

Coordinators & Speakers

Coordinators

Dr Toni Mora
Universitat Internacional de Catalunya

Dr David Cantarero
University of Cantabria

Speakers

Associate Professor Teresa Bago D'Uva
Erasmus University of Rotterdam

Teresa Bago D'Uva is Associate Professor of Economics in the Applied Economics Department of the Erasmus School of Economics. She was awarded the title of Top Talent Researcher of the Erasmus School of Economics in 2009. She is co-author of the prestigious, internationally renowned book Applied Health Economics, 2nd Edition, published by Routledge. She has published a number of articles in the leading Health Economics journals, with contributions to the Journal of Human Resources, Journal of the Royal Statistical Association Series A, Journal of Health Economics, Social Science and Medicine, International Journal of Epidemiology and Health Economics, among others. Regular reviewer for Economic Modelling, Empirical Economics, European Economic Review, International Journal of Health Care Finance and Economics, Health Economics, Health Services Research, Journal of Applied Econometrics, Journal of Health Economics, PLOS One, Preventing Chronic Disease, Social Science and Medicine and Social Indicators Research.

Associate Professor Oscar Lourenço
University of Coimbra

Oscar Lourenço is Associate Professor of Economics in the Applied Economics Department of the University of Coimbra. He has published a number of articles analysing count data related to the use of health care resources in Portugal in leading Economics and Health Economics journals such as Health Economics and Empirical Economics.

Registration

Registration requirements:

If you wish to participate in Pre-meeting Workshop, you must be registered to participate in the 34th Health Economics Conference. Spots are limited.
ASOCIACIÓN DE ECONOMÍA DE LA SALUD - C/ Bonaire, 7 08301 Mataró (BARCELONA) | Tel. 93 755 23 82 | Fax 93 755 23 83 | secretaria@aes.es

FUNDACIÓN BBVA WORKSHOP

Count models for the analysis of health care use data

Tuesday, 27 May 2014



Fundación BBVA
www.fbbva.es

AES
Asociación de Economía de la Salud



Presentation

The **Fundación BBVA** sponsors once again the workshop preceding the Annual Conference in Health Economics organized by the **Asociación de Economía de la Salud (AES)**, organise the Workshop Modelos de conteo para el análisis de datos de utilización sanitaria (Count models for the analysis of health care use data), to be held in the run-up to the 34th Health Economics Conference. The purpose of the Workshop is to teach participants about count models that can be applied to Health Economics. Both the basic and general features of these models will be covered, as will some of the ways these models may be applied to the specific field of health care use (number of doctor's appointments, hospital stays or pharmacy prescriptions). With this aim, and under the guidance of the Workshop's two speakers, the morning session will consist of an introduction to the most important aspects that characterise this type of model and which cover everything from the existence of asymmetric information in the insurance markets to gender inequalities in the use of health care services, risk adjustments, the impact of incentives on doctors and patients, socio-economic inequalities in health care, etc. The second part of the Workshop will address the different empirical applications of this type of model to the field of Health Economics.

The two speakers, Doctor Teresa Bago d'Uva from the Erasmus University of Rotterdam and Doctor Oscar Lourenço of the University of Coimbra, are internationally renowned researchers with extensive experience in this subject. The Workshop will thus provide an excellent introduction to the theoretical basis of count models and the methodological possibilities as regards their practical application in helping health economists to analyse issues such as health care and medical insurance demand and use.

Decision-making based on evaluation: myth or desideratum? will be the main theme of the 34th Health Economics Conference, to be held in Pamplona from 27 to 30 May 2014. As in previous years, the Conference will be aimed at health economists and a wide range of decision-makers and health professionals with management responsibilities interested in matters relating to quality and information systems, and at all researchers and professionals who aim to apply solid, rigorous methodologies based on efficiency and equity in order to guide decision-making processes.

Programme

09.45 am

Presentation

Public University of Navarre, Faculty of Economics and Business Sciences, El Sario, Arrosadia Campus, s/n, Pamplona (venue of the 34th Health Economics Conference).

10.00 am-13.30 pm

Contenido

Morning session

Basic principles and methods

The Workshop participants will be introduced to the basic principles of this type of model, beginning with those related to Poisson for cross-section data. In this regard, data related to health care use in general normally include a large proportion of zero observations as well as a great number of individuals with very high levels of health care use. However, the methodological use of the Poisson model has received criticism for being too restrictive and failing to adapt well to the special characteristics of the data handled in the field of Health Economics. Participants will therefore be presented with information regarding a number of more flexible methodological tools that have recently been proposed and applied to explain and predict the behaviour of health care use data.

13.30-15.00 pm

Lunch

15.00-18.30 pm

Afternoon session

Empirical applications in Health Economics

This last part of the Workshop will describe and expand on the latest methodological innovations for analysing panel data, both within the context of latent variables and variables in Health Economics. All of the aforementioned methods will be illustrated with case studies taken from a sub-sample of the European Community Household Survey (ECHP).

Workshop Material: The Workshop is based on Chapter 11 of "Models for Health Care Use" by A.M. Jones, N. Rice, T. Bago d'Uva and S. Balia (2012) Applied Health Economics, 2nd Edition, Routledge. As with all the chapters of this book, the chapter related to this Workshop can be worked with using Stata® do files, available at: www.york.ac.uk

(*) Each session will include a 30-minute break halfway through.
The Workshop will be given in English.