



The Department of
POLITICS and
**INTERNATIONAL
RELATIONS**

THE OXFORD SPRING SCHOOL IN QUANTITATIVE METHODS FOR
SOCIAL RESEARCH IN ASSOCIATION WITH THE
EQUALSOC NETWORK OF EXCELLENCE

GENERALIZED LINEAR, LATENT AND MIXED MODELS

TAUGHT BY ANDREW PICKLES (MANCHESTER)

23-24 JUNE 2010

PROGRAMME

All teaching sessions will take place in the Manor Road Building. The Lecture Theatre and the Common Room are located on the First Floor, and the IT Room is on the Second Floor

Please register in the lobby of the Manor Road Building 30 minutes before the start of the first course you are attending

Day 1 GLLAMM framework & longitudinal data

Morning Session

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|-------------|--|
| 09:30-11:00 | Lecture Room: GLLAMM framework & random intercept multilevel models |
| 11:00-11:15 | <i>Coffee break (Common Room)</i> |
| 11:15-12:45 | Lecture Room: Fixed effects, random effects, analysis of covariance and the unified longitudinal model |
| 12:45-14:00 | <i>Lunch (Common Room)</i> |

Afternoon Session

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| 14:00-15:30 | IT Room: Examples |
| 15:30-15:45 | <i>Tea break (Common Room)</i> |
| 15:45-17:15 | Lecture Room: Random coefficients and growth curve models |

Day 2 Measurement, trajectory and causal models

Morning Session

09:30-11:00	Lecture Room: Factor and IRT models
11:00-11:15	<i>Coffee break (Common Room)</i>
11:15-12:45	Lecture Room: Latent Class & trajectory models
12:45-14:00	Lunch (Common Room)

Afternoon Session

14:00-15:30	IT Room: Examples
15:30-15:45	<i>Tea break (Common Room)</i>
15:45-17:15	Lecture Room: Causal analysis, instrumental variables and non-response models

NB: The Manor Road Building is open until 7pm Monday-Friday.

<http://springschool.politics.ox.ac.uk/>