Weighting

Analysis should take into account:

i. stratification and clustering sample design features – otherwise standard errors will likely be underestimated and resulting significance tests invalid
   - **Stratification variable**
     9 different strata - stratum variable is `pttype2`
   - **Clustering variable**
     398 wards were the primary sampling unit - ward variable is `sptn00`

ii. attrition and non-response

---

Weighting example  mcs_longitudinal_family_file

Example using variables from MCS7:
svyset sptn00 [pweight=govwt2], strata(pttype2) fpc(nh2)

- sptn00: Electoral ward ID
- govwt2: overall weight (= sampling weight x attrition weight) in MCS7 for whole of UK analysis
  - or govwt1: overall weight if single country i.e. only Scotland data used
- pttype2: Stratum ID
- nh2: finite population coefficient

Other data

- 3 COVID-19 online surveys
  - Wave 1 data at UKDS (May)
  - Wave 2 data ~ end of the year (Sept/Oct)
  - Wave 3 fieldwork ~ early 2021

- Genetic data available (webinar early 2021)

- Linked administrative data (webinar early 2021)
  
  Available
  - GCSEs England, Welsh education & health, NHS Scotland
  
  In progress:
  - KS5 A’levels
  - Police National Computer (PNC)
  - Hospital Episodes Statistics (HES)
What’s next in the study?

- MCS8: Planning for age 22, subject to funding
- Scientific consultation in early 2021!
MCS and other data freely available to researchers, government analysts and third sector
Find out more about MCS at cls.ucl.ac.uk

MCS sweeps

We have completed seven MCS sweeps to date. The most recent sweep was when cohort members were 17 years old. Click on a sweep below to learn more about the information collected.

<table>
<thead>
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<td>5</td>
<td>7</td>
<td>11</td>
<td>14</td>
<td>17</td>
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</table>

COVID-19 survey and data

Data from Wave 1 of our survey of five national longitudinal cohort studies, including MCS, are now available. Data from Wave 2 will be available later this year. Find out about the topics covered, response and how to access the data.

Each study page features information on:

- Study sweeps
- Sub-studies
- Latest news
- Recent publications
- Study features
- Popular documentation
- Data access
- Principal Investigator
Thank you
Any questions?