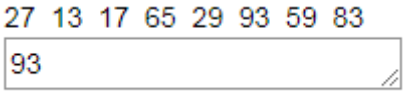
-- I. Incentivized elicitation of preferences --

Competitiveness [incentivized]

In the following, you are requested to complete a timed task. In this task, you will find several rows one below the other. Every row has eight two-digit numbers. Your task is to find the largest number of each row and write the number in the provided space.

You can find below an example of how the task looks like. Every row has eight two-digit numbers. Your task is to find the largest number of each row. In the example below, the largest number is 93. Please write this number now in the provided space.



PIECE RATE PAYMENT

Next, the actual, incentivized task begins. As in the previous example, you will find several rows one below the other. Every row has eight two-digit numbers. Your task is to find the largest number of each row and write the number in the provided space.

In this task, you have **one minute** to solve as many tasks as possible. You do not need to solve the tasks in the given order. Once your time is over, you will see a text "*Time limit reached. Please click OK to move to a next page.*" You should then click OK for the survey to continue.

If this task is selected for payment, you will earn **five (5) euro** for each correctly solved task. Wrong answers do not affect your payment. We refer to this payment as the piece rate payment.

PAYMENT CHOICE

Unlike before, you can now choose between two payment options. You can choose either option A (piece rate payment) or option B (tournament payment). If this task is selected for payment, your earnings will be determined in the following way:

A) **Piece rate payment:** If you choose the piece rate payment, you will earn **5 (five) euro** for each correctly solved task. Wrong answers do not affect your payment. You have **one minute** to solve as many tasks as possible.

B) **Tournament payment:** As in Option A, you will be given **one minute** to solve as many tasks as possible. However, your payment depends on your performance relative to a group of other participants. Each group consists of four people of the same age. The three other people in your group have been randomly selected among those participating in this study. If this task is selected for payment, then your earnings depend on the number of problems you solve compared to the three other people in your group. The individual who correctly solves the largest number of problems will **receive 20 euro** per correct problem, while the other participants receive no payment. Wrong answers do not affect your payment. If there is a tie within the group, the winner will be randomly determined. We refer to this payment as the tournament payment.

[Competition_choice] Do you want to apply the piece rate payment, or the tournament payment? *Piece rate payment **[0]**; Tournament payment **[1]***

In the following, we ask you to assess your performance relative to the group of other participants in the task completed above. Please answer the question independent of your payment choice.

[Rank_guess] Based on your assessment, what would be your rank in a randomly formed group of four people of your age? *First **[1]**; Second **[2]**; Third **[3]**; Fourth **[4]***

Risk taking – staircase [incentivized]

We will now ask you to choose between sure payments and draws with two equally likely outcomes (50 percent probability of winning). Please note that potential payment from the draws is always greater to or equal than the sure payments. If this task will be selected for payment and you have chosen a draw, we will organize the prize draw described in the question after closing the data collection period.

[r_80] [This is the first question in a sequence of five interdependent questions, **r_5–r_155**.] What would you prefer: a draw with a 50 percent chance of receiving 150 euro, and the same 50 percent chance of receiving nothing, or 80 euro as a sure payment? *50 percent chance to win €150* ***[1]****; a sure payment of €80* ***[2]****.*

Patience – staircase [incentivized]

We will now ask you to choose between different payment dates and amounts. If this task will be selected for payment, your payment will be paid based on your decision on the chosen date. Please remember that the drawing of payments will be organized after the closing of the data collection period, November 27, 2020.

[t_77] [This is the first question in a sequence of five interdependent questions, **t_52–t_108**.] Would you rather receive €50 immediately after the drawing of payments or €77 six months after the drawing of payments? €*50 immediately after the drawing* ***[1]****; €77 six months after the drawing* ***[2]****.*

Altruism (Social preferences) [incentivized]

In the two following tasks, you will have a chance to donate money up to €50. Your own payment will be determined as follows:

€50 - your donation (€).

Thus, your donation will be deducted from your own payment. For example, if decide to donate €20, your own payment from the task will be €30. If this task will be selected for payment, your own payment and the payment of the other party will depend on your choice.

[Social_1] How much would you like to donate to a randomly chosen person participating in this study? **[*0€; 5€; 10€; 15€; 20€; 25€, 30€; 35€; 40€; 45€; 50€]***

[Social_2] How much would you like to donate to a charity organization? **[*0€; 5€; 10€; 15€; 20€; 25€, 30€; 35€; 40€; 45€; 50€]***

You may select the organization from the list of organizations shown below or name an organization of your own choice.

[Charity] *Listed organizations: HelsinkiMissio **[1]**; The Finnish Association of People with Physical Disabilities **[2]**; Finnish Church Aid **[3]**; Finnish deaf association **[4]**; The Mannerheim League for Child Welfare **[5]**; Animalia **[6]**, Mental Health Finland **[7]**; Finnish Red Cross **[8]**; Cancer Organizations **[9]**; Organization of your own choice* **[10; Charity_other]**.

-- II. Survey of educational and professional attitudes --

You have now completed all tasks that may affect your monetary payment from the study. We will now ask questions about your personal background and attitudes. It is important for research validity that your answers to the following questions are truthful and honest. Please note that only persons who have completed all blocks of questions are eligible to receive monetary payments from the study.

The sequence of next questions depends on your age. **[pub1]** Are you *under 18-years **[1]**; over 18-years but below 24-years **[2]**; 24-years or above **[3]***?

Educational plans {only participants under 18-years of age}

We will now ask some questions related to your study plans. Please imagine that after primary school you end up choosing the advanced math track in high school (you can imagine this choice even if you are currently not actively considering choosing the advanced math track). Please indicate your answer on a scale from 0 to 10.

[Math_own_evaluation] How able would you be to learn the curriculum taught in the advanced math track in high school? ***[0]*** *(Not capable to learn at all) / … /* ***[10]*** *(Completely capable to learn)*

[Math_enjoyment] How much would you enjoy learning advanced math curriculum in high school? ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy)*

[Math_parental_a] How much would your parents appreciate your choice of advanced math curriculum in high school? ***[0]*** *(They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate)*

[High_school] Are you planning to apply to high school? *Yes **[1]**; No **[2]***

[Math_track] Are you planning to choose the advanced math track if you are planning to apply to high school? ***[0]*** *(I am sure that I will not choose advanced math track) / … /* ***[10]*** *(I am completely sure that I will choose the advanced math track)*

Educational plans {only participants between 18- and 24-year-old}

We will now ask some questions related to your study plans. Please imagine that you are applying for university (or university of applied sciences) studies. (You can imagine this situation even if you are a student already or do not currently consider university or university of applied sciences studies.) Please indicate your answer to the following questions on a scale from 0 to 10.

Please imagine in each question that you have ended up studying in one of the below mentioned degree programs and evaluate how capable you would be to learn the educational content of the study program?

[Mathematical_own_evaluation] How capable would you be to learn the educational content in **mathematically oriented degree programs** (such as engineering sciences, computer sciences and physical sciences) at the university (or university of applied sciences)? ***[0]*** *(Not capable to learn at all) / … /* ***[10]*** *(Completely capable to learn)*

[Business_law_own_evaluation] How capable would you be to learn the educational content in **economic, legal, or administrative sciences degree programs** at the university (or university of applied sciences)? ***[0]*** *(Not capable to learn at all) / … /* ***[10]*** *(Completely capable to learn).*

[Humanities_own_evaluation] How capable you would be to learn the educational content in **humanities** (such as linguistics, arts, or pedagogy) at the university (or university of applied sciences)? ***[0]*** *(Not capable to learn at all) / … /* ***[10]*** *(Completely capable to learn).*

Please imagine in each question that you have ended up studying in one of the below mentioned degree programs and evaluate now how much you would enjoy studying in the study program?

[Mathematical_enjoyment] How much would you enjoy studying in **mathematically oriented degree programs** (such as engineering sciences, computer sciences and physical sciences) at the university (or university of applied sciences)? ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy).*

[Business_law_enjoyment] How much would you enjoy studying in **economic, legal, or administrative sciences degree programs** at the university (or university of applied sciences)? ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy).*

[Humanities_enjoyment] How much would you enjoy studying in **humanities** (such as linguistics, arts, or pedagogy) at the university (or university of applied sciences)? ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy).*

Please imagine in each question that you have ended up studying in one of the below mentioned degree programs and evaluate now how much your parents would appreciate your choice of degree program.

[Mathematical_parental_a] How much would your parents appreciate your studies in **mathematically oriented degree programs** (such as engineering sciences, computer sciences and physical sciences) at the university (or university of applied sciences)? ***[0]*** *(They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate).*

[Business_law_parental_a] How much would your parents appreciate your studies in **economic, legal, or administrative sciences degree programs** at the university (or university of applied sciences)? ***[0]*** *(They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate).*

[Humanities_parental_a] How much would your parents appreciate your studies in **humanities** (such as linguistics, arts, or pedagogy) at the university (or university of applied sciences)? ***[0]*** *(They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate).*

[University] Are you currently studying or planning to study at the university (or university of applied sciences)? *Yes **[1]**; No **[2]**.*

[University_subject] If you are currently studying at the university (or university of applied sciences) or are planning to begin your studies in the immediate future, what is your (planned) major subject? If you have already completed your university (or university of applied sciences) studies, please indicate your major subject. *Mathematically oriented sciences (such as engineering sciences, computer sciences or physical sciences) **[1]**; Economics, legal, or administrative sciences **[2]**; Humanities (such as linguistics, arts, or pedagogy) **[3]**; Any other major subject, which **[4, University_subject_other]**.*

Career plans {only participants 25-years of age and above}

We will now ask some questions related to your career plans. Please imagine that your current work responsibilities would require university (or university of applied sciences) degree (you can imagine the situation even if your work responsibilities already require higher education or you would not plan to work in occupations that require higher education under any circumstances). Please indicate your answer on a scale from 0 to 10.

Please imagine in each question that you have ended up working in one of the below mentioned industries and evaluate how well you would perform in this branch of industry.

[Mathematical_work_own_evaluation] How well would you perform in occupations that require university (or university of applied sciences) degree in **mathematically oriented sciences** (such as engineering sciences, computer sciences or physical sciences)? ***[0]** (Not able to perform at all) / … / **[10]** (Fully able to perform).*

[Business_law_work_own_evaluation] How well would you perform in occupations that require university (or university of applied sciences) degree in **economics, legal, or administrative sciences?** ***[0]** (Not able to perform at all) / … / **[10]** (Fully able to perform).*

[Humanities_work_own_evaluation] How well would you perform in occupations that require university (or university of applied sciences) degree in **humanities** (such as linguistics, arts, or pedagogy) at the university? ***[0]*** *(Not able to perform at all) / … /* ***[10]*** *(Fully able to perform).*

Please imagine in each question that you have ended up working in one of the below mentioned industries and evaluate how much you would enjoy working in this branch of industry.

[Mathematical_work_enjoyment] How much would you enjoy working in occupations that require university (or university of applied sciences) degree in **mathematically oriented sciences** (such as engineering sciences, computer sciences or physical sciences)? ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy).*

[Business_law_work_enjoyment] How much you would enjoy working in occupations that require university (or university of applied sciences) degree in **economics, legal, or administrative sciences?** ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy).*

[Humanities_work_enjoyment] How much would you enjoy working in occupations that require university (or university of applied sciences) degree in **humanities** (such as linguistics, arts, or pedagogy) at the university? ***[0]*** *(Not enjoy at all) / … /* ***[10]*** *(Fully enjoy).*

Please imagine in each question that you have ended up working in one of the below mentioned industries and evaluate how much your parents would appreciate your career in this branch of industry.

[Mathematical_work_parental_a] How much would your parents appreciate your working career in work assignments that require university (or university of applied sciences) degree in **mathematically oriented** sciences (such as engineering, computer science and physics)? ***[0]*** (*They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate).*

[Business_law_work_parental_a] How much would your parents appreciate your working career in work assignments that require university (or university of applied sciences) degree in **economics, legal, or administrative** sciences? ***[0]*** (*They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate).*

[Humanities_work_parental_a] How much would your parents appreciate your working career in work assignments that require university (or university of applied sciences) degree in **humanities** (such as linguistics, arts, or pedagogy) oriented work assignments? ***[0]*** (*They would not appreciate at all) / … /* ***[10]*** *(They would fully appreciate).*

[Degree]: Have you completed a university (or university of applied sciences) degree or are you currently studying in an institution of higher education? *Yes* ***[1]****; No* ***[2]****.*

[Degree_subject] If you have already completed your studies at the university (or university of applied sciences) or are currently a student, what was/is your major subject? *Mathematically oriented sciences (such as engineering sciences, computer sciences or physical sciences)* ***[1]****; Economics, legal, or administrative sciences* ***[2]****; Humanities (such as linguistics, arts, or pedagogy)* ***[3]****; Any other major subject, which* ***[4, Degree_subject_other]****.*

[Work_plan] Which kind of job do you plan to have at the age of 30? *I plan to work in a job that requires a university (or university of applied sciences) degree in mathematically oriented sciences (such as engineering sciences, computer sciences or physical sciences)* ***[1]****; I plan to work in a job that requires a university (or university of applied sciences) degree in economics, legal, or administrative sciences* ***[2]****; I plan to work in a job that requires a university (or university of applied sciences) degree in humanities (such as linguistics, arts or pedagogy)* ***[3]****; Any other major subject* ***[4, Work_plan_other]****.*

-- III. Survey of political attitudes --

Political participation

During the last five years, have you done any of the following activities to express your political opinions? You can choose several response alternatives.

[pol1] Contacted a politician personally, in writing or through some other means? *Yes **[1]**, No **[0]**.*

[pol2] Contacted a public sector official? Yes **[1]**; No **[0]**.

[pol3] Participated in a protest action or demonstration? Yes **[1]**; No **[0]**.

[pol4] Participated in a boycott, for example a boycott of a certain good? Yes **[1]**; No **[0]**.

[pol5] Made a financial contribution to a political party? Yes **[1]**, No **[0]**.

[pol6] Signed a petition? Yes **[1]**; No **[0]**.

[pol7] None of the above. Yes **[1]**; No **[0]**.

[pol8] When did you decide whom to vote for in the last presidential election (2018)? *More than a year before the elections **[1]**; More than a month before the elections **[2]**; More than a week before the elections **[3]**; Just a few days before the elections **[4]**; Just before the elections **[5]**; I did not vote in the elections **[6]**.*

[pol9] When did you decide whom to vote for in the last parliamentary elections (2019)? *More than a year before the elections **[1]**; More than a month before the elections **[2]**; More than a week before the elections **[3]**; Just a few days before the elections **[4]**; Just before the elections **[5]**; I did not vote in the elections **[6]**.*

Political predispositions and attitudes

[pol10] To what extent do you believe that people who are entitled to vote have a civic duty to cast their ballots in elections? Please indicate your response on the scale below. ***[0]*** *(No duty) / … /* ***[10]*** *(Very strong duty).*

[pol11] Are people like you more or less able than others to make politicians take your demands into consideration? Please indicate your response on the scale below. ***[0]*** *(Much less) / … /* ***[10]*** *(Much more).*

[pol12]: Is your ability to understand what goes on in politics better or worse than that of other people? ***[0]*** *(Much worse) / … /* ***[10]*** *(Much better).*

[pol13]: Generally speaking, how interested are you in politics? *Very interested* ***[1]****; Not very interested* ***[2]****; Not at all interested* ***[3]****.*

[pol14]: Generally speaking, how much confidence do you have in Finnish politicians? *Very large confidence* ***[1]****; Fairly large confidence* ***[2]****; Fairly little confidence* ***[3]****; Very little confidence* ***[4]****.*

Left – right orientation

[pol15]: How strongly do you agree or disagree with the following statement: it is not the government's role to redistribute income from the better off to the worse off. ***[1]*** *(Completely disagree) / … /* ***[7]*** *(Completely agree)*

[pol16]: How strongly do you agree or disagree with the following statement: it is not? the government's responsibility to provide a job for everyone who wants one. ***[1]*** *(Completely disagree) / … /* ***[7]*** *(Completely agree)*

[pol17]: How strongly do you agree or disagree with the following statement: management will always try to get the better of employees if it gets a chance. ***[1]*** *(Completely disagree) / … /* ***[7]*** *(Completely agree)*

[pol18]: How strongly do you agree or disagree with the following statement: private enterprise is the best way to solve Finland's economic problems. ***[1]*** *(Completely disagree) / … /* ***[7]*** *(Completely agree)*

[pol19]: How strongly do you agree or disagree with the following statement: major public services and industries ought to be in state ownership. ***[1]*** *(Completely disagree) / … /* ***[7]*** *(Completely agree)*

Individualism – collectivism attitudes

[pol20]: Select a claim that better represents your opinion: *Individuals should take more responsibility* ***[1]****; The state should take more responsibility* ***[2]****.*

[pol21]: Select a claim that better represents your opinion: *People who are unemployed should have to take any job* ***[1]****; People who are unemployed should not have to take any job* ***[2]****.*

[pol22]: Select a claim that better represents your opinion: *Competition is healthy* ***[1]****; Competition is harmful* ***[2]****.*

[pol23]: Select a claim that better represents your opinion: *The state should give more freedom to firms* ***[1]****; The state should take more control of firms* ***[2]****.*

[pol24]: Select a claim that better represents your opinion: *We have gone too far in terms of welfare reforms* ***[1]****; We have not gone too far in terms of welfare reforms* ***[2]****.*

-- IV. Survey of personality traits --

In the following, you will be presented 30 descriptions. Please indicate to what extent these descriptions apply to you. Indicate your answer using a scale from 1 to 7. In some cases, you may want to give different answers to distinct parts of an item. In these cases, try to find an average answer giving more weight to the part(s) that you consider more important. ***[1]*** *(Completely wrong) / ... /* ***[7]*** *(Completely right).*

PERSONALITY (Big 5)

[XSF1_original] I am often nervous, fearful, and anxious, and worry that something might go wrong.

[XSF2_original] I like people; I am friendly and open talking to strangers.

[XSF3_original] I have a vivid imagination. I like to fantasize and let my thoughts run free.

[XSF4_original] I trust people and I believe that everyone is honest and has good intentions most of the time.

[XSF27_original] I am a serious rather than a cheerful person. I have rarely been overflowing with joy.

[XSF28_original] I have quite traditional values; I am considered to be somewhat close-minded when it comes to the values of other cultures and other groups of people.

[XSF30_original] I often rush into action without considering the consequences of my actions and decisions.

[XSF12_original] I enjoy meeting and associating with a lot of people. I take pleasure in the company of others - the more people, the better.

[XSF13_original] I have a deep appreciation for fine arts and beauty. I am much impressed by and interested in music, poetry, and art.

[XSF5_original] I am a methodical person and I love cleanliness and order. I want everything to be in its right place.

[XSF17_original] I am not looking for excitement or adventures. I do not like to take risks.

[XSF18_original] I am not interested in abstract or theoretical ideas. In my mind, ideas without practical applications are a waste of time.

[XSF20_original] I often postpone difficult or unpleasant activities and leave things unfinished. It is difficult for me to pull myself together and do the things that I have to.

[XSF15_original] I am a reliable person, who values ethical principles; I keep my promises and work carefully and thoroughly.

[XSF26_original] I feel comfortable around other people; Most of the time I am not bothered by teasing or by embarrassing situations.

[XSF29_original] I am a stubborn person who often gets into arguments; I openly express my anger or my dislike for someone.

[XSF22_original] I am active, and I like to keep myself busy; I often feel bursting with energy.

[XSF23_original] I like to try different activities, to visit different places, to try out unfamiliar and exotic things from time to time; I love novelty and variety.

[XSF25_original] I know for certain what I want to accomplish, and I work hard for it.

[XSF16_original] I rarely feel hopeless; I do not tend to blame myself needlessly. In general, I am content with myself and my life.

[XSF7_original] I prefer to remain unnoticed in the background. I often let other people talk and decide things on my behalf.

[XSF8_original] My feelings are not important to me; most of the time I do not pay any attention to them.

[XSF19_original] I do not want to deal with other people's problems; I am considered a selfish and egotistical person.

[XSF11_original] It is very difficult for me to resist temptation and to keep my desires and feelings in check; I do things that I regret later.

[XSF14_original] I do not want to be in the center of attention. I do not like to talk about myself or my accomplishments.

[XSF6_original] I am a well composed person, and it is difficult to upset or anger me.

[XSF9_original] I believe that honesty does not take one very far in life. When necessary, I try to take advantage of others.

[XSF21_original] I often feel helpless and indecisive, especially in complicated situations. I easily lose my nerve when I feel that I cannot cope.

[XSF24_original]: I believe that every person deserves respect. I feel compassion for those people who have been less lucky in life than I have.

[XSF10_original]: I often feel that I am not competent enough to do something; I am not very productive and effective in my work.

LOCUS OF CONTROL

In the following, you will be presented 10 descriptions concerning attitudes towards life and the future. leas indicate to what extent you personally agree with the following statements. ***[1]*** *(Completely disagree) / … /* ***[7]*** *(Completely agree).*

[loc1]: How my life goes depends on me.

[loc2]: Compared to other people, I have not achieved what I deserve.

[loc3]: What a person achieves in life is above all a question of fate or luck.

[loc4]: If a person is socially or politically active, he/she can have an effect on social conditions.

[loc5]: I frequently have the experience that other people have a controlling influence over my life.

[loc6]: One has to work hard in order to succeed.

[loc7]: If I run up against difficulties in life, I often doubt my own abilities.

[loc8]: The opportunities that I have in life are determined by the social conditions.

[loc9]: Innate abilities are more important than any efforts one can make.

[loc10]: I have little control over the things that happen in my life.

-- V. Survey of non-incentivized preference statements --

[risk_evaluation]: How willing or unwilling are you to take risks? ***[0]*** *(Totally unwilling to take risks) / … /* ***[10]*** *(Very willing to take risks).*

[competitiveness_evaluation]: How competitive do you consider yourself to be? ***[0]*** *(Not at all competitive) / … /* ***[10]*** *(Very competitive).*

[patience_evaluation]: How willing are you to give up something that is beneficial for you today to benefit more from that in the future? ***[0]*** *(Completely unwilling to do so) / … /* ***[10]*** *(Very willing to do so).*

[altruism_evaluation]: How willing are you to give to good causes without expecting anything in return? ***[0]*** *(Completely unwilling to do so) / … /* ***[10]*** *(Very willing to do so).*

[good_in_competition_evaluation]: Competition brings the best out of me - how well does this statement describe you? ***[0]*** *(Does not describe me at all) /… /* ***[10]*** *(Describes me perfectly).*

[trust_evaluation]: I assume that people have only the best intentions - how well does this statement describe you? ***[0]*** *(Does not describe me at all) /… /* ***[10]*** *(Describes me perfectly).*

-- E. Extra survey block: zygosity in twins --

[Twin_1]: Do you and your twin look *like two ordinary siblings **[1]**; like two peas in a pod **[2]**; not very much alike **[3]***?

[Twin_2]: In school, is/was it difficult for your teachers and friends to tell you apart? *Yes **[1]**; No **[2]**.*

[Twin_3]: Is/was it difficult for your family and friends to tell you apart? *Yes **[1]**; No **[2]**.*

[Twin_4]: In childhood, did you and your twin have both the same eye color and the same hair color? *Yes **[1]**; No **[2].***

[Twin_5]: Do you have same hobbies as your twin sibling? *Yes, more than one same hobby **[1]**; Yes, one common hobby and own hobbies at the same time **[2]**; Yes, one common hobby that is also my own hobby **[3]**; No, we do not have common hobbies **[4]**.*

[Twin_6]: Do/did you attend the primary school as your twin sibling? *Yes **[1]**; No **[2]**.*

[Twin_7]: Do/did you attend the same class as your twin sibling? *Yes **[1]**; No **[2]**.*

-- E. Extra survey block: puberty development --

The following questions relate to puberty. Some of the questions are very personal. We ask questions about your physical development because it is one of the most important if not the most important change a teenager will experience. However, you may also opt out to answer particularly sensitive questions and choose the option "I do not want to answer the question."

[pub3]: How much do you weigh now (in kilograms)? Please insert "0" if you do not want to answer this question.

[pub4]: How tall are you now (in centimeters)? Please insert "0" if you do not want to answer this question.

[pub2]: Would you say that your growth in height (getting taller) *has not yet begun to spurt ("spurt" means more growth than usual) **[1]**; has barely started to spurt **[2]**; has started to happen but is not finished **[3]**; seems completed (you are about as tall as you're going to get) **[4]**; I do not want to answer **[5]**.*

[pub5]: How about the growth of body hair (e.g., under your arms)? Would you say that your body hair has *not started growing **[1]**; barely started growing **[2]**; definitely started growing but is not finished **[3]**; seems completed (you have as much body hair as you're going to get) **[4]**; I do not want to answer the question **[5]**.*

[pub6]: Have you noticed any skin changes, especially pimples? *not yet started showing changes **[1]**; have barely started showing changes **[2]**; skin changes have definitely started but are not finished **[3]**; skin changes seem completed **[4]**; I do not want to answer the question **[5]**.*

[pub7]: Would you say your health in general is… *excellent **[1]**; very good **[2]**; good **[3]**; fair **[4]**; poor **[5]**; I do not want to answer **[6]**?*

[pub8]: How would you describe your pubertal development compared with others of the same age and sex? Is your stage of maturity… *much earlier **[1]**; earlier **[2]**; same time **[3]**; later **[4]**; much later **[5]**; I do not want to answer **[6]**.*

{Puberty – question only for males}

[pub10]: Has your voice started to change? *Not yet started changing **[1]**; Has barely started changing **[2]**; Voice change is happening but is not finished **[3]**; Voice change seems completed **[4]**; I do not want to answer **[5]**.*

[pub11]: Have you started to grow facial hair (beard or mustache)? *Not yet started growing facial hair **[1]**; Have barely started growing facial hair **[2]**; Hair growth has started (enough to shave) **[3]**; Probably grows now as fast as it ever will **[4]**; I do not want to answer **[5]**.*

{Puberty – questions only for females}

[pub12]: Have your breasts begun to grow? *Not yet started growing **[1]**; Have barely started growing **[2]**; Breast growth has started but is not finished **[3]**; Breast growth seems completed **[4]**; I do not want to answer **[5]**.*

[pub13]: Have you begun to menstruate? *Yes **[1]**; No **[2]**; I do not want to answer **[3]**.*

When did you get your first period? Please insert "0" if you do not remember the date or do not want to answer the question. *month **[pub15]**, year **[pub14]**.*