



Spring into Longitudinal Data Analysis 11-13 April 2018

Venue: Practice Suite 1.16, Chrystal MacMillan Building, University of Edinburgh, 15a George Square, Edinburgh, EH8 9LD

Course details

Many research questions in the social sciences, arts and humanities can be more adequately addressed using data with a time-dimension. In the UK there are an increasing number of datasets with a time-dimension, which are termed longitudinal datasets. There are an increasing number of both administrative longitudinal data resources and longitudinal social survey datasets (e.g. the birth cohorts and household panel studies) that can be used for research.

Course Summary

The overall aim of the course is to provide doctoral students in arts, humanities and social sciences with a fast-track introduction to longitudinal data and quantitative (i.e. statistically orientated) techniques for data analysis. The overall objective is to enable the student to understand the opportunities that longitudinal administrative and survey datasets offer for research in the arts, humanities and social science.

(Re)-Introduction to Statistically Orientated Data Analysis

Wednesday 11th April, 1:30 pm - 4:30 pm

Time	Session
13:30	Session 1
14:30	Tea break
15:00	Session 2
16:30	End

Spring into Longitudinal Data

Thursday 12th April, 9:30 am - 4:30 pm

Time	Session
09:30	Introduction to Longitudinal Data
10:30	Tea break
11:00	The Research Value of Longitudinal Data
12:00	Short break
12:15	Group Exercise
13:00	Lunch
14:00	Groups Report Back
14:40	Research Example: Scottish Longitudinal Study
15:15	Tea break
15:30	The Workflow
16:30	End

Friday 13th April, 9:30 am - 4:30 pm

Time	Session
09:30	Analysing Repeated Cross-Sectional; Analysing Duration Data
10:30	Tea break
11:00	Analysing Panel Data
12:00	Short break
12:15	Research Example: British Household Panel Survey
13:00	Lunch
14:00	Where do I go next?
15:15	Tea break
15:30	Questions and Answers
16:30	End