

Coding for variables in the analysis dataset

Environment and Wellbeing Web Questionnaire, Part B

ABOUT YOUR SCHOOL

Text shown in a red font (variable names, response value codes) provide information about item coding in the 16 year analysis dataset.

In the dataset, all items from this questionnaire are double entered: the dataset contains one row of data per twin, with both twin and co-twin data in each row. All variables with names ending in '1' refer to the twin identified in a given row of data (regardless of whether this is the elder or younger twins). Those variables with names ending in '2' refer to the co-twin. Hence in this document all variable names are shown ending in '1/2' because each variable is present for both twin and co-twin.

Value codes shown in a blue font show the coding used in the raw data, on the web server and in the raw analysis files, where this coding differs from the coding used in the final analysis dataset. Where the coding does not differ, the value codes are shown in red only.

Text shown in this pink/purple font (screen numbers, validation rules) are for information only: these pieces of text were not shown on screen for twins. The other sections of text, in a black font, are exactly as shown on screen.

As this questionnaire was delivered as a web activity, not as a paper booklet, the formatting shown in this document differs from the formatting of the questionnaire on screen. However, the text of the questions and responses is unchanged.

SCREEN 1

INTRODUCTION (text with voice-over)

This activity is a questionnaire about you and your school.

Simply click on the best answer for each question.

There are no “right” or “wrong” answers – just answer according to how you think and feel.

SCREEN 2

Thinking about your time at school in the last year, please rate how much you agree with the following statements:

		Strongly disagree	←————→		Strongly agree
Overall, adults at my school treat students fairly.	pcqbscen011/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Adults at my school listen to the students.	pcqbscen021/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
My teachers are there for me when I need them.	pcqbscen031/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Overall, my teachers are open and honest with me.	pcqbscen041/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
I enjoy talking to the teachers at my school.	pcqbscen051/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Most teachers in my school are interested in me as a person, not just as a student.	pcqbscen061/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
When I do my schoolwork, I check to see whether I understand what I'm doing.	pcqbscen071/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Learning is fun because I get better at something.	pcqbscen081/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
When I do well in school, it's because I work hard.	pcqbscen091/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
I feel like I have a say about what happens to me at school.	pcqbscen101/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Students at my school are there for me when I need them.	pcqbscen111/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Other students at my school like me the way I am.	pcqbscen121/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Students at my school respect what I have to say.	pcqbscen131/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
I plan to continue my education following school.	pcqbscen141/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
School is important for achieving my future goals.	pcqbscen151/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
I am hopeful about my future.	pcqbscen161/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
When I have problems at school, my family/carer(s) are willing to help me.	pcqbscen171/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
When something good happens at school, my family/carer(s) want to know about it.	pcqbscen181/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
My family/carer(s) want me to keep trying when things are tough at school.	pcqbscen191/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

This next item is placed right at the bottom of the page away from the other items:

Please ONLY tick here if you are educated at home, and these questions do not apply to you. Not in dataset. Coded 1=ticked 0=not ticked in raw data.

VALIDATION RULES for SCREEN 2:

- Require 6 items (1/3) to be answered before moving on.
- OR require that the final item (home educated) is ticked.
- If less than 6 items are answered AND home educated item is not ticked, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 3

Thinking about your time at school in the last year, please indicate how often each of these applies to you.

		Never	Sometimes	Most of the time	Always
I complete my homework on time	pcqbmhwk11/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
I do my homework while watching television	pcqbmhwk21/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
My teachers grade my homework	pcqbmhwk31/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
My teachers make useful comments on my homework	pcqbmhwk41/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
I am given interesting homework	pcqbmhwk51/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3

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VALIDATION RULES for SCREEN 3:

- Require 2 items (1/2) to be answered before moving on.
- OR require that the final item (home educated) is ticked.
- If less than 2 items are answered AND home educated item is not ticked, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 4

Thinking about your time at school in the last year, how often did you use:

		Never or hardly ever	A few times a year	About once a month	Several times a month	Several times a week
A school library	pcqbscrs11/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4
Computers	pcqbscrs21/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4
The Internet	pcqbscrs31/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4
Science laboratories	pcqbscrs41/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4

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VALIDATION RULES for SCREEN 4:

- Require 4 items to be answered before moving on.
- OR require that the final item (home educated) is ticked.
- If less than 4 items are answered AND home educated item is not ticked, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 5

In general, how important do you think it is for you to do well in the subjects below?

		Not important at all				Very important
Science subjects	pcqbatsu11/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	
Mathematics subjects	pcqbatsu21/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	
English subjects	pcqbatsu31/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	

VALIDATION RULES for SCREEN 5:

- Require 2 items (1/2) to be answered before moving on.
- If less than 2 items are answered, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 6

Thinking about what you have learned in school; to what extent do you agree with the following statements:

		Strongly disagree	←————→			Strongly agree
School has done little to prepare me for adult life when I leave school	pcqbstsc11/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
School has been a waste of time	pcqbstsc21/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
School has helped give me confidence to make decisions	pcqbstsc31/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
School has taught me things which could be useful in a job	pcqbstsc41/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	

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 Not in dataset. Coded 1=ticked 0=not ticked in raw data.

VALIDATION RULES for SCREEN 6:

- Require 2 items (1/2) to be answered before moving on.
- OR require that the final item (home educated) is ticked.
- If less than 2 items are answered AND home educated item is not ticked, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 7

Below is a list of things that some students do to other students.
 How often during this school year has another student done these things to you?

		Not at all	Once	More than once
Tried to get me into trouble with my friends.	pcqbpevi11/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2
Took something of mine without permission.	pcqbpevi21/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2
Hurt me physically in some way.	pcqbpevi31/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2
Refused to talk to me.	pcqbpevi41/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2
Made fun of me for some reason.	pcqbpevi51/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2
Swore at me.	pcqbpevi61/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2

This next item is placed right at the bottom of the page away from the other items:

I would prefer not to answer these questions
 Not in dataset. Coded 1=ticked 0=not ticked in raw data.

VALIDATION RULES for SCREEN 7:

- Require 3 items (1/2) to be answered before moving on.
- OR require that the final item (prefer not to answer) is ticked.
- If less than 3 items are answered AND 'prefer not to answer' item is not ticked, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on, or select 'prefer not to answer'."

SCREEN 8

How confident do you feel about having to do the following mathematics tasks?


		Not at all confident	←————→		Very confident
Using a train timetable to work out how long it would take to get from one place to another	pcqbmase11/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Calculating how much cheaper a TV would be after a 30% discount	pcqbmase21/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Calculating how many square metres of tiles you need to cover a floor	pcqbmase31/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Understanding graphs presented in newspapers	pcqbmase41/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Solving an equation like $3x + 5 = 17$	pcqbmase51/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Finding the actual distance between two places on a map with a 1:10,000 scale	pcqbmase61/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Solving an equation like $2(x + 3) = (x + 3)(x - 3)$	pcqbmase71/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Calculating the petrol consumption rate of a car	pcqbmase81/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3

VALIDATION RULES for SCREEN 8:

- Require 4 items (1/2) to be answered before moving on.
- If less than 4 items are answered, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 9

Think back to how you felt about maths in the past year.
To what extent do you agree with the following statements?

		Strongly disagree				Strongly agree
I look forward to my mathematics lessons	pcqbmain11/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
I do mathematics because I enjoy it	pcqbmain21/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
I am interested in the things I learn in mathematics	pcqbmain31/2	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	

VALIDATION RULES for SCREEN 9:

- Require 2 items (1/2) to be answered before moving on.
- If less than 2 items are answered, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."

SCREEN 10

Thinking about the past year. How much time did you typically spend **per week** studying mathematics?
An hour here refers to 60 minutes, not a class period.

		No time	Less than 2 hours	2-4 hours	4-6 hours	6 or more hours
Regular lessons in mathematics at my school	pcqbm tm 11/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4
Out-of school-time lessons in mathematics	pcqbm tm 21/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4
Study or homework in mathematics by myself	pcqbm tm 31/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3	<input type="checkbox"/> 5 4

VALIDATION RULES for SCREEN 10:

- Require 0 items to be answered before moving on (i.e. no validation rule)

SCREEN 11

Think about your **Maths lessons in the past year** and rate whether you think these statements are true for your classroom

		Never	Some lessons	Most lessons	Every lesson
We get to work with each other in small groups	pcqbc1en011/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
We help each other with our work	pcqbc1en021/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Some pupils try to be the first ones to answer questions the teacher asks	pcqbc1en031/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Some pupils try to be the first ones finished	pcqbc1en041/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
When work is handed back, we show each other how we did	pcqbc1en051/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
When we get reports, we tell each other what we got	pcqbc1en061/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher tries to make work interesting in this class	pcqbc1en071/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher likes the work he/she gives us	pcqbc1en081/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher tells us why our work is important	pcqbc1en091/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher has to wait a long time for students to quieten down	pcqbc1en101/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher shows an interest in every student's learning	pcqbc1en111/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher gives students an opportunity to express opinions	pcqbc1en121/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher continues teaching until the students understand	pcqbc1en131/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher does a lot to help students	pcqbc1en141/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
The teacher checks students' homework	pcqbc1en151/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Students cannot work well	pcqbc1en161/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
Students don't listen to what the teacher says	pcqbc1en171/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
There is noise and disorder	pcqbc1en181/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3
At the start of class, more than five minutes are spent doing nothing	pcqbc1en191/2	<input type="checkbox"/> 1 0	<input type="checkbox"/> 2 1	<input type="checkbox"/> 3 2	<input type="checkbox"/> 4 3

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 Not in dataset. Coded 1=ticked 0=not ticked in raw data.

VALIDATION RULES for SCREEN 11:

- Require 6 items (1/3) to be answered before moving on.
- QR require that the final item (home educated) is ticked.
- If less than 6 items are answered AND home educated item is not ticked, present the following pop-up text: "You haven't answered enough of the questions on this page. Please try to complete some more before moving on."