

## ESRC and non-medical data for health – how to make it work

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## The ESRC's Administrative Data Research Network – ADRC-S



## Research the major Scottish administrative datasets

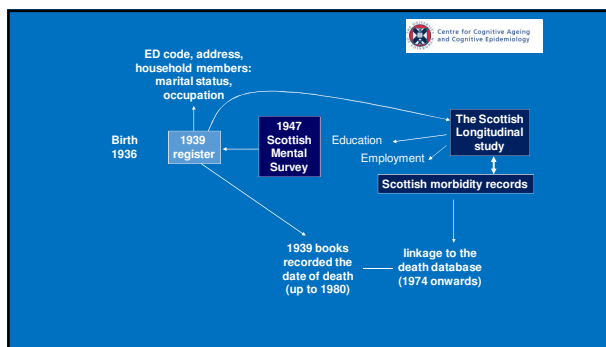
- Schools, colleges and universities
- The criminal and justice system
- Social work services
- Social welfare
- Housing system
- Transport system
- Health system
- Historical administrative data

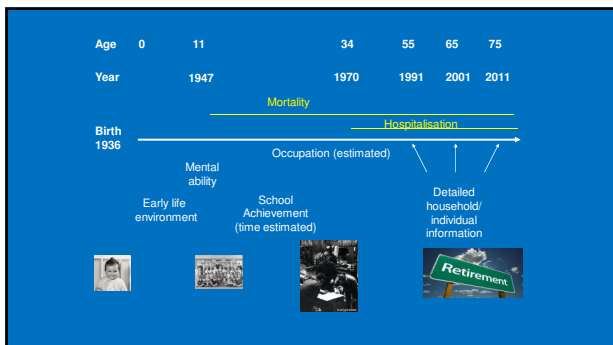
## IS Methodological research

- NLP
- Machine learning
- Linkage, matching, multiple entity resolution
- Deriving geographical information from historical maps, documents



- Linking to existing panel studies – example of the Scottish Longitudinal study





**digitising SCOTLAND** Linking Scottish vital events records back through time to produce the understanding Scotland's people

- Will involve the construction of a multidisciplinary research database containing information on some 18 million individuals.
- It will be a multi-generational, lifecourse dataset, showing familial relationships and containing health (cause of death), fertility, socio-economic (occupation) and geographical data for the whole of Scotland from 1855 to the present day.

