

Appendix 2: Additional questions on the touchscreen questionnaire

Additional questions on depression & bipolar disorder

Qu. No	Question	Responses	Allowable values	Action branches
P6	Looking back over your life, have you ever had a time where you were feeling depressed or down for at least seven days in a row?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	If yes go to P6A. Otherwise go to P6C
P6A	How many days was the longest period where you were feeling depressed or down?	Enter number OR UN Do not know OR DA Prefer not to answer	Minimum value of 7 required	Go to P6B
P6B	How many periods have you had where you were feeling depressed or down for at least seven days in a row?	Enter number OR UN Do not know OR DA Prefer not to answer	Minimum value of 1 required	Go to E1
P6C	Have you ever had a time when you were uninterested in things or unable to enjoy the things you used to?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	If yes go to P6D. Otherwise go to P7
P6D	How many days was the longest period when you were uninterested in things or unable to enjoy the things you used to?	Enter number OR UN Do not know OR DA Prefer not to answer	Not null	Go to P6E
P6E	How many periods have you had when you were uninterested in things or unable to enjoy the things you used to?	Enter number OR UN Do not know OR DA Prefer not to answer	Not null	Go to P7
P7	Have you ever had a period of time lasting at least two days when you were feeling so good, "high", excited or "hyper" that other people thought you were not your normal self or you were so "hyper" that you got into trouble?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to P8
P8	What about a period of time lasting at least two days when you were so irritable that you found yourself shouting at people or starting fights or arguments?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	If yes to P7 and/or P8 go to P8A. If no go to E1
P8A	Please try to remember a period when you were in a "high" or 'irritable' state and select which of the following apply	Select: - I was more active than usual - I was more talkative than usual - I needed less sleep than usual - I was more creative or had more ideas than usual - All of the above - None of the above	Not null-	Go to P8B

P8B	What is the longest time period that these "high" or "irritable" periods have lasted?	Select from <ul style="list-style-type: none"> - At least two days, but less than a week - Less than a week - A week or more - UN Do not know - DA Prefer not to answer 	Not nul	Go to PBC
P8C	How much of a problem have these "high" or "irritable" periods caused you?	Select from <ul style="list-style-type: none"> - No Problems - Needed treatment or caused problems with work, relationships, finances, the law or other aspects of life. - UN Do not know - DA Prefer not to answer 	Not nul	Go to EI

Questions on self-reported happiness

P31	In general how happy are you?	Select from <ul style="list-style-type: none"> - Extremely happy - Very happy - Moderately happy - Moderately unhappy - Very unhappy - Extremely unhappy - UN Do not know - DA Prefer not to answer 	Not nul	Go to P31A
P31A	In general how satisfied are you with the WORK that you do?	Select from <ul style="list-style-type: none"> - 01 Extremely happy - 02 Very happy - 03 Moderately happy - 04 Moderately unhappy - 05 Very unhappy - 06 Extremely unhappy - 07 I am not employed - UN Do not know - DA Prefer not to answer 	Not nul	Go to P31B
P31B	In general how satisfied are you with your HEALTH?	Select from <ul style="list-style-type: none"> - 01 Extremely happy - 02 Very happy - 03 Moderately happy - 04 Moderately unhappy - 05 Very unhappy - 06 Extremely unhappy - UN Do not know - DA Prefer not to answer 	Not nul	Go to P31C
P31C	In general how satisfied are you with your FAMILY RELATIONSHIPS?	Select from <ul style="list-style-type: none"> - 01 Extremely happy - 02 Very happy - 03 Moderately happy - 04 Moderately unhappy - 05 Very unhappy - 06 Extremely unhappy - UN Do not know - DA Prefer not to answer 	Not nul	Go to P31D
P31D	In general how satisfied are you with your FRIENDSHIPS?	Select from <ul style="list-style-type: none"> - 01 Extremely happy - 02 Very happy - 03 Moderately happy - 04 Moderately unhappy - 05 Very unhappy - 06 Extremely unhappy - UN Do not know - DA Prefer not to answer 	Not nul	End of section

Question on domestic heating

D5A1	How is your home mainly heated? (You can select more than one answer)	Select from: - 01 Gas Central Heating - 02 Electric Storage Heaters - 03 Oil (Kerosene) central heating - 04 Portable gas or paraffin heaters - 05 Solid fuel central heating - 06 Open fire without central heating - NN None of the above - UN Do not know - DA Prefer not to answer	If 06 do not allow 01, 02,03,05. If 01, 02, 03, 04, 05 do not allow 06. NN, UN, DA can only occur by themselves.	End of section
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Question on use of private healthcare

Qu. No	Question	Responses	Allowable values	Action branches
1-148	Do you use private healthcare?	- 01 Yes, all of the time - 02 Yes, most of the time - 03 Yes, sometimes - 04 No, never - UN Do not know - DA Prefer not to answer	Not null	Go to H5

Questions on intermittent claudication

Qu. No	Question	Responses	Allowable values	Action branches
SY3	Do you get short of breath walking with people of your own age on level ground?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to SY4
SY4	Do you get a pain in either leg on walking?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	If yes go to SY4A. If no go to SY5
SY4A	Does this pain ever begin when you are standing still or sitting?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to SY4B
SY413	Do you get this pain in your calf (calves)?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to SY4C
SY4C	Do you get pain when you walk uphill or hurry?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to SY40
SY4D	Do you get pain when you walk at an ordinary pace on the level?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	If yes go to SY4E. Otherwise go to SY4F
SY4E	Does the pain ever disappear when you are still walking?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to SY4F

SY4F	What you do if you get pain when you are walking?	Select from - 01 Stop - 02 Slow down - 03 Continue at same pace - UN Do not know - DA Prefer not to answer	Not null	Go to SY4G
SY4G	What happened to the pain if you stand still?	Select from - 01 Pain usually continues for more than 10 minutes - 02 Pain usually disappears in less than 10 minutes - UN Do not know - DA Prefer not to answer	Not null	Go to SY4H
SY4H	Have you ever had surgery on the arteries of your legs (other than for varicose veins)?	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to Sy4I
SY4I	Have you ever had surgery to remove any of the following?	Select from - 01 Toes - 02 Leg below the knee - 03 Leg above the knee - UN Do not know - DA Prefer not to answer	Not null	Go to SYS

Question on sudden death

Y22	Have any of your mother, father, brothers or sisters died suddenly from a non-accidental cause? (Do not include half-, step- or adopted brothers and	Select from - YE Yes - NO No - UN Do not know - DA Prefer not to answer	Not null	
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Additional questions on hearing

H7A	Do you use a hearing aid most of the time?	Select one from - YE Yes - NO No - DA Prefer not to answer	Not null	Go to 1-176
H7B	Do you have a cochlear implant?	Select one from - YE Yes - NO No - DA Prefer not to answer	Not nul.	Go to H11
H11	Do you get or have you had noises (such as ringing or buzzing) in your head or in one or both ears that lasts for more than five minutes at a time?	Select one from - 11 Yes, now most or all of the time - 12 Yes, now a lot of the time - 13 Yes, now some of the time - 14 Yes, but not now, but have in the past - NO No, never - UN Do not know - DA Prefer not to answer	Not null	If yes go to I-111A. Otherwise go to H12
H11A	How much do these noises worry, annoy or upset you when they are at their worst?	Select one from - 11 Severely - 12 Moderately - 13 Slightly - 04 Not at all - UN Do not lax* - DA Prefer not to answer	Not null	Go to H12

H12	Have you ever worked in a noisy place where you had to shout to be heard?	Select one from - 11 Yes, for more than 5 years - 12 Yes, for around 1-5 years - 13 Yes, for less than a year - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to H13
H13	Have you ever listened to music for more than 3 hours per week at a volume which you would need to shout to be heard or, if wearing headphones, someone else would need to shout for you to hear them?	Select one from - 11 Yes, for more than 5 years - 12 Yes, for around 1-5 years - 13 Yes, for less than a year - NO No - UN Do not know - DA Prefer not to answer	Not null	Go to FI

Additional questions to assess cognitive function

12	Display In this next test we will show you a number to remember and then hide it. After a short wait, we will ask you to enter the number in reverse using the number pad on the screen. The numbers will grow longer as the test continues. When ready press Next to begin test! Begin check I am unable to try this	Select: Next I am unable to try this		
14	Display: 'In this next test you will have a maximum of two minutes to answer as many questions as possible. Don't spend too long on any one question and you can skip any question if you wish. Select next when you are ready to begin! Begin check I am unable to try this	Select Next I am unable to try this	14 Go to touchscreen questions below: Go to 15	
IQ1	Add the following numbers together. 1 2 3 4 5— is the answer? Show "Abandons button"	Select from: - 13 - 14 - 15 - 16 - 17 - Do not know - Prefer not to answer	Not null	Go to 102 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15

1Q2	Which number is the largest? Show "Abandon" button	Select from: <ul style="list-style-type: none"> - 642 - 308 - 987 - 714 - 253 - Do not know - Prefer not to answer 	Not null	Go to IQ3 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
103	Bud is to flower as child is to? Show "Abandon" button	Select from: <ul style="list-style-type: none"> - Crow - Develop - Improve - Adult - Old - Do not know - Prefer not to answer 	Not null	Go to IQ4 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
104	11 12 13 14 15 16 17 18 Divide the sixth number to the right of twelve by three. Is the answer? Show "Abandon" button	Select from: <ul style="list-style-type: none"> - 5 - 6 - 7 - 8 - Do not know - Prefer not to answer 	Not null	Go to 105 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
105	If Truda's mother's brother is Tim's sister's father, what relation is Truda to Tim? Show "Abandon" button	Select from: <ul style="list-style-type: none"> - Aunt - Sister - Niece - Cousin - No relation - Do not know - Prefer not to answer 	Not null	Go to IQ6 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
106	If sixty is more than half of seventy-five, multiply twenty-three by three. If not subtract 15 from eighty-five. Is the answer? Show "Abandon" button	Select from: <ul style="list-style-type: none"> - 68 - 69 - 70 - 71 - 72 - Do not know - Prefer not to answer 	Not null	Go to IQ7 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
107	Stop means the same as? Show "Abandon" button	Select from: <ul style="list-style-type: none"> - Pause - Close - Cease - Break - Rest - Do not know - Prefer not to answer 	Not null	Go to IQB unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15

108	If David is twenty-one and Owen is nineteen and Daniel is nine years younger than David, what is half their combined age? Show "Abandon" button	Select from: - 25 - 26 - 27 - 28 - 29 - Do not know - Prefer not to answer	Not null	Go to 109 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
109	Age is to years as height is to? Show "Abandon" button	Select from: - Long - Deep - Top - Metres - Tall - Do not know - Prefer not to answer	Not null	Go to 1Q10 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
1Q10	150...137...125...114...104... What comes next? Show "Abandon" button	Select from: - 96 - 95 - 94 - 93 - 92 - Do not know - Prefer not to answer	Not null	Go to 1011 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
1Q11	Relaxed means the opposite of? Show "Abandon" button	Select from: - Calm - Anxious - Cool - Worried - Tense - Do not know - Prefer not to answer	Not null	Go to 1012 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15
1Q12	100...99...95...86...70... What comes next? Show "Abandon" button	Select from: - 50 - 49 - 48 - 47 - 46 - 45 - Do not know - Prefer not to answer	Not null	Go to 1013 unless 2 minutes have elapsed in which case go to step 15 Abandon selected go to step 15