Longitudinal studies workshop
Access and resources
Professor Alison Park
Cardiff, 27 Nov 2017
Harmonisation
Facilitating comparisons within and across studies

Image: Kurndakar Rayker, CC (flickr)
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

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Harmonisation resources

Harmonised datasets & documentation

Resource reports

A guide to the biomarker data in the CLOSER studies

A catalogue across cohort and longitudinal studies

Millagros Ruiz, Michaela Benzeval, Meena Kumari

July 2017
Harmonisation resources

Harmonised datasets & documentation

Resource reports

Training events & outputs

WORKSHOP

Cross-cohort research: Opportunities, challenges and examples

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

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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
Linkage resources

Longitudinal linkage of schools
New geocoded datasets
Resource reports

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

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

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

- How many of your friends live in the same area as you?
- How many of your friends go to a different school than you?
- How many of your friends are from the same ethnic group as you?
- How often do you argue or fall out with your friends?
- In the afternoon after school how often do you spend time with your friends?
- How many of your friends are going to the same secondary school as you?
- How many friends do you have? (SCQ7)
- Are your friends mostly boys, mostly girls or a mixture (SCQ8)?
In the same area as you?
MCSS Child Paper Self-Completion Dataset

Do a different school than you?
MCSS Child Paper Self-Completion Dataset

From the same ethnic group as you?
MCSS Child Paper Self-Completion Dataset

Out with your friends?
MCSS Child Paper Self-Completion Dataset

How often do you spend time with your friends?
Millennium Cohort Study / Age 11 Survey (2012) / MCSS 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) / MCSS Child Paper Self-Completion Dataset

DCSC0007
S4 CM How many friends do you have? (SCQ7)
Millennium Cohort Study / Age 7 Survey (2008) / MCSC 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) / MCSC Child Paper Self-Completion Dataset
**ECQ12X00**
How many of your friends live in the same area as you?

**ECQ13X00**
How many of your friends go to a different school than you?

**ECQ15X00**
How many of your friends are from the same ethnic group as you?

**ECQ16X00**
How often do you argue or fall out with your friends?

**ECQ19X00**
In the afternoon after school how often do you spend time with your friends?

**ECQ48X00**
How many of your friends are going to the same secondary school as you?

**DCSC0007**
S4 CM How many friends do you have? (SCQ7)

**DCSC0008**
S4 CM Are your friends mostly boys, mostly girls or a mixture (SCQ8)

**DCSC0009**
S4 CM Do you have any best friends? (SCQ9)

**DCSC0010**
S4 CM How much do you like playing with your friends? (SCQ10)

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This list contains 7 items.

**Download**

- Download PDF
- Download DDI 3.2

**Manage Lists**

- Rename
- Remove

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**Questions (7)**

1. **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

2. **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

3. **qi_36**
   - 36
   - How often do other children bully you?<
     - Millennium Cohort Study
     - Age 7 Survey (2009)
     - Cohort Member Paper Self Completion

4. **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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@CLOSER_UK

closer.ac.uk
closer.ac.uk/learning
closer.ac.uk/discovery