Research Design
Department of Sociology
Oxford University

Hilary Term 2019
Manor Road Building
Seminar Room G

Wednesday 10.00-13.00

Week 1. All to attend at 10.00

Thereafter

10.00-11.00 Q & A All attend.
11.00-12.00 Seminar Group A Family name A to G.
12.00-13.00 Seminar Group B Family name H to Z.

Web Site: http://users.ox.ac.uk/~sfos0015/

Staff responsible: Colin Mills: colin.mills@sociology.ox.ac.uk

RUBRIC

The course is concerned with the nature of empirical investigation in the social sciences. It deals with the question of how we establish systematic knowledge about the social world. There are two principle topics: causation and measurement. In each part of the course we will consider examples of empirical studies that illuminate aspects of the subject under discussion.

SYLLABUS

The research process; aims of enquiry; relationship between research and theory; falsifiability; testable propositions; causality; experimental and non-experimental research designs; longitudinal studies; cross-sectional studies; measurement; validity and reliability; scale and index construction.

COURSEWORK

One piece of formative assessment to be submitted by Monday of Week 6 HT.

ASSESSMENT


LECTURE SLIDES

All lecture slides will be available from my website.
TEXTBOOKS

There is no single textbook that covers all the material and the course does not “follow” a textbook. For a general systematic overview the following might be useful:


TWO BOOKS

There are 2 books you should read from cover to cover..


If you are at all serious about social science you will want these as reference books for you will find yourself coming back to them time and time again. If you can put your hand on your heart and swear that you are on top of everything contained in these books then I don’t have much to teach you and you are excused!

ADVICE

It’s easy not to get much out of this course. Just watch the lectures, file away copies of the slides and do the absolute minimum of reading. Never think about the issues raised nor relate them to material in other courses. Write your dissertation as though you never heard about the material and never talk to your colleagues about the issues involved. Sit silently in the seminars and wait passively for enlightenment. That should do the trick. Also good is to assume that you know it all already: that creates a pretty effective block on learning.

COURSE DELIVERY

This year, apart from Week 1, I won’t give a conventional lecture on Wednesday morning. The lecture content will be delivered through the video lectures posted on my You Tube channel. You can link to it through my homepage [http://users.ox.ac.uk/~sfos0015/](http://users.ox.ac.uk/~sfos0015/). There will be a total of 6 video lectures, corresponding to weeks, 2, 3, 4, 6, 7 and 8. There is no lecture for the session in week 5. I’ll endeavor to have the video lectures posted at least seven days before the corresponding session.

Students are allocated to seminar groups by the first letter of their family name. Please come to the seminar you are allocated to. You may however change groups by mutual agreement i.e. unilateral changes are not allowed but if somebody agrees to swap with you, that is OK.

Each week you need to attempt the following, in order of importance:

1. Watch the lecture.
2. Do the seminar reading (there is no seminar reading for weeks 1 & 8).
3. By 10.00 am on the Tuesday before the sessions in weeks 2, 3, 4, 6, 7 & 8 send me at least one question or comment about something in the lecture you want clarified, disagree with or want us to discuss further. Questions can be succinct. There is no need to write more than a few sentences. It is compulsory to send me a question/comment. Consider it your entry ticket to the seminar. If you don’t send me a question for a particular seminar you should feel ashamed to attend.

In the first hour of each session I will try to answer your questions and respond to your comments. This will not be and is not meant to be a traditional lecture. The content will be driven by your concerns & by the quality of the questions you ask. Obviously in 50 minutes I might not be able to deal with all questions/comments in which case I will focus on those that would seem to promise the most benefit to most students.

Following the Q&A there will be two 50 minute seminars. Students are allocated to seminar groups by the first letter of their family name. Unless you have explicit permission from me please come to the seminar you are allocated to. You may however change groups by mutual agreement i.e. unilateral changes are not allowed but if somebody agrees to swap with you, that is OK. The seminars will typically consist of a mixture of small ‘break-out group’ discussion and plenary group discussion.

Reading

**Lecture 1. Doing Social Science**


**Week 2 Lecture 2 Causality 1**

Lecture Reading


Seminar Reading

Is it useful to think of the randomized controlled trial as a “gold standard” for the discovery of causal effects?


Week 3 Lecture 3 Causality 2

Lecture Reading


Morgan & Winship (2007) op cit., Chs. 1, 2, 3.


Seminar Reading

Sherman and Berk (1984) draw the reader’s attention to a number of threats to the internal and external validity of their field experiment. What are they and how seriousness are the threats they pose to the integrity of the causal inferences that may be drawn from the study.

Are there any obvious (inexpensive) ways in which Sherman and Berk’s research design might be improved?

Week 4 Lecture 4  

Causality 3

Lecture Reading

Morgan & Winship (2007) op cit., Ch. 3.


Seminar Reading

Imagine (suspend your disbelief) that you have been asked to advise a senior Ministry of Justice official on the case for introducing transitional payments to ex-offenders. In particular you have been asked to read the following four articles:


The official you are liaising with confesses that he is bewildered by the content of these articles. Well qualified academic experts appear to disagree about what the results of an experimental study on recidivism show. Your task is, on the basis of the evidence of these four articles alone, to clarify the differences between the two sides of the debate and answers the question: does paying ex-offenders a transitional allowance reduce their probability of reoffending?

For the purposes of this exercise you can ignore the American context of the articles. You should concentrate only on the main intellectual issues at stake. For example whether there are 3 or 4 experimental conditions is not a major intellectual difference between the two sides. In the course of reaching your conclusion you will have to have to have a clear understanding of why the two sides seem to reach very different conclusions. Would a DAG help?

Week 5  

No Lecture
In the 10.00-10.50 Q&A session I’ll talk about the formative assessment that you should hand in at the beginning of week 6. Obviously it would be a grave mistake not to have worked on the assignment before this, but the session may save you from some catastrophic errors and put to rest some uncertainties.

Seminar Reading  Causality Roundup

Can a convincing case be made for the aspiration to discover the causes of effects? If not, why not? If so, what is that case?


S. Lieberson (1991) ‘Small N’s and Big Conclusions: An Examination of the Reasoning in Comparative Studies Based on a Small Number of Cases’, Social Forces, 70, 2, 307-320


Lecture 6.  Measurement 1

Lecture Reading


Seminar Reading

Is it possible to make meaningful comparisons of subjective phenomena?

Lecture 7    Measurement 2

Lecture Reading


Seminar Reading

Come to class prepared to discuss the methodological strengths and weaknesses of the empirical work reported in either:


or


Lecture 8.    Measurement 3

Lecture Reading


Converse, J. M. and S. Presser. (1986) Survey Questions: Handcrafting the standardized questionnaire


**Seminar**

No Reading

Feedback on mid-term paper and briefing for summative assessment.