(FL_HCAP_gsR_6, '{empty}')
    assign(FL_HCAP_gsR_7, '{empty}')
  }
  HIA006_
  HIDN002_ (dk,rf)
  HIDN003_ (dk,rf)
  HIDN042_ (dk,rf)
  if (HIDN042_ = 1) {
    assign(FL_HCAP_gsFF_1, '{empty}')
    assign(FL_HCAP_gsFF_2, '{empty}')
    assign(FL_HCAP_gsFF_3, '{empty}')
  } elseif (HIDN042_ = 2) {
    assign(FL_HCAP_gsFF_1, '{empty}')
    assign(FL_HCAP_gsFF_2, '{empty}')
    assign(FL_HCAP_gsFF_3, '{empty}')
  } else {
    assign(FL_HCAP_gsFF_1, '{empty}')
    assign(FL_HCAP_gsFF_2, '{empty}')
    assign(FL_HCAP_gsFF_3, '{empty}')
  }
}

```

```

HIDN010_ (dk,rf)
HIDN012_ (dk,rf)
if ((1 in HIDN012_) and (count(HIDN012_) > 1)) {
  check('The answer "No higher education/vocational training" cannot be chosen if any other form of higher or voca
}
HIDM001_ (dk,rf)
if (HIDM001_ = 1 or HIDM001_ = 6 or HIDM001_ = 7 or HIDM001_ = 8 or HIDM001_ = 97 or HIDM001_ is dk or HIDM001_ is
  HIDM003_ HIDM004_ HIDM005_
)
if (HIDM001_ = 2 or HIDM001_ = 3 or HIDM001_ = 4 or HIDM001_ = 5) {
  calculate(Cal_HIDM004, 10)
} elseif (HIDM004_ < 11) {
  calculate(Cal_HIDM004, HIDM004_)
} elseif (HIDM004_ > 10) {
  calculate(Cal_HIDM004, 10)
} else {
  calculate(Cal_HIDM004, 10)
}
calculate(Cal_ago, _current_date[y] - Cal_HIDM004)
if (Cal_HIDM004 = 1) {
  assign(FL_sincewhen, '^Cal_HIDM004; year ago')
} elseif (Cal_HIDM004 > 1) {
  assign(FL_sincewhen, '^Cal_HIDM004; years ago')
} elseif (Cal_HIDM004 = 0) {
  assign(FL_sincewhen, 'when you first met')
} else {
  assign(FL_sincewhen, '')
}
HIDM006_ (dk,rf)
HIDM008_ (dk,rf)
HIDM009_
if (Cal_HIDM004 > 1) {
  assign(FL_years, '^Cal_HIDM004; years')
} elseif (Cal_HIDM004 = 1) {
  assign(FL_years, '^Cal_HIDM004; year')
} else {
  assign(FL_years, '')
}
if (Cal_HIDM004 = 0) {
  HIJ000_
}
if (Cal_HIDM004 > 0) {
  HIJ010_
}
HIJ001_ (dk,rf)
if (HIJ001_ = 1) {
  HIJ002_ (dk,rf)
}
if (HIJ001_ = 3) {
  HIJ003_ (dk,rf)
}
HIJ004_ (dk,rf)
if (HIJ004_ = 1) {
  HIJ005_ (dk,rf)
}
if (HIJ004_ = 3) {
  HIJ006_ (dk,rf)
}
HIJ007_ (dk,rf)
if (HIJ007_ = 1) {
  HIJ008_ (dk,rf)
}
if (HIJ007_ = 3) {
  HIJ009_ (dk,rf)
}
HIJ010_ (dk,rf)
if (HIJ010_ = 1) {
  HIJ011_ (dk,rf)
}
if (HIJ010_ = 3) {
  HIJ012_ (dk,rf)
}
HIJ016_ (dk,rf)
if (HIJ016_ = 1) {
  HIJ017_ (dk,rf)
}
if (HIJ016_ = 3) {
  HIJ018_ (dk,rf)
}
HIJ019_ (dk,rf)

```



```
if (HIJ0019_ = 1) {
  HIJ0020_ (dk,rf)
}
if (HIJ0019_ = 3) {
  HIJ0021_ (dk,rf)
}
HIJ0022_ (dk,rf)
if (HIJ0022_ = 1) {
  HIJ0023_ (dk,rf)
}
if (HIJ0022_ = 3) {
  HIJ0024_ (dk,rf)
}
HIJ0025_ (dk,rf)
if (HIJ0025_ = 1) {
  HIJ0026_ (dk,rf)
}
if (HIJ0025_ = 3) {
  HIJ0027_ (dk,rf)
}
HIJ0028_ (dk,rf)
if (HIJ0028_ = 1) {
  HIJ0029_ (dk,rf)
}
if (HIJ0028_ = 3) {
  HIJ0030_ (dk,rf)
}
HIJ0031_ (dk,rf)
if (HIJ0031_ = 1) {
  HIJ0032_ (dk,rf)
}
if (HIJ0031_ = 3) {
  HIJ0033_ (dk,rf)
}
HIJ0034_ (dk,rf)
if (HIJ0034_ = 1) {
  HIJ0035_ (dk,rf)
}
if (HIJ0034_ = 3) {
  HIJ0036_ (dk,rf)
}
HIJ0037_ (dk,rf)
if (HIJ0037_ = 1) {
  HIJ0038_ (dk,rf)
}
if (HIJ0037_ = 3) {
  HIJ0039_ (dk,rf)
}
HIJ0040_ (dk,rf)
if (HIJ0040_ = 1) {
  HIJ0041_ (dk,rf)
}
if (HIJ0040_ = 3) {
  HIJ0042_ (dk,rf)
}
HIJ0043_ (dk,rf)
if (HIJ0043_ = 1) {
  HIJ0044_ (dk,rf)
}
if (HIJ0043_ = 3) {
  HIJ0045_ (dk,rf)
}
HIJ0046_ (dk,rf)
if (HIJ0046_ = 1) {
  HIJ0047_ (dk,rf)
}
if (HIJ0046_ = 3) {
  HIJ0048_ (dk,rf)
}
HIJ0049_ (dk,rf)
if (HIJ0049_ = 1) {
  HIJ0050_ (dk,rf)
}
if (HIJ0049_ = 3) {
  HIJ0051_ (dk,rf)
}
HIBL001_
HIBL002_ (dk,rf)
HIBL003_ (dk,rf)
HIBL004_ (dk,rf)
```

```

HIBL005_
if (HIBL005_1 = 1 or HIBL005_2 = 1 or HIBL005_3 = 1 or HIBL005_4 = 1 or HIBL005_5 = 1 or HIBL005_6 = 1 or HIBL005_7
  HIBL006_ (dk,rf)
  if (12 in HIBL006_ and count(HIBL006_) > 1) {
    check('No assistance" cannot be chosen together with other options', HIBL006_)
  }
}
HIAT001_ HIAT002_ HIAT003_ (dk,rf)
if (HIAT002_ = 24 and HIAT003_ > 0) {
  check('Minutes cannot be larger than 0 if hours is 24', HIAT001_)
}
HIAT004_ HIAT005_ HIAT006_ (dk,rf)
if (HIAT005_ = 24 and HIAT006_ > 0) {
  check('Minutes cannot be larger than 0 if hours is 24', HIAT004_)
}
HIAT007_ HIAT008_ HIAT009_ (dk,rf)
if (HIAT008_ = 24 and HIAT009_ > 0) {
  check('Minutes cannot be larger than 0 if hours is 24', HIAT007_)
}
HIAT010_ HIAT011_ HIAT012_ (dk,rf)
if (HIAT011_ = 24 and HIAT012_ > 0) {
  check('Minutes cannot be larger than 0 if hours is 24', HIAT010_)
}
HIAT013_ HIAT014_ HIAT015_ (dk,rf)
if (HIAT014_ = 24 and HIAT015_ > 0) {
  check('Minutes cannot be larger than 0 if hours is 24', HIAT013_)
}
HIAT016_ (dk,rf)
if (HIAT016_ = 1) {
  HIAT017_ HIAT019_ HIAT017_ HIAT018_ HIAT019_ (dk,rf)
}
HIAT020_ (dk,rf)
if (HIAT020_ = 1) {
  HIAT021_ (dk,rf)
  HIAT022_ (dk,rf)
}
HIAT023_ (dk,rf)
HIAT024_ (dk,rf)
HIAT025_ (dk,rf)
HIAT026_ (dk,rf)
if (HIAT026_ < 6 and HIAT026_ > 0) {
  HIAT027_ (dk,rf)
}
HIAT028_ (dk,rf)
if (HIAT028_ < 6 and HIAT028_ > 0) {
  HIAT029_ (dk,rf)
}
HIAT030_ (dk,rf)
if (HIAT030_ < 6 and HIAT030_ > 0) {
  HIAT031_ (dk,rf)
}
HIAT032_ (dk,rf)
if (HIAT032_ = 1) {
  HIAT033_ HIAT035_ HIAT033_ HIAT034_ HIAT035_ (dk,rf)
}
HIAT036_ (dk,rf)
HIAT037_ (dk,rf)
HIAT038_ (dk,rf)
HIAT039_ (dk,rf)
HIAT040_ (dk,rf)
HIAT041_ (dk,rf)
if (Cal_HIDM004 < 2) {
  assign(FL_time, 'in the past period you have known ^FL_firstname;')
} elseif (Cal_HIDM004 > 1) {
  assign(FL_time, 'in the past few years')
} else {
  assign(FL_time, '')
}
HIAT042_ (dk,rf)
HICD001_ (dk,rf)
if (HICD001_ = 1) {
  HICD002_ (dk,rf)
  HICD003_ (dk,rf)
  HICD004_ (dk,rf)
  HICD005_ (dk,rf)
}
HICD006_ (dk,rf)
if (HICD006_ = 1) {
  HICD007_ (dk,rf)
  HICD008_ (dk,rf)
}

```

```
}
HICD009_ (dk,rf)
HICD010_ (dk,rf)
HICD011_ (dk,rf)
HICD012_ (dk,rf)
HICD013_ (dk,rf)
HICD014_ (dk,rf)
HICD015_ (dk,rf)
HICD016_ (dk,rf)
HICD017_ (dk,rf)
HICD018_ (dk,rf)
HICD019_ (dk,rf)
HICD020_ (dk,rf)
HICD021_ (dk,rf)
HITN001_ (dk,rf)
if (HITN001_ = 1 or HITN001_ = 2) {
  HITN002_ (dk,rf)
}
HITN003_ (dk,rf)
if (HITN003_ = 1) {
  HITN004_ (dk,rf)
}
HITN005_ (dk,rf)
if (HITN005_ = 1) {
  HITN006_ (dk,rf)
}
HITN007_ (dk,rf)
HITN008_ (dk,rf)
if (HITN008_ = 1 or HITN008_ = 2) {
  HITN009_ (dk,rf)
}
HITN010_ (dk,rf)
if (HITN010_ = 1) {
  HITN011_ (dk,rf)
}
HIBL008_ (dk,rf)
if (HIBL008_ = 2 or HIBL008_ = 3) {
  HIBL009_ (dk,rf)
}
HIBL010_ (dk,rf)
if (HIBL010_ = 2 or HIBL010_ = 3) {
  HIBL011_ (dk,rf)
}
HIBL012_ (dk,rf)
if (HIBL012_ = 2 or HIBL012_ = 3) {
  HIBL013_ (dk,rf)
}
HIBL014_ (dk,rf)
if (HIBL014_ = 2 or HIBL014_ = 3) {
  HIBL015_ (dk,rf)
}
HIBL016_ (dk,rf)
if (HIBL016_ = 2 or HIBL016_ = 3) {
  HIBL017_ (dk,rf)
}
HIBL018_ (dk,rf)
if (HIBL018_ = 2 or HIBL018_ = 3) {
  HIBL019_ (dk,rf)
}
HIBL020_ (dk,rf)
if (HIBL020_ = 2 or HIBL020_ = 3) {
  HIBL021_ (dk,rf)
}
HIBL022_ (dk,rf)
if (HIBL022_ = 2 or HIBL022_ = 3) {
  HIBL023_ (dk,rf)
}
HIBL024_
HIIN001_
HIIV007_HIIV008
HIIN004_
if (HIIN004_ = 1) {
  HIIN005_
  HIIN006_
}
}
HIID001_
HIIN007_
```