

Wellbeing research using the CLS cohorts

CENTRE FOR
LONGITUDINAL
STUDIES



This workshop is funded by

What Works Wellbeing



Workshop today

10.00-10.45 Introductory session

10:45 – 11:10 Tea/Coffee break

11.10 -13.00 New wellbeing research using cohort studies

13:00 – 14:00 Lunch (provided)

14:00 – 15:00 Option A. Methods and data workshop

14:00 – 15:30 Option B. Research Q&A

What you will learn

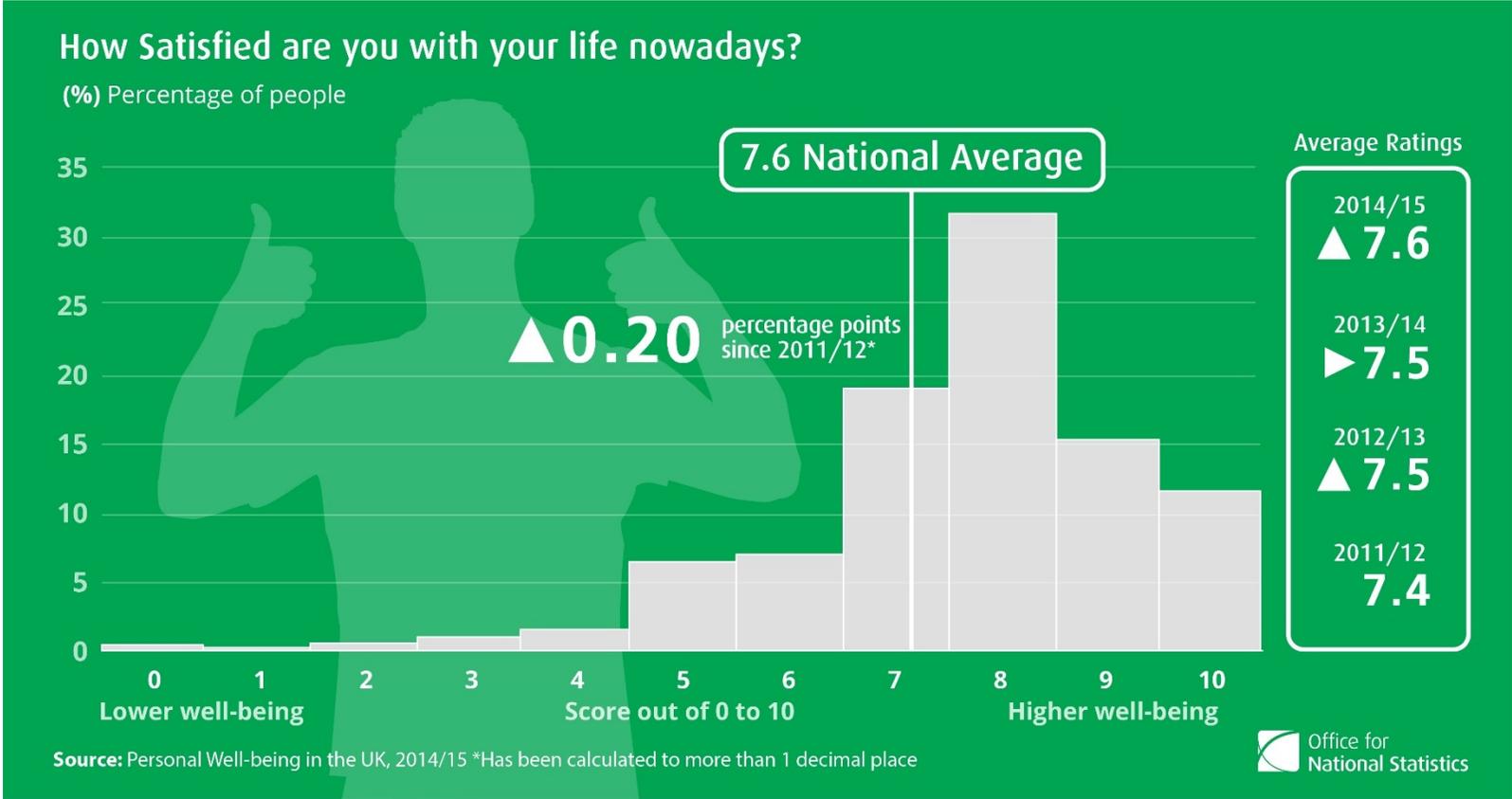
- Get to know CLS and other longitudinal data sources
- What have we measured on wellbeing in the CLS studies?
- How to access our data



- Option A: Use stata to analyse cohort data
- Option B: Questions about your own research

Why use longitudinal data?

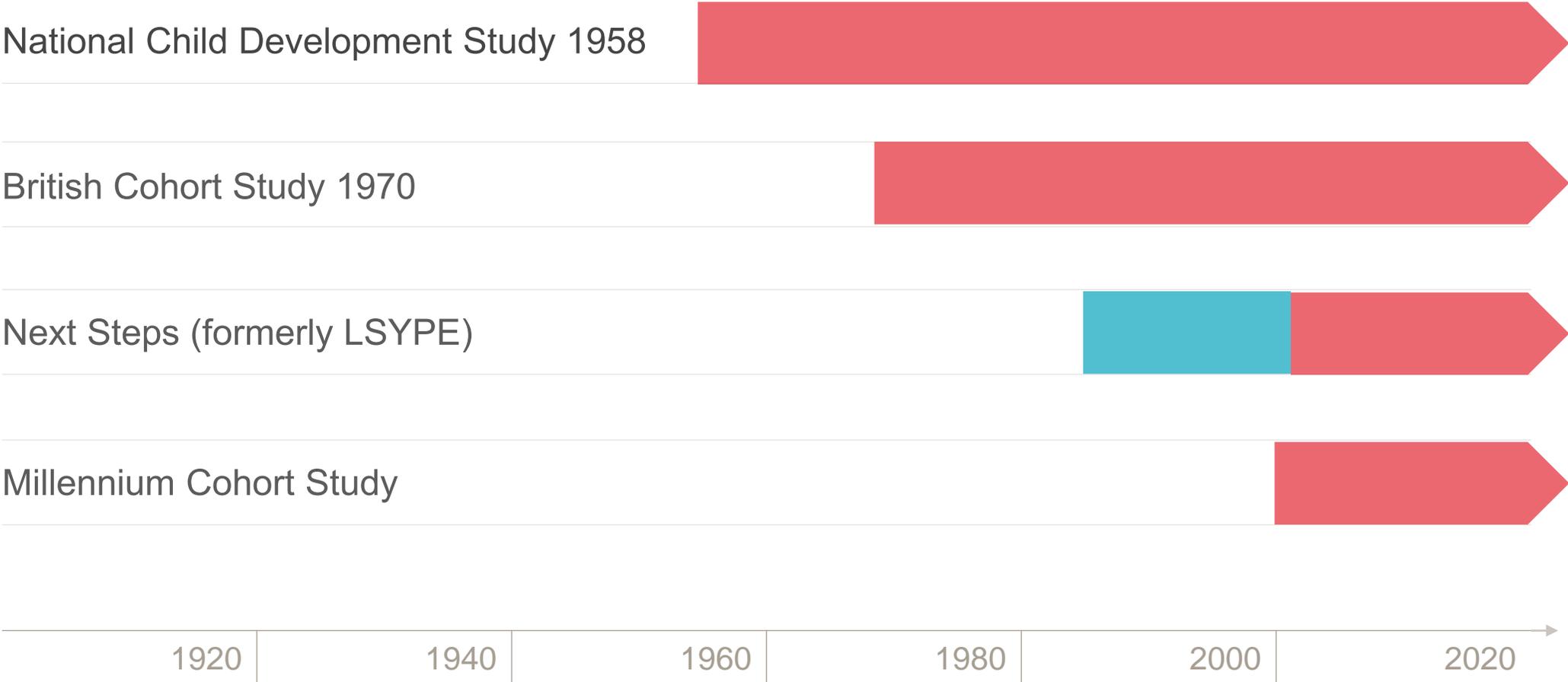
Cross-sectional surveys tell us about reported levels of wellbeing



Why use longitudinal data?

- How does an individual's wellbeing change over time?
- What are the predictors/ causes of wellbeing (and change)?
- What are the consequences of (change in) wellbeing?
- What are the effects of policy interventions?
- The changing experience of different cohorts

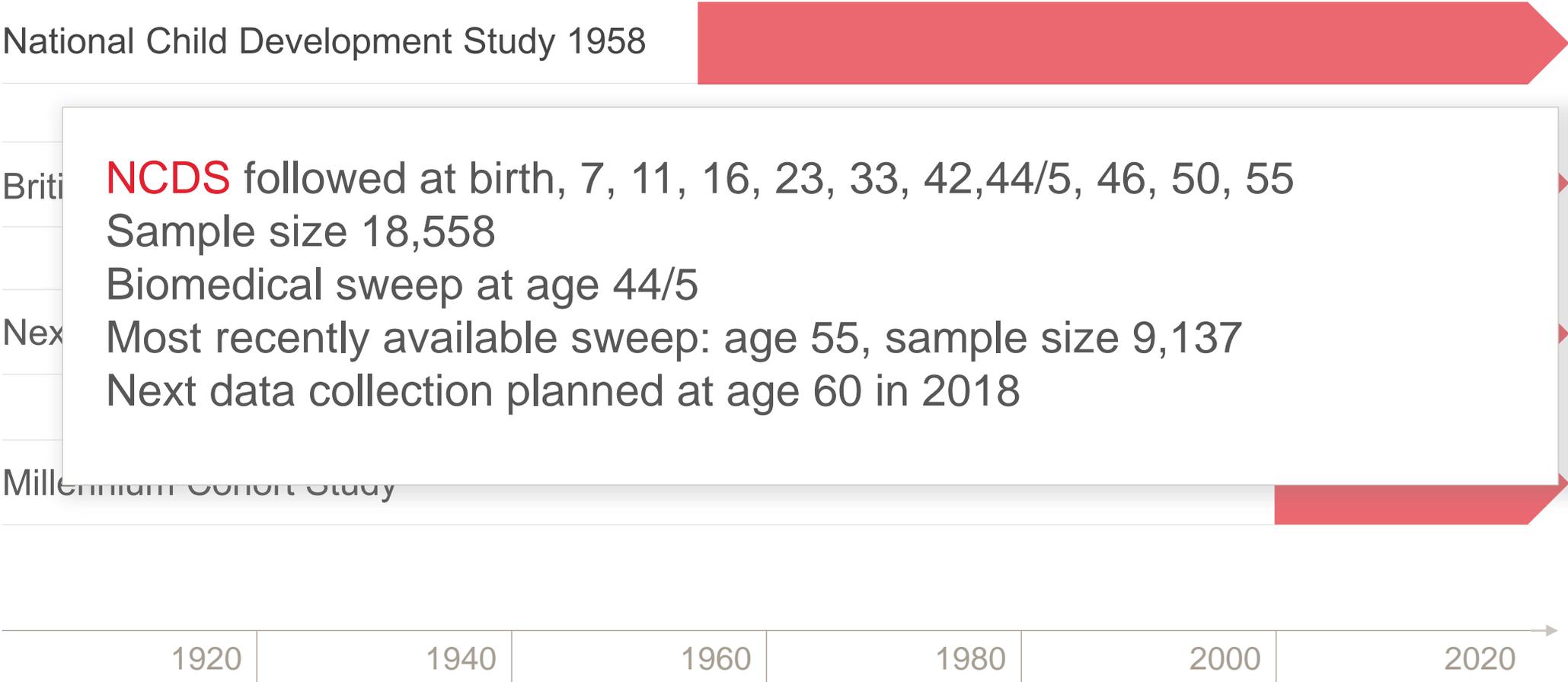
CLS Studies



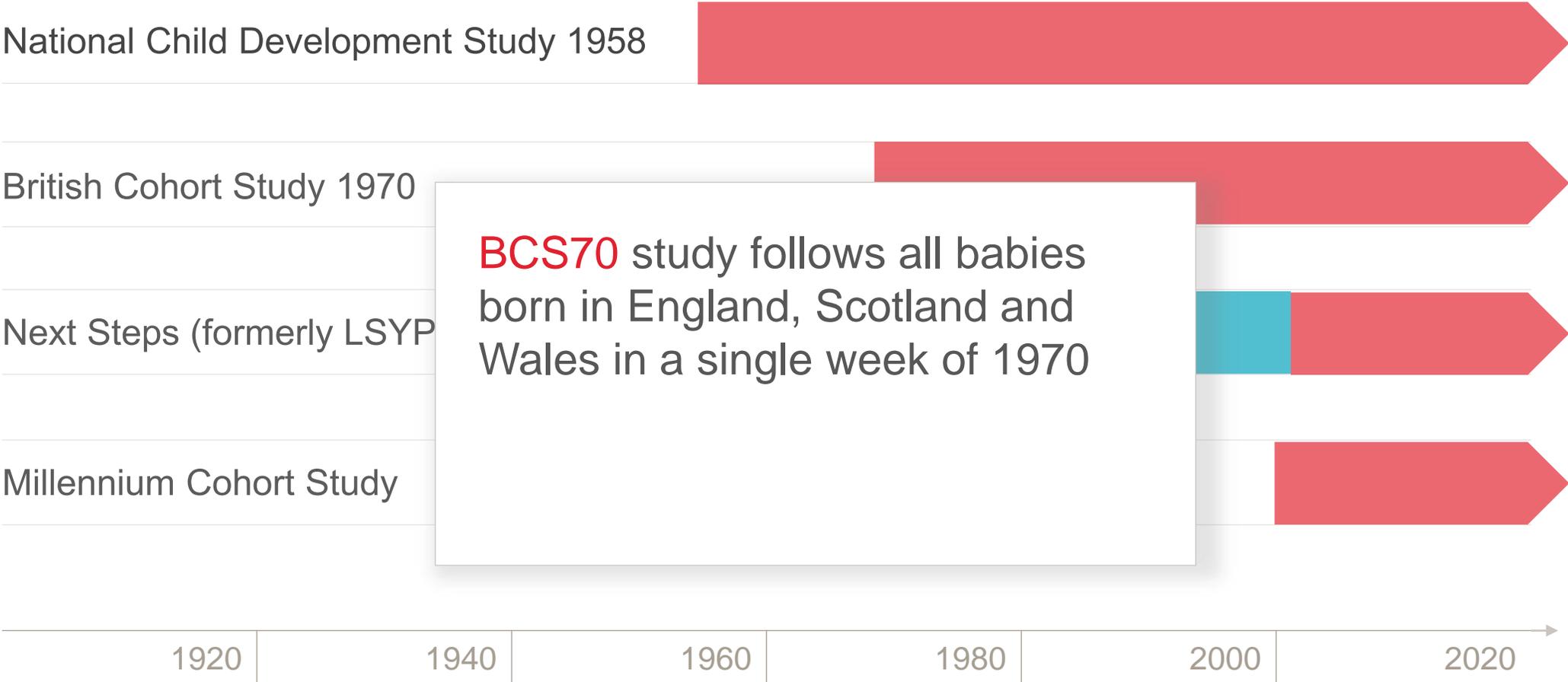
CLS Studies



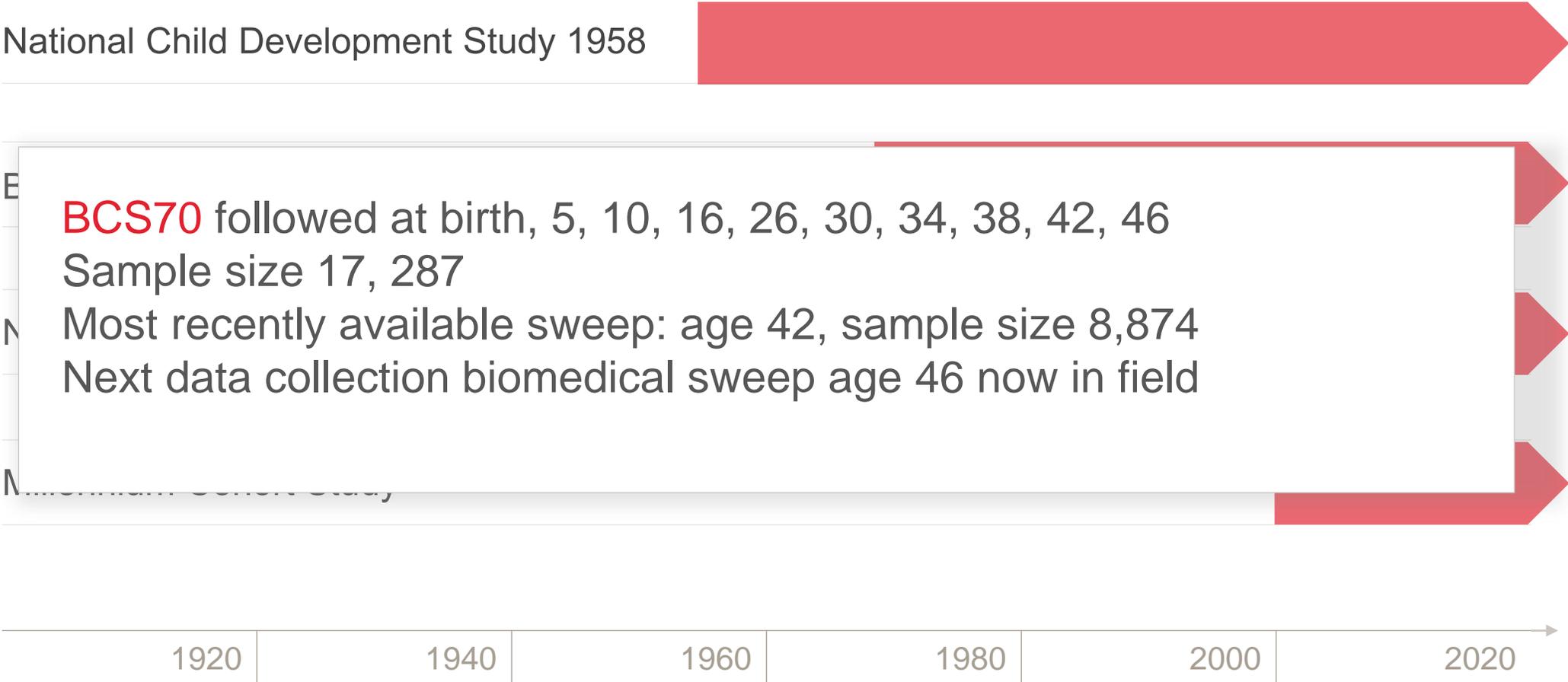
CLS Studies



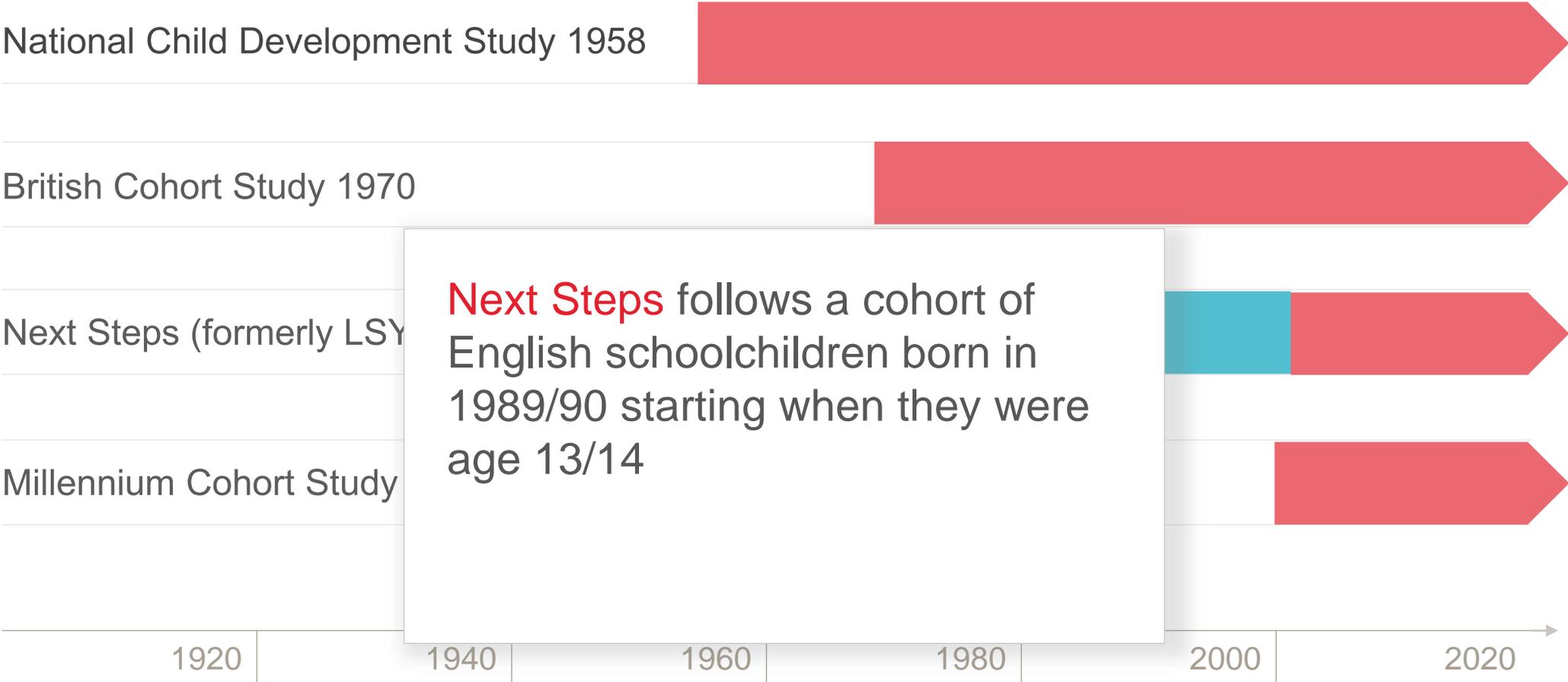
CLS Studies



CLS Studies



CLS Studies



CLS Studies

National Child Development Study 1958

Next Steps followed at ages 13,14,15,16,17,18,19, and 25

Sample size 15,770

Initial focus on education and school/ family context – now broadened

Most recent sweep age 25 available March 2017, sample size 7,707

1920

1940

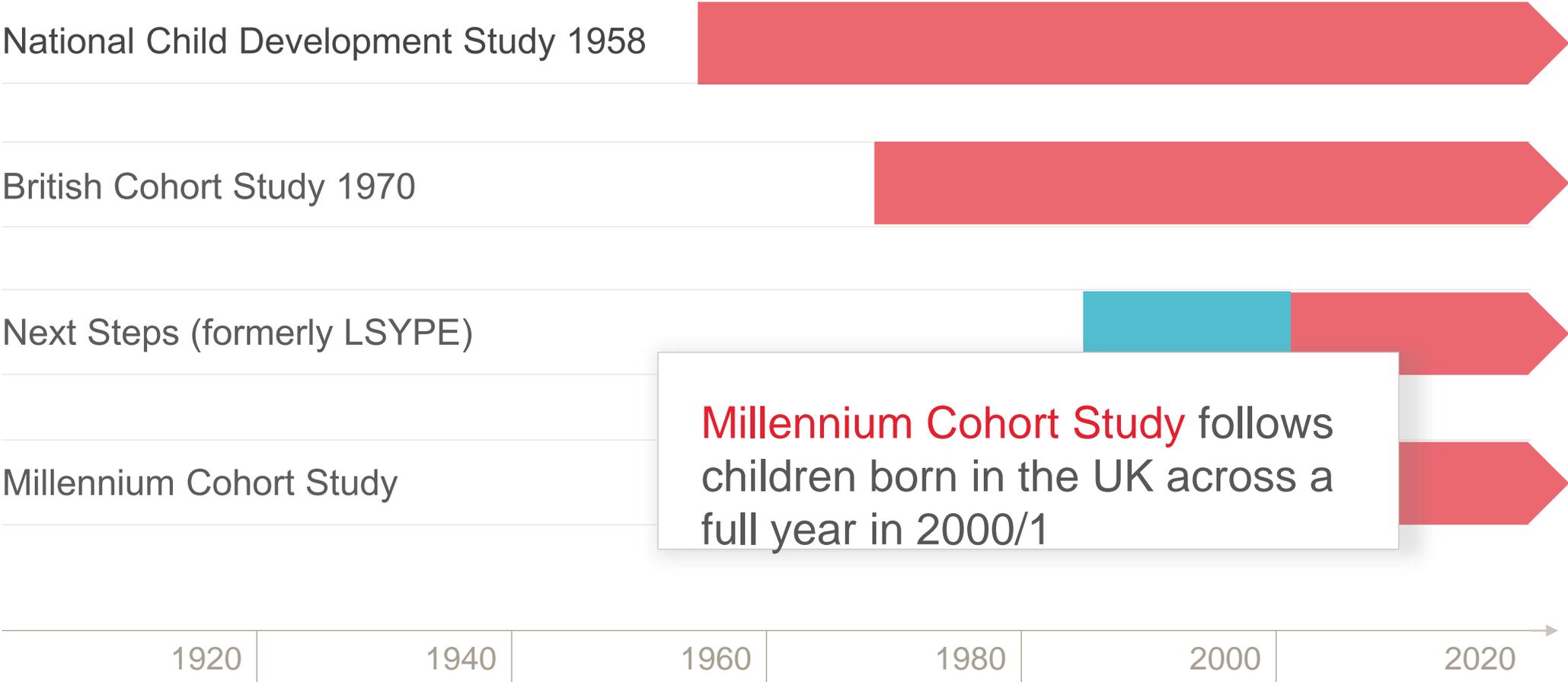
1960

1980

2000

2020

CLS Studies



CLS Studies

National Child Development Study 1958

British Cohort Study 1970

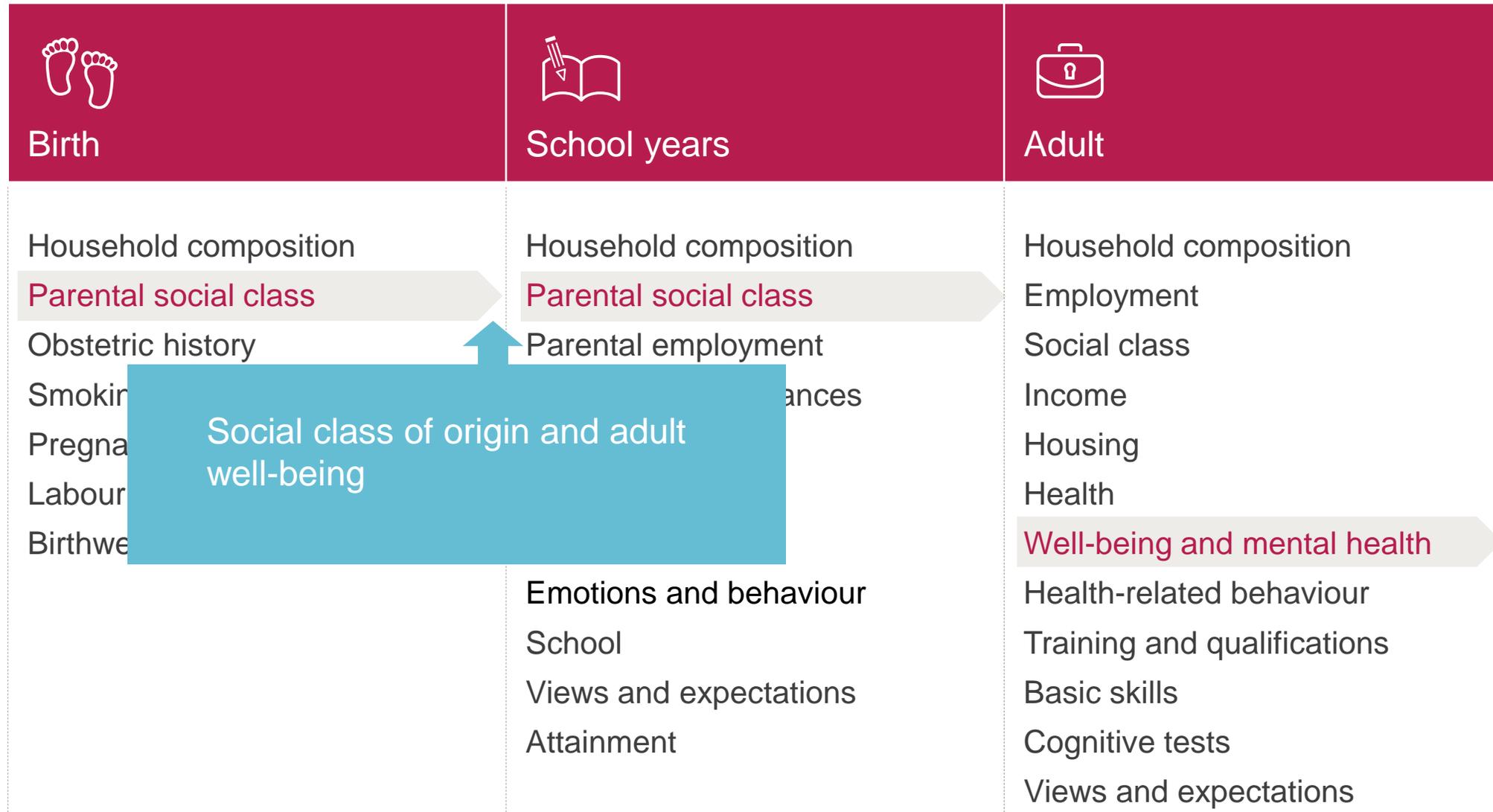
MCS followed at 9 months, and ages 3, 5, 7, 11, 14
Stratified to ensure representation of deprived, and Black and Asian families
Sample size 19,519
Most recent sweep age 14 available at the end of 2016, sample size 11,726

1920 | 1940 | 1960 | 1980 | 2000 | 2020

Types of information covered: an adult cohort

 Birth	 School years	 Adult
<p>Household composition</p> <p>Parental social class</p> <p>Obstetric history</p> <p>Smoking in pregnancy</p> <p>Pregnancy</p> <p>Labour</p> <p>Birthweight, length</p>	<p>Household composition</p> <p>Parental social class</p> <p>Parental employment</p> <p>Financial circumstances</p> <p>Housing</p> <p>Health</p> <p>Cognitive tests</p> <p>Emotions and behaviour</p> <p>School</p> <p>Views and expectations</p> <p>Attainment</p>	<p>Household composition</p> <p>Employment</p> <p>Social class</p> <p>Income</p> <p>Housing</p> <p>Health</p> <p>Well-being and mental health</p> <p>Health-related behaviour</p> <p>Training and qualifications</p> <p>Basic skills</p> <p>Cognitive tests</p> <p>Views and expectations</p>

Types of information covered: an adult cohort



Types of information covered: an adult cohort

Birth	School years	Adult
Household composition	Household composition	Household composition
Parental social class	Parental social class	Employment
Obstetric history	Parental employment	Social class
Smoking in pregnancy	Financial circumstances	Income
Pregnancy	Housing	Housing
Labour	Health	Health
Birthweight, length	Cognitive tests	Well-being and mental health
	Emotions and behaviour	Health-related behaviour
	School	Training and qualifications
	Views and ex	
	Attainment	

Childhood predictors of life satisfaction

MCS Age 14: Data out very soon

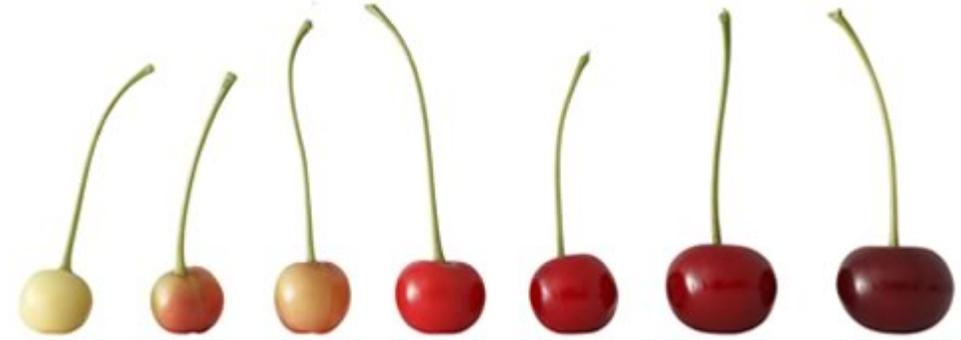
Plans for Initial Findings

- Mental health and wellbeing
- Overweight/obesity
- Language development (cross-cohort)
- Risky behaviours, bullying + victimisation
- Aspirations

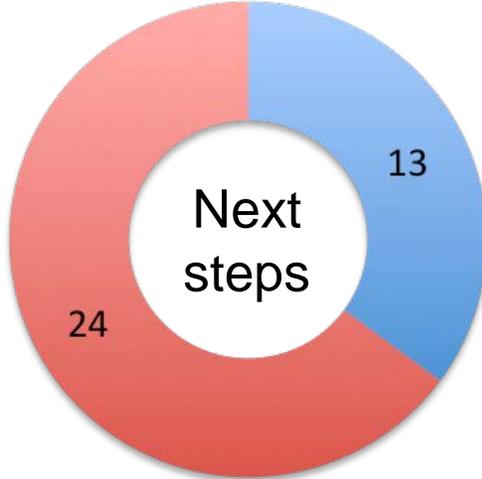
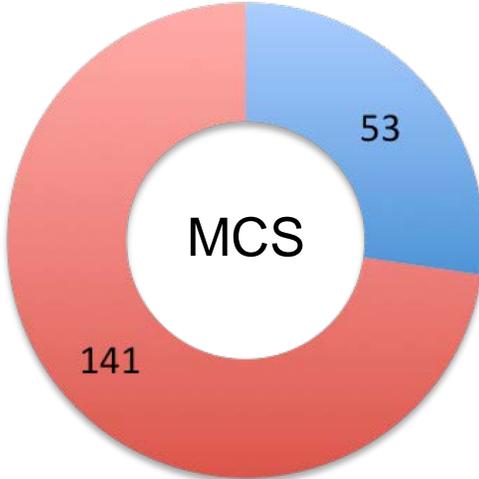
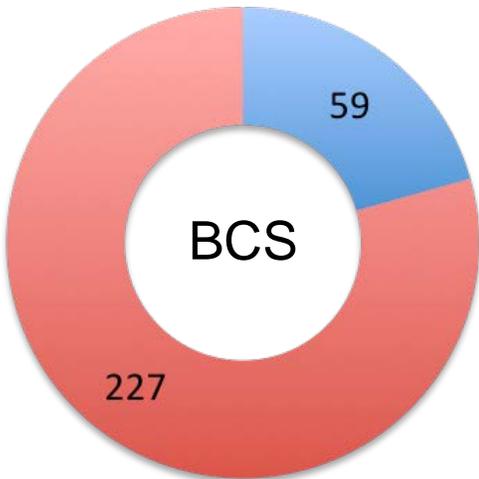
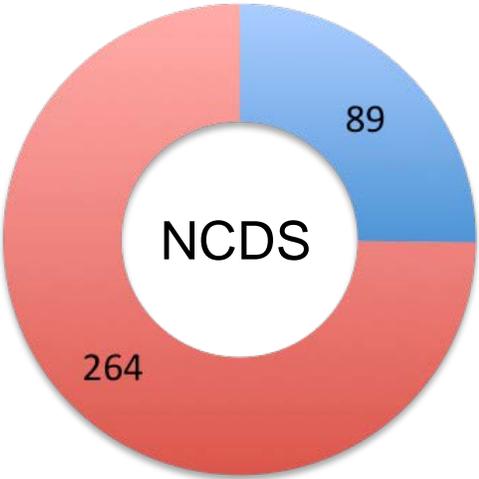
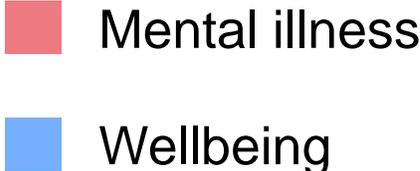
- *Common thread → focus on understanding longitudinal patterns, trajectories and correlates*

Other UK longitudinal studies including wellbeing

National Survey of Health and Development



Measures of wellbeing in the CLS studies



Variable overview for wellbeing

Wave	Year	Age CM	Subject	Dataset	Variable name	Scale	Description
3	1974	16	Parent	5565	n2417		Satisfaction with school
3	1974	16	Cohort member	5565	n2877		Satisfaction places to meet
5	1991	33	Child (Mother report)	5567	n516834		Happy at school
5	1991	33	Child (Mother report)	5567	n516843		Satisfaction with school
5	1991	33	Cohort member	5567	n509769	Self efficacy	Self efficacy
5	1991	33	Cohort member	5567	n509770	Self efficacy	Self efficacy
5	1991	33	Cohort member	5567	n509771	Self efficacy	Self efficacy

Variable overview for wellbeing



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Variable overview for wellbeing

Who?

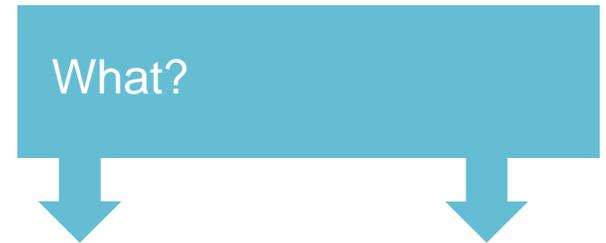
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Variable overview for wellbeing

More details

Item	Response categories	Approx. nr. cases
To what extent has the parent been satisfied with child's education at present school?	1 = satisfied, 2 = satisfied in some ways but not in others, 3 = dissatisfied	11492
How satisfied are you with places for young people to meet in your neighborhood?	1 = satisfied, 2 = uncertain, 3 = dissatisfied, 4 = Not bothered	11931
Is child happy at his/her school?	1 = Yes, 2 = No	2671
Overall, have you been satisfied with child's education at present school?	1 = very satisfied, 2 = satisfied, 3 = neither, 4 = dissatisfied, 5 = very dissatisfied	2705

Types of variables on wellbeing

General wellbeing

Single items, e.g.:

- Life satisfaction
“On a scale 0 to 10 ...”
“All things considered, how happy are you?”

Scales, e.g.:

- WEMWBS
- Quality of Life (CASP)
- GHQ
- SF-36
- Compared with others
- Happiness and wellbeing

Domain specific wellbeing

Single items, e.g.:

- Job satisfaction
- Satisfaction with work/life balance
- Relationship satisfaction
- Satisfaction with housing
- Happy at school (Child) / Satisfaction with school (Parent)
- Satisfaction with area you live in

Scales, e.g.:

- Self efficacy
- What am I like (self esteem)
- Rosenberg’s self esteem scale

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Life satisfaction:
NCDS and BCS

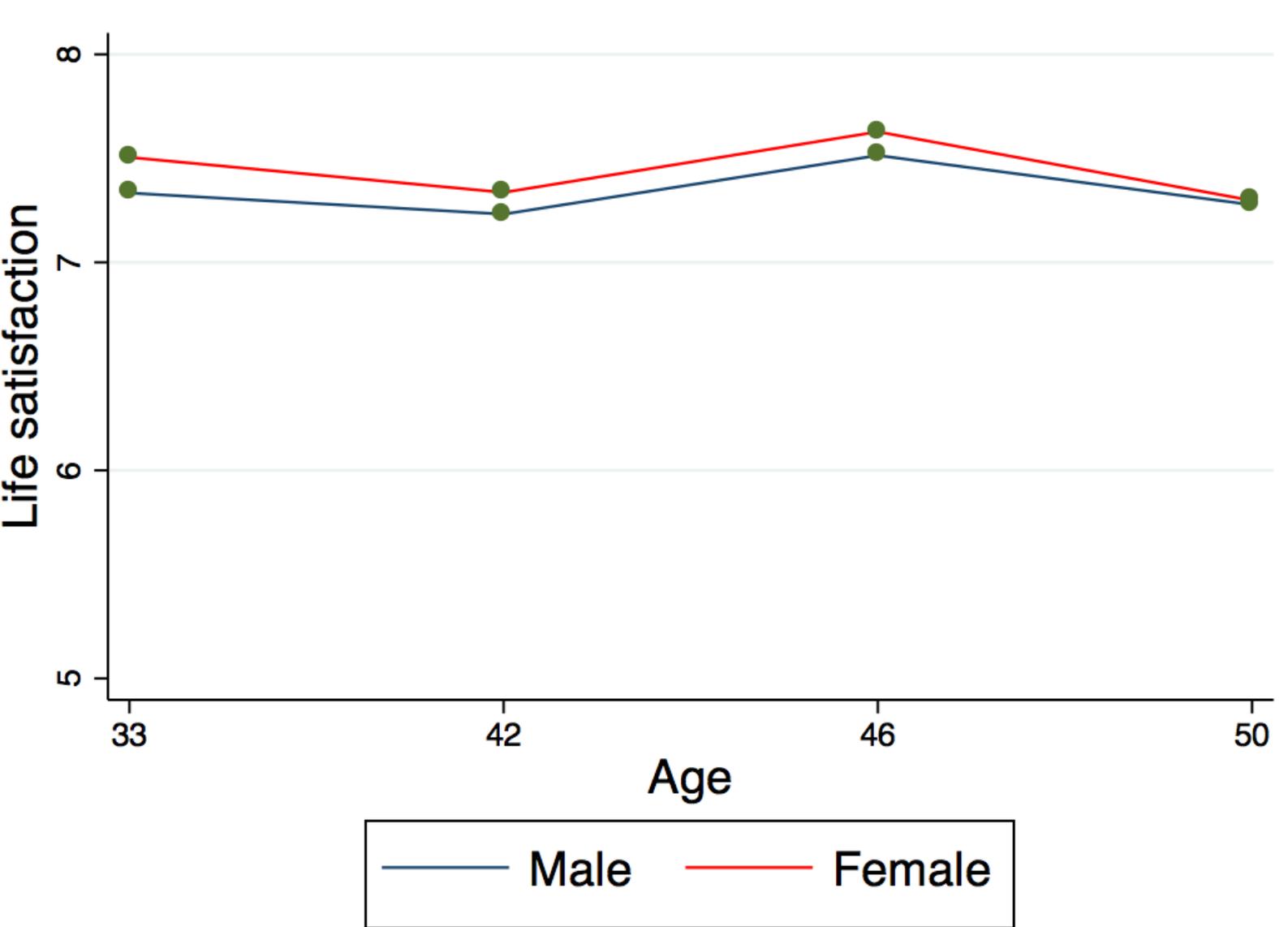
Life satisfaction

“Here is a scale from 0 to 10, where '0' means that you are completely dissatisfied and '10' means that you are completely satisfied. Please enter the number which corresponds with how satisfied or dissatisfied you are with the way life has turned out so far.”

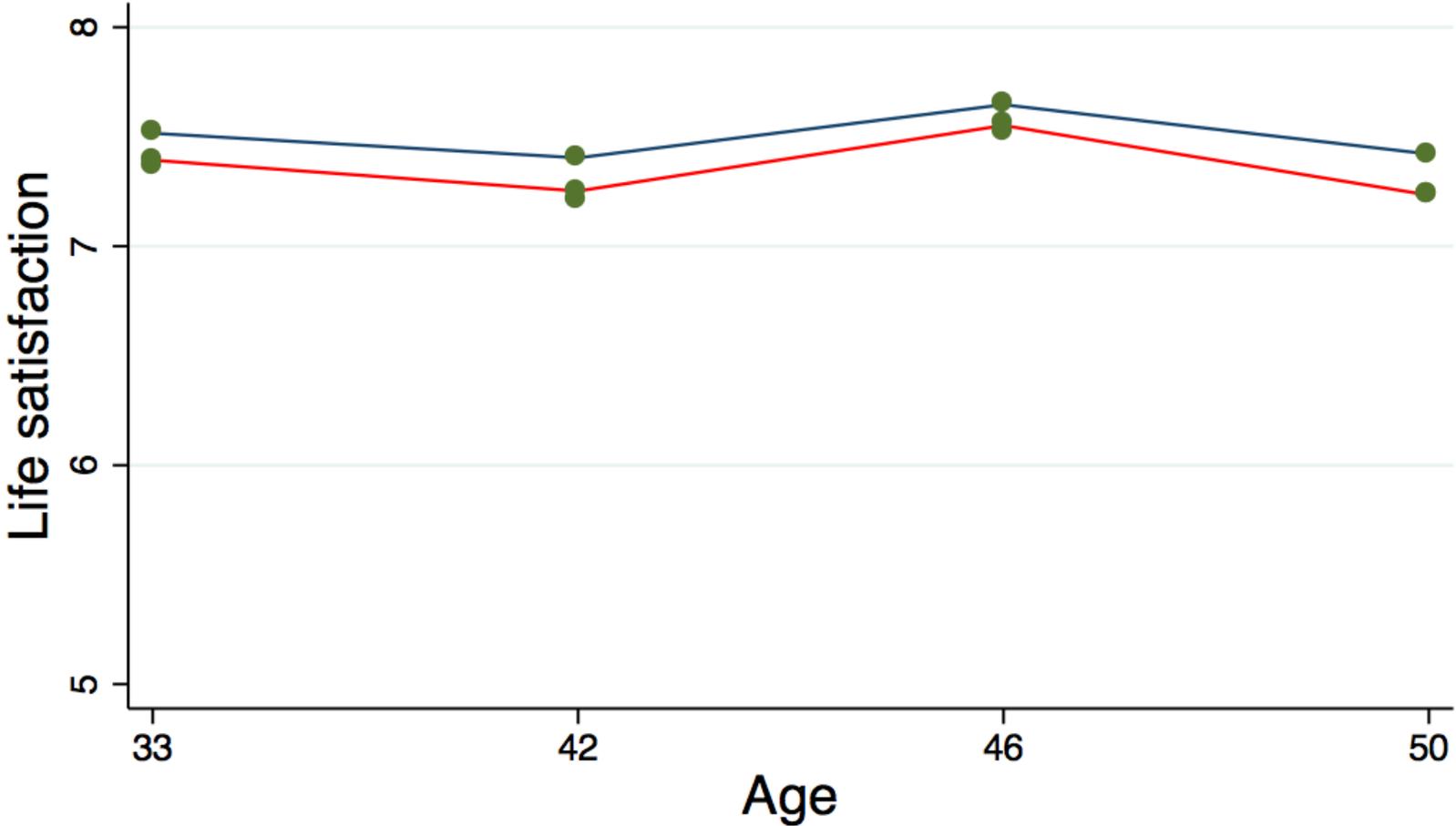
Measured in several cohort studies:

- NCDS: Age 33, 42, 46, 50
- BCS: Age 26, 30, 34, 42
- MCS: Parent life satisfaction at all waves

Life satisfaction over the life course (NCDS)



Life satisfaction by childhood social class (NCDS)

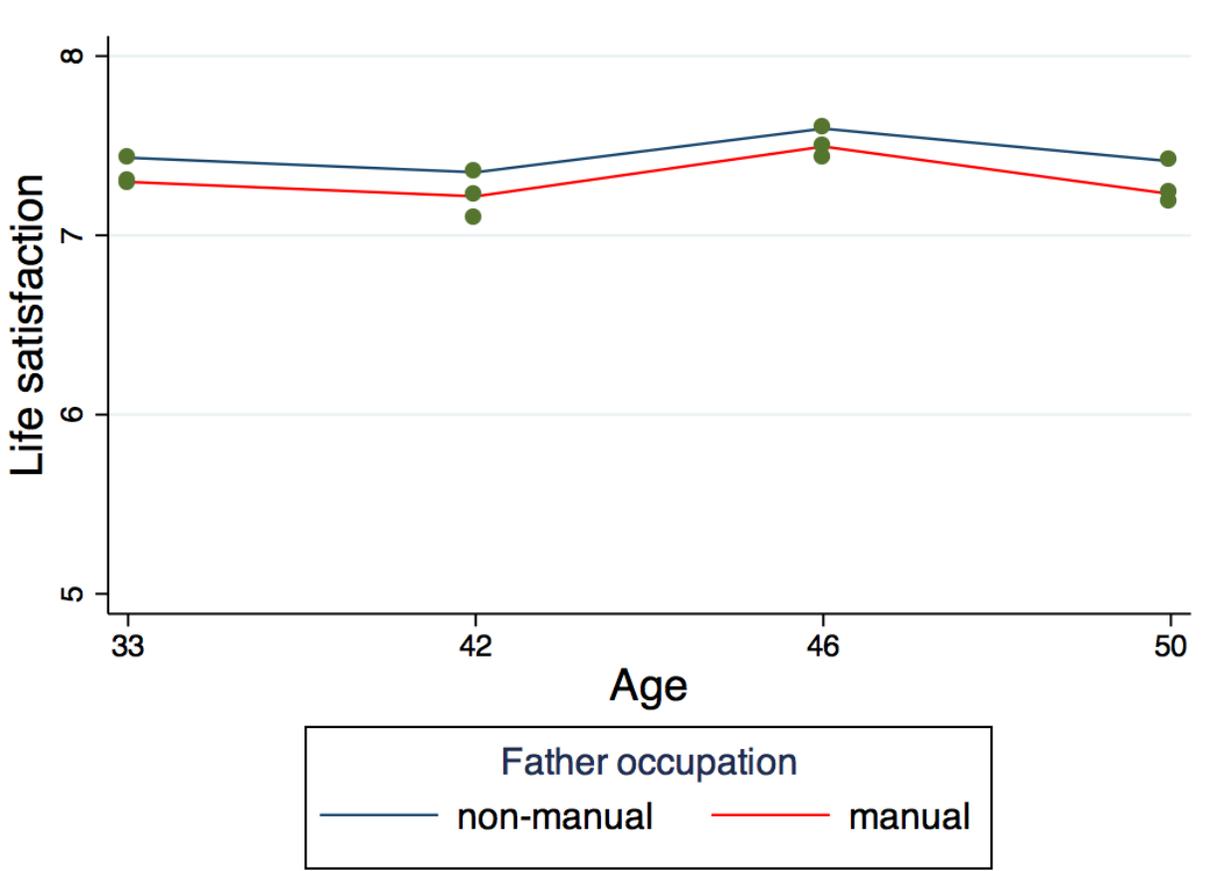


Father occupation
— non-manual — manual

Social class measured as father's type of occupation at age 11

Life satisfaction by childhood social class (NCDS)

Men

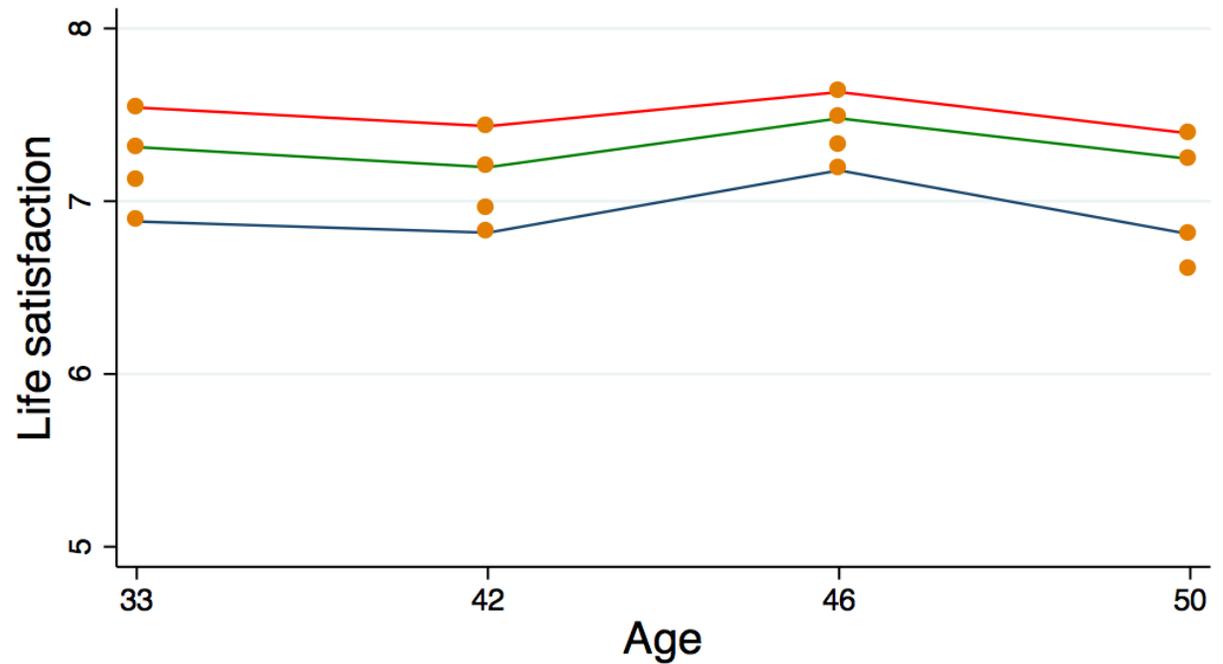


Women

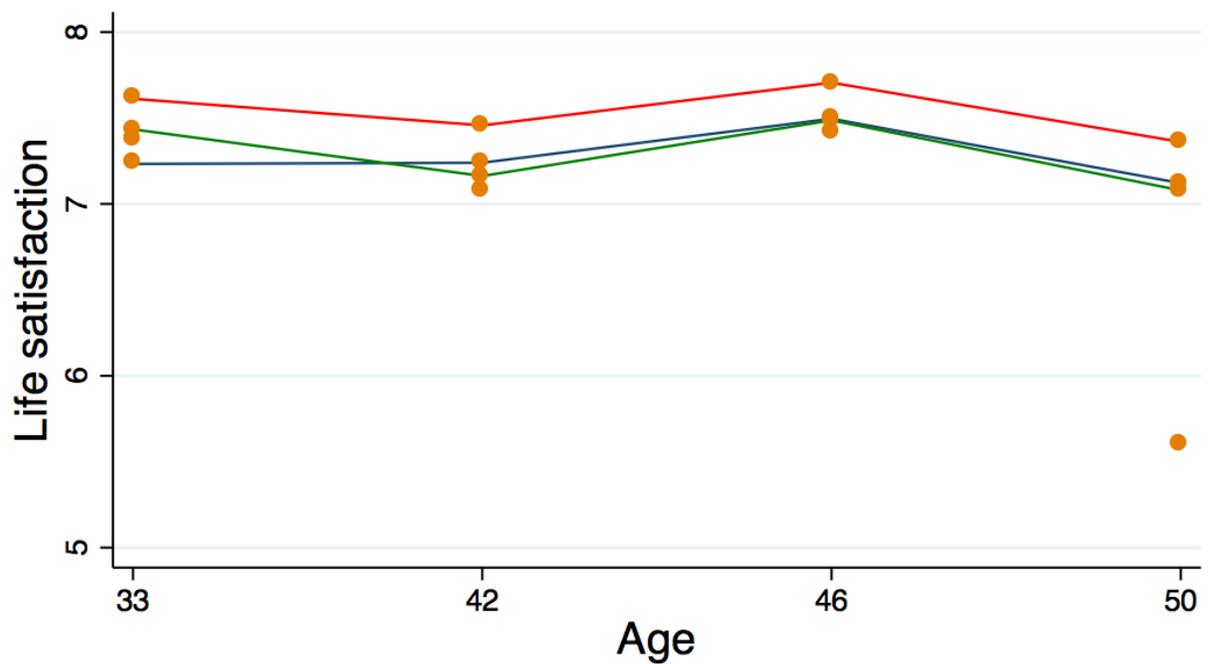


Life satisfaction by number of children (NCDS)

Men



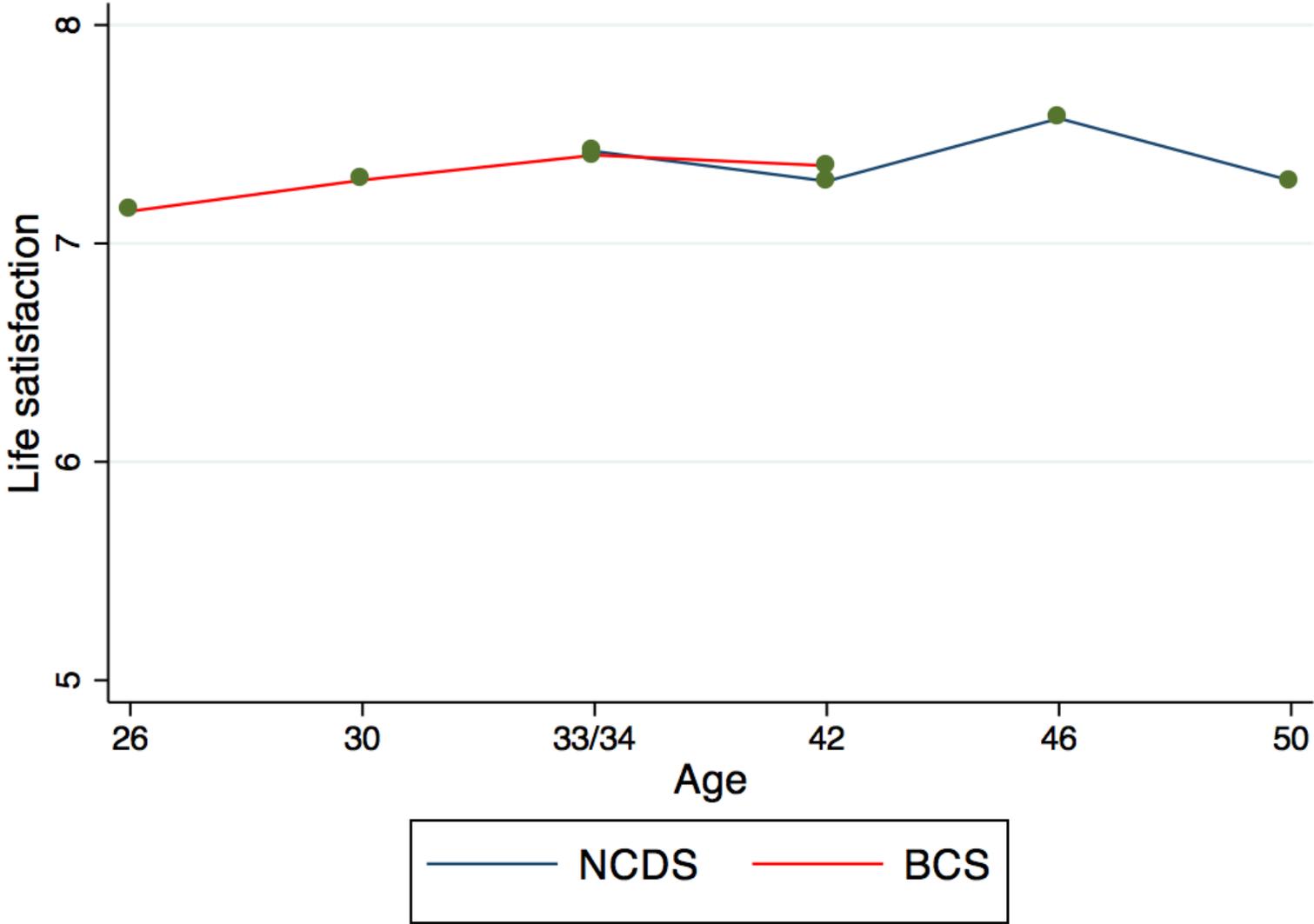
Women



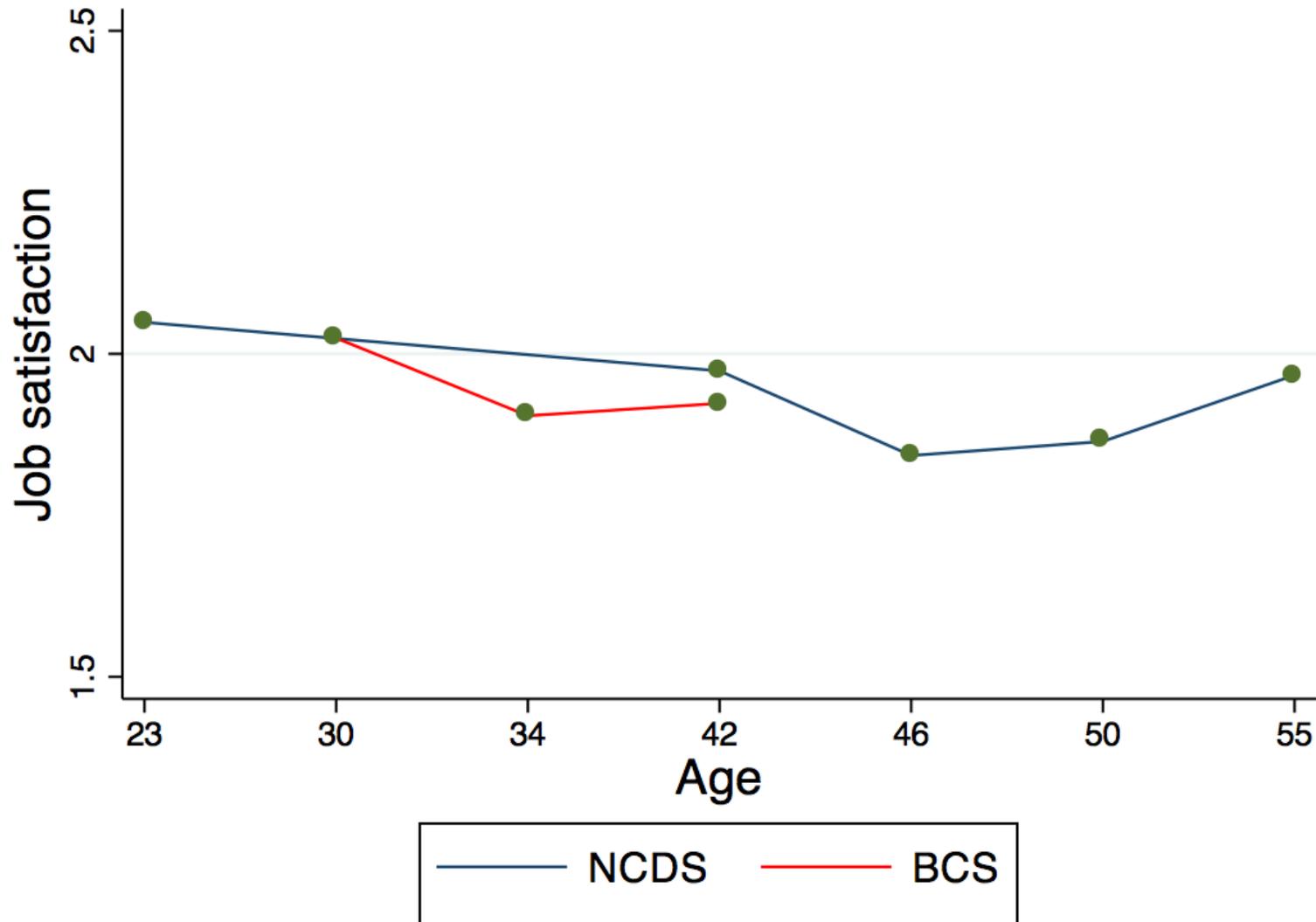
Number of children:
— no children — 1 - 3 children
— 4 or more children

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— no children — 1 - 3 children
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Life satisfaction over the life course: Comparing cohorts NCDS and BCS



Job satisfaction over the life course: Comparing cohorts NCDS and BCS



Types of variables on wellbeing

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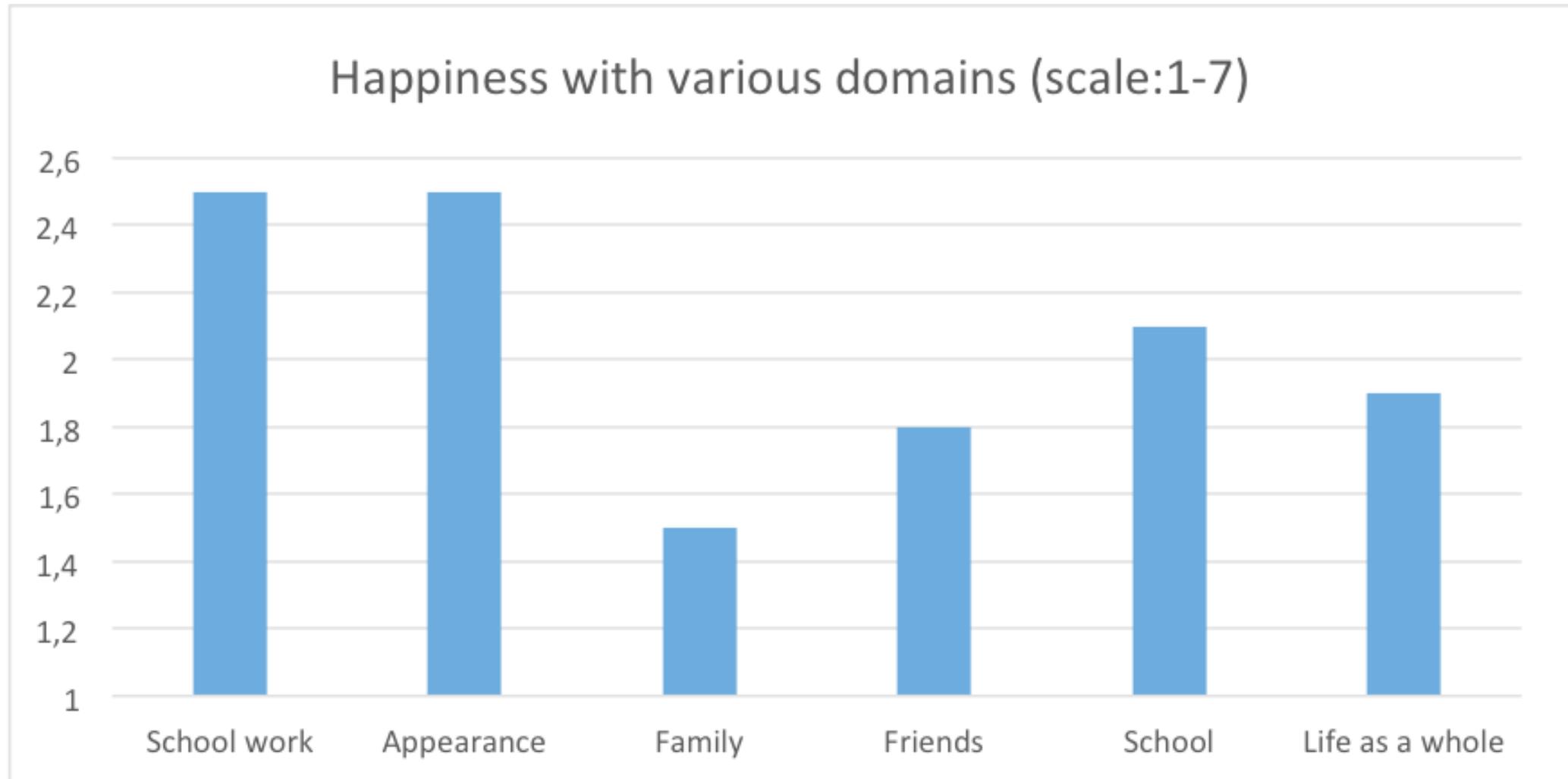
Types of variables on wellbeing

General wellbeing	Domain specific wellbeing
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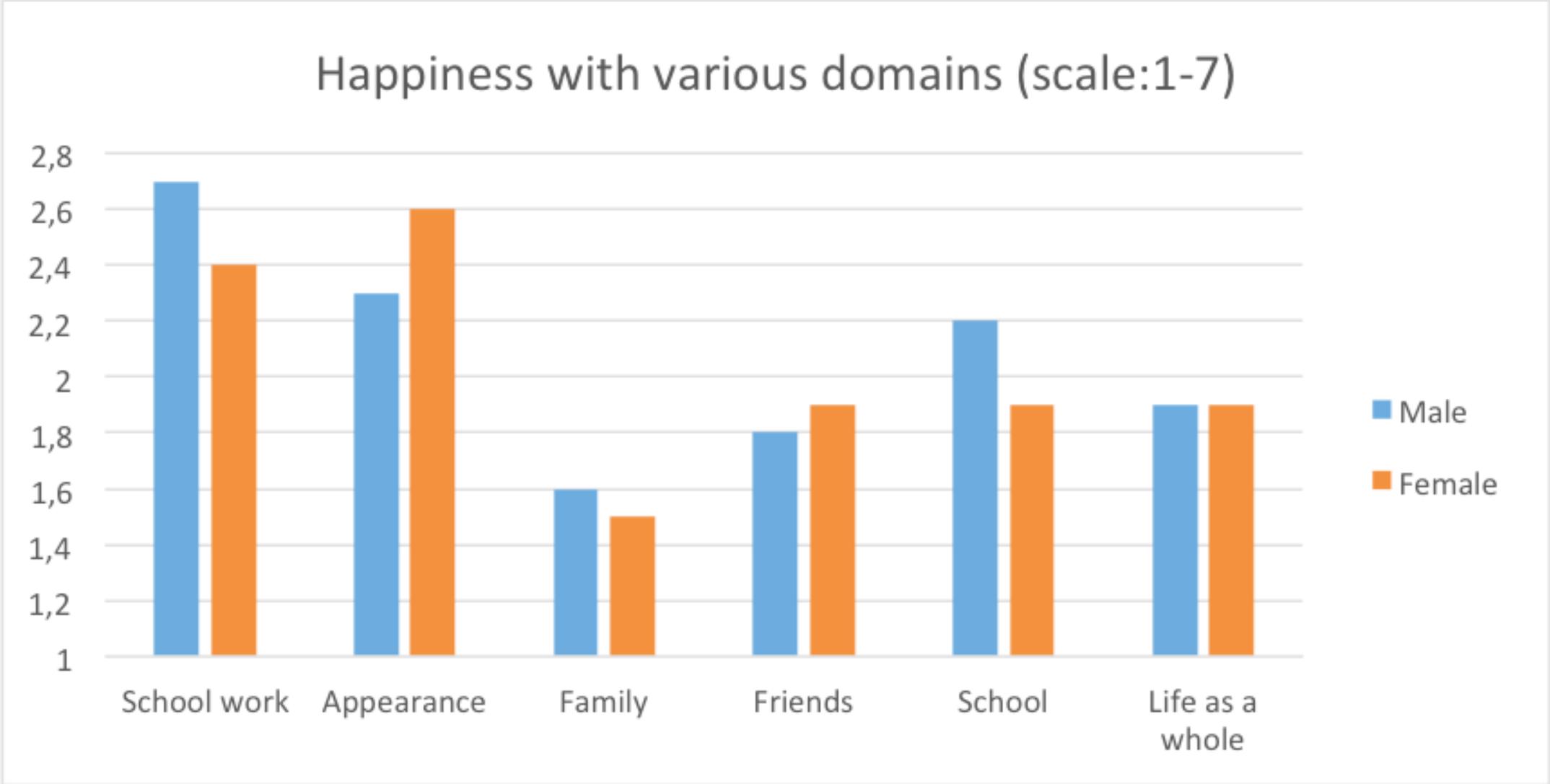
Happiness and wellbeing

- Developed for the youth service of the British Household Panel Study
- 6 areas of life: “How do you feel about ...”
school work / appearance / family / friends / school / life as a whole
- Measured in MCS at age 11 and 14

Happiness and wellbeing: MCS at age 11



Happiness and wellbeing: MCS at age 11



Types of variables on wellbeing

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Domain specific wellbeing

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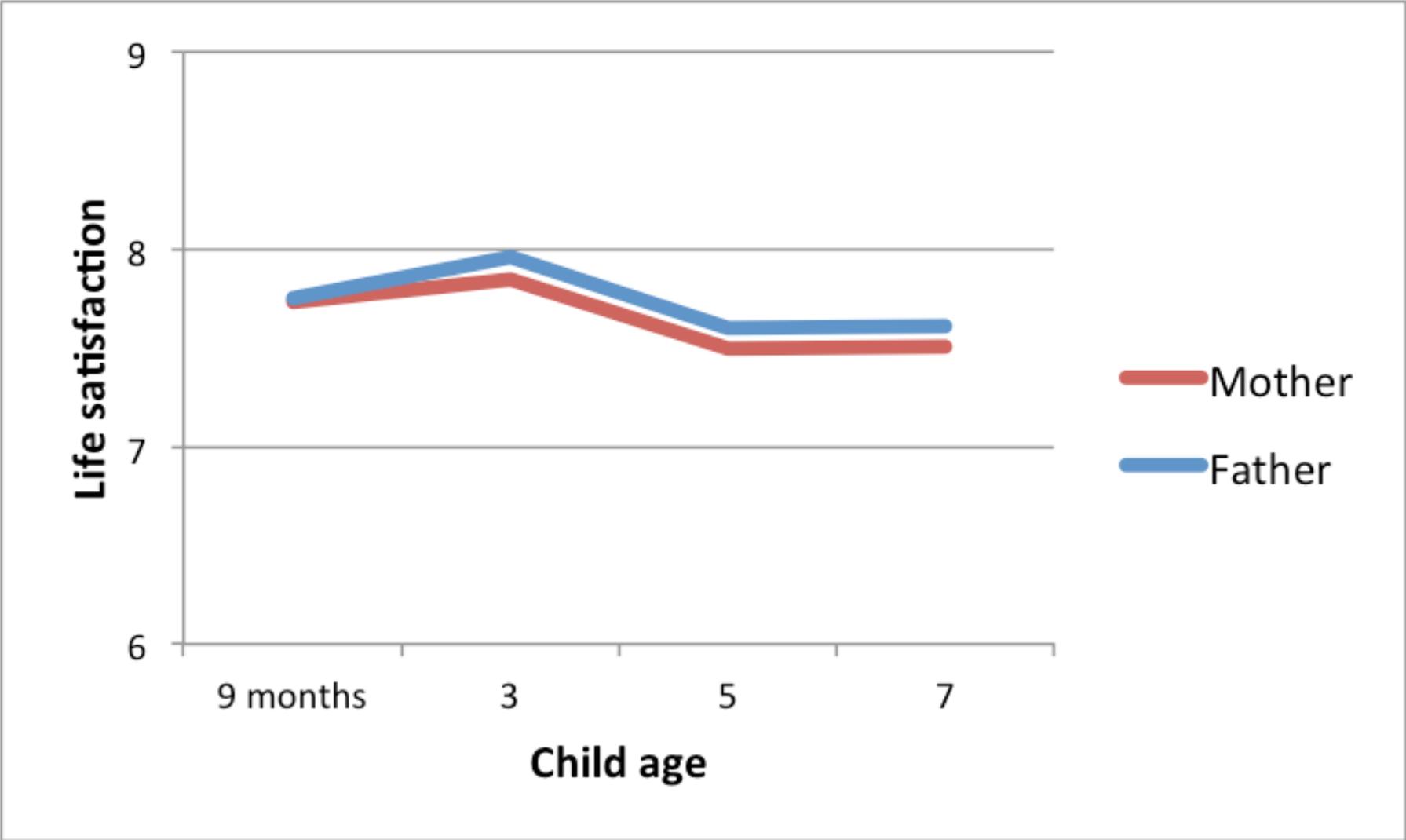
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For parents in MCS:
at all waves

Parent life satisfaction over the life course (MCS)



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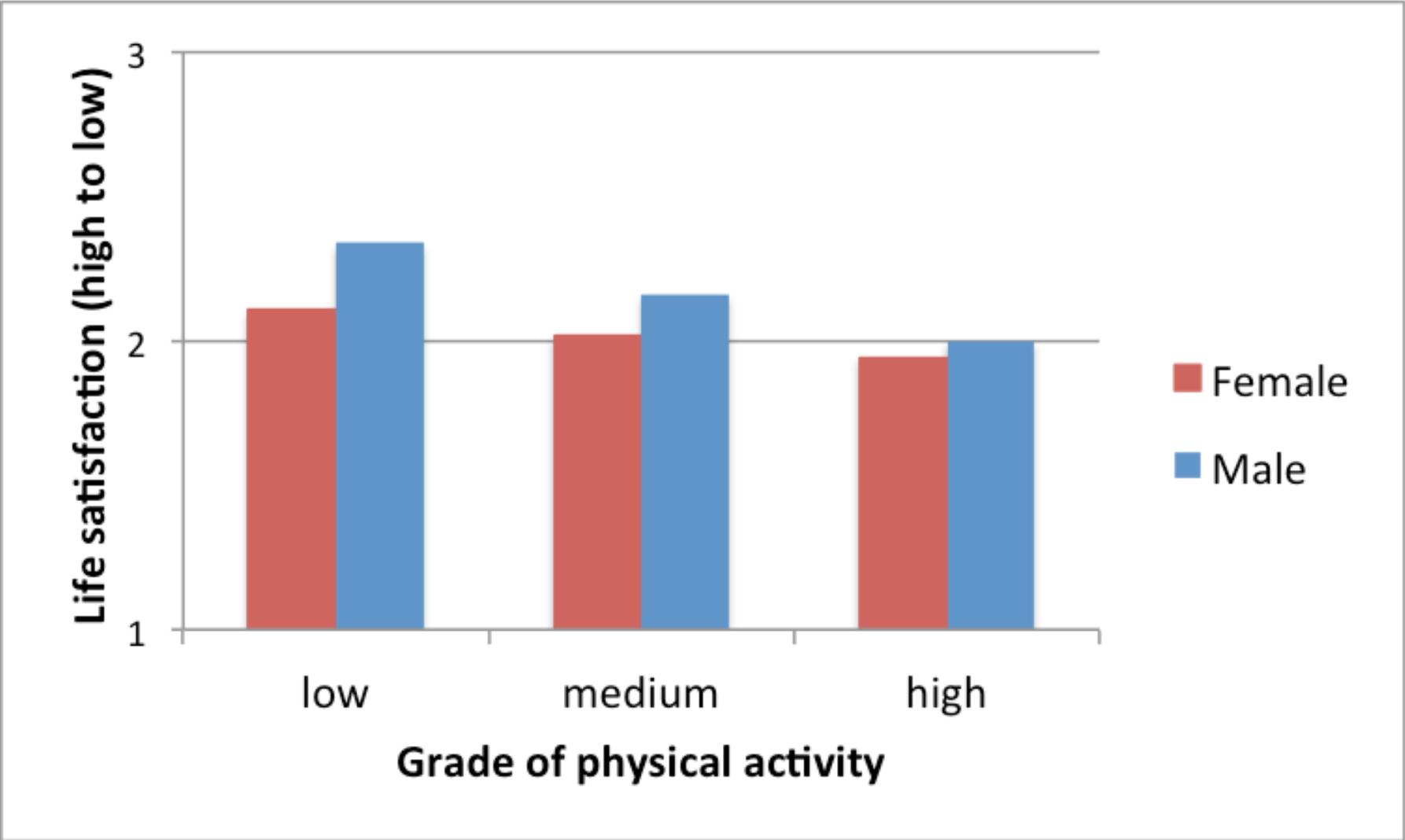
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Next steps at
19-20 years old

Life satisfaction by physical activity (Next steps 19-20)



CLS and other data freely available to researchers, government analysts and third sector

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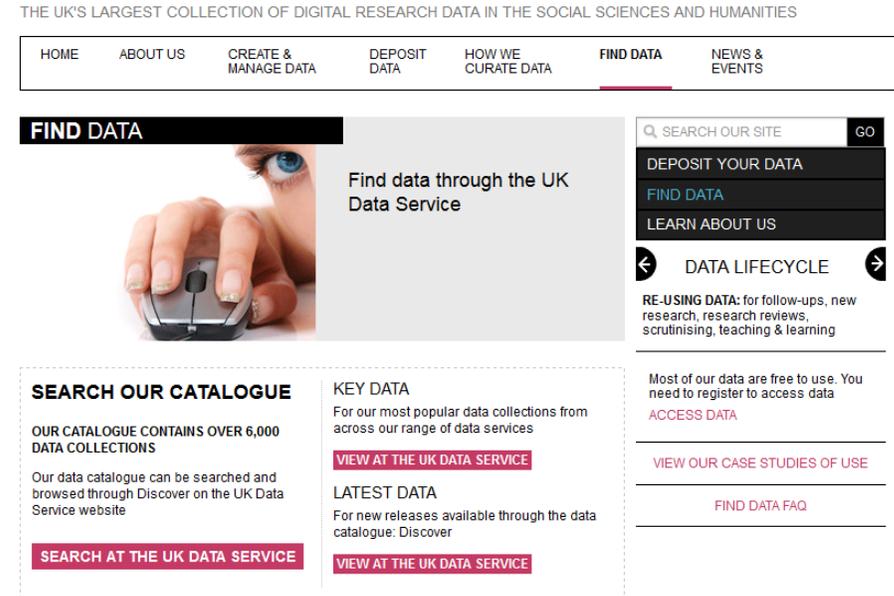
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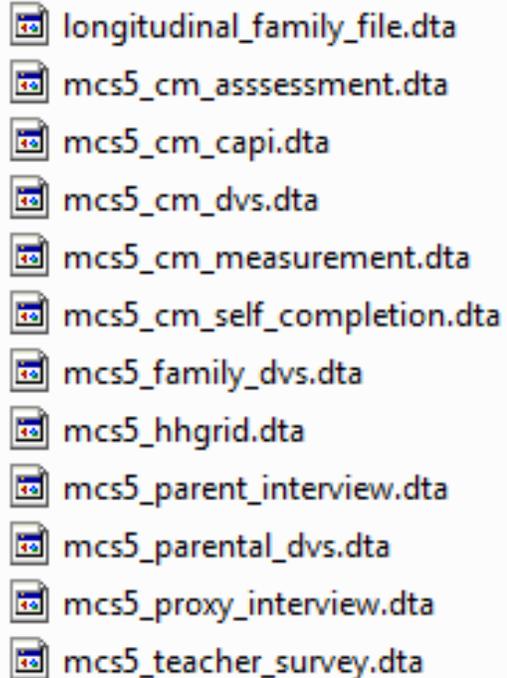
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mcs5_cm_measurement.dta
mcs5_cm_self_completion.dta
mcs5_family_dvs.dta
mcs5_hhgrid.dta
mcs5_parent_interview.dta
mcs5_parental_dvs.dta
mcs5_proxy_interview.dta
mcs5_teacher_survey.dta

- Data are available separately by Sweep (i.e. cross-sectional datasets)
- Per sweep multiple files are available: household grid, child self-completion, assessments, parent capi etc.
- Guidance on how to merge files is available in the guidance and supporting documentation

MCS Data and Documentation

- Data and Documentation for MCS1-MCS5 available from UK Data Service
www.ukdataservice.ac.uk
- Documentation available from CLS website
<http://www.cls.ioe.ac.uk/studies.asp?section=0001000200010015>
- Guides to Initial findings (MCS1/MCS2/MCS3/MCS4/MCS5) available from CLS website
<http://www.cls.ioe.ac.uk/studies.asp?section=0001000200010012>

All *known* publications based on CLS cohort studies are searchable in an online database:
www.cls.ioe.ac.uk/bibliography.

Bibliography

584 records found, page 1 of 30 **1** **2** **3** **4** **5** **6** **7** **8** NEXT

Search Year: from to Study: MCS

Author: Journal: Title/Abstract:

ALAVA, M.H., POPLI, G., HUMMEL, S. and CHILCOTT, J. (2011) *Economic outcomes of early years programmes and interventions designed to promote cognitive, social and emotional development among vulnerable children and families. Part 1: Econometric analysis of UK longitudinal data sets*. SCHAAR Report, April 2011. Sheffield: University of Sheffield.

ALBOR, C, UPHOFF, E.P, STAFFORD, M, BALLAS, D, WILKINSON, R.G and PICKETT, K.E. (2014) The effects of socioeconomic incongruity in the neighbourhood on social support, self-esteem and mental health in England. *Social Science & Medicine*, 111(June 2014), 1-9.

ANDERBERG, D, CHEVALIER, A and WADSWORTH, J. (2008) *Anatomy of a Health Score: Education, Income and the MMR Controversy in the UK*. IZA Discussion Paper No.3590. Bonn: Institute for the Study of Labour.

Thank you