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Parent Report

TEDS-21 Study

Please answer all questions as best you can even if you are unsure or if the question seems repetitive.

Please indicate your answers with a cross \square If you make a mistake, shade out and cross the appropriate box, e.g. $\square \rightarrow \blacksquare \square$

Please remember to complete this questionnaire using BLACK ink only.

Thank you for taking part in this study. Your contribution is very important to us.

Confidentiality

We understand that your thoughts and feelings are private. Please be assured that all responses will remain confidential, and will only be read by the researcher. All responses will be kept in accordance with the Data Protection Act 1998.

TEDS21 Phase 1 Parent Questionnaire: Raw Data Coding

This document shows response value coding for all items in the raw data from the TEDS21 phase 1 parent questionnaire. The layout and ordering of the questions is based on the paper booklet version. However, the formatting has been modified in order to accommodate value codes; for example, font sizes and table layouts have been changed, and page numbering has been removed.

Raw data were collected in three ways: on paper, in the app (CMS) and via the web (backup).

The raw data from the paper questionnaire are stored in tables in the Access database and are exported as csv files for dataset construction.

The original raw data files from the app and web servers have now been cleaned and aggregated together into a single csv file for dataset construction. As part of the cleaning process, item variable coding was changed where necessary so that the coding now matches that used in the paper data.

The raw item data coding is shown in this <u>blue font</u>, and this coding is identical in all versions (paper, app, web).

This <u>red font</u> is used to show the corresponding value coding in the dataset. Another document shows the dataset variable names in addition to value codes for every item, but for reasons of space the variable names are not duplicated here.

In the electronic (app and web) versions, the ordering of sections of questions differed and the wording of introductions was sometimes different. However, the wording of actual questions and responses was the same as in the paper version.

Many measures are tabulated and have a consistent response value coding for all items, and in these cases the coding is shown in the table heading and not for every single item. If the coding differs for different items within the same table, then the code values are shown for each item within the body of the table.

In the backup version, nearly all items in this parent questionnaire had an explicitly coded "prefer not to answer" response option, generally coded 0. This has been recoded to missing in the raw data (and hence in the dataset) for compatibility with the other versions.

In the CMS version, most items were optional and a "prefer not to answer" button was displayed; however, selection of this option in the CMS resulted in a missing value and not in a coded value. In the paper version, respondents could choose not to answer any given question so there was no need for a "prefer not to answer" option.

What best describes the living arrangement of you and your twins?						
Recoded in the dataset into two variables (one for each	twin)	as 1=yes,	0=no			
Both twins have a permanent residence with me		1				
Only the elder twin has a permanent residence with me		2				
Only the younger twin has a permanent residence with me		3				
Neither twin lives permanently at home		4				

If either twin no longer lives permanently at home, when did s/he move out? (Skip if not applicable)

	During the last	1-2 years	2-3 years	3-4 years	More than 4
	12 months	ago	ago	ago	years ago
	1	2	3	4	5
	1	2	3	4	5
Elder twin					
Younger twin					

We are interested in your feelings towards your twins. Please answer the following. For the items below, the backup version also had a "prefer not to answer" response option but this has been recoded to missing.

				Neither		
		Strongly	Slightly	agree nor	Slightly	Strongly
		agree	agree	disagree	disagree	disagree
		5	4	3	2	1
		1	2	3	4	5
1	I feel impatient with					
	Elder twin					
	Younger twin					
2	I feel happy about my relationship with					
	Elder twin					
	Younger twin					
3	I am amused by					
	Elder twin					
	Younger twin					
4	My twin makes me angry					
	Elder twin					
	Younger twin					
5	I feel close to					
	Elder twin					
	Younger twin					
6	I feel frustrated by					
	Elder twin					
	Younger twin					

Which of the following best describes the <u>type of work</u> done by the male and female parents in the household (mother, father, step-parents, foster parents, etc.)? Please <u>tick one option for each parent</u>. If there is only one parent figure present in the household, please skip the relevant column. Note that the CMS and backup versions also had a "not applicable" response option but this has now been recoded to missing. In the dataset, 1=not working is recoded to missing. The remaining raw data

codes 2-27 are then recoded to dataset codes 1-26 as shown.

			Female parent	Male parent
Not working (unemployed, retired, studying, etc.)	1	(missing)		
Manager, director or senior official	2	1		
Science, engineering or IT professional	3	2		
Teacher, lecturer, research or education professional	4	3		
Qualified professional such as doctor, accountant, solicitor, architect, clergy	5	4		
Technician	6	5		
Nurse or qualified therapist	7	6		
Armed forces, police or protective services	8	7		
Artistic or literary, design or media, or sports occupation	9	8		
Business or finance worker	10	9		
Public services	11	10		
Administrator	12	11		
Secretary, PA, receptionist, clerical work	13	12		
Agricultural or horticultural trades	14	13		
Skilled trades or crafts (building, electrical, mechanical, printing, chef, etc.)	15	14		
Childcare, healthcare or veterinary assistant	16	15		
Leisure or travel services	17	16		
Hairdressing, housekeeping and other personal services	18	17		
Retail, sales and customer services	19	18		
Factory work or machine operator	20	19		
Driver or transport operator	21	20		
Labourer	22	21		
Postal worker, courier or messenger	23	22		
Goods handling, porter, shelf-filling, storage	24	23		
Security guard, attendant, school patrol, traffic warden	25	24		
Cleaning, laundering, refuse collection	26	25		
Kitchen worker, bar staff, waiter or waitress	27	26		

What is the <u>highest level of qualifications</u> reached by the male and female parents in the household (mother, father, step-parents, foster parents, etc.)? Please <u>tick one option for each parent</u>. If there is only one parent figure present in the household, please skip the relevant column. Note that both the CMS and backup versions also had a "not applicable" response option but this has been recoded to missing.

		Female	Male	
		parent	parent	
No qualifications	1			1
GCSEs with grades D - G	2			2
O-levels with grades D or E (or grades 7 - 9)	3			3
CSEs with grades 2 - 5	4			4
1 to 4 GCSEs with grades A - C	5			5
1 to 4 O-levels with grades A - C (or grades 1 - 6)	6			6
1 to 4 CSEs with grade 1	7			7
5 or more GCSEs with grades A - C	8			8
5 or more O-levels with grades A - C (or grades 1 - 6)	9			9
5 or more CSEs with grade 1	10			10
School Certificate (pre-1951)	11			11
1 A-level pass (grades A - E)	12			12
2 or more A-level passes (grades A - E)	13			13
Higher School Certificate (pre-1951)	14			14
First degree (e.g. BA or BSc)	15			15
Higher degree (e.g. MA, PhD)	16			16
Postgraduate certificate or diploma (e.g. PGCE)	17			17

What is your approximate total **household income** per year, before tax? This should include the income of yourself and your partner (if any), but not your twins or other children.

Under £5,000		1
£5,000 to £9,999	□ <u>2</u>	2
£10,000 to £14,999	□ 3	3
£15,000 to £19,999	4	4
£20,000 to £24,999	5	5
£25,000 to £29,999	□ 6	6
£30,000 to £39,999	7	7
£40,000 to £49,999	8	8
£50,000 to £74,999	D 9	9
£75,000 to £100,000	□ 10	10
Over £100,000	□ 11	11

We are interested in everyday risk-taking by your twins. To what extent do you think each of your twins takes the following risks in his/her life?

				Quite		Very
		Never	Rarely	often	Often	often
		0	1	2	3	4
		1	2	3	4	5
1	Recreational risks (e.g. skiing,					
	skateboarding, cliff-jumping/tombstoning)	_	_	_	_	_
	Elder twin					
	Younger twin					
2	Health risks (e.g. smoking, poor diet, high					
	alcohol consumption)					
	Elder twin					
	Younger twin					
3	Career risks (e.g. quitting a job without					
	another to go to)					
	Elder twin					
	Younger twin					
4	Financial risks (e.g. gambling, risky					
	investments)					
	Elder twin					
	Younger twin					
5	Safety risks (e.g. fast driving, cycling without					
	a helmet, being in a car without a seat belt)					
	Elder twin					
	Younger twin					
6	Social risks (e.g. standing for election,					
	publicly challenging a rule or decision)					
	Elder twin					
	Younger twin					

To what extent do you agree with the following statements about each twin? A "prefer not to answer" response option was included in the backup version only (now recoded to missing).

		Not	Quite	Very
		true	true	true
		0	1 2	2
1	C/ho is viso to other poor lo C/ho serve about their fealings	-	2	2
-	S/he is nice to other people. S/he cares about their feelings			
	Elder twin			
2	Younger twin			
2	S/he is restless and cannot stay still for long	-	_	_
	Elder twin			
	Younger twin			
3	S/he gets a lot of headaches, stomach aches or sickness	_	_	_
	Elder twin			
	Younger twin			
4	S/he usually shares with others			
	Elder twin			
	Younger twin			
5	S/he gets very angry and often loses her/his temper			
	Elder twin			
	Younger twin			
6	S/he is usually on her/his own and generally keeps to her/himself			
	Elder twin			
	Younger twin			
7	S/he usually does what is instructed			
	Elder twin			
	Younger twin			
8	S/he worries a lot			
	Elder twin			
	Younger twin			
9	S/he is helpful if someone is hurt, upset or feeling ill			
	Elder twin			
	Younger twin			
10	S/he is constantly fidgeting or squirming			
	Elder twin			
	Younger twin			
11	S/he has one good friend or more			
	Elder twin			
	Younger twin			
12	S/he gets into fights a lot and can make other people do what			
	s/he wants	_	-	_
	Elder twin			
	Younger twin			

		Not	Quite	Very
		true	true	true
		0	1 2	2
13	S/he is often unhappy, down-hearted or tearful	-	2	5
15	Elder twin	_		
14	Younger twin			
14	Other people her/his age generally like her/him	_	_	
	Elder twin			
15	Younger twin			
15	S/he is easily distracted and finds it difficult to concentrate	_	_	_
	Elder twin			
10	Younger twin			
16	S/he is nervous in new situations and easily loses confidence	_	_	_
	Elder twin			
	Younger twin			
17	S/he is kind to others			
	Elder twin			
	Younger twin			
18	S/he is often accused of lying or cheating			
	Elder twin			
	Younger twin			
19	Other people tend to pick on or bully her/him			
	Elder twin			
	Younger twin			
20	S/he often volunteers to help others			
	Elder twin			
	Younger twin			
21	S/he thinks before s/he does things			
	Elder twin			
	Younger twin			
22	S/he steals			
	Elder twin			
	Younger twin			
23	S/he gets on better with older adults than with people her/his			
	own age			
	Elder twin			
	Younger twin			
24	S/he has many fears, s/he is easily scared			
	Elder twin			
	Younger twin			
25	S/he finishes the work s/he is doing. Her/his attention is good.			
	Elder twin			
	Younger twin			

Please rate below how true the statements are in relation to each twin.

		Not at	Somewhat	Mainly	Definitely
		all true	true	true	true
		0	1	2	3
		1	2	3	4
1	Has a lack of energy and motivation				
	Elder twin				
	Younger twin				
2	Often does not have much to say for				
	himself/herself				
	Elder twin				
	Younger twin				
3	Usually gives brief, one word replies to				
	questions, even if encouraged to say more				
	Elder twin				
	Younger twin				
4	Is often inattentive and appears distracted				
	Elder twin				
	Younger twin				
5	Seems emotionally "flat", for example,				
	rarely changes the emotions he/she shows				
	Elder twin				
	Younger twin				
6	Often sits around for a long time doing				
	nothing				
	Elder twin				
	Younger twin				
7	Has very few interests or hobbies				
	Elder twin				
	Younger twin				
8	Often does not pay attention when being				
	spoken to				
	Elder twin				
	Younger twin				
9	Often fails to smile or laugh at things				
	others would find funny				
	Elder twin				
L	Younger twin				
10	Has few or no friends		_		
	Elder twin				
	Younger twin				

Thinking about your twins' behaviour over the **last six months**, please read each statement and decide how well it describes your twins.

		Not at	Somewhat	Mainly	Definitely
		all true	true	true	true
		0	1	2	3
1	Descrit new attention to dataile, makes sources	1	2	3	4
1	Doesn't pay attention to details; makes careless mistakes				
	Elder twin	п	п		
	Younger twin		П		
2	Has trouble keeping his/her mind on work or on				
2	other tasks for long				
	Elder twin				
	Younger twin				
3	Does not seem to listen to what is being said to				
	him/her				
	Elder twin				
	Younger twin				
4	Does not follow through on instructions and fails				
	to complete academic assignments (even when				
	he/she understands and is trying to cooperate)	_	_	_	_
	Elder twin				
	Younger twin				
5	Has trouble organizing tasks or activities	_	_	_	_
	Elder twin				
6	Younger twin				
6	Avoids or dislikes things that take a lot of effort and are not fun				
	Elder twin	п	п	П	
	Younger twin	П			
7	Loses things (for example, pencils, books, tools				
,	or keys)				
	Elder twin				
	Younger twin				
8	Is easily distracted by external stimuli (for				
	example, sights or sounds)				
	Elder twin				
	Younger twin				
9	Is forgetful in daily activities				
	Elder twin				
	Younger twin				
10	Fidgets or squirms in seat				
	Elder twin				
	Younger twin				
11	Leaves seat when he/she should stay seated				
	Elder twin				
	Younger twin				
12	Restless or overactive				
	Elder twin				
	Younger twin				

		Not at	Somewhat	Mainly	Definitely
		all true	true	true	true
		0	1	2	3
		1	2	3	4
13	Finds it difficult to be quiet when engaging in				
	leisure activities				
	Elder twin				
	Younger twin				
14	Acts as if driven by a motor, constantly on the go				
	Elder twin				
	Younger twin				
15	Talks too much				
	Elder twin				
	Younger twin				
16	Blurts out answers before the question has been				
	completed				
	Elder twin				
	Younger twin				
17	Has difficulty waiting for his/her turn				
	Elder twin				
	Younger twin				
18	Interrupts others (for example, butts into				
	conversations or games)				
	Elder twin				
	Younger twin				

Children of your twins

TEDS is launching a new study called Children of TEDS (CoTEDS). The aim is to collect data on the development of the TEDS twins' children. In order to invite TEDS twins to join CoTEDS, we are gathering information about which of them have children. If either of your twins have or are expecting children, and if you think that they might be interested in joining CoTEDS, please answer the questions below.

The data in this section were collected for admin purposes rather than for analysis. After collection, the data were transferred into an admin system and were followed up by further contacts with the twins.

The data from this section have not been retained in the raw data, with the exception of two items that are non-identifying and which are potentially useful for analysis - these items are indicated below.

The CMS and backup versions originally included screening questions, used for branching purposes. As indicated below, these screening questions were either dropped or they have been restructured so that the variables take the same form as in the paper version.

1. Do either of your twins have children?

	Yes 1	No O
	1	0
Elder twin		
Younger twin		

In the CMS and backup versions, the initial screening question was: "Do either of your twins have children (excluding pregnancies)?" The response options were

- No, neither or my twins have children
- My elder twin has children, but my younger twin does not
- My younger twin has children, but my elder twin does not
- Both my twins have children
- Prefer not to say

Responses were restructured into yes/no variables as shown above, and as used in the paper version.

In the CMS and backup versions, if there were positive responses to the questions above, two further screening questions were presented: "How many children does your elder twin have?" and "How many children does your younger twin have?" Responses to these questions determined the numbers of child records requested in question 2 below.

2. If yes, and if you are prepared to give details, please tell us about the children below. Details from this question have been used for admin purposes but are not retained in the raw data.

(a) Elder twin's children:

	Child's full name	Child's birth date (dd/mm/yyyy)	Child's gender (M or F)
Child 1			
Child 2			
Child 3			

(b) Younger twin's children:

	Child's full name	Child's birth date (dd/mm/yyyy)	Child's gender (M or F)
Child 1			
Child 2			
Child 3			

3. Are either of your twins currently expecting a baby? If yes, and you are prepared to give details, please also tell us the approximate expected due date.

In the CMS and backup, the questions below included a "prefer not to say" response option - now recoded to missing.

	Yes 1	No 0	Expected due date (dd/mm/yyyy)
Elder twin			
Younger twin			
	1	0	

The "expected due date", where given, was used for admin purposes but has not been retained in the raw data.

4. If there is anything that you think we should know before inviting either of your twins to join CoTEDS, please let us know in the space below.

(Original text used for admin purposes but not retained in raw data)