

Some recent publications from HEDG members

Bago d'Uva T, 2005; "Latent class models for utilisation of primary care: evidence from a British panel." Health Economics, 14(9): 873-892.

Bago d'Uva T, 2005; Latent class models for utilisation of health care. HEDG Working Paper 05/01.

Balia, S and AM Jones, 2005; Mortality, lifestyle and socio-economic status. HEDG Working Paper 05/02.

Gambin L, 2005; The impact of health on wages in Europe – does gender matter? HEDG Working Paper 05/03.

Jones A.M, N Rice and PC Contoyannis, 2005; The dynamics of health. In: Elgar Companion to Health Economics. Jones AM (ed). Edward Elgar. Forthcoming.

Contoyannis P, AM Jones and N Rice, 2004; "The dynamics of health in the British Household Panel Survey." Journal of Applied Econometrics, 19: 473-503.

Contoyannis P, AM Jones and N Rice, 2004; "Simulation-based inference in dynamic panel probit models: an application to health." Empirical Economics, 29: 49-77.

Gambin L, 2004; Gender differences in the effect of health on wages in Britain. ECUity III Working Paper 20.

Hernández Quevedo C, AM Jones, and N Rice, 2004; Reporting bias and heterogeneity in self-assessed health: evidence from the British Household Panel Survey. ECUity III Working Paper 19.

Jones AM, X Koolman and N Rice, 2004; Health-related attrition in the BHPS and ECHP: using inverse probability weighted estimators in nonlinear models. ECUity III Working Paper 18.

Web resources

Health, Econometrics and Data Group:

www.york.ac.uk/inst/che/hedg

Centre for Health Economics:

www.york.ac.uk/inst/che

Department of Economics and Related Studies:

www.york.ac.uk/depts/econ

Health Economics Resource Centre:

www.york.ac.uk/res/herc

Alcuin Research Resource Centre:

www.york.ac.uk/inst/arrc

European Workshops on Econometrics and Health Economics:

www.york.ac.uk/res/herc/EW

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The Health, Econometrics and Data Group (**HEDG**) is a new initiative at the University of York, involving collaboration between the Centre for Health Economics (CHE) and the Department of Economics and Related Studies (DERS).

The aim of **HEDG** is to provide expertise in the development and application of state-of-the-art quantitative research methods capable of informing health policy through empirical evidence.

Much of the work of **HEDG** is undertaken in the Alcuin Research Resource Centre (ARRC) which houses specialist computing resources for computationally intensive research methods.

HEDG has a dedicated seminar programme and a working paper series. The Group is also linked to an international network of researchers, including the annual European Workshops on Econometrics and Health Economics.

For further information please contact either Nigel Rice or Andrew Jones, or visit the website: www.york.ac.uk/inst/che/hedg

Aims and objectives

The focus of the Group's work is the econometric analysis of health, health-related behaviour and health care. The aim of **HEDG** is two-fold:

- To provide empirical research evidence capable of informing health policy;
- To develop and disseminate novel research methods through the application of quantitative techniques to substantive problems of policy and/or academic relevance.

The cornerstone of this work is the application of state-of-the-art econometric and statistical methods with a focus on the analysis of large and complex datasets from non-experimental settings.

PhD students

HEDG welcomes applications from suitably qualified graduates wishing to register for a PhD. Applications and informal enquiries are encouraged from individuals with secured funding support.

For an application form visit the Graduate Schools Office webpage:

<http://www.york.ac.uk/admin/gso/gsp/apply>

Current research projects

Projects undertaken within the Group are varied, comprising work undertaken within national and international research projects, as well as smaller collaborations and PhD research into new applied and theoretical issues in health economics and econometric methods.

Some of these include:

- European Workshops on Econometrics and Health Economics;
- A cross-country comparative analysis of inequalities in health and their socio-economic determinants (ECuity III);
- Modelling the dynamics of health;
- Testing and correcting for attrition bias in longitudinal models of health;
- Determining the role of income, income inequality and social capital on health;
- Researching copulas and dependence, and their application to health economics;
- Investigating the impact of health on retirement decisions – a comparative analysis of the UK and Germany (in collaboration with the Universities of Sheffield and Munich);
- Analysis of health care utilisation using latent class models;
- Simulation estimators with applications to health and lifestyles;
- Analysing the effect of various health indicators on hourly wages in Britain and Europe by gender.

Seminar and working paper series

The **HEDG** seminar series has grown out of the York Seminars in Health Econometrics (YSHE). Since its inception in 1996, the seminar series has become particularly useful for:

- linking complementary research ideas and skills;
- presentation and discussion of preliminary work, including work by PhD students, in an informal environment;
- active dissemination of recent research;
- providing peer review of draft papers and research proposals;
- providing a focal point for contacts with similar research groups or individuals in the wider research community.

This forum is complemented by a dedicated working paper series. Papers can be found here: <http://www.york.ac.uk/res/herc/hedgwp>

Like the seminars, the working paper series will be of particular interest to those working with econometric methods in health economics.