

Delstudie:

KARISMA 2



**Karolinska
Institutet**

Karisma

Baseline questionnaire

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Reading the metadata

The survey is built up by questions, which are grouped into the following epidemiological themes.

Themes
Socioeconomic/demographic characteristics
Perception of Health
Medication
Women's Health
Reproductive History
Life Habits/Behaviours
Individual Disease History
Familial Disease History
Symptoms
Health Information

These high level themes are built up by the following domains.

Domains

Name	Description
soc	Socio-economy/socio-demographics
phs	Physiology
wom	Women's health
med	Medication
smo	Smoking

snu	Snus use
alc	Alcohol
bre	Breast diseases
can	Cancer
dis	Diseases
gen	Genetic tests
qua	Quality of life
qlq	Instrument QLQ-C30, quality of life
kas	Instrument KAS, sense of coherence
sle	Sleep
msa	Symptom
fac	Specific symptoms
lit	Health information

Each question in the survey, when saved as database variables, is named in accordance with the above domain names. E.g., the variable "soc_education" is the variable for the education level question, which asks the study participant about his/her education level. All variables in the database concerning socio-demographic issues start with the three letters "soc_", which unifies all "socio-demographic" variables into one and same domain name space "soc_". Moreover, all variable domain names together define the full name space for the questionnaire.

Questionnaire items and variable names

a) Below questionnaire element shows a question with a single answer option. The corresponding variable in the dataset is "soc_education" having the predefined answer options "1", "2", "3", "4", "5", "6" and "998".

[soc_education] - Education level

bg5. Which is the highest level of education you completed / are working on?
--

- ☐ Folkskola (up to 8 years) (5) ☐ University (3)
- ☐ Realskola (up to 10 years) (6) ☐ Other (please state) (4)_____
- ☐ Nine year school (1) ☐ Don't know / refuse (998)
- ☐ Gymnasium (2)

b) Below questionnaire element shows a question with a multi answer option also including open text fields. The corresponding variables in the dataset are:

Dataset variable	values
soc_sibling_full	0, 1
soc_sibling_half	0, 1
soc_sibling_oth	0, 1
soc_sibling_no	0, 1
soc_sibling_998	0, 1
soc_sibling_full_other	Free text
soc_sibling_half_other	Free text
soc_sibling_oth_other	Free text

[soc_sibling]

Do you have siblings?

Yes

☐ Full siblings (number) [full]
_____ [full_other]

☐ Half siblings (number) [half]
_____ [half_other]

☐ Other siblings, e.g. step
siblings_____ [oth_other]

☐ No [no]

☐ Don't know / refuse [998]

c) In below questionnaire element there is a question with grid answer options also having open text fields. The corresponding variables in the dataset are:

Dataset variable	value
soc_wrkpresent_pres_occ	Free text
soc_wrkpresent_pres_plc	Free text
soc_wrkpresent_pres_dur	Free text
soc_wrkpresent_pres_1	0, 1
soc_wrkpresent_pres_2	0, 1

[soc_wrkpresent]					
What is your present occupation and place of work?					
	Occupation (e.g. engineer, nurse) [occ]	Place of work (e.g. office, hospital) [plc]	Worked number of years [dur]	Full-time Part-time [int]	
				[1]	[2]
[pres]	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

d) When questions are updated, the corresponding variable name will receive a version number. The number will be placed within the name after the domain name part, e.g.:

Variable in dataset
soc_wrkpresent_pres_occ
soc2_wrkpresent_pres_occ

Variable extensions

Extension is a central notion in the metadata design used to build up the name space in the questionnaire data. Besides the domain pre-extensions described above there are also in- and post-extensions. E.g., "eat_weight_kg" is the name for a question concerning weight measured in kilogram in the eating disorder domain of questions. The most common extensions are:

Extension	Meaning
cm	Centimeter
kg	Kilogram
cl, 33cl, 50cl	Centiliter
frq	Frequency
dur	Duration
tms	Times
nbr	Number
date	Date
yrs, yr	Years
mnts, mnt	Months
wks, wk	Weeks
days, day	Days
hrs	Hours
min	Minutes
sec	Seconds
whc	Which
amnt	Amount
oth, other	Other

sum	sum
isoxxx	ISO-code
icdxxx	ICD-code
dsmxxx	DSM-code

Variable values - answer options

The answer options, i.e. variable values, are free text or predefined values. The most common predefined values for the variables in the questionnaire dataset are:

Precode	Meaning
1	Yes
2	No
1	Male
2	Female
1	Checkbox checked in a multi answer option question
0	Checkbox not checked in a multi answer option question, but shown to the study participant
999	Refuse to answer
998	Don't know / refuse
997	Don't know
996	None of these. Multi answer option questions often also have this answer option so the study participant can choose to say that none of the other answer options applies.
995	Question has been shown to the study participant, which chose not to respond to the question.
null	The variable does not have a value registered, i.e. the corresponding questions in the survey was not shown or

	answered by the study participant. "null" is the symbolic expression for a missing value.
--	---

Missing by design

The Karisma 2 baseline survey includes logic, which distributes an individualized set of questions to the survey responders. This will result in a dataset which recorded value wherever the respondent responded to the distributed question. This also means that wherever there is a missing value in the dataset, the responder was not given that question or did not respond to that question. The latter case is only possible if the survey was not completed, because all questions are mandatory in the survey.

This phenomenon is called "missing by design" and is of interest in analysis situations.

Longitudinal data

At study entry, the **Karisma 2** study participants respond to the baseline survey. This survey includes questions of "ever" character, e.g. what diseases the study participants ever had in their life. The study participants also respond to surveys at follow-ups, which occur at 1 month, 3 months and 6 months after study entry. Some of the participants respond to the "Exit" follow-up survey, this occurs when they interrupt their participation in the study. Some of the questions in the Karisma 2 follow-up surveys refer to the time "since last response" instead being of "ever" character. This is marked in the follow-up survey document (PDF-file). The following variables are available in the dataset to identify which questions were asked to the study participant at the different occasions.

Variable	Meaning
survey_name	Name of collecting survey, e.g. KARISMA S1 BASELINE, KARISMA S2 FOLLOWUP, KARISMA S3 FOLLOWUP, KARISMA S4 FOLLOWUP, KARISMA S20 EXIT
survey_version	Version of survey collecting data for study participant.

status	Whether survey respondent finished survey or not. "complete" means finished survey.
baseline_mode	Whether survey asked baseline questions or follow-up questions to the responder.
interview_lasttime	Time span which the questions of "since last response" character refers back to in the follow-up surveys.

Background - length, weight, age, education

phs_length_cm - Length

bg1. How tall are you?

- ☐ Taller than 200 cm (201)
- ☐ "Answer options from 200 cm to 140 cm in steps of 1 cm"
- ☐ Shorter than 140 cm (139)
- ☐ Don't know / refuse (998)

phs_weight_kg - Weight

bg2. How much to you weigh?

- ☐ More than 200 kg (201)
- ☐ "Answer options from 200 kg to 35 kg in steps of 1 kg"
- ☐ Less than 35 kg (34)
- ☐ Don't know / refuse (998)

yearofbirth - Year of birth

bg3. What year were you born?

- ☐ "Answer options from 2020 to 1880 in steps of 1 year"
- ☐ Don't know / refuse (998)

phs_bodyshape - Body shape

bg4. Please estimate your body shape today, at age 18 and at age 7.

For us, it is most important to know how the body shape has changed over time.

	"System shows pictures"									Don't know / refuse (998)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Today (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
One year before cancer diagnosis (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
At 18 years old (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
At 7 years old (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

soc_education - Education level

bg5. Which is the highest level of education you completed / are working on?

- | | |
|--|---|
| <input type="radio"/> Folkskola (up to 8 years) (5) | <input type="radio"/> University (3) |
| <input type="radio"/> Realskola (up to 10 years) (6) | <input type="radio"/> Other (please state) (4)_____ |
| <input type="radio"/> Nine year school (1) | <input type="radio"/> Don't know / refuse (998) |
| <input type="radio"/> Gymnasium (2) | |

Reproductive health

Menstruation and menopause

wom_mensfirst - Age at menarche

fer1. How old were you when you had your first menstrual period?

- ☐ 8 years old (1)
- ☐ 9 years old (2)
- ☐ 10 years old (3)
- ☐ 11 years old (4)
- ☐ 12 years old (5)
- ☐ 13 years old (6)
- ☐ 14 years old (7)
- ☐ 15 years old (8)
- ☐ 16 years old (9)
- ☐ 17 years old (10)
- ☐ 18 years old (11)
- ☐ 19 years old (12)
- ☐ 20 years old (13)
- ☐ 21 years old (14)
- ☐ 22 years old (15)
- ☐ 23 years old (16)
- ☐ 24 years old (17)
- ☐ 25 years old (18)
- ☐ Not got a period (no)
- ☐ Don't know / refuse (998)

wom_1styear_period – Had periods in last year

fer2. Have you had a menstrual period during the last year?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If fer2 is "no", show fer2a and fer2b

wom_1styr_reason - Reason for no period

fer2a. What is the reason that you did not have a menstrual period during the last year?

- | | | |
|--|--|--|
| <input type="checkbox"/> Pregnancy or breast feeding (1) | <input type="checkbox"/> Contraceptive (4) | <input type="checkbox"/> Anorexia / eating disorders (7) |
| <input type="checkbox"/> Menopause (2) | <input type="checkbox"/> Gynecological surgery (5) | <input type="checkbox"/> Other (8) |
| <input type="checkbox"/> Medication (3) | <input type="checkbox"/> Intense exercise (6) | <input type="radio"/> Don't know / refuse (998) |

wom_1sttime_previous_age – Age having period last time

fer2b. At what age did you have menstruation the last time?

- ☐ "67 to 1 in steps of 1 year"
- ☐ Since birth (0)
- ☐ Don't know / refuse (998)

If fer2 is "yes", show fer2c

wom_1sttime_recent - Know time of last period

fer2c. Do you remember when you had your last menstruation?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If fer2c is "yes", show fer2d

wom_1sttime_date - Date of the last period

fer2d. When was the first day you had your last period?

wom_periodregular - Usually has regular periods

fer3. {Earlier in your life as an adult, As an adult}, did you have periods each month and could predict the first day of your period with an accuracy of 5 days?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If fer3 is "yes", show fer3b

wom_cycle - Days in the cycle

fer3b. {In the last year you had your periods, how many days did you usually have in between your periods? How many days do you usually have in between your periods?}
{Example: if you used to have your period same day each month, your cycle is 30 days.
Example: if you use to have your period same day each month, your cycle is 30 days.}

- ☐ 22 days or shorter (1)
- ☐ 23 - 26 days (2)
- ☐ 27 - 30 days (3)
- ☐ 31 - 34 days (4)
- ☐ 35 - 38 days (5)
- ☐ 39 days or longer (6)
- ☐ Don't know / refuse (998)

If fer3 is "no", show fer3c and fer3d

wom_cycle_min - Minimum days in cycle

fer3c. {You mentioned earlier that you have had irregular periods.

In the last year you had your periods, how many days did you usually have in between your periods when they were the most frequent?

You mentioned earlier that you have (had) irregular periods.

How many days do you usually have in between your periods when they are the most frequent?

{Example: if you used to have your period same day each month, your cycle is 30 days.
Example: if you use to have your period same day each month, your cycle is 30 days.}

- ☐ 22 days or shorter (1)
- ☐ 23 - 26 days (2)
- ☐ 27 - 30 days (3)
- ☐ 31 - 34 days (4)
- ☐ 35 - 38 days (5)
- ☐ 39 days or longer (6)
- ☐ Don't know / refuse (998)

wom_cycle_max - Maximum days in cycle

fer3d. {How many days did you usually have in between your periods when you had them the least frequent?

How many days do you usually have in between your periods when you have them the least frequent?}

- ☐ 22 days or shorter (1)
- ☐ 23 - 26 days (2)
- ☐ 27 - 30 days (3)
- ☐ 31 - 34 days (4)
- ☐ 35 - 38 days (5)
- ☐ 39 days or longer (6)
- ☐ Don't know / refuse (998)

Contraception

wom_contr_whc - Ever used

fer4. Have you ever used any of the following hormonal contraceptives?

Yes

☐ Mini pills (min)

☐ Combination pills (regular oral contraceptives) (com)

☐ P-injection (pin)

☐ IUD copper (intrauterine device) (coc)

☐ IUD hormonal (intrauterine device) (hor)

☐ IUD other kind (intrauterine device) (coo)

☐ P-implant (pim)

☐ Other (please state) (oth)_____ (oth_other)

☐ No (no)

☐ Don't know / refuse (998)

If fer4 is "yes...", show fer4b

wom_contr - Start year and total use time of contraceptives

fer4b. Please estimate at what age you started with the following contraceptives and how long time all together you did use these.

	Started age (started)	Used altogether, years (used)
Mini pills (min)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
Combination pills (regulars oral contraceptive) (com)	<input type="radio"/> "67 down to 1 in steps of 1 year"	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2)

	Started age (started)	Used altogether, years (used)
	<input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
P-injection (pin)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
IUD copper (intrauterine device) (coc)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
IUD hormonal (intrauterine device) (hor)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5)

	Started age (started)	Used altogether, years (used)
		<input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
IUD other type (intrauterine device) (coo)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
P-implant (pim)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)
Other (oth)	<input type="radio"/> "67 down to 1 in steps of 1 year" <input type="radio"/> Since birth (0) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 0 - 3 months (1) <input type="radio"/> 3 - 24 months (2) <input type="radio"/> 2 - 5 years (3) <input type="radio"/> 6 - 10 years (4) <input type="radio"/> 11 - 15 years (5) <input type="radio"/> 16 - 20 years (6) <input type="radio"/> More than 20 years (7) <input type="radio"/> Don't know / refuse (998)

Infertility

wom_pregn_tried1yr - Tried get pregnant over 1 year

fer5. Did you ever try to get pregnant for one year or more?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If fer5 is "yes", show fer5b

wom_infertility_treat - Treatment for infertility

fer5b. Did you receive treatment for infertility?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If fer5b is "yes", show fer5c

wom_infertility_treat_whc - Treatment

fer5c. Which treatment did you get? (Mark all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Hormonal treatment only (ovarian stimulation) (1) | <input type="checkbox"/> Surgical treatment (5) |
| <input type="checkbox"/> Sperm insemination (2) | <input type="checkbox"/> Other treatment (please state) (6)
_____ (6_other) |
| <input type="checkbox"/> In vitro fertilization (IVF) (3) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> IVF with egg donation (4) | |

Pregnancy and child

wom_pregn – Pregnant last year

fer6. Have you been pregnant?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If fer6 is "yes", show fer6 (wom_pregn_times)

wom_pregn_times - Number of pregnancies

fer6. How many times have you been pregnant?

- ☐ None (no)
- ☐ 1 time (1)
- ☐ 2 times (2)
- ☐ 3 times (3)
- ☐ 4 times (4)
- ☐ 5 times (5)
- ☐ 6 times (6)
- ☐ 7 times (7)
- ☐ 8 times (8)
- ☐ 9 times (9)
- ☐ 10 times (10)
- ☐ 11 times (11)
- ☐ 12 times (12)
- ☐ 13 times (13)
- ☐ 14 times (14)
- ☐ 15 times (15)
- ☐ Don't know / refuse (998)

If fer6 (wom_pregn_times) is ">1 pregnancy", show fer6b

wom_birth_times - Number of births

fer6b. How many children have you given birth to?

- ☐ None (no)
- ☐ 1 child (1)
- ☐ 2 children (2)
- ☐ 3 children (3)
- ☐ 4 children (4)
- ☐ 5 children (5)
- ☐ 6 children (6)
- ☐ 7 children (7)
- ☐ 8 children (8)
- ☐ 9 children (9)
- ☐ 10 children (10)
- ☐ 11 children (11)
- ☐ 12 children (12)
- ☐ 13 children (13)
- ☐ 14 children (14)
- ☐ 15 children (15)
- ☐ Don't know / refuse (998)

For each delivered child in fer6b, show corresponding in fer7c

wom_child - Child sex, birth year, birth weight, nursing time

fer7c. What sex, year of birth, birth weight has your child, and for how long {was the child, were the child's} nursed?

	Sex (sex)	Birth year (birthyear)	Birth weight (birthweight)	Nursed time (nursed)
First child (first born) (1)	<input type="radio"/> Boy (1) <input type="radio"/> Girl (2) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Weight from 1.0 kg (2) to 8 kg (16) in 0.5 kg steps" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Not nursed (1) <input type="radio"/> Less than 1 month (2) <input type="radio"/> 1 - 6 months (3) <input type="radio"/> 7 - 12 months (4) <input type="radio"/> More than 12 months (5) <input type="radio"/> Don't know / refuse (998)
Second child (2)	<input type="radio"/> Boy (1) <input type="radio"/> Girl (2) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Weight from 1.0 kg (2) to 8 kg (16) in 0.5 kg steps" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Not nursed (1) <input type="radio"/> Less than 1 month (2) <input type="radio"/> 1 - 6 months (3) <input type="radio"/> 7 - 12 months (4) <input type="radio"/> More than 12 months (5) <input type="radio"/> Don't know / refuse (998)
Third child (3)	<input type="radio"/> Boy (1) <input type="radio"/> Girl (2) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Weight from 1.0 kg (2) to 8 kg (16) in 0.5 kg steps" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Not nursed (1) <input type="radio"/> Less than 1 month (2) <input type="radio"/> 1 - 6 months (3) <input type="radio"/> 7 - 12 months (4) <input type="radio"/> More than 12 months (5) <input type="radio"/> Don't know / refuse (998)

Continues in the same way for the other children delivered.

Hormone replacement therapy

wom_hormonetreat - Hormonal treatment

hrm1. Have you ever used estrogen or gestaden for another purpose than for contraceptive use?

☐ Yes, due to menopausal (men)

☐ No (no)

☐ Yes, for other reasons (please state)
(oth)_____ (oth_other)

☐ Don't know / refuse (998)

If hrm1 is "yes", show hrm1a

wom_hormonetreat_kind - Treatment

hrm1a. What kind of hormone treatment did you get? (Mark all that apply)

☐ Tablets (tab)

☐ Injections (inj)

☐ Local treatment (hormonal coil, vaginal, ointment) (loc) ☐ Don't know / refuse (998)

☐ Patch (pat)

If hrm1a is "tablets", show hrm1b and hrm1c

wom_hormonetreat1_whc – Tablet hormone treatment 1

hrm1b. Which hormone tablets have you ever used? (Mark all that apply) More pictures on next page

☐ Activelle
(act)

☐ Femanest
(fem)

☐ Gestapuran
(ges)

☐ Klimerco
(kli)

☐ Livial (liv)

☐ None of
these (996)

☐ Cyclabil
(cyc)

☐ Femanor (fea)

☐ Harmonet
(har)

☐ Kliogest
(klo)

☐ Oestriol
(oes)

☐ Don't
know /
refuse
(998)

☐ Etivex (eti) ☐ Femasekvens
(fes)

☐ Indivina
(ind)

☐ Linoral
(lin)

☐ Orgametril
(org)

wom_hormonetreat2_whc - Tablet hormone treatment 2

htm1c. Which hormone tablets have you ever used? (Mark all that apply)

☐ Ovesterin
(ove)

☐ Primolut Nor
(pri)

☐ Stilbol (sti)

☐ Vallestril (val)

☐ None of
these (996)

☐ Premarina /
promarit (pre)

☐ Progynon
(pro)

☐ Triovex
(tri)

☐ Other brands
(please state)

☐ Don't know /
refuse (998)

☐ Trisekvens

(oth)_____

☐ Premelle
(prm)

☐ Provera
(prv)

(trs)

☐ Don't remember the
name on one or more
tablets (rem)

For each selected medication/product in hrm1 and if "patch" is selected in hrm1a, show corresponding product in hrm1d

wom_hormonetreat - hormone replacement, start year; hormone replacement, finished year; Hormone replacement, total used time.

hrm1d. Please estimate what year you started and finished using the following medication / product, and for how long you used the hormone medication in total.

Example: if you started to use a certain medication in year 2000 and stopped using it in 2010 and did not take the medication for 2 years, then the total medication time is 8 years

	I started in year (start)	I finished in year (finish)	Total time used (dur)
"Medication" See list above (including other brands and don't remember). E.g. (act),(cyc), ... (rem), (pat)	<input type="radio"/> "Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> I still use it (1) <input type="radio"/> "Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Less than 1 year (1) <input type="radio"/> 1 year (2) <input type="radio"/> 2 years (3) <input type="radio"/> 3 years (4) <input type="radio"/> 4 years (5) <input type="radio"/> 5 years (6) <input type="radio"/> 6 years (7) <input type="radio"/> 7 years (8) <input type="radio"/> 8 years (9) <input type="radio"/> 9 years (10) <input type="radio"/> 10 years (11) <input type="radio"/> 11 years (12) <input type="radio"/> 12 years (13) <input type="radio"/> 13 years (14) <input type="radio"/> 14 years (15)

	I started in year (start)	I finished in year (finish)	Total time used (dur)
			<input type="radio"/> 15 years (16) <input type="radio"/> 16 years (17) <input type="radio"/> 17 years (18) <input type="radio"/> 18 years (19) <input type="radio"/> 19 years (20) <input type="radio"/> 20 years (21) <input type="radio"/> 21 years (22) <input type="radio"/> 22 years (23) <input type="radio"/> 23 years (24) <input type="radio"/> 24 years (25) <input type="radio"/> 25 years (26) <input type="radio"/> More than 25 years (27) <input type="radio"/> Don't know / refuse (998)

Medication

med_whc - In last year

med1. Have you used any of the following medication in the last year? (Mark all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Alvedon, Panodil, Reliv (paracetamol) (alv) | <input type="checkbox"/> Pravastatin (pravastatin) (pra) |
| <input type="checkbox"/> Ipren, Ibumetin (ibuprofen) (ibu) | <input type="checkbox"/> Fluvastatin, Lescol (fluvastatin) (flu) |
| <input type="checkbox"/> Voltaren, Diklofenak (diklofenak) (vol) | <input type="checkbox"/> Crestor (rovastatin) (rov) |
| <input type="checkbox"/> Treo, Magneeryl, Albyl-minor (acetylsalicyl acid) (tre) | <input type="checkbox"/> Lipitor, Zarator (atorvastatin) (ato) |
| <input type="checkbox"/> Metformin, Glucophage (metformin) (met) | <input type="checkbox"/> Livazo, Vezepira (pitavastatin) (pit) |
| <input type="checkbox"/> Glibenklamid, Daonil (glibenklamid) (gli) | <input type="radio"/> None of these (996) |
| <input type="checkbox"/> Mindiab (glipizid) (glp) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Simvastatin, Zocord, Simidon, Inegy (simvastatin) (sim) | |

For each medication in med1, show corresponding in med2

med_whc_frq - Medication frequency in last year

med2. How often have you used the following during the past year?

	Number of times
Alvedon, Panodil, Reliv (paracetamol) (alv)	<input type="radio"/> A few times (7) <input type="radio"/> About once a month (1) <input type="radio"/> Several times a month (2) <input type="radio"/> About once a week (3) <input type="radio"/> Several times a week (4) <input type="radio"/> About once a day (5) <input type="radio"/> Several times a day (6)

	Number of times
Same for all medications.	

Alcohol and tobacco

Smoking

smo_regular - Ever smoked for 1 year or 100 cigarettes

at1. Have you ever smoked regularly for more than 1 year or 100 cigarettes in total?

- ☐ Yes (1)
 ☐ Don't know / refuse (998)
- ☐ No (2)

If at1 is "yes", show at1a. Relevant age categories is shown based on age of study participant

smo_life - Smoked during periods in life

at1a. How much have you smoked on average per day during the following periods in your life?

	Cigarettes per day (amnt)
Before age 20 (1)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)

	Cigarettes per day (amnt)
20 - 29 years old (2)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)
30 - 39 years old (3)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)
40 - 49 years old (4)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)
50 - 59 years old (5)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3)

	Cigarettes per day (amnt)
	<input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)
60 - 69 years old (6)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)
70 - 79 years old (7)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6) <input type="radio"/> More than 20 (7) <input type="radio"/> Don't know / refuse (998)
Nowadays (this year) (8)	<input type="radio"/> None (1) <input type="radio"/> Less than 1 (2) <input type="radio"/> 1 - 5 (3) <input type="radio"/> 6 - 10 (4) <input type="radio"/> 11 - 15 (5) <input type="radio"/> 16 - 20 (6)

	Cigarettes per day (amnt)
	<input type="radio"/> More than 20 (7)
	<input type="radio"/> Don't know / refuse (998)

Snus use

snu_regular - Ever used snus for 1 year or 5 tins/cans

at2. Have you ever used snus regularly for more than 1 year or more than 5 tins/cans in total?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If at2 is "yes", show at2a

snu_present - Uses snus today

at2a. Do you use snus today?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

Alcohol

alc_drink_frq - Alcohol frequency

at30. Thinking about the last 12 months how often do you have a drink containing alcohol?

- | | |
|--|--|
| <input type="radio"/> Never (6) | <input type="radio"/> 2 to 3 times a week (2) |
| <input type="radio"/> Monthly or less (5) | <input type="radio"/> 4 times a week or more (1) |
| <input type="radio"/> 2 to 3 times a month (4) | <input type="radio"/> Don't know / refuse (998) |
| <input type="radio"/> 1 time a week (3) | |

If at30 is at least once a month, show at3

alc_drink_wh - Alcoholic beverages

at3. Please mark the alcoholic beverages you drink every {if at30 is 4 or 5 month, otherwise week}. (Mark all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Folköl (3,5%) (folk) | <input type="checkbox"/> Wine (wine) |
| <input type="checkbox"/> Mellanöl (4,5%) (mell) | <input type="checkbox"/> Spirits (spir) |
| <input type="checkbox"/> Strong beer (5 - 7%) (stro) | <input type="checkbox"/> Alco-pops (pops) |
| <input type="checkbox"/> Very strong beer (> 7%) (very) | <input type="radio"/> Drink alcoholic beverages less often than once 1 month or not at all (no) |
| <input type="checkbox"/> Cider (5 %) (cide) | <input type="radio"/> Don't know / refuse (998) |

For each alcoholic beverage selected in at3, show corresponding in at3a

alc_drink_beer - Beer intake

at3a. How many bottles or cans of the following alcoholic beverages do you drink in a normal {month, week}? (Please state number)

	33 cl (33cl)	50 cl (55cl)
"Folköl" (folk)	_____	_____
"Mellanöl" (mell)	_____	_____
Strong beer (stro)	_____	_____
Very strong beer (very)	_____	_____
Cider (cide)	_____	_____
Alco-pops (pops)	_____	_____

If “wine” is selected in at3, show at3b

alc_drink_wine_wh - One wine bottle

at3b. Do you drink more than one bottle of wine (75 cl) per {month, week}?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If at3b is “no”, show at3c

alc_drink_wine_glasses - Number of glasses wine

at3c. How many glasses of wine do you drink per {month, week}?

- ☐ Less than 1 glass (0) ☐ 4 glasses (4)
- ☐ 1 glass (1) ☐ 5 or more glasses (5)
- ☐ 2 glasses (2) ☐ Don't know / refuse (998)
- ☐ 3 glasses (3)

If at3b is “yes”, show at3d

alc_drink_wine_bottles - Number of wine bottles

at3d. How many bottles of wine do you drink per {month, week}?

- ☐ 2 bottles (1) ☐ 5 bottles or more (3)
- ☐ 3 or 4 bottles (2) ☐ Don't know / refuse (998)

alc_drink_wine_mix - Mixture of red/white wine

at3e. What mix of red (including rosé wine) and white wine (including sparkling wine) do you drink?

- ☐ 100% red wine (1)
 ☐ 25% red wine and 75% white wine (4)
- ☐ 75% red wine and 25% white wine (2)
 ☐ 100% white wine (5)
- ☐ 50% red wine and 50% white wine (3)
 ☐ Don't know / refuse (998)

If "spirits" is selected in at3, show at3f and at3g

alc_drink_spir - Amount of spirit in drink

at3f. On average, how much spirits do your drinks contain?

- ☐ 4 cl (About 1 small snaps of spirits) (1)
 ☐ 10 cl (4)
- ☐ 6 cl (About 1 big snaps of spirits) (2)
 ☐ 12 cl (5)
- ☐ 8 cl (3)
 ☐ Don't know / refuse (998)

alc_drink_spir_drink - Number of drinks

at3g. How many of these drinks do you have in a normal {month, week}?

- ☐ (Number) (nbr)_____
 ☐ Don't know / refuse (998)

Diseases and treatments

Benign breast disease

bre_benign_whc - Diagnosed

sb1. Were you ever diagnosed with the following benign breast diseases? (Mark all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Benign nodule of some kind (1) | <input type="checkbox"/> Breast inflammation (7) | <input type="checkbox"/> Atypical hyperplasia (4) |
| <input type="checkbox"/> Fatty lump (5) | <input type="checkbox"/> Mammary abscess (6) | <input type="radio"/> No, none of these (996) |
| <input type="checkbox"/> Cyst (2) | <input type="checkbox"/> Fibro adenoma (3) | <input type="radio"/> Don't know / refuse (998) |

For each marked disease in sb1, show corresponding disease in sb1a and sb1b

bre_benign_oper - Test with needle (punctuation)

sb1a. For {each benign disease mentioned in **bre_benign_whc**}, did you have any operation or test with needle (punctuation)?

- | | |
|--|---|
| <input type="radio"/> Yes, in the left breast (1) | <input type="radio"/> No (4) |
| <input type="radio"/> Yes, in the right breast (2) | <input type="radio"/> Don't know / refuse (998) |
| <input type="radio"/> Yes, in both breasts (3) | |

bre_benign_oper_type - Type of benign breast operation

sb1b. What type of operation did you have?

- | | |
|---|--|
| <input type="checkbox"/> Needle (punctuation) (bio) | <input type="checkbox"/> Other operation (please state) (oth)_____ |
| <input type="checkbox"/> Slice operation (removal of a piece of the breast) (sli) | <input type="radio"/> No surgery (no) |
| <input type="checkbox"/> Removal of whole breast (rem) | <input type="radio"/> Don't know / refuse (998) |

After the loop: if sb1b has "Needle (punctuation)" selected, show sb2 for stated breast(s)

bre_benign_biopsies – Biopsies left breast; biopsies right breast.

sb2. You mentioned having biopsies / needle punctuation. How many biopsies/ needle punctuations did you have in total?

	Left breast (left)	Right breast (right)
Number of biopsies (1)	<input type="radio"/> 1 (2) <input type="radio"/> 2 (3) <input type="radio"/> More than 2 (4) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> 1 (2) <input type="radio"/> 2 (3) <input type="radio"/> More than 2 (4) <input type="radio"/> Don't know / refuse (998)

Breast enlargement

bre_enlargement - Breast enlargement

sb5c. Did you have a breast enlargement?

- ☐ Yes (1) ☐ Don't know / refuse (998)
☐ No (2)

If sb5c is "yes", show sb5d

bre_enlargement_side - Side of breast enlargement

sb5d. Which breast(s) did you enlarge?

- ☐ Left breast (1) ☐ Both breasts (3)
☐ Right breast (2) ☐ Don't know / refuse (998)

bre_reduction - Breast reduction

sb5c. Did you have a breast reduction?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If sb5e is "yes", show sb5f

bre_reduction_side - Side of breast reduction

sb5d. Which breast(s) did you reduce in size?

- ☐ Left breast (1) ☐ Both breasts (3)
- ☐ Right breast (2) ☐ Don't know / refuse (998)

Cancer diagnosis

can_diag - Diagnosed with cancer

sb3. Have you ever been diagnosed with any kind of cancer, e.g. breast cancer?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If sb3 is "yes", show sb3a

can_diag_whc - Diagnosed

sb3a. With which kind(s) of cancer have you ever been diagnosed? (Mark all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Breast cancer (bre) | <input type="checkbox"/> Pancreatic cancer (thy) | <input type="checkbox"/> Lymphoma (Non-Hodgkin) (lym) |
| <input type="checkbox"/> Skin cancer (not malignant melanoma) (ski) | <input type="checkbox"/> Colon cancer (col) | <input type="checkbox"/> Other cancer (please state) (oth)_____ |
| <input type="checkbox"/> Malignant melanoma (mal) | <input type="checkbox"/> Cervical cancer (cer) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Lung cancer (lun) | <input type="checkbox"/> Rectum cancer (rectum or anal) (rec) | |
| <input type="checkbox"/> Brain tumor or cancer in nerve system (bra) | <input type="checkbox"/> Ovarian cancer (ova) | |

For each cancer in sb3a, show sb3b and sb3c

can_diag_year – Year of first time diagnose, {for each cancer above}.

sb3b. When were you diagnosed with {for each cancer above} the first time?

- ☐ "Year 2020 to 1880 in steps of 1 year"
- ☐ Don't know / refuse (998)

can_diag_treat - Cancer treatment, {for each cancer above}

sb3c. What medical treatments did you get for {for each cancer above}? (Mark all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Surgery (1) | <input type="checkbox"/> Other treatment (please state) (4) _____ (4_other) |
| <input type="checkbox"/> Radiotherapy (2) | <input type="radio"/> No treatment (5) |
| <input type="checkbox"/> Cytotoxin (3) | <input type="radio"/> Don't know / refuse (998) |

If sb3a is "breast cancer", show sb4a and sb4b

can_diag_bre_nbr - Number of breast cancer diagnoses

sb4a. How many times have you been diagnosed with any kind of breast cancer?

- ☐ 1 time (1)
- ☐ 2 times (2)
- ☐ 3 times (3)
- ☐ 4 times (4)
- ☐ 5 times (5)
- ☐ More than 5 times (6)
- ☐ Don't know / refuse (998)

can_diag_bre – In breast, in year

sb4b. For which breast and in what year were you diagnosed with breast cancer?

	Breast (whc)	Year of diagnose (year)
The first breast cancer (earliest) (1)	<input type="radio"/> Left breast (1) <input type="radio"/> Right breast (2) <input type="radio"/> Both breasts (3) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year from 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)
The second breast cancer (2)	<input type="radio"/> Left breast (1) <input type="radio"/> Right breast (2) <input type="radio"/> Both breasts (3) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year from 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)
The third breast cancer (3)	<input type="radio"/> Left breast (1) <input type="radio"/> Right breast (2) <input type="radio"/> Both breasts (3) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year from 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)
The fourth breast cancer (4)	<input type="radio"/> Left breast (1) <input type="radio"/> Right breast (2) <input type="radio"/> Both breasts (3) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year from 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)
The fifth breast cancer (5)	<input type="radio"/> Left breast (1) <input type="radio"/> Right breast (2) <input type="radio"/> Both breasts (3)	<input type="radio"/> "Year from 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)

	Breast (whc)	Year of diagnose (year)
	<input type="radio"/> Don't know / refuse (998)	
The sixth breast cancer (6)	<input type="radio"/> Left breast (1) <input type="radio"/> Right breast (2) <input type="radio"/> Both breasts (3) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> "Year from 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)

Cancer surgery

can_oper_bre - Surgery

sb4c. Did you ever have surgery for breast cancer?

- ☐ Yes, left breast (1) ☐ No (4)
☐ Yes, right breast (2) ☐ Don't know / refuse (998)
☐ Yes, both breasts (3)

If sb3a is "yes...", show sb4d

can_oper_bretype_left – Left breast surgery

sb4d. What type of operation did you have on left breast for the cancer?

- ☐ Slice operation (removal of a piece of the breast) (1) ☐ Other operation (please state) (3)_____ (3_other)
☐ Removal of whole breast (2) ☐ Don't know / refuse (998)

can_oper_bretype_right – Right breast surgery

sb4e. What type of operation did you have on right breast for the cancer?

☐ Slice operation (removal of a piece of the breast) (1)

☐ Removal of whole breast (2)

☐ Other operation (please state) (3)_____ (3_other)

☐ Don't know / refuse (998)

Cancer treatment

can_diag_treat_bre - Treatment

sb4f. What medical treatments {, besides breast operation} did you get for your breast cancer? (Mark all that apply)

☐ Surgery (1)

☐ Other treatment (please state) (4) _____ (4_other)

☐ Radiotherapy (2)

☐ No treatment (5)

☐ Cytotoxin (3)

☐ Don't know / refuse (998)

Other breast surgeries

bre_oper_other - Other surgery

sb5. {Did you ever perform any breast surgery? Did you ever perform any breast surgery or any needle punctuation other than {stated breast surgeries}}?

☐ Yes, on left breast (1)

☐ No (4)

☐ Yes, on right breast (2)

☐ Don't know / refuse (998)

☐ Yes, on both breasts (3)

If sb5 is "on left breast" or "on both breasts", show sb5a

bre_oper_other_type_left – other left breast surgery

sb5a. What type of operation did you have on the left breast? (Mark all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Needle (punctuation) (1) | <input type="checkbox"/> Other operation (please state)
(4)_____ (4_other) |
| <input type="checkbox"/> Slice operation (removal of a piece of
the breast) (2) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Removal of whole breast (3) | |

If sb5 is "on right breast" or "on both breasts", show sb5b

bre_oper_other_type_right - other right breast surgery

sb5b. What type of operation did you have on the right breast? (Mark all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Needle (punctuation) (1) | <input type="checkbox"/> Other operation (please state)
(4)_____ (4_other) |
| <input type="checkbox"/> Slice operation (removal of a piece of
the breast) (2) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Removal of whole breast (3) | |

Other diseases

dis_whc - Diagnosed

sb7. Have you ever been diagnosed with any of the following by a medical doctor? (Mark all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> High blood pressure (hibl) | <input type="checkbox"/> PCOS (pco) | <input type="checkbox"/> Bulimia (buli) |
| <input type="checkbox"/> High blood fat or cholesterol (hifc) | <input type="checkbox"/> Ovarian cysts (ovac) | <input type="checkbox"/> Anorexia (anor) |
| <input type="checkbox"/> Heart infarction (hear) | <input type="checkbox"/> Pre-eclampsia (pree) | <input type="radio"/> No, none of these (996) |
| <input type="checkbox"/> Angina (angp) | <input type="checkbox"/> Depression (depr) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Heart failure (heaf) | <input type="checkbox"/> Diabetes (diab) | |
| <input type="checkbox"/> Stroke (stro) | | |

For each marked disease in sb6 and sb7, show corresponding in sb7b

dis_whc_diagyear, dis_whc_medtreat - Diagnosed year; Medically treated.

sb7b. What year were you diagnosed with the following diseases, and have you been medically treated for the disease?

	Diagnosed year (dis_whc_diagyear)	Medically treated (dis_whc_medtreat)
High blood pressure (hibl)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
High blood fat or cholesterol (hifc)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Heart infarction (hear)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Angina (angp)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Heart failure (heaf)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Stroke (stro)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
PCOS (pco)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)

	Diagnosed year (dis_whc_diagyear)	Medically treated (dis_whc_medtreat)
Ovarian cysts (ovac)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Pre-eclampsia (pree)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Depression (depr)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Diabetes (diab)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Bulimia (buli)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)
Anorexia (anor)	"Year 2020 to 1880 in steps of 1 year" <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Yes (1) <input type="radio"/> No (2) <input type="radio"/> Don't know / refuse (998)

If sb7 is "bulimia" or "anorexia", show sb7c

dis_whc_anorbuli_noperiod - No period due to eating disorder

sb7c. When you had anorexia or bulimia, did your periods stop completely or partly because of the eating disorder?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If sb7c is "yes", show sb7d

dis_whc_anorbuli_noperiodyrs - Years with no period due to eating disorder
sb7d. For how long did you not have a period due to the eating disorder?

- ☐ It did not stop completely (no)
- ☐ Less than 1 year (1)
- ☐ 1 year (2)
- ☐ 2 years (3)
- ☐ 3 years (4)
- ☐ 4 years (5)
- ☐ 5 years (6)
- ☐ 6 years (7)
- ☐ 7 years (8)
- ☐ 8 years (9)
- ☐ 9 years (10)
- ☐ 10 years (11)
- ☐ More than 10 years (12)
- ☐ Don't know / refuse (998)

If sb7 is "diabetes", show sb7e

dis_whc_diab_type - Diabetes

sb7e. What kind of diabetes did you have? (Mark all that apply)

- ☐ Type 1 (1)
 ☐ Other type (4)
- ☐ Type 2 (2)
 ☐ Don't know / refuse (998)
- ☐ Gestational diabetes (3)

dis_oper_genital - Genital surgery

sb8. Did you ever have cervical or ovarian surgery?

- ☐ Yes (1)
 ☐ Don't know / refuse (998)
- ☐ No (2)

If sb8 is "yes", show sb8a

dis_oper_genital_whc - Surgery

sb8a. What kind of surgery did you have? (Mark all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Sterilization (ste) | <input type="checkbox"/> Abrasio (abr) |
| <input type="checkbox"/> Removal of one or both ovaries (ova) | <input type="checkbox"/> Other operation (please state)
(oth)_____ (oth_other) |
| <input type="checkbox"/> Hysterectomy (hys) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Removal of cervix (cer) | |

Heredity (family and relatives)

Family

soc_born - Born in Sweden

arv1. Are you born in Sweden?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv1 is "no", show arv1a and arv1b

soc_born_country - Country of birth

arv1a. In which country are you born?

- ☐ "Nation list according to ISO-3166-2"
- ☐ Don't know / refuse (998)

soc_immigration_year - Moved to Sweden year

arv1b. What year did you move to Sweden?

- ☐ "Year 2020 to 1880 in steps of 1 year"
- ☐ Don't know / refuse (998)

soc_born_mother - Mother born in Sweden

arv2. Is your biological mother born in Sweden?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv2 is "no", show arv2a

soc_born_mother_country - Mother birth country

arv2a. In which country is your biological mother born?

- ☐ "Nation list according to ISO-3166-2"
- ☐ Don't know / refuse (998)

soc_born_father - Father born in Sweden

arv3. Is your biological father born in Sweden?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv3 is "no", show arv3a

soc_born_father_country - Father birth country

arv3a. In which country is your biological father born?

- ☐ "Nation list according to ISO-3166-2"
- ☐ Don't know / refuse (998)

soc_ashkenazi_origin - Ashkenazi origin

arv1c. Is your background Ashkenazi Jewish, i.e. descended from the Jews in central and eastern Europe?

- ☐ Yes (1) ☐ Not certain (3)
- ☐ No (2) ☐ Don't know / refuse (998)

soc_adopted - Adopted

arv4. Are you adopted?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

soc_brother - Brother

arv5. Do you have a biological brother (same mother or father)? (Please also count possibly diseased brother)

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv5 is "yes", show arv5a

soc_brother – Full brothers; Half-brothers

arv5a. How many biological full brothers and half-brothers do you have?

A full brother has the same mother and father as you. A half-brother has one parent in common with you, either same mother or father.

	Full brothers (full)	Half-brothers (half)
(1)	<input type="radio"/> No full brother (no)	<input type="radio"/> No half-brother (no)
	<input type="radio"/> 1 full brother (1)	<input type="radio"/> 1 half-brother (1)
	<input type="radio"/> 2 full brothers (2)	<input type="radio"/> 2 half-brothers (2)
	<input type="radio"/> 3 full brothers (3)	<input type="radio"/> 3 half-brothers (3)
	<input type="radio"/> 4 full brothers (4)	<input type="radio"/> 4 half-brothers (4)
	<input type="radio"/> 5 full brothers (5)	<input type="radio"/> 5 half-brothers (5)
	<input type="radio"/> 6 full brothers (6)	<input type="radio"/> 6 half-brothers (6)
	<input type="radio"/> 7 full brothers (7)	<input type="radio"/> 7 half-brothers (7)
	<input type="radio"/> 8 full brothers (8)	<input type="radio"/> 8 half-brothers (8)

	Full brothers (full)	Half-brothers (half)
	<input type="radio"/> More than 8 full brothers (9)	<input type="radio"/> More than 8 half-brothers (9)
	<input type="radio"/> Don't know / refuse (998)	<input type="radio"/> Don't know / refuse (998)

If arv5a is 1 half-brother or more, show arv5b

soc_brother_half_parent - Parent in common

Which biological parent do you have in common?

	Father in common (1)	Mother in common (2)	Don't know / refuse (998)
First half-brother (the oldest) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Second half-brother (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Third half-brother (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fourth half-brother (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fifth half-brother (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sixth half-brother (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seventh half-brother (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eights half-brother (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

soc_sister - Sister

arv6. Do you have a biological sister (same mother or father)? (Please also count possibly diseased sister)

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv6 is "yes", show arv6a

soc_sister - Full sisters; Half-sisters.

arv6a. How many biological full sisters and half-sisters do you have?

A full sister has the same mother and father as you. A half-sister has one parent in common with you, either same mother or father.

	Full sisters (full)	Half-sisters (half)
(1)	<input type="radio"/> No full sister (no) <input type="radio"/> 1 full sister (1) <input type="radio"/> 2 full sisters (2) <input type="radio"/> 3 full sisters (3) <input type="radio"/> 4 full sisters (4) <input type="radio"/> 5 full sisters (5) <input type="radio"/> 6 full sisters (6) <input type="radio"/> 7 full sisters (7) <input type="radio"/> 8 full sisters (8) <input type="radio"/> More than 8 full sisters (9) <input type="radio"/> Don't know / refuse (998)	<input type="radio"/> No half-sister (no) <input type="radio"/> 1 half-sister (1) <input type="radio"/> 2 half-sisters (2) <input type="radio"/> 3 half-sisters (3) <input type="radio"/> 4 half-sisters (4) <input type="radio"/> 5 half-sisters (5) <input type="radio"/> 6 half-sisters (6) <input type="radio"/> 7 half-sisters (7) <input type="radio"/> 8 half-sisters (8) <input type="radio"/> More than 8 half-sisters (9) <input type="radio"/> Don't know / refuse (998)

If arv6a is 1 half-sister or more, show arv6b

soc_sister_half_parent - Parent in common

arv6b. Which biological parent do you have in common?

	Father in common (1)	Mother in common (2)	Don't know / refuse (998)
First half-sister (the oldest) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Second half-sister (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Father in common (1)	Mother in common (2)	Don't know / refuse (998)
Third half-sister (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fourth half-sister (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fifth half-sister (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sixth half-sister (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seventh half-sister (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eights half-sister (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Breast cancer in family

can_bre_family - Breast cancer in family

arv8. Has any of your biological parent, children or siblings had breast cancer?

- ☐ Yes (1)
 ☐ Don't know / refuse (998)
- ☐ No (2)

If arv8 is "yes", show arv8a

can_bre_family_whc - Breast cancer

arv8a. Which biological relatives got breast cancer? (Mark all that apply)

- ☐ Mother (1)
- ☐ First full sister (oldest) (2)
- ☐ Second full sister (3)
- ☐ Third full sister (4)
- ☐ Fourth full sister (5)
- ☐ Fifth full sister (6)
- ☐ Sixth full sister (7)

- ☐ Seventh full sister (8)
- ☐ Eights full sister (9)
- ☐ First half-sister (oldest) (10)
- ☐ Second half-sister (11)
- ☐ Third half-sister (12)
- ☐ Fourth half-sister (13)
- ☐ Fifth half-sister (14)
- ☐ Sixth half-sister (15)
- ☐ Seventh half-sister (16)
- ☐ Eights half-sister (17)
- ☐ Father (18)
- ☐ First full brother (oldest) (19)
- ☐ Second full brother (20)
- ☐ Third full brother (21)
- ☐ Fourth full brother (22)
- ☐ Fifth full brother (23)
- ☐ Sixth full brother (24)
- ☐ Seventh full brother (25)
- ☐ Eights full brother (26)
- ☐ First half-brother (oldest) (27)
- ☐ Second half-brother (28)
- ☐ Third half-brother (29)
- ☐ Fourth half-brother (30)
- ☐ Fifth half-brother (31)
- ☐ Sixth half-brother (32)
- ☐ Seventh half-brother (33)
- ☐ Eights half-brother (34)
- ☐ Daughter (35)

- ☐ Son (36)
- ☐ None of these (996)
- ☐ Don't know / refuse (998)

For each marked relative in arv8a, show corresponding in arv8b

can_bre_family_age - Breast cancer onset

arv8b. Please estimate at what age did they got breast cancer the first time.

Mother (1)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3)
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	<input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full sister (oldest)(2)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights full sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19)

	<input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-sister (oldest)(10)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13)

	<input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights half-sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7)

	<input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Father (18)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1)

	<input type="radio"/> Don't know / refuse (998)
First full brother (oldest) (19)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eighths full brothes"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17)

	<input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-brother (oldest) (27)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11)

	<input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights half-brother"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5)

	<input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Daughter (35)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Son (36)	<input type="radio"/> 100 years or older (21)

	<input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
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Ovarian cancer

can_ova_family - Ovarian cancer in family

arv8c. Has any of your biological parent, children or siblings had ovarian cancer?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv10 is "yes", show arv10a

can_ova_family_whc - Ovarian cancer

arv8d. Which relatives got ovarian cancer? (Mark all that apply)

- ☐ Mother (1)
- ☐ First full sister (oldest) (2)
- ☐ Second full sister (3)
- ☐ Third full sister (4)
- ☐ Fourth full sister (5)
- ☐ Fifth full sister (6)
- ☐ Sixth full sister (7)
- ☐ Seventh full sister (8)
- ☐ Eighth full sister (9)
- ☐ First half-sister (oldest) (10)
- ☐ Second half-sister (11)
- ☐ Third half-sister (12)
- ☐ Fourth half-sister (13)
- ☐ Fifth half-sister (14)
- ☐ Sixth half-sister (15)
- ☐ Seventh half-sister (16)
- ☐ Eighth half-sister (17)
- ☐ Daughter (35)
- ☐ None of these (996)
- ☐ Don't know / refuse (998)

For each relative with cancer, show corresponding in arv10b

can_ova_family_age - Ovarian cancer onset

arv8e. Please estimate at what age did they got ovarian cancer the first time.

Mother (1)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full sister (oldest)(2)	<input type="radio"/> 100 years or older (21)

	<input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights full sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15)

	<input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-sister (oldest)(10)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9)

	<input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights half-sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3)

	<input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Daughter (35)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)

Pancreatic cancer

can_pan_family - Pancreatic cancer in family

arv8f. Has any of your biological parent, children or siblings had pancreatic cancer?

- ☐ Yes (1) ☐ Don't know / refuse (998)
- ☐ No (2)

If arv8f is "yes", show arv8g

can_pan_family_whc - Pancreatic cancer

arv8g. Which relatives got pancreatic cancer? (Mark all that apply)

- ☐ Mother (1)
- ☐ First full sister (oldest) (2)
- ☐ Second full sister (3)
- ☐ Third full sister (4)
- ☐ Fourth full sister (5)
- ☐ Fifth full sister (6)
- ☐ Sixth full sister (7)
- ☐ Seventh full sister (8)
- ☐ Eighth full sister (9)
- ☐ First half-sister (oldest) (10)
- ☐ Second half-sister (11)
- ☐ Third half-sister (12)
- ☐ Fourth half-sister (13)
- ☐ Fifth half-sister (14)
- ☐ Sixth half-sister (15)
- ☐ Seventh half-sister (16)
- ☐ Eighth half-sister (17)

- ☐ Father (18)
- ☐ First full brother (oldest) (19)
- ☐ Second full brother (20)
- ☐ Third full brother (21)
- ☐ Fourth full brother (22)
- ☐ Fifth full brother (23)
- ☐ Sixth full brother (24)
- ☐ Seventh full brother (25)
- ☐ Eighth full brother (26)
- ☐ First half-brother (oldest) (27)
- ☐ Second half-brother (28)
- ☐ Third half-brother (29)
- ☐ Fourth half-brother (30)
- ☐ Fifth half-brother (31)
- ☐ Sixth half-brother (32)
- ☐ Seventh half-brother (33)
- ☐ Eighth half-brother (34)
- ☐ Daughter (35)
- ☐ Son (36)
- ☐ None of these (996)
- ☐ Don't know / refuse (998)

can_pan_family_age - Pancreatic cancer onset

arv8h. Please estimate at what age did they get pancreatic cancer the first time.

Mother (1)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20)
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	<input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full sister (oldest)(2)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14)

	<input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights full sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8)

	<input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-sister (oldest)(10)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2)

	<input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eights half-sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Father (18)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18)

	<input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full brother (oldest) (19)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12)

	<input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"Same for Second to Eighths full brothers"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6)

	<input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-brother (oldest) (27)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)

"Same for Second to Eights half-brother"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Daughter (35)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16)

	<input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Son (36)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10)

	<input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
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Prostate cancer

can_pro_family - Prostate cancer in family

arv8i. Has your biological father, children or brothers had prostate cancer?

- ☐ Yes (1)
☐ Don't know / refuse (998)
- ☐ No (2)

If arv8i is "yes", show arv8j

can_pro_family_whc - Prostate cancer

arv8j. Which relatives got prostate cancer?

- ☐ Father (18)
- ☐ First full brother (oldest) (19)
- ☐ Second full brother (20)
- ☐ Third full brother (21)
- ☐ Fourth full brother (22)

- ☐ Fifth full brother (23)
- ☐ Sixth full brother (24)
- ☐ Seventh full brother (25)
- ☐ Eights full brother (26)
- ☐ First half-brother (oldest) (27)
- ☐ Second half-brother (28)
- ☐ Third half-brother (29)
- ☐ Fourth half-brother (30)
- ☐ Fifth half-brother (31)
- ☐ Sixth half-brother (32)
- ☐ Seventh half-brother (33)
- ☐ Eights half-brother (34)
- ☐ Son (36)
- ☐ None of these (996)
- ☐ Don't know / refuse (998)

can_pro_family_age - Prostate cancer onset

arv8k. Please estimate at what age did they got prostate cancer the first time.

Father (18)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13)
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	<input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full brother (oldest) (19)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7)

	<input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"same for Second to Eights full brother" (20)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1)

	<input type="radio"/> Don't know / refuse (998)
First half-brother (oldest) (27)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"same for Second to Eights half-brother" (28)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17)

	<input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Son (36)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11)

	<input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
--	--

Other diseases

dis_family_whc – Diseases in family

arv11. Has any of your biological parents, children or sibling any of the following diseases? (Mark all that apply)

- Yes
- ☐ Diabetes (diab) ☐ Stroke (stro)
☐ Heart infarction (hear) ☐ No, none of these (996)
☐ Angina (angp) ☐ Don't know / refuse (998)

For each disease in arv11, show below questions:

dis_family_who - Disease

arv11a. Who had {disease stated in arv11}?

- ☐ Mother (1)
- ☐ First full sister (oldest) (2)
- ☐ Second full sister (3)
- ☐ Third full sister (4)
- ☐ Fourth full sister (5)
- ☐ Fifth full sister (6)
- ☐ Sixth full sister (7)
- ☐ Seventh full sister (8)
- ☐ Eighth full sister (9)
- ☐ First half-sister (oldest) (10)
- ☐ Second half-sister (11)
- ☐ Third half-sister (12)
- ☐ Fourth half-sister (13)
- ☐ Fifth half-sister (14)
- ☐ Sixth half-sister (15)
- ☐ Seventh half-sister (16)
- ☐ Eighth half-sister (17)
- ☐ Father (18)
- ☐ First full brother (oldest) (19)
- ☐ Second full brother (20)
- ☐ Third full brother (21)
- ☐ Fourth full brother (22)
- ☐ Fifth full brother (23)
- ☐ Sixth full brother (24)
- ☐ Seventh full brother (25)
- ☐ Eighth full brother (26)
- ☐ First half-brother (oldest) (27)
- ☐ Second half-brother (28)

- ☐ Third half-brother (29)
- ☐ Fourth half-brother (30)
- ☐ Fifth half-brother (31)
- ☐ Sixth half-brother (32)
- ☐ Seventh half-brother (33)
- ☐ Eights half-brother (34)
- ☐ Daughter (35)
- ☐ Son (36)
- ☐ Don't know / refuse (998)

For each relative marked in arv11a, show corresponding in arv11b

dis_family_whc1_age; dis_family_whc2_age (daughter, son) - Disease onset arv11b. Please estimate at what age did they got {disease stated in arv11}.

Mother (1)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9)
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	<input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full sister (oldest) (2)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3)

	<input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"same for Second to Eights full sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-sister (oldest) (10)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19)

	<input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"same for Second to Eights half-sister"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13)

	<input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Father (18)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7)

	<input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First full brother (oldest) (19)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1)

	<input type="radio"/> Don't know / refuse (998)
"same for Second to Eights full brother"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
First half-brother (oldest) (27)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17)

	<input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
"same for Second to eights half-brother"	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11)

	<input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Daughter (35)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5)

	<input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)
Son (36)	<input type="radio"/> 100 years or older (21) <input type="radio"/> 95 - 99 years old (20) <input type="radio"/> 90 - 94 years old (19) <input type="radio"/> 85 - 89 years old (18) <input type="radio"/> 80 - 84 years old (17) <input type="radio"/> 75 - 79 years old (16) <input type="radio"/> 70 - 74 years old (15) <input type="radio"/> 65 - 69 years old (14) <input type="radio"/> 60 - 64 years old (13) <input type="radio"/> 55 - 59 years old (12) <input type="radio"/> 50 - 54 years old (11) <input type="radio"/> 45 - 49 years old (10) <input type="radio"/> 40 - 44 years old (9) <input type="radio"/> 35 - 39 years old (8) <input type="radio"/> 30 - 34 years old (7) <input type="radio"/> 25 - 29 years old (6) <input type="radio"/> 20 - 24 years old (5) <input type="radio"/> 15 - 19 years old (4) <input type="radio"/> 10 - 14 years old (3) <input type="radio"/> 5 - 9 years old (2) <input type="radio"/> 0 - 4 years old (1) <input type="radio"/> Don't know / refuse (998)

Remote relative with breast cancer

can_bre_relatives - Breast cancer relatives

arv12. Has these relatives had breast cancer in their life?

	Yes (1)	No (2)	Not applicable (3)	Don't know / refuse (998)
Grandmother on mother's side (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aunt on mother's side (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cousine on mother's side (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other person on mother's side (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grandmother on father's side (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aunt on father's side (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cousine on father's side (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other person on father's side (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Child of sibling (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

can_ova_relatives - Ovarian cancer

arv13. Has these relatives had ovarian cancer in their life?

	Yes (1)	No (2)	Not applicable (3)	Don't know / refuse (998)
Grandmother on mother's side (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aunt on mother's side (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cousine on mother's side (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other person on mother's side (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grandmother on father's side (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aunt on father's side (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes (1)	No (2)	Not applicable (3)	Don't know / refuse (998)
Cousine on father's side (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other person on father's side (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Child of sibling (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Genetic tests

gen_brcatest_whc - In family

gen1. Have you, any sibling or a biological parent tested for BRCA, i.e. a test looking for hereditary breast cancer?

Yes

☐ My father had a BRCA test (fat)

☐ I had a BRCA test (me)

☐ No (no)

☐ Full sibling or half sibling had a BRCA test (sib) ☐ Don't know / refuse (998)

☐ My mother had a BRCA test (mot)

If "sibling or...", show

gen_brcatest_whc_sibwhc - BRCA tested

gen2. Which sibling(s) had a BRCA-test? (Mark all that apply)

☐ First full sister (oldest) (2)

☐ Second full sister (3)

☐ Third full sister (4)

☐ Fourth full sister (5)

☐ Fifth full sister (6)

☐ Sixth full sister (7)

- ☐ Seventh full sister (8)
- ☐ Eights full sister (9)
- ☐ First half-sister (oldest) (10)
- ☐ Second half-sister (11)
- ☐ Third half-sister (12)
- ☐ Fourth half-sister (13)
- ☐ Fifth half-sister (14)
- ☐ Sixth half-sister (15)
- ☐ Seventh half-sister (16)
- ☐ Eights half-sister (17)
- ☐ First full brother (oldest) (19)
- ☐ Second full brother (20)
- ☐ Third full brother (21)
- ☐ Fourth full brother (22)
- ☐ Fifth full brother (23)
- ☐ Sixth full brother (24)
- ☐ Seventh full brother (25)
- ☐ Eights full brother (26)
- ☐ First half-brother (oldest) (27)
- ☐ Second half-brother (28)
- ☐ Third half-brother (29)
- ☐ Fourth half-brother (30)
- ☐ Fifth half-brother (31)
- ☐ Sixth half-brother (32)
- ☐ Seventh half-brother (33)
- ☐ Eights half-brother (34)
- ☐ Don't know / refuse (998)

For each family member who had a BRCA-test according to gen1 and gen2, show below questions:

gen_brcatest_whc_type - {for each relative}

gen3. What type of gene test did {your relative} have?

☐ BRCA1 (1) ☐ Don't know / refuse (998)

☐ BRCA2 (2)

If "BRCA...", show

gen_brcatest_whc_result - BRCA result

gen4. Did the test show that {your relative} have a gene mutation?

☐ Yes (1) ☐ Don't know / refuse (998)

☐ No (2)

Quality of life

Stress

qua_stress_5yr - Stress in last years

lk1. Please state how stressed you have been feeling in the past 5 years.

Never stressed (1)	Seldom stressed (2)	Often stressed (3)	Always stressed (4)	Don't know / refuse (998)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Trauma

qua_lifestressor - In last years

Ik2. In the past 5 years, have you experienced any of the following? (Mark all that apply)

- | | |
|--|---|
| <input type="checkbox"/> A close relative who died (1) | <input type="checkbox"/> Got unemployed (5) |
| <input type="checkbox"/> Own divorce or separation (2) | <input type="checkbox"/> Other very stressing event (6) |
| <input type="checkbox"/> A close friend who died (3) | <input type="radio"/> No, none of these (996) |
| <input type="checkbox"/> Serious disease or injury (4) | <input type="radio"/> Don't know / refuse (998) |

General

qlq_1_5 - QLQ-C30, q1-5

Ik3. We are interested in some things about you and your health.

	Not at all (1)	A little (2)	Quite a bit (3)	Very much (4)	Don't know / refuse (998)
Do you have any trouble doing strenuous activities, like carrying a heavy shopping bag or a suitcase? (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you have any trouble taking a long walk? (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you have any trouble taking a short walk outside of the house? (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you need to stay in bed or a chair during the day? (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Do you need help with eating, dressing, washing yourself or using the toilet? (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past week

qlq_6_16 - QLQ-C30, q6-16

Ik4. During the past week:

	Not at all (1)	A little (2)	Quite a bit (3)	Very much (4)	Don't know / refuse (998)
Were you limited in doing either your work or other daily activities? (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Were you limited in pursuing your hobbies or other leisure time activities? (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Were you short of breath (sufficient to have a negative effect on your quality of life)? (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you had pain? (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did you need to rest? (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you had trouble sleeping? (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you felt weak? (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you lacked appetite? (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you felt nauseated? (14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you vomited? (15)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you been constipated? (16)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

qlq_17_28 - QLQ-C30, q17-28

Ik5. During the past week:

	Not at all (1)	A little (2)	Quite a bit (3)	Very much (4)	Don't know / refuse (998)
Have you had diarrhea? (17)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not at all (1)	A little (2)	Quite a bit (3)	Very much (4)	Don't know / refuse (998)
Were you tired? (18)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did pain interfere with your daily activities? (19)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you had difficulty in concentrating on things, like reading a newspaper or watching television? (20)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did you feel tense? (21)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did you worry? (22)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did you feel irritable? (23)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did you feel depressed? (24)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you had difficulty remembering things? (25)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Has your physical condition or medical treatment interfered with your family life? (26)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Has your physical condition or medical treatment interfered with your social activities? (27)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Has your physical condition or medical treatment caused you financial difficulties? (28)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

qlq_29_1 - QLQ-C30, q29

lk6. How would you rate your overall health during the past week?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

qlq_q30_1 - QLQ-C30, q30

lk7. How would you rate your overall quality of life during the past week?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

sle_sleephrs - Number of hours of sleep per day

sle1. How many hours per day do you usually sleep?

- ☐ 5 hours or less (1)
- ☐ 6 hours (2)
- ☐ 7 hours (3)
- ☐ 8 hours (4)
- ☐ 9 hours or more (5)
- ☐ 10 hours or more (6)
- ☐ Don't know / refuse (998)

Sense of coherence

kas1. The following questions are about how you experience usual situations which are important to you.

Please respond how you feel in the following situation and not how you feel about those right now. Do not think too hard on any question.

kas_1_1 - KASAM, q1

Do you have a sense that you do not care what is going on around you?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very seldom or never	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very often

kas_2_1 - KASAM, q2

Have you been surprised by the behavior of people you thought you knew?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Never happened	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Have happened very often

kas_3_1 - KASAM, q3

Has it happened that people you trusted have let you down?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Never happened	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Have happened very often

kas_4_1 - KASAM, q4

Do you think your life until now

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
have a complete lack of goals and meaning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	have had clear goals and great meaning

kas_5_1 - KASAM, q5

Do you feel that you are treated unfair?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very often	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very seldom or never

kas_6_1 - KASAM, q6

Do you have a feeling of being in an unfamiliar situation without knowing what to do?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very often	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very seldom or never

kas_7_1 - KASAM, q7

Are your daily activities

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
a source to great joy and satisfaction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	a torment and boredom

kas_8_1 - KASAM, q8

Do you have disorganized emotions, thoughts and ideas shifting from one to another?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very often	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very seldom or never

kas_9_1 - KASAM, q9

Do you have feelings that you would rather not acknowledge?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very often	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very seldom or never

kas_10_1 - KASAM, q10

People, even with character, feel like sad losers in special situations. How often did you feel like this?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Never	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very often

kas_11_1 - KASAM, q11

When something happened, how often did you

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
over or underestimate its importance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	see things in their right proportions

kas_12_1 - KASAM, q12

How often have do you feel that there is little or no meaning with your daily life?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very often	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very seldom or never

kas_13_1 - KASAM, q13

How often do you feel uncertain to manage to control yourself?

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	
Very often	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very seldom or never

Karisma Symptom

General Symptoms

msa – General Symptoms

SY1. Below is a list of 24 symptoms. Read each symptom carefully. Mark each symptom you have had in the last 30 days.

- | | | |
|---|--|--|
| <input type="checkbox"/> Difficulty concentrating (con) | <input type="checkbox"/> Numbness/tingling in the hands and feet (num) | <input type="checkbox"/> Difficulty swallowing (swa) |
| <input type="checkbox"/> Pain (pai) | <input type="checkbox"/> Difficulty sleeping (sle) | <input type="checkbox"/> Change in the way food tastes (foo) |
| <input type="checkbox"/> Lack of energy (ene) | <input type="checkbox"/> Problems with urination (uri) | <input type="checkbox"/> Constipation (cos) |
| <input type="checkbox"/> Cough (cou) | <input type="checkbox"/> Shortness of breath (bre) | <input type="checkbox"/> Swelling of arms or legs (swe) |
| <input type="checkbox"/> Feeling nervous (ner) | <input type="checkbox"/> Feeling sad (sad) | <input type="checkbox"/> "I don't look like myself" (loo) |
| <input type="checkbox"/> Dry mouth (mou) | <input type="checkbox"/> Worrying (wor) | <input type="radio"/> None of these (996) |
| <input type="checkbox"/> Nausea (nau) | <input type="checkbox"/> Itching (itc) | <input type="radio"/> Don't know / refuse (998) |
| <input type="checkbox"/> Feeling drowsy (dro) | <input type="checkbox"/> Lack of appetite (app) | |

For each marked symptom in SY1, show corresponding symptom in SY1a, SY1b and SY1c

msa_frq – General symptoms, frequency.

SY1a. How often were you (did you have) {each symptom marked in SY1}?

- | | |
|--|---|
| <input type="radio"/> Rarely (1) | <input type="radio"/> Almost constantly (4) |
| <input type="radio"/> Occasionally (2) | <input type="radio"/> Don't know / refuse (998) |
| <input type="radio"/> Frequently (3) | |

msa_difficulty - General symptoms, difficulty

SY1b. How hard was the symptom usually?

- ☐ Slight (1)
 ☐ Very severe (4)
- ☐ Moderate (2)
 ☐ Don't know / refuse (998)
- ☐ Severe (3)

msa_affected - General symptoms, affected

SY1c. How much, did it bother or worry you?

- ☐ Not at all (1)
 ☐ Quite a bit (4)
- ☐ A little bit (2)
 ☐ Very much (5)
- ☐ Somewhat (3)
 ☐ Don't know / refuse (998)

Specific Symptoms

fac1 – Tamoxifen specific side effects

TA1. Enter your answer for each question that concerns the last 30 days.

	Not at all (1)	A little bit (2)	Somewhat (3)	Quite a bit (4)	Very much (5)	Don't know / refuse (998)
I have hot flashes (fla)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have cold sweats (swe)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have night sweats (nig)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have vaginal discharge (dis)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have vaginal itching/irritation (itc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have vaginal bleeding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not at all (1)	A little bit (2)	Somewhat (3)	Quite a bit (4)	Very much (5)	Don't know / refuse (998)
or spotting (ble)						
I have vaginal dryness (dry)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have pain or discomfort with intercourse (int)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have lost interest in sex (sex)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have gained weight (wei)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

fac2 - Tamoxifen specific side effects

TA2. Enter your answer for each question that concerns the last 30 days.

	Not at all (1)	A little bit (2)	Somewhat (3)	Quite a bit (4)	Very much (5)	Don't know / refuse (998)
I feel lightheaded (dizzy) (diz)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have been vomiting (vom)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have diarrhea (dia)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I get headaches (hea)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel bloated (blo)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have breast sensitivity/tenderness (bre)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have mood swings (moo)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am irritable (irr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have pain in my joints	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not at all (1)	A little bit (2)	Somewhat (3)	Quite a bit (4)	Very much (5)	Don't know / refuse (998)
(pai)						
I have fragile mucous membranes (mem)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

fac3 - Tamoxifen specific side effects

TA3. Enter your answer for each question that concerns the last 30 days.

	Not at all (1)	A little bit (2)	Somewhat (3)	Quite a bit (4)	Very much (5)	Don't know / refuse (998)
I have rapid heart rate or palpitations (pal)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have muscle cramps (e.g. in legs) (cra)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have abdominal obesity (obe)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have eyesight changes (eye)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have dry eyes (dey)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have hair loss (hai)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have skin rashes (ras)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel quick (qui)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If fac1_nig is greater than 2, show fac1_nig_time

fac1_nig_time – Night sweats, most bothered on the day

TA1a. When on the day are you most bothered by hot flashes?

- ☐ Daytime (1) ☐ Regardless of the time of day (3)
- ☐ Nighttime (2) ☐ Don't know / refuse (998)

If fac3_pai is greater than 2, show fac2_pai_time

fac2_pai_time – Rapid heart rate or palpitations, most bothered on the day
TA1b. When on the day are you most bothered by rapid heart rate or palpitations?

- ☐ Daytime (1) ☐ Regardless of the time of day (3)
- ☐ Nighttime (2) ☐ Don't know / refuse (998)

If fac2_pai is greater than 2, show fac2_pai_time

fac2_pai_time - Pain in joints, most bothered on the day
TA1c. When on the day are you most bothered by pin in joints and hands?

- ☐ Daytime (1) ☐ Regardless of the time of day (3)
- ☐ Nighttime (2) ☐ Don't know / refuse (998)

Other Symptoms

fac2_other – Other Symptoms

TA2a. Have you had any other symptoms in the last 30 days (i.e. except: {each symptom marked in fac1, fac2 and fac3})?

- ☐ No (0)
- ☐ Yes, 1 symptom (1)
- ☐ Yes, 2 symptoms (2)
- ☐ Yes, 3 symptoms (3)

- ☐ Yes, 4 symptoms (4)
- ☐ Yes, 5 or more symptoms (5)
- ☐ Don't know / refuse (998)

For each number of symptoms in TA2a, show below questions:

fac2_other_oth - Other symptom, describe

TA2b. Describe your {first, second ...} symptom.

fac2_other_affect - Other symptom, affect

TA2c. How much did the symptom bother you?

- | | |
|--------------------------------------|---|
| <input type="radio"/> Not at all (1) | <input type="radio"/> Quite a bit (4) |
| <input type="radio"/> A little (2) | <input type="radio"/> Very much (5) |
| <input type="radio"/> Somewhat (3) | <input type="radio"/> Don't know / refuse (998) |

Doctor visit

fac_doctorvisit – Doctor visit for symptom

TA4. Have you visited a doctor or other health professional in the last 30 days for any of your symptoms?

(i.e. for {symptoms marked in fac1, fac2 and fac3 and TA2b})

- | | |
|--|---|
| <input type="radio"/> Yes (please specify the healthcare facility) (1) | <input type="radio"/> Don't know / refuse (998) |
|--|---|

- ☐ No (2)

If TA4 is "Yes", show TA4a

fac4

TA4a. For which symptoms, did you visit doctors or other healthcare professionals in the last 30 days? (Mark all that apply)

- ☐ Hot flashes / hot flushes (fla)
- ☐ Cold sweats (swe)
- ☐ Night sweats (nig)
- ☐ Vaginal discharge (dis)
- ☐ Vaginal itching / irritation (itc)
- ☐ Vaginal bleeding or spotting (ble)
- ☐ Vaginal dryness (dry)
- ☐ Pain or discomfort with intercourse (int)
- ☐ Lost interest in sex (sex)
- ☐ Gained weight (wei)
- ☐ Lightheaded (dizzy) (diz)
- ☐ Vomiting (vom)
- ☐ Diarrhea (dia)
- ☐ Headaches (hea)
- ☐ Feel bloated (blo)
- ☐ Breast sensitivity/tenderness (bre)
- ☐ Mood swings (moo)
- ☐ Irritable (irr)
- ☐ Pain in my joints (pai)
- ☐ Fragile mucous membranes (mem)
- ☐ Rapid heart rate or palpitations (pal)
- ☐ Muscle cramps (cra)
- ☐ Eyesight changes (eye)

- ☐ Hair loss (hai)
- ☐ Skin rashes (ras)
- ☐ I have abdominal obesity (obe)
- ☐ I have dry eyes (dey)
- ☐ I feel quick (qui)
- ☐ Other symptom (please specify)(oth) _____
- ☐ None of these (996)
- ☐ Don't know / refuse (998)

Health Information

lit1 – Health literacy

HL1. Can you find and use information related to health and illness, if you need it?

Mark your answer for each question.

	Stämmer inte alls (1)	Stämmer dåligt (2)	Stämmer delvis (3)	Stämmer bra (4)	Stämmer precis (5)	Don't know / refuse (998)
I can retrieve information from several different sources of information such as newspapers, the internet, books, health care, family and friends, etc. (get)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can choose exactly the information I need from a variety of sources of information.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Stämmer inte alls (1)	Stämmer dåligt (2)	Stämmer delvis (3)	Stämmer bra (4)	Stämmer precis (5)	Don't know / refuse (998)
(cho)						
I can understand the information and share it with others. (und)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can judge if the information is credible. (jud)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
With the help of the information, I can plan and decide what I need to do to improve my health. (pla)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

lit2 – Health literacy

HL2. When you access health information, it happens that ... (Select the option that best matches your answer for each question)

	Never (1)	Seldom (2)	Sometimes (3)	Often (4)	Don't know / refuse (998)
You find it difficult to read what is written, because the letters are too small (even if you have reading glasses or lenses)? (rea)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You feel that there are words or numbers that you do not understand?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (1)	Seldom (2)	Sometimes (3)	Often (4)	Don't know / refuse (998)
(und)					
You feel that it takes a long time for you to read the written information? (tim)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You ask someone else to read or explain what is written for you? (ask)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>