



Longitudinal studies workshop

Access and resources

Professor Alison Park
Cardiff, 27 Nov 2017





Harmonisation

Facilitating comparisons within and across studies



Current harmonisation topics

- Height, weight and BMI
- Socio-economic status
- Use & collection of biological samples
- Measures of vision
- Childhood environment & adult wellbeing
- Methods for determining pubertal status
- Biomarkers
- Overcrowding and health

Future harmonisation topics

- Physical activity
- Mental health and wellbeing
- Dietary intake
- Cognitive measures

Harmonisation resources

Harmonised datasets & documentation

DATA ACCESS

- + [GN 33529 | CLOSER TRAINING DATASETS](#)
- [GN 33530 | CLOSER WORKPACKAGE 1: HARMONISED HEIGHT, WEIGHT AND BMI IN FIVE LONGITUDINAL COHORT STUDIES](#)

SN	Study Description	Access Online	Download / Order
8207	Harmonised Height, Weight and BMI in Five Longitudinal Cohort Studies: National Child Development Study, 1970 British Cohort Study and Millennium Cohort Study		
8209	Harmonised Height, Weight and BMI in Five Longitudinal Cohort Studies: MRC National Survey of Health and Development: Special Licence Access	-	
8208	Harmonised Height, Weight and BMI in Five Longitudinal Cohort Studies: Avon Longitudinal Study of Parents and Children: Special Licence Access	-	

Add these datasets to my order [GO](#)

Harmonisation resources

Harmonised
datasets &
documentation
**Resource
reports**

Resource report



A guide to the biomarker data in the CLOSER studies

A catalogue across cohort and longitudinal studies

Milagros Ruiz, Michaela Benzeval, Meena Kumari

July 2017



Harmonisation resources

Harmonised
datasets &
documentation

Resource
reports

Training events
& outputs

SEP
9
2015

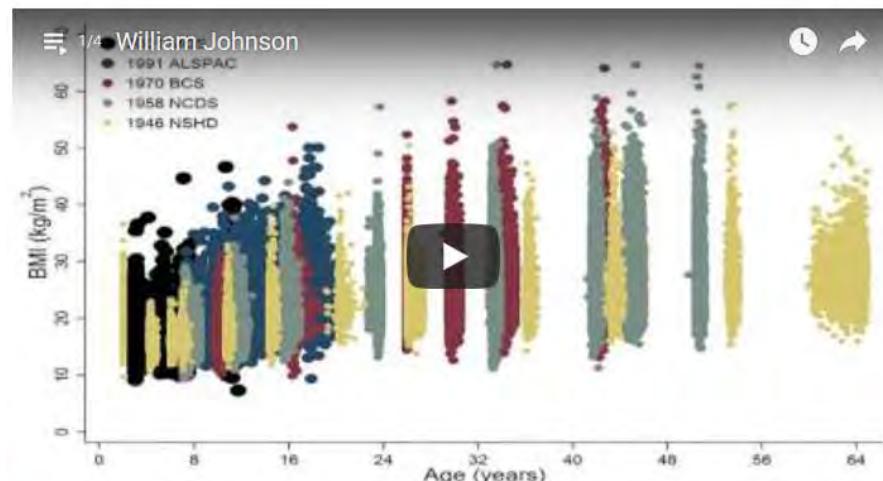
WORKSHOP

Cross-cohort research:
Opportunities, challenges
and examples

[Scoop.it](#) [ShareThis](#)

Senate House, London - 9th September 2015

The aim of this workshop was to provide an overview of the opportunities and challenges inherent in cross-cohort research, with a particular focus on data harmonisation.





Data linkage

Enhancing study data with administrative records

Current linkage topics

- Education and economic linkage
- Geographic data
- Understanding linkage to Hospital Episode Statistics
- Enabling data linkage in CLOSER studies

Future linkage topic

- Setting standards to maximise the scientific potential of primary care record linkage in longitudinal studies

Linkage resources

Longitudinal linkage of schools

urn	urn 2005	urn 2006	urn 2007	urn 2008	urn 2009	urn 2010	urn 2011	urn 2012	urn 2013
130388	126175	126175	130388	130388	130388	130388	130388	130388	130388
126175	126175	126175	130388	130388	130388	130388	130388	130388	130388
126341	126341	126341	130388	130388	130388	130388	130388	130388	130388
130391	-	130391	130391	130391	130391	130391	130391	130391	130391
130826	-	130826	130826	130826	130826	130826	130826	130826	130826
130854	-	130854	130854	130854	130854	130854	130854	130854	130854
130855	-	130855	130855	130855	130855	130855	130855	130855	130855
130856	100669	130856	130856	130856	130856	130856	130856	130856	130856
100670	100670	130856	130856	130856	130856	130856	130856	130856	130856
100669	100669	130856	130856	130856	130856	130856	130856	130856	130856
130857	-	130857	130857	130857	130857	130857	130857	130857	130857
125489	125489	125489	125489	125489	125489	130869	130869	130869	130869
130880	-	130880	130880	130880	130880	130880	130880	130880	130880
102877	102877	130899	130899	130					130899
102880	102880	130899	130899	130					130899
130899	102877	130899	130899	130					130899
114883	114883	130901	130901	130					130901
130901	114880	130901	130901	130					130901
114880	114880	130901	130901	130					130901
130902	-	130902	130902	130					130902
130904	-	130904	130904	130					130904
130907	-	130907	130907	130					130907
130908	111772	130908	130908	130					130908
111772	111772	130908	130908	130					130908
107462	107462	130909	130909	130					130909
130909	107462	130909	130909	130					130909
101150	101150	101150	130912	130					130912
130912	101150	101150	130912	130					130912
130913	-	130913	130913	130913	130913	130913	130913	130913	130913

Note: multiple rows per school, as linked forward and backward and include school mergers.
(Churchfields, the village school formed from Atworth Primary School and Monkton Farleigh & South Wraxall.)

Linkage resources

Longitudinal
linkage of schools

New geocoded
datasets

DATA ACCESS

- + [GN 33004 | NATIONAL CHILD DEVELOPMENT STUDY, 1958-](#)
- + [GN 33395 | NATIONAL CHILD DEVELOPMENT STUDY: SPECIAL LICENCE ACCESS](#)
- [GN 33497 | NATIONAL CHILD DEVELOPMENT STUDY, 1999-: SECURE ACCESS](#)

SN	Study Description	Access Online	Download / Order
7868	 National Child Development Study: Sweep 9, 2001 Census Boundaries, 2013-2014: Geographical Identifiers: Secure Access	-	
7869	 National Child Development Study: Sweep 9, 2011 Census Boundaries, 2013-2014: Geographical Identifiers: Secure Access	-	
7867	 National Child Development Study: Sweep 8, 2008-2009: Geographical Identifiers: Secure Access	-	
7866	 National Child Development Study: Sweep 7, 2004-2005: Geographical Identifiers: Secure Access	-	
7846	 National Child Development Study: Sweep 6, 1999-2000: Geographical Identifiers: Secure Access	-	
8221	 National Child Development Study: Sweep 5, 1991: Geographical Identifiers: Secure Access	-	
8220	 National Child Development Study: Sweep 4, 1981: Geographical Identifiers: Secure Access	-	
8218	 National Child Development Study: Sweep 3, 1971 Census Boundaries, 1974: Geographical Identifiers: Secure Access	-	
8219	 National Child Development Study: Sweep 3, 1981 Census Boundaries, 1974: Geographical Identifiers: Secure Access	-	

Add these datasets to my order

GO

Linkage resources

Longitudinal
linkage of schools

New geocoded
datasets

Resource reports

Resource report



A review of resources for geographical variables

Zhiqiang Feng and Chris Dibben

August 2013



Linkage resources

Longitudinal
linkage of schools

New geocoded
datasets

Resource reports

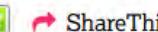
**Training events &
outputs**

[Home](#) > [Events & training](#) > [Previous events](#) > Geographical data in cohort and longitudinal studies



WORKSHOP

Geographical data in cohort
and longitudinal studies

Using linked geographical data in longitudinal studies opens up a multitude of new and exciting research opportunities. This session aims to explore what and how it can be used with longitudinal studies to explore innovative new avenues for research.

About the event

How do the characteristics of our local neighbourhoods effect our socioeconomic chances, health and wellbeing over the course of our lives? Answers to these questions can be found by linking geographical data – such as levels of local air pollution, quantity of green space, and crime rates – to survey data collected by longitudinal studies.

The first session of this workshop will explore what and how geographical data can be used with longitudinal studies to explore innovative new avenues for research.

Linkage resources

Longitudinal linkage of schools

New geocoded datasets

Resource reports

Training events & outputs

Linked cohort & HMRC earnings data



+ Demographics

+ Housing and local environment (Housing and environment)

+ Physical health

+ Mental health and mental processes

+ Mental disorders

+ Personality | Temperament

+ Wellbeing

+ Emotions

+ Cognitive function

+ Health care

+ Health services utilisation

+ Hospital admissions

+ Immunisations

+ Medications

+ Complementary therapies

+ Health insurance

+ Health behaviour (Health and lifestyle)

+ Family and social networks

+ Home life

+ Household composition

+ Marital status

+ Family members and relations

+ Friends

+ Childcare

+ Child welfare

Variables

Questions



141 to 160 of 171

Page 8

+ ECQ12X00

How many of your friends live in the same area as you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

+ ECQ13X00

How many of your friends go to a different school than you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

+ ECQ15X00

How many of your friends are from the same ethnic group as you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

+ ECQ16X00

How often do you argue or fall out with your friends?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

+ ECQ19X00

In the afternoon after school how often do you spend time with your friends?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

+ ECQ48X00

How many of your friends are going to the same secondary school as you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

+ DCSC0007

S4 CM How many friends do you have? (SCQ7)

Millennium Cohort Study / Age 7 Survey (2008) / MCS4 Child Paper Self-Completion Dataset /

+ DCSC0008

S4 CM Are your friends mostly boys,mostly girls or a mixture (SCQ8)

Millennium Cohort Study / Age 7 Survey (2008) / MCS4 Child Paper Self-Completion Dataset /

Demographics

Housing and local environment (1)

Physical health

Mental health and mental processes

Mental disorders

Personality | Temperament

Wellbeing

Emotions

Cognitive function

Health care

Health services utilisation

Hospital admissions

Immunisations

Medications

Complementary therapies

Health insurance

Health behaviour (Health and lifestyle)

Family and social networks

Home life

Household composition

Marital status

Family members and relations

Friends

Childcare

Child welfare

Filter



141 to 160 of 171

Page 8

Study

- Hertfordshire Cohort Study (0)
- National Survey of Health and Development (0)
- Avon Longitudinal Study of Parents and Children (94)
- 1970 British Cohort Study (50)
- Southampton Women's Survey (0)
- Millennium Cohort Study (14)
- National Child Development Study (4)
- Understanding Society (9)

Life Stage

- Pregnancy, birth and infancy (2)
- Early years (8)
- Childhood (1)

in the same area as you?

MOSS Child Paper Self-Completion Dataset /

o a different school than you?

MOSS Child Paper Self-Completion Dataset /

from the same ethnic group as you?

MOSS Child Paper Self-Completion Dataset /

out with your friends?

MOSS Child Paper Self-Completion Dataset /

Filter

How often do you spend time with your friends?

Millennium Cohort Study / Age 11 Survey (2012) / MOSS Child Paper Self-Completion Dataset /

+ ECQ48X00

How many of your friends are going to the same secondary school as you?

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ECQ12X00

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Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

ECQ13X00

How many of your friends go to a different school than you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

ECQ15X00

How many of your friends are from the same ethnic group as you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

ECQ16X00

How often do you argue or fall out with your friends?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

ECQ19X00

In the afternoon after school how often do you spend time with your friends?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

ECQ48X00

How many of your friends are going to the same secondary school as you?

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Child Paper Self-Completion Dataset /

DCSC0007

S4 CM How many friends do you have? (SCQ7)

Millennium Cohort Study / Age 7 Survey (2008) / MCS4 Child Paper Self-Completion Dataset /

DCSC0008

S4 CM Are your friends mostly boys,mostly girls or a mixture (SCQ8)

Millennium Cohort Study / Age 7 Survey (2008) / MCS4 Child Paper Self-Completion Dataset /

DCSC0009

S4 CM Do you have any best friends? (SCQ9)

Millennium Cohort Study / Age 7 Survey (2008) / MCS4 Child Paper Self-Completion Dataset /

DCSC0010

S4 CM How much do you like playing with your friends? (SCQ10)

Millennium Cohort Study / Age 7 Survey (2008) / MCS4 Child Paper Self-Completion Dataset /

EQ15

S5 TS CMs friends misbehaviour

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Teacher Survey Dataset /

EQ16

S5 TS CMs friends ability

Millennium Cohort Study / Age 11 Survey (2012) / MCS5 Teacher Survey Dataset /

Name ECQ12X00

Label How many of your friends live in the same area as you?

Dataset mcs5_sc

Value	Label	Frequency	
-8	No answer	427	<div style="width: 5%"></div>
-1	Not applicable	0	<div style="width: 0%"></div>
1	All of them	1194	<div style="width: 25%"></div>
2	Most of them	5177	<div style="width: 100%"></div>
3	Some of them	5315	<div style="width: 100%"></div>
4	None of them	1317	<div style="width: 25%"></div>
5	Don't have any friends	39	<div style="width: 0%"></div>

Valid	Invalid	Min	Max	Mean
13042	427	1	5	2.53



Promoting excellence in
longitudinal research

This is your active list.

Download

This list contains 7 items.

Download PDF

Download DDI 3.2

Manage Lists

Rename

Remove

Questions (7)



qi_A20

A20

Have you been bullied?<

[Avon Longitudinal Study of Parents and Children](#) / [ALSPAC Childhood \(5 years to 12 years 11 months\)](#) / [Me and My School](#)



qi_D16

D16

This child: Is picked on or bullied by other children?<

[Avon Longitudinal Study of Parents and Children](#) / [ALSPAC Childhood \(5 years to 12 years 11 months\)](#)
/ [Child's Behaviour and Abilities](#)



qi_36

36

How often do other children bully you?<

[Millennium Cohort Study](#) / [Age 7 Survey \(2008\)](#) / [Cohort Member Paper Self Completion](#)



qi_G6

G6

In the last 12 months, has anyone bullied you in a way that frightened or upset you? Please include

Questions?

Thank you

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@parkali

@CLOSER_UK

closer.ac.uk

closer.ac.uk/learning

closer.ac.uk/discovery

