

XARXA
DE REFERÈNCIA
EN **ECONOMIA APLICADA**

Butlletí (1/2010)

Butlletí (1/2010)

EDITORIAL

Aquest és el tercer butlletí de la Xarxa de Referència en Economia Aplicada (XREAP). L'objectiu del butlletí és fer-vos partíceps de totes aquelles activitats de recerca i transferència de tecnologia dels grups que formen XREAP i que queden recollides regularment a la nostra web: www.pcb.ub.es/xreap des d'on podeu accedir a informació sobre els seminaris, conferències i congressos que organitzem així com al text complet dels nostres documents de treball a través dels quals difonem els principals resultats de la nostra activitat.

Durant els primers mesos de 2010, l'activitat de la xarxa continua gràcies a la renovació del contracte programa amb la Direcció General de Recerca de la Generalitat de Catalunya pel període 2010-2011.

En aquests primers mesos, s'han realitzat 6 seminaris, s'han publicat 5 nous documents de treball i estem començant a concretar el programa de dos workshops que es realitzaran durant la segona meitat de l'any: un d'ells estarà relacionat amb l'economia de l'educació mentre que l'altre estarà relacionat amb el mercat de treball dels serveis d'assistència social. També s'està a començant a preparar el programa del simposi anual de la xarxa que estarà relacionat amb l'impacte econòmic de les infraestructures. Tan aviat com tinguem més detalls, us mantindrem informats.



També volem destacar que durant el mes de febrer d'enguany s'ha presentat una proposta a la convocatòria de Ciències Socials i Humanitats del 7 Programa Marc de la Unió Europea dins l'àmbit de la innovació en la que han participat varis grups de recerca de XREAP i 8 centres de recerca de diferents països europeus. Tot i la forta competència existent en aquest tipus de convocatòries, esperem que la feina realitzada per l'equip que ha elaborat la proposta es vegi recompensat una avaluació positiva de la proposta.



Per últim, us comuniquem que la XREAP en col·laboració amb l'Associació Catalana de Ciència Regional (ACCR) i l'Associació Espanyola de Ciència Regional (AEER) coorganitzarà el congrés anual de l'Associació Europea de Ciència Regional (ERSA) que es celebrarà a Barcelona durant l'estiu de 2011. Les darreres edicions d'aquest congrés han comptat amb la participació de més de 1000 investigadors i de destacats ponents reconeguts internacionals.

Martí Parellada (Director XREAP)
Raül Ramos (Gerent XREAP)



Butlletí (1/2010)

Activitats - Simposi

Regulació ferroviària en entorns metropolitans

(13 de novembre de 2009)

Aula Magna, Facultat d'Economia i Empresa, Universitat de Barcelona; Av. Diagonal 690, Barcelona

PRESENTACIÓ

El passat 13 de novembre de 2009, la Xarxa de Referència en Economia Aplicada (XREAP) va organitzar el seu simposi anual que, en aquesta ocasió, va tractar sobre la regulació ferroviària en entorns metropolitans. El simposi, al que van assistir unes 90 persones, va comptar amb la col·laboració del Departament de Política Territorial i Obres Públiques de la Generalitat de Catalunya i amb la participació del Sr. Manel Nadal, Secretari per a la Mobilitat i del Sr. Manel Villalante, Director General de Transport Terrestre.

SUMARI

L'objectiu principal del simposi era contribuir al debat sobre la reforma ferroviària en el context dels canvis del model espanyol, facilitant la connexió entre l'anàlisi acadèmica i la discussió de les opcions de polítiques públiques respecte a la gestió, el finançament i la introducció de mecanismes competitius. La primera sessió va estar a càrrec del professor Chris Nash del Institute for Transport Studies de la Universitat de Leeds, qui va exposar diversos aspectes de la introducció de competència pel mercat en ferrocarrils en el Regne Unit i Suècia. Posteriorment, per a la discussió es va comptar amb el professor Gustavo Nombela de FEDEA i director de la càtedra Abertis d'Economia de les Infraestructures. A la segona sessió, la professora Rosário Macário de l'Institut Superior Tècnic de Lisboa, va analitzar el marc institucional que es requereix per a la regulació del transport en l'àrea metropolitana i, a continuació, el professor Francesc Trilles de la Universitat Autònoma de Barcelona va aportar elements addicionals per al debat. Per últim, el simposi es va tancar amb una taula rodona on van participar representants de les administracions públiques, de l'empresa privada (com ara Javier Carbajo, conseller delegat del grup ALSA - National Express i José Carbajo, director associat de Frontier Economics), d'agents socials (com Eva Granados, sotssecretària general d'Unió General de Treballadors de Catalunya) i de l'acadèmia (Javier Campos, professor de la Universitat de Las Palmas de Gran Canària).

PRESENTACIONS:

Competitive tendering of rail passenger services - a comparison of Britain and Sweden
Chris Nash (Institute for Transport Studies, University of Leeds)

Adjusting Institutions and Governance for the Reform of Metropolitan Railways Systems
Rosario Macário (Instituto Superior Técnico, Universidade Técnica de Lisboa)

Podeu consultar el programa detallat del simposi així com un resum de les comunicacions presentades en la pàgina web de XREAP (<http://www.pcb.ub.es/xreap/simposi>)



Activitats - Proper Workshop (2010/1)

Workshop on Economics of Education (I)

20 de setembre de 2010

PRESENTACIÓ

Educational attainment and competences' acquisition are the most relevant output in the educational production function. The study of these outputs has spread in recent years, especially since the existence of data from international assessments, such as The Programme for International Student Assessment (PISA) or The Trends in International Mathematics and Science Study (TIMSS). Different studies have shown the relevance of family and school variables on students' educational attainment and competences' acquisition.

Moreover, these data have allowed to consider several types of analyses of the indicated output, such as the organization of the educational system, differences between native and immigrant students, the factors that contribute to a successful performance (or a very low one), differences between and within schools in students' results, similarities and disparities between countries, the relationship between efficiency and equity in education, peer-effects, etc.

The aim of this workshop is to bring together original research papers that cast some light on these issues, especially those which use PISA data. Although the Workshop focuses on empirical papers, theoretical studies are also welcome. The accepted papers (around 8) will be presented in plenary sessions that will complement the two keynote speakers' presentations.

Keynote Speakers

- Daniel Checchi; (University of Milan)
- Michael Fertig, (ISG Institute, Köln).

Deadlines

- Deadline for submission of papers: May 31st, 2010
- Deadline for acceptance of papers: June 15th, 2010

- Early registration: May 1st to July 26th, 2010
- Late registration: July 27th to September 12th, 2010



Butlletí (1/2010)

Activitats - Proper Workshop (2010/1)

Workshop on Economics of Education (II)

20 de setembre de 2010

Topics of Interest

- Educational attainment
- Competences' acquisition
- Educational inequalities
- PISA data
- Immigration
- School dropout
- Educational production function
- Educational Policy

Registration and further information

The registration fee covers documentation, coffee breaks and working lunches. Participants whose papers have been accepted are exempt from this payment. Free accommodation will also be provided for them, and their travel expenses may be covered, totally or partially, subject to budget restrictions. Papers should be sent to xreap_workshop@pcb.ub.es before May 31st, 2010. Only papers presented in PDF format will be considered. Further information on the workshop will soon be available at the workshop webpage, which can be accessed through the XREAP website (<http://www.pcb.ub.es/workshop>). Early registration is 100 Euros; late registration 150 Euros.

Scientific Committee

- Jorge Calero (U. of Barcelona & IEB-XREAP)
- Danielle Checchi (U. of Milan)
- Josep LLuís Raymond (U. of Barcelona & IEB)
- Michael Fertig (ISG Institute, Köln)
- Josep-Oriol Escardíbul (U. of Barcelona & IEB-XREAP)
- María Jesús Mancebón (U. of Zaragoza)

Xarxa de Referència en Economia Aplicada (XREAP)

Faculty of Economics & Business Studies - University of Barcelona
c/ Tinent Coronel Valenzuela, 1-11, 08034 Barcelona

Tel.: + 34 93 403 96 53 Fax.: + 34 93 448 94 34 e-mail: xreap@pcb.ub.es



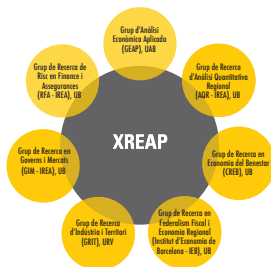
Butlletí (1/2010)

Activitats - Proper Workshop (2010/2)

Long Term Care and Labor Market prospects (I)

14-15 de octubre de 2010

PRESENTACIÓ



In the aging society, products and services for older people become more and more important for the economy of the European Society. Long term care is one of the central aspects in the strategy of the EU and its member states to afford the aging of the European society. It is a challenging field of labour market analysis as long term care combines family, informal and formal occupation.

XREAP organises together with Radboud University Nijmegen a workshop addressed to experts, but overall to students working on long term care and labour market analysis. The workshop is framed in a student visiting programme organised by XREAP for a group of students taking part in the extra-curriculum interdisciplinary honours programme of Radboud University. This group is working momentarily on an advisory report concerning the issue of the long term care labour market in behalf of the Dutch ministry of Health and Welfare.

The group altogether consists of 20 students with varying disciplinary backgrounds, for example law, managerial science, economics, psychology, medicine and physics. Apart from the workshop itself on 14 and 15 October, the group will visit also some places of interest in the city of Barcelona.



Butlletí (1/2010)

Activitats - Proper Workshop (2010/2)

Long Term Care and Labor Market prospects (II)

14-15 de octubre de 2010

PRESENTACIONS CONFIRMADES:

Long Term care in Spain

Montserrat Guillén (RFA-IREA & XREAP, Universitat de Barcelona)

Long Term care in the Netherlands

Aloys Kersten, Dutch Ministry of Health, Welfare and Sports (VWS)

Labour Market Implication of the long term care sector development

Erik de Gier (Radboud University Nijmegen)

Social-Cultural conditions of long term care development

Anna Escobedo Caparrós (Universitat de Barcelona)

Between Family, informal and formal labour market of long term care

Karsten Krüger (XREAP & ICPP)

Policy Roundtable

Moderator: Mercedes Ayuso (RFA-IREA & XREAP, Universitat de Barcelona)

Podeu consultar el programa detallat del workshop a la pàgina web de XREAP

(<http://www.pcb.ub.es/xreap/workshop>)

Xarxa de Referència en Economia Aplicada (XREAP)

Faculty of Economics & Business Studies - University of Barcelona

c/ Tinent Coronel Valenzuela, 1-11, 08034 Barcelona

Tel.: + 34 93 403 96 53 Fax.: + 34 93 448 94 34 e-mail: xreap@pcb.ub.es



Butlletí (1/2010)

Activitats - Seminaris (2009/4)

[accessible vía <http://www.pcb.ub.es/xreap/web/plantilla1.php?Id=41&valores=,any,2009>]

Participating insurance contracts and the Rothschild-Stiglitz equilibrium puzzle

Pierre Picard (École Polytechnique Paris)

06/11/2009

Why do profit seeking firms do more for the environment than government laws require?.

Mathew Potoski (Iowa State University)

[<http://www.pcb.ub.es/xreap/aplicacio/fitxers/Potoski&PrakashAJPS05.pdf>]

10/11/2009

Public services privatization and contracting out

Mathew Potoski (Iowa State University)

11/11/2009

Medición de la productividad. La experiencia del proyecto EUKLEMS

Matilde Mas (Universitat de València i IVIE)

01/12/2009

Model Selection and Claim Frequency for Workers' Compensation Insurance

David Pitt (University of Melbourne)

11/12/2009

Riesgo: Un enfoque no paramétrico para la medición del riesgo operacional en entidades financieras

Filippo di Pietro (Universidad de Bologna & Universidad de Sevilla)

17/12/2009

Market power in electricity markets

John Garcia Rendón (Universitat Autònoma de Barcelona)

18/12/2009

Las decisiones de financiación de las empresas en el marco de las teorías de la estructura de capital

Silverio Alarcón (Universidad Politécnica de Madrid)

18/12/2009

Transformation kernel estimation for LDA in operational risk

Jens Perch Nielsen (City University London)

22/12/2009

The Role of Economic Ideology on Public Spending

David López Rodríguez (Columbia University)

24/12/2009



Butlletí (1/2010)

Activitats - Seminaris (2010/1)

[accessible v a <http://www.pcb.ub.es/xreap/web/plantilla1.php?Id=41&valores=,any,2010>]

Entrepreneurship and the crisis

Roy Thurik (Centre for Advanced Small Business Economics, Erasmus University Rotterdam)

22/01/2010

Multivariate count data models

Dimistris Karlis (Dept of Statistics, Athens University of Economics)

04/02/2010

Valuing Target Redemption Notes by a Stratified Longstaff Schwartz algorithm

Paal N. Henriksen (University of Oslo)

08/02/2010

Causal inference by independent component analysis: applications to time-series economic data

Alexander Coad (Max Planck Institute of Economics)

16/03/2010

Seminar on Spatial Econometrics

Giuseppe Arbia (University G. d'Annunzio) i Gianfranco Piras (Department of City and Regional Planning Cornell University)

30/04/2010

Foreign vs. domestic outsourcing, FDI and productivity: a production function approach

Jos  Carlos Fari nas (Universidad Complutense de Madrid)

[http://www.pcb.ub.es/xreap/aplicacio/fitxers/Foreign_sourcing_and_productivity__Final__Revised__version_March_16_2009.pdf]

11/05/2010



Butlletí (1/2010)

XREAP - Publicacions conjuntes

Documents de treball (2010/1)

[accessibles v a <http://www.pcb.ub.es/xreap/web/plantilla1.php?Id=46>]

XREAP 2010-1:

The Accessibility City. When Transport Infrastructure Matters in Urban Spatial Structure

Garc a-L pez, M. A. (GEAP)

(<http://www.pcb.ub.es/xreap/aplicacio/fitxers/%20XREAP2010-1.pdf>)

Resum: Suburbanization is changing the urban spatial structure and less monocentric metropolitan regions are becoming the new urban reality. Focused only on centers, most works have studied these spatial changes neglecting the role of transport infrastructure and its related location model, the “accessibility city”, in which employment and population concentrate in low-density settlements and close to transport infrastructure. For the case of Barcelona, we consider this location model and study the population spatial structure between 1991 and 2006. The results reveal a mix between polycentricity and the accessibility city, with movements away from the main centers, but close to the transport infrastructure.

Paraules claus: Urban Spatial Structure, Suburbanization, Decentralization, Transport Infrastructure, Location and Land Use Patterns

XREAP 2010-2:

Which firms want PhDs? The effect of the university-industry relationship on the PhD labour market

Garc a-Quevedo, J. (IEB), Mas-Verd , F. (IEB), Polo-Otero, J. (IEB)

(<http://www.pcb.ub.es/xreap/aplicacio/fitxers/XREAP2010-2.pdf>)

Resum: PhD graduates hold the highest education degree, are trained to conduct research and can be considered a key element in the creation, commercialization and diffusion of innovations. The impact of PhDs on innovation and economic development takes place through several channels such as the accumulation of scientific capital stock, the enhancement of technology transfers and the promotion of cooperation relationships in innovation processes. Although the placement of PhDs in industry provides a very important mechanism for transmitting knowledge from universities to firms, information about the characteristics of the firms that employ PhDs is very scarce.

The goal of this paper is to improve understanding of the determinants of the demand for PhDs in the private sector. Three main potential determinants of the demand for PhDs are considered: cooperation between firms and universities, R&D activities of firms and several characteristics of firms, size, sector, productivity and age. The results from the econometric analysis show that cooperation between firms and universities encourages firms to recruit PhDs and point to the existence of accumulative effects in the hiring of PhD graduates.



XREAP - Publicacions conjuntes

Documents de treball (2010/2)

[accessibles vía <http://www.pcb.ub.es/xreap/web/plantilla1.php?Id=46>]

XREAP 2010-3:

An introduction to parametric and non-parametric models for bivariate positive insurance claim severity distributions

Pitt, D.; Guillén, M. (RFA-IREA)

(<http://www.pcb.ub.es/xreap/aplicacio/fitxers/XREAP2010-3.pdf>)

Resum: We present a real data set of claims amounts where costs related to damage are recorded separately from those related to medical expenses. Only claims with positive costs are considered here. Two approaches to density estimation are presented: a classical parametric and a semi-parametric method, based on transformation kernel density estimation. We explore the data set with standard univariate methods. We also propose ways to select the bandwidth and transformation parameters in the univariate case based on Bayesian methods. We indicate how to compare the results of alternative methods both looking at the shape of the overall density domain and exploring the density estimates in the right tail.

XREAP 2010-4:

Modelling dependence in a ratemaking procedure with multivariate Poisson regression models

Bermúdez, Ll. (RFA-IREA), Karlis, D.

(<http://www.pcb.ub.es/xreap/aplicacio/fitxers/XREAP2010-4.pdf>)

Resum: When actuaries face with the problem of pricing an insurance contract that contains different types of coverage, such as a motor insurance or homeowner's insurance policy, they usually assume that types of claim are independent. However, this assumption may not be realistic: several studies have shown that there is a positive correlation between types of claim. Here we introduce different multivariate Poisson regression models in order to relax the independence assumption, including zero-inflated models to account for excess of zeros and overdispersion. These models have been largely ignored to date, mainly because of their computational difficulties. Bayesian inference based on MCMC helps to solve this problem (and also lets us derive, for several quantities of interest, posterior summaries to account for uncertainty). Finally, these models are applied to an automobile insurance claims database with three different types of claims. We analyse the consequences for pure and loaded premiums when the independence assumption is relaxed by using different multivariate Poisson regression models and their zero-inflated versions.

Paraules claus: Multivariate Poisson regression models, Zero-inflated models, Automobile insurance, MCMC inference, Gibbs samplin



XREAP - Publicacions conjuntes

Documents de treball (2010/3)

[accessibles vía <http://www.pcb.ub.es/xreap/web/plantilla1.php?Id=46>]

XREAP 2010-5:

Parental education and family characteristics: educational opportunities across cohorts in Italy and Spain

Di Paolo, A. (IEB)

(<http://www.pcb.ub.es/xreap/aplicacio/fitxers/XREAP2010-5.pdf>)

Resum: Drawing on data contained in the 2005 EU-SILC, this paper investigates the disparities in educational opportunities in Italy and Spain. Its main objective is to analyse the predicted probabilities of successfully completing upper-secondary and tertiary education for individuals with different parental backgrounds, and the changes in these probabilities across birth cohorts extending from 1940 to 1980. The results suggest that the disparities in tertiary education opportunities in Italy tend to increase over time. By contrast, the gap in educational opportunity in Spain shows a marked decrease across the cohorts. Moreover, by using an intuitive decomposition strategy, the paper shows that a large part of the educational gap between individuals of different backgrounds is “composed” of the difference in the endowment of family characteristics. Specifically, it seems that more highly educated parents are more able to endow their children with a better composition of family characteristics, which accounts for a significant proportion of the disparities in educational opportunity.



Butlletí (1/2010)

XREAP - Publicacions conjuntes Documents de treball

també accessible via



[<http://www.recercat.net/handle/2072/12897>]



[http://dialnet.unirioja.es/servlet/revista?tipo_busqueda=CODIGO&clave_revista=9345]



[<http://ideas.repec.org/s/xrp/wpaper.html>]



Butlletí (1/2010)

Grups de XREAP



Grup d'Anàlisi Econòmica Aplicada (GEAP)



Grup d'Anàlisi Quantitativa Regional (AQR-IREA)
<http://www.pcb.ub.es/aqr>



Centre de Recerca en Economia del Benestar (CREB)
<http://www.eco.ub.es/~creb>



Grup de Recerca d'Indústria i Territori (GRIT)
<http://gandalf.fcee.urv.es/departaments/economia/web/english/recerca/grups/grit/>



Institut d'Economia de Barcelona (IEB)
<http://www.pcb.ub.es/ieb>



Grup de Recerca Governos i Mercats (GIM-IREA)
<http://www.ub.edu/gim>



Grup de Recerca en Finances i Assegurances (RFA-IREA)
<http://www.ub.es/dpees/risk>

Entitat gestora



Fundació Bosch i Gimpera
<http://www.fbg.ub.es>



Generalitat de Catalunya
Departament d'Innovació
Universitats i Empresa

XREAP
Entitat gestora:
Fundació Bosch i Gimpera
Promotor: Karsten Krüger
Baldiri i Reixach 4-6
08028 Barcelona
xreap@pcb.ub.es
<http://www.pcb.ub.es/xreap/web/home.php>