Data Harmonisation Work Packages

Completed

Body Size & Body Composition Measures
Aim: Harmonise longitudinal height, weight, and BMI data across British birth cohorts

Studies: ALSPAC, BCS70, NCDS, NSHD, MCS

Socioeconomic Position & Qualifications
Aim: Harmonise childhood and adult social class and educational data across British birth cohorts

Studies: ALSPAC, BCS70, NCDS, NSHD, MCS

Exploitation Strategies for Biological Sample Collections
Aim: Develop strategies for harmonising existing and future biological sample collections across and beyond the CLOSER studies

Studies: ALSPAC, HCS, NCDS, NSHD, SWS, UKHLS

Measures of Senses & Behaviours
Aim: Harmonise self-reported and bio-physical measures of visual function and ophthalmic disorders across British birth cohorts

Studies: ALSPAC, BCS70, NCDS, NSHD

Childhood Environment & Adult Mental Wellbeing
Aim: Use harmonised data to test prospective associations between socio-economic position during childhood and mental wellbeing later in life

Studies: BCS70, NCDS, NSHD

Methods for Determining Pubertal Status
Aim: Identify which measures of pubertal status are used in existing research, and evaluate the validity and acceptability of these assessment approaches

Studies: Online bibliographic databases

Biomarker Data
Aim: Catalogue the biomarker data collected by the CLOSER studies, with specific focus on markers used in the construction of allostatic load

Studies: ALSPAC, HCS, NCDS, NSHD, SWS, UKHLS

Overcrowding & Health
Aim: Harmonise data on overcrowding in housing, a proxy measure of material deprivation, across the CLOSER studies

Studies: BCS70, NCDS, NSHD, MCS, UKHLS

Forthcoming
Note: Datasets yet to be confirmed

Earnings & Income Data
Aim: Harmonise measures of earning and income in British birth cohorts

Publication Metadata Augmentation
Aim: Build a generalised open source tool that can generate a bibliographic dataset and analytics for a study's published outputs

Physical Activity Measures
Aim: Harmonise physical activity measures in selected cohort studies and use to examine socioeconomic differentials in activity

Mental Health & Wellbeing Measure Usage
Aim: Survey and document the mental health and wellbeing measures used across UK longitudinal studies to promote their use

Dietary Data
Aim: Scope existing dietary data available in CLOSER partner studies to support cross-cohort research questions

DNA Methylation
Aim: Synthesize a life course methylome by harmonizing and analyzing DNA methylation data from UK cohort studies

Cognitive Measures
Aim: Assess and harmonise cognitive measures used in British birth cohort studies

Mental Health Measures
Aim: Harmonise mental health measures in British cohort studies, both across the lifecourse and across the studies