The Catalogue of Mental Health Measures: Discovering the depths of mental health data in UK longitudinal studies

@L_Arseneault @briddycent
#CatalogueMHM

Association of Child & Adolescent Mental Health
9th February 2022
Project aims

Create a hub with information about already collected data on mental health & wellbeing in UK longitudinal & cohort studies

Encourage the use of mental health measures in UK cohorts, especially for disciplines outside the field of mental health and among early career researchers

Promote projects on harmonization and work across cohorts
The work described in this presentation was funded by CLOSER, the home of longitudinal research. CLOSER is funded by the ESRC grant reference: ES/K000357/1. www.closer.ac.uk

This work was undertaken as part of Louise Arseneault’s role as the ESRC Mental Health Leadership Fellow.

The Catalogue is supported by the MRC through Datamind, an HDR UK Data Hub.
Inclusion Criteria

- Multiple waves of data collection
- Contains mental health measures
- At least 200 participants at first sweep
- Data collected from British context
- Study is ongoing

Total of 51 studies identified
THANK YOU!
to all of the studies included so far
Mental health topics

Included

- Indicators of mental health problems
- Impairment or difficulties resulting from mental health problems
- Treatment, service use & help-seeking
- Measures of psychological wellbeing

Excluded

- Cognitive measures
- Personality and temperament measures
- Risk factors for mental health problems
Mental health & wellbeing topics

- ADHD
- Alcohol use disorders
- Alexithymia
- Antisocial Personality Disorder
- Childhood antisocial behaviour
- Anxiety
- Phobias & social anxiety
- Autism
- Bipolar disorder and mania
- Borderline Personality Disorder
- Childhood emotional
- Childhood behavioural problems
- Conduct disorder
- Depression
Mental health & wellbeing topics

- Eating disorders
- Gambling disorder
- Help-seeking behaviour
- Impairment & disability associated with mental health problems
- Personality disorders
- Post-traumatic stress disorder
- Psychological distress
- Psychological well-being
- Psychopathy & callous-unemotional traits
- Schizophrenia & psychosis
- Self-harm & suicide
- Substance use disorders
- Tobacco use & smoking
- Treatment and service use
Step by step....

1. Look up studies online and check key papers
2. Collect & organise information about measures
3. Review in our group
4. Contact the study team
5. Add study to the Catalogue with our web developer
Have reviewed 100% of identified studies

Over 3000 mental health measures from over 300 waves of data collection

Depression, alcohol use, antisocial behaviour and psychological wellbeing measured most often
What the Catalogue does:

- Provides a search engine for mental health and wellbeing measures in UK cohort and longitudinal studies
- Presents detailed information about the measures, including items, response scales, informants and reporting period
- Highlights statistical properties of standard measures of mental health and wellbeing
- Points to data access policies for each study
- Signposts resources for conducting longitudinal mental health research, including courses and online training
What the Catalogue doesn’t do:

✗ Provide access to data

✗ Include appraisal of measures’ suitability for particular projects

✗ Include information on factors related to mental health, such as:
  ✗ Cognition, neurocognitive disorders, learning difficulties or learning disabilities
  ✗ Personality and temperament
  ✗ Risk factors for mental health problems

✗ Cover trials or experimental research

✗ Provide research training
The Catalogue & COVID-19

52% of studies on the Catalogue are collecting new data during the pandemic.

The Catalogue provides detailed information about 50 new data collection events across 21 cohorts.
Collected eating disorder measures
Useful for studying education
Uses a twin study design
Established after 2000
Collected measures of ADHD
Useful for studying education
Suited to studying ethnicity and race
Participants recruited before they were 5 years old
NEXT STEPS

- Add new resources to support researchers to use data and measures effectively
- Add international cohorts, clinical cohorts
- Broaden scope to more wellbeing measures, personality & temperament
GET IN TOUCH!

louise.arseneault@kcl.ac.uk
@L_Arseneault

bridget.bryan@kcl.ac.uk
@briddycotent