Variable Descriptions

This document describes all variables included in the publicly available dataset to go with the paper Individual and geographical variation in economic preferences by Sääksvuori and Nurminen

Data linking

Variable	Values	Question
Accept	1 = Yes, I agree that my answers can be merged with the register data 2 = No, I do not agree that my answers can be merged with the register data	I agree that the answers I have given in connection with this questionnaire, as well as information about me, may be combined with the register data of the National Institute for Health and Welfare and the register data of Statistics Finland.

Competitive task

Variable	Values	Description
Task1_Attempt	0-61	No. of answers in the first task
Task2_Attempt	0-61	No. of answers in the second task
Task1_Correct	0-54	No. of correct answers in the first task
Task2_Correct	0-58	No. of correct answers in the second task
Competition_choice	0 = Piece-rate scheme 1 = Tournament scheme	Participants were asked to choose either the non-competitive piece rate scheme, or a tournament scheme, where they would compete in a group of four persons. *
Rank_guess	1 = First 2 = Second 3 = Third 4 = Fourth	Participant's own evaluations about his/her rank in the second task in a group of randomly chosen four persons.

*In the non-competitive piece-rate scheme, the participant would earn 5 euros for each correctly solved problem. In the tournament scheme, she would earn 20 euros for each correctly solved problem, but only if she solved the largest number of problems correctly in the randomly chosen group of four persons (the participant + three others). If the participant did not perform the best, she would earn nothing. n case of a tie, the winner should be decided with a lottery.

Risk preferences

Variable	Values	Description
r_x	1 = a 50 percent chance of winning 150 euros 2 = a sure payment of x euros	Variables r_x (e.g., r_80) indicate risk questions in the questionnaire (see discussion below)

In the questionnaire, each risk question was:

"Which one of the following alternatives do you prefer?"

1 = a 50 percent chance of winning 150 euros

2 = a sure payment of x euros

"x" refers to the sum offered as a sure payment. The risky choice is always 50/50 chance of winning 150 euros. Sure payments range from 5 to 155 euros. Each participant has answered five questions. In the data, the risk preference questions are labeled r_x (for instance, r_80), where x refers to the sum offered as the sure payment. There are 31 of these variables.

Variable	Values	Description
last_risk_choice	1 = a 50 percent chance of winning 150 euros 2= a sure payment of x euros	Indicates the choice the participant made in the last (fifth) risk question.
last_risk_sum	5-155 (euros)	The sum that was offered as the sure payment in the last risk question the participant answered
CE	2.5-157.5 (euros)	Certainty equivalent*

*Certainty equivalent is calculated with the following way:

CE = last_risk_sum + 2.5 if last_risk_choice = 1

CE = last_risk_sum – 2.5 if last_risk_choice = 2

Time preferences

Variable	Values	Description
t_x	1 = 50 euros immediately (a month after) the lottery 2 = x euros six months (seven months) after the lottery	Variables t_x (e.g., t_77) indicate time preference questions in the questionnaire (see discussion below).

In the questionnaire, each time preference question was:

"Which one of the alternatives do you prefer?"

1 = 50 euros immediately (a month after) the lottery

2 = x euros six months (seven months) after the lottery

The questions considered a choice between an immediate (early) payment and a delayed payment. Half of the participants received a survey, where the alternatives where a payment of 50 euros immediately after the lottery and a payment of x euros six months after the lottery. The other half received a survey, where the alternatives were a payment of 50 euros a month after the lottery and a payment of x euros seven months after the

lottery. That is, in the other half, both the possible times of payment were delayed by one month. The immediate (early) payment was always 50 euros and the delayed payment ranged between 52 and 108 euros. Each participant has answered five questions. In the data, the time preference questions are labeled t_x (for instance, t_77), where x refers to the sum offered as the delayed payment. There are 31 of these variables.

Variable	Values	Description
last_time_choice	1 = 50 euros immediately (a month after) the lottery 2 = x euros six months (seven months) after the lottery	Indicates the choice the participant made in the last (fifth) time preference question.
last_time_sum	52-108 (euros)	The sum that was offered as the delayed payment in the last time preference question the participant answered
indifference_point	50.5-110 (euros)	Indifference point between an immediate and a delayed payment*

*Indifference point is calculated in the following way:

indifference_point = last_time_sum + 1.5 if last_time_choice = 1 & last_time_sum < 76

indifference_point = last_time_sum - 1.5 if last_time_choice = 2 & last_time_sum < 76

indifference_point = last_time_sum + 2 if last_time_choice = 1 & last_time_sum > 76

indifference_point = last_time_sum – 2 if last_time_choice = 1 & last_time_sum > 76

Social preferences

Variable	Values	Question/Description
Social_1	0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 (euros)	"How much of the 50 euros prize do you want to donate for a randomly chosen person who will be drawn among the participants of this research?"
Social_2	0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 (euros)	"How much of the 50 euros prize do you want to donate to charity? You can choose where to make the donation from the list of charity organizations that is presented to you below or you can name your preferable charity organization."
Charity	1 = HelsinkiMissio 2 = Invalidiliitto (The Finnish Association of People with Physical Disabilities) 3 = Kirkon Ulkomaanapu (Finn Church Aid) 4= Kuurojen liitto (Finnish Association of the Deaf) 5 = Mannerheimin Lastensuojeluliitto (The Mannerheim League for Child	"Select the charity organization to which you want to donate the amount you provided above."

	Welfare 6 = Animalia 7 = Suomen Mielenterveysseura (Mental Health Finland) 8 = Suomen Punainen Risti (Finnish Red Cross) 9 = Syöpäjärjestöt (Cancer Society of Finland) 10 = Some other charity organization	
Charity_other	text	If the participant chose alternative 10 in "Charity", the optional charity organization was written here.

Age

Variable	Values	Question
pub1	1 = under 18 years old 2 = 18-23 years old 3 = 24 years old or older	"The following questions are determined by age. Are you…"

The age question divided the participants to three groups. In the first group were the age cohort born in 2005 (under 18), in the second group the age cohort born in 2000 (18-23 years) and in the third group the age cohorts born in 1995 and 1990 (24 years or older). All these three cohorts were given different questions about education/work plans. Puberty questions were directed only to the age cohort born in 2005. Questions about political orientation were directed only to age cohorts born in 2000, 1995 and 1990. Participants saw only the questions that were intended to their age cohort; other questions were hidden from them (e.g., puberty questions were not visible for other age cohorts than 2005).

To ensure that each age cohort answers the right questions, it could have been possible to send separate questionnaires for each cohort instead of letting them self-select the questions based on declared age, but this would have required sending 16 different questionnaires instead of 4.However, the participants were very honest in stating their age; there were only around 20 misstatements.

Education

Most of the education questions were asked on a numerical scale with integers 0-10. Only the two extreme ends were worded, e.g., 0 = "Not at all capable", 10 = "Fully capable". See graphical appearance below.

How capable would you be of learning the things taught on the advanced math track in the high school?

0 1 2 3 4 5 6 7 8 9 10

Not at all capable ○○○○○○○○○○○ Fully capable

Questions for the age cohort born in 2005

Variable	Values	Question
Math_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of learning the things taught on the advanced math track in the high school?"
Math_enjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy studying on the advanced math track in the high school?"
Math_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you studying on the advanced math track in the high school?"
High_school	1 = Yes 2 = No	"Are you planning to apply to high school after the comprehensive school?"
Math_track	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I am completely sure that I will not choose the advanced math track 10 = I am completely sure that I will choose the advanced math track	"Are you planning to choose the advanced math track, if you apply to high school?"

Questions for the age cohort born in 2000

Variable	Values	Question
Mathematical_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of mastering major studies in mathematical sciences (e.g. engineering, information technology and physical sciences) at a university or at a university of applied sciences?
Business_law_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of mastering major studies in business, law or administrative sciences at a university or at a university of applied sciences?"
Humanities_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of mastering major studies in humanistic sciences (e.g. linguistics, art and educational sciences) at a university or at a university of applied sciences?"
Mathematical_enjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy studying mathematical sciences (e.g. engineering, information technology and physical sciences) at a university or at a university of applied sciences?"
Business_law_enjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy studying business, law or administrative sciences at a university or at a university of

		applied sciences?"
Humanities_enjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy studying humanistic sciences (e.g. linguistics, art and educational sciences) at a university or at a university of applied sciences?"
Mathematical_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you studying mathematical sciences (e.g. engineering, information technology and physical sciences) at a university or at a university of applied sciences?"
Business_law_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you studying business, law or administrative sciences at a university or at a university of applied sciences?"
Humanities_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you studying humanistic sciences (e.g. linguistics, art and educational sciences) at a university or at a university of applied sciences?"
University	1 = Yes 2 = No	"Are you currently studying in a university or at an applied university or are you planning studies at a university or in a university of applied sciences?"
University_subject	1 = Mathematical sciences (e.g. engineering, information technology and physical sciences) 2 = Business, law or administrative sciences 3 = Humanistic sciences (e.g. linguistics, art and educational sciences) 4 = Some other, which one	"If you are currently studying at a university or at an applied university or if you are planning to start studies, what is the field of study of your (planned) major? If you have already received a degree from a university or from a university of applied sciences, answer according to the completed degree."
University_subject_other	text	If the participant chose alternative 4 in "University_subject", the own option was written here.

Questions for the age cohorts born in 1995 or 1990

Variable	Values	Question
Mathematical_work_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of performing jobs that require university studies or university of applied

		sciences studies in mathematical sciences (e.g. engineering, information technology and physical sciences)?"
Business_law_work_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of performing jobs that require university studies or university of applied sciences studies in business, law or administrative sciences?"
Humanities_work_own_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all capable 10 = Fully capable	"How capable would you be of performing jobs that require university studies or university of applied sciences studies in humanistic sciences (e.g. linguistics, art and educational sciences)?"
Mathematical_work_enjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy working in jobs that require university studies or university of applied sciences studies in mathematical sciences (e.g. engineering, information technology and physical sciences)?"
Business_law_workenjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy working in jobs that require university studies or university of applied sciences studies in business, law or administrative sciences?"
Humanities_work_enjoyment	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = I would not enjoy at all 10 = I would fully enjoy	"How much would you enjoy working in jobs that require university studies or university of applied sciences studies in humanistic sciences (e.g. linguistics, art and educational sciences)?"
Mathematical_work_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you working in jobs that require university studies or university of applied sciences studies in mathematical sciences (e.g. engineering, information technology and physical sciences)?"
Business_law_work_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you working in jobs that require university studies or university of applied

		sciences studies in business, law or administrative sciences?"
Humanities_work_parental_a	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = They would not appreciate at all 10 = They would fully appreciate	"How much would your parents appreciate you working in jobs that require university studies or university of applied sciences studies in humanistic sciences (e.g. linguistics, art and educational sciences)?"
Degree	1 = Yes 2 = No	"Have you received a degree from a university or from a university of applied sciences or are you currently completing one?"
Degree_subject	1 = Mathematical sciences (e.g. engineering, information technology and physical sciences) 2 = Business, law or administrative sciences 3 = Humanistic sciences (e.g. linguistics, art and educational sciences) 4 = Some other, which one	"If you have received a degree from a university or from a university of applied sciences or if you are currently completing one, what was (is) the field of study of your major?"
Degree_subject_other	text	If the participant chose alternative 4 in "Degree_subject", the own option was written here.
Work_plan	1 = Jobs that require university or applied university studies or university of applied sciences studies in mathematical sciences (e.g. engineering, information technology and physical sciences) 2 = Jobs that require university studies or university of applied sciences studies in business, law or administrative sciences 3 = Jobs that require university studies or university of applied sciences studies in humanistic sciences (e.g. linguistics, art and educational sciences) 4 = Some other, which one	"In what kind of jobs do you plan to study when you are 30 years old?"
Work_plan_other	text	If the participant chose alternative 4 in "Work_plan", the own option was written here.

Political orientation

Pol1-pol7 are all multiple choice answers to question "During the last five years, have you done any of the following to express your political opinions? It is fine to tick several alternatives." Answer equals 1, if the participant ticked the option and 0 if she did not. pol10 - pol12 were asked on a numerical scale 0-10 where only the extreme ends were worded. pol15 - pol19 were asked on a numerical scale 1-7, where only the extreme ends were worded.

Variable	Values	Question
pol1	0 = No 1 = Yes	"Contacted a politician personally, in writing or through some other means?"
pol2	0 = No 1 = Yes	"Contacted a public sector official? "
pol3	0 = No 1 = Yes	"Participated in a protest action or demonstration?"
pol4	0 = No 1 = Yes	"Participated in a boycott, for example a boycott of a certain good?"
pol5	0 = No 1 = Yes	"Made financial contributions to a political party?"
pol6	0 = No 1 = Yes	"Signed a petition?"
pol7	0 = No 1 = Yes	"None of the above"
pol8	1 = Over a year before the election 2 = Over a month before the election 3 = Over a week before the election 4 = Only a few days before the election 5 = Just a moment before the election 6 = I did not vote in the election	"When did you choose, which candidate to vote for in the 2018 presidential election?"
pol9	1 = Over a year before the election 2 = Over a month before the election 3 = Over a week before the election 4 = Only a few days before the election 5 = Just a moment before the election 6 = I did not vote in the election	"When did you choose, which party to vote for in the 2019 parliamentary election?"
pol10	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = No duty 10 = Very strong duty	"To what extent do you believe that people who are entitled to vote have a civic duty to cast their ballots in elections?"
pol11	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	"Are people like you more or

	0 = Much less 10 = Much more	less able than others to make politicians take your demands into consideration?"
pol12	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Much worse 10 = Much better	"Is your ability to understand what goes on in politics better or worse than that of other people?"
pol13	1 = Very interested 2 = Not very interested 3 = Not at all interested	"Generally speaking, how interested are you in politics?"
pol14	1 = Very large confidence 2 = Fairly large confidence 3 = Fairly little confidence 4 = Very little confidence	"Generally speaking, how much confidence do you have in Finnish politicians?"
pol15	1, 2, 3, 4, 5, 6, 7 1 = I completely disagree 7 = I completely agree	"It is not the government's role to redistribute income from the better off to the worse off."
pol16	1, 2, 3, 4, 5, 6, 7 1 = I completely disagree 7 = I completely agree	"It is not the government's responsibility to provide a job for everyone who wants one."
pol17	1, 2, 3, 4, 5, 6, 7 1 = I completely disagree 7 = I completely agree	"Management will always try to take advantage of their employees if it gets a chance."
pol18	1, 2, 3, 4, 5, 6, 7 1 = I completely disagree 7 = I completely agree	"Privately owned companies provide the best way to solve Finland economics problems."
pol19	1, 2, 3, 4, 5, 6, 7 1 = I completely disagree 7 = I completely agree	"Major public services and industries ought to be in state ownership."
pol20	1 = Individuals should take more responsibility 2 = The State should take more responsibility	"Choose the statement that reflects your opinions better."
pol21	1 = The unemployed should have to take any job offered to them. 2 = The unemployed should not have to take any job offered to them.	"Choose the statement that reflects your opinions better."
pol22	1 = Competition is desirable 2 = Competition is harmful	"Choose the statement that reflects your opinions better."
pol23	1 = The State should give more freedom to firms 2 = The State should restrain private businesses more	"Choose the statement that reflects your opinions better."
pol24	1 = We have gone too far in terms of welfare reforms 2 = We have not gone too far in terms of welfare reforms	"Choose the statement that reflects your opinions better."

Personality

There were thirty questions that were presented on a numerical scale 1-7 in the manner depicted beneath:

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

1 2 3 4 5 6 7

The description is completely wrong ◯ ◯ ◯ ◯ ◯ ◯ ◯ The description is completely right

Only the extreme ends were worded, but the numbers are equivalent to the following answers:

Scale in the survey	Rescaled	Statement
1	-3	"The description is completely wrong."
2	-2	"The description is mostly wrong."
3	-1	"The description is more wrong than right."
4	0	"The description is neither right nor wrong."
5	1	"The description is more right than wrong."
6	2	"The description is mostly right."
7	3	"The description is completely right."

That is, the survey answers are rescaled such that: 1 = -3, 2 = -2, 3 = -1, 4 = 0, 5 = 1, 6 = 2, 7 = 3.

In the dataset, the rescaled variables are named "XSFx", where x = 1-30 denotes the number of the question in Finnish XSF survey. The original answers on the scale 1-7 are preserved in the dataset and those variables are named "XSFx_original", where x = 1-30.

The survey questions were in the same order as in file "XSF_FIN".

All the variables XSF1-XSF30 take values -3, -2, -1, 0, 1, 2, 3

-3 = The description is completely wrong

3 = The description is completely right

Variable	Question
XSF1	I am often nervous, fearful, and anxious, and worry that something might go wrong.
XSF2	I like people; I am friendly and open talking to strangers.
XSF3	I have a vivid imagination. I like to fantasize and let my thoughts run free
XSF4	I trust people and I believe that everyone is honest and has good intentions most of the time.
XSF5	I am a methodical person and I love cleanliness and order. I want everything to be in its right place.
XSF6	I am a well composed person and it is difficult to upset or anger me.
XSF7	I prefer to remain unnoticed in the background. I often let other people talk and decide things on my behalf.
XSF8	My feelings are not important to me; most of the time I do not pay any attention to them.
XSF9	I believe that honesty does not take one very far in life. When necessary, I try to take advantage of others.
XSF10	I often feel that I am not competent enough to do something; I am not very productive and effective in my work.
XSF11	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.
XSF12	I enjoy meeting and associating with a lot of people. I take pleasure in the company of others - the more people, the better.
XSF13	I have a deep appreciation for fine arts and beauty. I am much impressed by and interested in music, poetry, and art.
XSF14	I do not want to be in the center of attention. I do not like to talk about myself or my accomplishments.
XSF15	I am a reliable person, who values ethical principles; I keep my promises and work carefully and thoroughly.
XSF16	I rarely feel hopeless; I do not tend to blame myself needlessly. In general, I am content with myself and my life.
XSF17	I am not looking for excitement or adventures. I do not like to take risks.
XSF18	I am not interested in abstract or theoretical ideas. In my mind, ideas without practical applications are a waste of time.
XSF19	I do not want to deal with other people's problems; I am considered a selfish and egotistical person.
XSF20	It is difficult for me to pull myself together and do the things that I have to. I often postpone difficult or unpleasant activities and leave things unfinished.
XSF21	I often feel helpless and indecisive, especially in complicated situations. I easily lose my nerve when I feel that I cannot cope.
XSF22	I am active and I like to keep myself busy; I often feel bursting with energy.
XSF23	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.
XSF24	I feel compassion for those people who have been less lucky in life than I have. I believe that every person deserves respect and I think that the social politics should consider the underprivileged better than currently.
XSF25	I know for certain what I want to accomplish and I work hard for it.
XSF26	I feel comfortable around other people; Most of the time I am

	not bothered by teasing or by embarrassing situations.
XSF27	I am a serious rather than a cheerful person. I have rarely been overflowing with joy.
XSF28	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.
XSF29	I am a stubborn person who often gets into arguments; I openly express my anger or my dislike for someone.
XSF30	I often rush into action without considering the consequences of my actions and decisions.

The personality scores are calculated using the following syntax:

Those are below:

Variable	Syntax
N1	= XSF1
N2	= 0 - XSF6
N3	= 0 - XSF16
N4	= 0 - XSF26
N5	= XSF11
N6	= XSF21
E1	= XSF2
E2	= XSF12
E3	= 0 - XSF7
E4	= XSF22
E5	= 0 - XSF17
E6	= 0 - XSF27
O1	= XSF3
O2	= XSF13
O3	= 0 - XSF8
O4	= XSF23
O5	= 0 - XSF18
O6	= 0 - XSF28
A1	= XSF4
A2	= 0 - XSF9
A3	= 0 - XSF19
A4	= 0 - XSF29
A5	= XSF14
A6	= XSF24
C1	= 0 - XSF10
C2	= XSF5
C3	= XSF15
C4	= XSF25
C5	= 0 - XSF20
C6	= 0 - XSF30

These items are then combined to get the personality scores:

Variable	Syntax
N	= N1+N2+N3+N4+N5+N6
E	= E1+E2+E3+E4+E5+E6
O	= O1+O2+O3+O4+O5+O6
A	= A1+A2+A3+A4+A5+A6
C	= C1+C2+C3+C4+C5+C6

Locus of control

All the answers are on a scale 1-7. Only the extreme end were worded so that 1 = "I totally disagree" and 7 = "I totally agree". See the scale below.

How my life goes depends on me.

1 2 3 4 5 6 7

I totally disagree ○○○○○○○ I totally agree

Seven of the answers are then used for calculating the scores that measure the feel of control. Higher values indicate greater feeling of control. Some of the items are rescaled by subtracting the answer to the question from 8.

The locus of control scores are labeled as "locxscore", e.g., loc1score. Higher values indicate greater feeling of control. Some of the items are rescaled by subtracting the answer to the question from 8.

Variable	Question	Locus of control score
loc1	How my life goes depends on me.	loc1score = loc1
loc2	Compared to other people, I have not achieved what I deserve.	loc2score = 8 - loc2
loc3	What a person achieves in life is above all a question of fate or luck.	loc3score = 8 - loc3
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.	loc5score = 8 - loc5
loc6	One has to work hard in order to succeed.	loc6score = loc6
loc7	If I run up against difficulties in life, I often doubt my own abilities.	loc7score = 8 - loc7
loc8	The opportunities that I have in life are determined by the social conditions.	loc8score = 8 - loc8
loc9	Innate abilities are more important than any efforts one can make.	loc9score = 8 - loc9
loc10	I have little control over the things that happen in my life.	loc10score = 8 - loc10

Seven of the locscore items can be combined to an overall measure of control as in:

Specht, J., Egloff, B., Schmukle, S. C. (2012). Everything under control? The effects of age, gender, and education on trajectories of perceived control in a nationally representative German sample. *SOEPpapers on Multidisciplinary Panel Data Research*. No. 445, Deutsches Institut für Wirtschaftsforschung (DIW), Berlin

Variable	Syntax
locTotal	= loc1score+loc2score+loc3score+loc5score+loc7score+loc8score+loc10score

Other questions

These questions were asked at the end of the survey. All the questions were answered on a numerical integer scale 0-10. Only the two extreme ends were worded.

Variable	Values	Question
risk_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Totally unwilling to take risks 10 = Very willing to take risks	How willing or unwilling are you to take risks?
competitiveness_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Not at all competitive 10 = Very competitive	How competitive do you consider yourself to be?
patience_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Completely unwilling to do so 10 = Very willing to do so	How willing are you to give up something that is beneficial for you today in order to benefit more from that in the future?
altruism_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Completely unwilling to do so 10 = Very willing to do so	How willing are you to give to good causes without expecting anything in return?
good_in_competition_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Does not describe me at all 10 = Describes me perfectly	Competition brings the best out of me - how well does this statement describe you?
trust_evaluation	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 0 = Does not describe me at all 10 = Describes me perfectly	I assume that people have only the best intentions - how well does this statement describe you?

Contact method for the lottery

Variable	Values	Description
contact_method	1 = By email 2 = By letter 3 = By phone 4 = I do not want to participate in the lottery	Participants were asked to choose the means to contact them if they would win in the lottery related to the survey.

Survey type

Four different surveys were made. Rest of the differentiation (age or gender) was made based on the answers the participnats gave. Twins received the questions about twin zygosity, singletons did not. “earlier” and “later” refer to the time preference questions, where “earlier” are those who chose between an immediate payment and a payment delayed by six months and “later” are those who chose between a payment delayed by one moth and a payment delayed by seven months.

Variable	Arvot
Survey_type	1 = Twin, earlier 2 = Twin, later 3 = Singleton, earlier 4 = Singleton, later

Questions for twins

Variable	Values	Question
Twin_1	1 = like two ordinary siblings 2 = like two peas in a pod 3 = not very much alike	"Do you and your twin look like…"
Twin_2	1 = Yes 2 = No	"In school, is/was it difficult for your teachers and friends to tell you apart?"
Twin_3	1 = Yes 2 = No	"Is/was it difficult for your family and friends to tell you apart?"
Twin_4	1 = Yes 2 = No	"In childhood, did you and your twin have both the same eye color and the same hair color?"
Twin_5	1 = Yes, we have more than one common hobby 2 = Yes, we have one common hobby and I have also my own hobbies 3 = Yes, we have one common hobby and that is the only hobby I have 4 = We do not have common hobbies.	"Do you and your twin have same hobbies?"
Twin_6	1 = Yes 2 = No	"Are/were you and your twin in the same primary and secondary school?"
Twin_7	1 = Yes 2 = No	"Are/were you and your twin in the same class?"

Puberty Questions

Variables pub2-pub9 were answered by both genders. pub10-pub11 were for boys, pub12-pub15 were for girls. The participants self-selected themselves boys' or girls' questions based on pub9, so there may be misstatements.

Variable	Values	Question/Description
pub2	1 = has not yet begun to spurt ("spurt" means more growth than usual) 2 = has barely started to spurt 3 = has definitely started to spurt, but is not finished 4 = seems completed; you are about as tall as you're going to get 5 = I do not want to answer	"Would you say that your growth in height…"
pub3	kg	"How much do you weight now (kg)? Write "0" if you do not want to answer."
pub4	cm	"How tall are you now (cm)? Write "0" if you do not want to

		answer."
pub5	1 = has not started growing 2 = has barely started growing 3 = has definitely started growing, but is not finished 4 = seems completed; you have as much body hair as you are going to get 5 = I do not want to answer	"How about the growth of your body hair (e.g., under your arms)? Would you say that your body hair:"
pub6	1 = not yet started showing changes 2 = have barely started showing changes 3 = skin changes have definitely started but are not finished 4 = skin changes seem completed 5 = I do not want to answer	"Have you noticed any skin changes, especially pimples?"
pub7	1 = Excellent 2 = Very good¨ 3 = Good 4 = Fair 5 = Poor 6 = I do not want to answer	"Would you say your health in general is…"
pub8	1 = Much earlier 2 = Earlier 3 = Same time 4 = Later 5 = Much later 6 = I do not want to answer	"How would you describe your pubertal development compared with others of the same sex and same age? Is your pubertal development…"
pub9	1 = Girl 2 = Boy 3 = I do not want to answer	"Are you…"
pub10	1 = not yet started changing 2 = has barely started changing 3 = voice change is definitely happening but is not finished 4 = voice change seems completed 5 = I do not want to answer	"Has your voice started to change?"
pub11	1 = not yet started growing facial hair 2 = have barely started growing facial hair 3 = hair growth has definitely started (enough to shave) 4 = probably grows now as fast as it will ever grow 5 = I do not want to answer	"Have you started to grow facial hair (beard or mustache)?"
pub12	1 = not yet started growing 2 = have barely started growing 3 = breast growth has definitely started but is not finished 4 = breast growth seems completed 5 = I do not want to answer	"Have your breasts begun to grow?"
pub13	1 = Yes 2 = No 3 = I do not want to answer	"Have you begun to menstruate?"
pub14	year of first period	How old were you when you first got your period? If you do not remember or you do not want to answer, write "0".
pub15	month of first period	

Additional variables from external sources

Variable	Description
Response_time	Time when the answers were submitted. For the surveys that were not completed, the submission time was after the survey was closed.
Answer_duration	Time spent answering the survey. Note that for the surveys that were not completed, this time is implausibly long, since those answers were added later.
Twin_id	Identification number for a twin pair (same for both twins). Was given in the DVV data.
Birth year	Birth year as available in the population register
Gender	Respondents gender as available in the population register. Note that the variable 'gender' may differ from the variable 'sex' used throughout the paper to identify the sex of the respondent as recorded in the medical birth register by the obstetrician.
Weight	This variable contains survey weights estimated using the procedure explained in Online Appendix C (Data Re-weighting)