Research Seminar in Health Econometrics (HEDG Seminars)

**Module no:** ECO00038M  
**Credits:** 10 credits  
**Term:** 2

**Module coordinator:** Professor A Jones

**Pre-requisites:** Econometric Methods for Research (2080048), Econometrics (2080003), Applied Microeconometrics (2080026) or equivalent. Candidates must be pursuing a thesis topic in an appropriate area of research (as judged by the module coordinator).

**Duration:** Meetings held weekly during Spring term

**Contact hours:** 18 hours.

**Workload:** This module should take 100 hours

**The research seminar**

This is a weekly research seminar, held on Wednesdays in the Health Economics Resource Centre. This programme is known as the ‘HEDG seminar’ (there is more about HEDG at: [http://www.york.ac.uk/economics/postgrad/herc/hedg/](http://www.york.ac.uk/economics/postgrad/herc/hedg/) ). The seminar is attended by doctoral students, DERS staff and CHE staff. The doctoral students present work and get feedback on their research and also have the opportunity to discuss presentations by staff and visitors.

**Learning aims of the module**

Given the extensive use of individual level data sources in empirical analysis of health data, it has become increasingly important to understand the microeconometric techniques available in applied research. Moreover, it is just as important to be aware of the limitations and pitfalls associated with each microeconometric technique. The purpose of this research seminar is to give participants practical experience of preparing, presenting and disseminating their own work and of critically appraising work by other researchers.

**Learning objectives of the module**

1. linking complementary research ideas and skills;
2. acting as an ‘early warning system’ for recently published papers and working papers;
3. obtaining peer group comments on draft papers and proposals;
4. preparing for conference presentations;
5. preparing papers for submission to peer-reviewed journals;
6. sustaining expertise in the knowledge base and manipulation of routine data sources;
7. providing a focal point for contacts with similar research groups or individuals in the wider research community.
The Programme

The Programme focuses on innovations in the use of microeconometric methods in health economics. The methodological research concentrates on the analysis of large and complex datasets, both longitudinal and multilevel, and on the use of computationally intensive methods.

Contact hours

The module runs in the Spring term. Students are expected to attend the weekly seminars. The remaining time will be spent in preparing presentations and papers.

Assessment

Formative Assessment: The module involves continuous formative assessment by the module coordinator. All PhD students who participate in the programme (whether or not they are doing it for credit) will be expected to make at least one presentation, based on:

- their own research;
- a “journal club” session, in which they critique a published study or comment on relevant software or datasets;
- or a “skills workshops”, which can have the following kinds of theme:
  - Funding – preparing a funding proposal
  - Papers – reading (including peer review) and writing research papers
  - Conferences – participating in and organising conferences or seminars
  - Reference management
  - Programming in Mata

Summative assessment: The final mark for the module is assessed by a research paper that should be submitted for evaluation by the end of Week 10 in the Spring Term. The paper should be between 2,000 and 4,000 words and be based on one of the presentations made during the seminars. It should be submitted to the module leader.

Should a reassessment be required, another research paper should be submitted by Monday 14th August 2017.

Full details of the postgraduate assessment rules are given in the Introduction to Graduate Studies booklet.

Recommended Reading

1. The seminars involve applications of microeconometric methods. These methods are discussed in depth in:

2. Summaries of some previous work by the HEDG group and the general state-of-the-art in health econometrics can be found in:


3. The following texts show how to apply relevant methods in Stata:


4. The following should help to get you thinking about research questions and skills:


