COURSE DETAIL

MULTI-LEVEL MODELLING IN SOCIAL SCIENCE
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 150
UCEAP Course Suffix
UCEAP Official Title MULTI-LEVEL MODELLING IN SOCIAL SCIENCE
UCEAP Transcript Title MULTI-LEVEL MODEL
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

The course enables students to understand and use multilevel models mainly in the context of social science, but examples are also given from medicine and some aspects of biological science. The focus is on multilevel models for quantitative, binary, and multinomial outcomes, with further sessions on models for ordinal and count outcomes. The importance of multilevel modelling for longitudinal data is explained. Analysis is conducted using the Noteable service and the R Stan statistical modelling package, which is free to all users.

Language(s) of Instruction
English

Host Institution Course Number
SSPS10024

Host Institution Course Title
MULTI-LEVEL MODELLING IN SOCIAL SCIENCE

Host Institution Course Details
http://www.drps.ed.ac.uk/23-24/dpt/cxssps10024.htm

Host Institution Campus

Host Institution Faculty
School of Social and Political Science

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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