

## 한국복지패널 심층분석 국외출장 보고

- 영국 London City University, CASS (The 19th International Panel Data Conference)
- 스위스 FORS in University of Lausanne
- 네덜란드 CentERdata in Tilburg University

오 미 애

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## 한국복지패널 심층분석 국외출장 보고

□ 출장목적 : International Panel data Conference 참석 /

- 유럽 주요 패널조사의 신규 표본가구 추가 관련 가중치 부여 및 분석방법
- 벤치마킹을 위한 인터뷰 및 자료수집

□ 방문기관 :

영국 London, City Univ. (International Panel data Conference 참석)

네덜란드 Tilburg, CentERdata

스위스 Lausanne, FORS(Swiss Foundation for Research in Social Science)

□ 주요 면담자

- Boris Wernli, Isabelle Renschler, Robin Tillmann, Michèle Ernst-Staehli, Brian Kleiner (FORS(Swiss Foundation for Research in Social Science))
- Salima Douhou, Arnaud Wijnant (CentERdata)

□ 주요 일정 : 2013. 7. 3(수) ~ 7. 12(금)

- 7.4 International Panel data Conference
- 7.5 International Panel data Conference
- 7.6 - 7.7 영국-> 스위스 국가이동
- 7.8 스위스 FORS in University of Lausanne
- 7.9 스위스 -> 네덜란드
- 7.10 네덜란드 Hague
- 7.11 네덜란드 CentERdata in Tilburg University

## 《 세 부 활 동 》

### ○ 세부활동(1)

- 일시/장소 : 2013. 7. 4 (목) / 영국 London City University, CASS Business School

- 발표자 : Marco Lippi, Hai-Anh Dang, Bo Honore, Sabien Dobbelaere, Mayu Fujii 외

- 활동내용 : The 19th International Panel Data Conference 참석

### ○ 세부활동(2)

- 일시/장소 : 2013. 7. 5 (금) / 영국 London City University, CASS Business School

- 발표자 : Badi H. Baltagi, Lajos Horvath, Lena Korber, Yoosoon Chang, Ron P Smith 외

- 활동내용 : The 19th International Panel Data Conference 참석

### ○ 국가 이동 : 2013. 7. 6 (토) / 영국 런던 ⇄ 스위스 취리히 ⇄ 로잔

### ○ 세부활동(3)

- 일시/장소 : 2013. 7. 8 (월) / 스위스 FORS in University of Lausanne

- 면담자 : Boris Wernli, Isabelle Renschler, Robin Tillmann, Michèle Ernst-Staehli, Brian Kleiner

- 활동내용 : FORS Survey Unit, Swiss Household Panel(SHP), FORS international surveys (ISSP, ESS, EVS, SHARE), FORS Data and Research Information Service(DARIS), KIHASA KOWEPS 운영체계 정보 공유 및 토론

### ○ 국가 이동 : 2013. 7. 9 (화) / 스위스 로잔 ⇄ 네덜란드 위트레흐트

### ○ 세부활동(4)

- 일시/장소 : 2013. 7. 10 (수) / 네덜란드 Hague

- 면담자 : 최홍석(보건복지부 과장, 네덜란드 교육연수)

- 활동내용 : 네덜란드 보건복지 정책동향, 유연근로제와 일-가정 양립 정책 및 시사점

### ○ 세부활동(5)

- 일시/장소 : 2013. 7. 11 (목) / 네덜란드 CentERdata in Tilburg University

- 면담자 : Salima Douhou, Arnaud Wijnant

- 활동내용 : CentERdata Mess project & LISS online panel 운영체계 관련 인터뷰 및 자료수집

SHARE project 조사설계 및 운영체계 관련 인터뷰 및 자료수집

### ○ 귀국 : 2013. 7. 12 (금) / 네덜란드 틸부르크 ⇄ 암스테르담 ⇄ 인천

## 《 회 의 내 용 》

### ○ 현지회의(1)

- 일시/장소 : 2013. 7. 4 (목) / 영국 London City University, CASS Business School
- 참석자 : 최현수, 오미애, Mayu Fujii (IPSS, Japan)
- 회의내용 : IPSS 기관 및 패널DB 정보공유, 발표 자료(The Determinants and Effects of Early Job Separation in Japan) 관련 질의·응답

### ○ 현지회의(2)

- 일시/장소 : 2013. 7. 5 (금) / 영국 London City University, CASS Business School
- 참석자 : 최현수, 오미애, Ron P Smith (Birkbeck College, London)
- 회의내용 : 정책설계 및 평가방법론으로서 Counterfactual methodology 적용 및 발표 자료  
(Counterfactual Analysis in Macroeconometrics: An Empirical Investigation into the Effects of Quantitative Easing) 관련 질의·응답

### ○ 현지회의(3)

- 일시/장소 : 2013. 7. 8 (월) / FORS in University of Lausanne
- 참석자 : 최현수, 오미애, Boris Wernli, Isabelle Renschler, Michèle Ernst-Staehli  
Robin Tillmann 외 SHP team colleagues
- 회의내용 : FORS SHP 신규 표본가구 추가조사(SHP\_1 & SHP\_2 & SHP\_combined) 및 가중치 부여 방법론, 패널조사 응답률 및 표본유지율 제고 방안 등 집중 토론

### ○ 현지회의(4)

- 일시/장소 : 2013. 7. 11 (목) / CentERdata in Tilburg University
- 참석자 : 최현수, 오미애, Salima Douhou, Arnaud Wijnant
- 회의내용 : CentERdata Mess project & LISS online panel 운영체계 관련 인터뷰 및 자료수집  
SHARE project 조사설계 및 운영체계 관련 인터뷰 및 자료수집

## 주요 방문일정별 프로그램

### 19th International Panel Data Conference

4 - 5 July 2013

Centre for Econometric Analysis (CEA@Cass)

Cass Business School

106 Bunhill Row, London, EC1Y 8TZ (U.K.)

The aim of the conference is to bring together economists, econometricians, statisticians and social scientists interested in or working on panel data issues. The programme will consist of invited and contributed papers that cover a broad spectrum of theoretical and applied panel data research such as

- High-dimensional covariance matrices: specification, estimation and testing
- Factor models in economics and finance
- Dynamic multi-factor model
- Short-T and/or short-N panels
- Cross-section dependence: specification, estimation and testing
- Non-linear panels
- Spatial vs panel econometrics
- Stability and breaks in panels
- Forecasting with panels.
- Bootstrapping with panels
- Panel quantile regression
- Applications: energy, productivity, technical changes, income inequality, growth

## Programme

### 4th July Detailed Programme

#### 19th International Panel Data Conference

##### Day One

Keynote Lecture: Marco Lippi (Sapienza University of Rome)

9:00-10:00, Room 2002

Chair: Giovanni Urga (Cass Business School)

'Dynamic Factor Models with Infinite-Dimensional Factor Space: One-Sided Representations' (with Mario Forni, Marc Hallin, Paolo Zaffaroni)

##### 10:30-12:30 Parallel Sessions 1

###### Session 1.1 - Room 2002

Factor Models (Onatski, Forchini, Coroneo, Urga)

Chair: Giovanni Urga (Cass Business School)

'Asymptotic Analysis of the Squared Estimation Error in Misspecified Factor Models'

Alexei Onatski (University of Cambridge)

'Consistent Estimation of Panel Data Models with a Multifactor Error Structure'

Giovanni Forchini (University of Surrey), Bin Peng

'Unspanned Macroeconomic Factors in the Yield Curve'

Laura Coroneo (University of York), Domenico Giannone

'Modelling Financial Markets Comovements: A Dynamic Multi-Factor Approach'

Riccardo Pianeti, Martin Belvisi, Giovanni Urga (Cass Business School)

###### Session 1.2 - Room 2003

Binary and limited dependent variables (Semykina, Williams, Bjornsen, Weidner)

Chair: Martin Weidner (University College London)

'Binary Response Panel Data Models with Sample Selection and Self Selection'

Anastasia Semykina (Florida State University), Jeffrey M. Wooldridge

'Large T Nonparametric Identification of a Binary Panel Data Model'

Benjamin Williams (The George Washington University)

'What Motivates Farm Couples to seek Off-Farm Labour? A Logit Analysis of Job Transitions'

Hild-Marte Bjornsen (Norwegian Institute for Urban and Regional Research), Erik Biørn

'Individual and Time Effects in Nonlinear Panel Data Models with Large N, T'

Ivan Fernandez-Val, Martin Weidner (University College London)

Session 1.3 - Room 2006

Applications I (Seiler, Dang, Scotti, Strobel)

Chair: Thomas Strobel (University of Munich)

'On the Robustness of the Balance Statistics with Respect to Nonresponse'

Christian Seiler (Ifo Institute)

'Measuring Poverty Dynamics with Synthetic Panels Based on Cross-Sections'

Hai-Anh Dang (The World Bank), Peter Lanjouw

'Including the Local Air Pollution in the Airport Efficiency Assessment: a Hyperbolic Stochastic Approach'

Gianmaria Martini, Davide Scotti (University of Bergamo), Nicola Volta

'Embodied Technology Diffusion and Sectoral Productivity Evidence for 12 OECD Countries'

Thomas Strobel (University of Munich)

Keynote Lecture: Bo Honore (Princeton University)

14:00-15:00, Room 2002

Chair: Lorenzo Trapani (Cass Business School)

'Recent Developments in Models with Simultaneously Determined Durations' (with Aureo de Paula)

15:30-17:30 Parallel Sessions 2

Session 2.1 - Room 2002

Heterogeneous Panels (Chudik, Karabiyik, Sarafidis, Rossi)

Chair: Eduardo Rossi (University of Pavia)

'Common Correlated Effects Estimation of Heterogeneous Dynamic Panel Data Models with Weakly Exogenous Regressors'

Alexander Chudik (Federal Reserve Bank of Dallas), M. Hashem Pesaran

'A CCE Estimator for Dynamic Panel ECM'S with Factors'

Christian Gengenbach, Hande Karabiyik (Maastricht University), Franz Palm

'Estimation of Correlated Random Coefficient Models for Short Panels with a Multi-Factor Error Structure'

Donald Robertson, Vasilis Sarafidis (University of Monash), Takashi Yamagata

'A Two-Stage Estimator for Heterogeneous Panel Models with Common Factors'

Carolina Castegnetti, Eduardo Rossi (University of Pavia), Lorenzo Trapani

Session 2.2 - Room 2003

Applications II (Dobbelaere, Fujii, Mairesse, Sevestre)

Chair: Patrick Sevestre

'Allocation of Human Capital and Innovation at the Frontier: Firm-level Evidence on Germany and the Netherlands'

Eric Bartelsman, Sabien Dobbelaere (VU University Amsterdam), Bettina Peters

'The Determinants and Effects of Early Job Separation in Japan'

Mayu Fujii (National Institute of Population and Social Security Research, Japan), Kousuke Shiraishi, Noriyuki Takayama

Upstream Product Market Regulations, ICT, R&D and Productivity'

Gilbert Cette, Jacques Mairesse (CREST-ENSEE), Jimmy Lopez

'The Impact of a 'Soda Tax' on Prices. Evidence from French Micro Data'

Nicoletta Berardi, Patrick Sevestre (Banque de France), Marine Tepaut, Alexandre Vigneron

#### Session 2.3 - Room 2006

Cross dependence (Mastromarco, Musolesi, Demetrescu)

Chair: Matei Demetrescu (University of Bonn)

'Modelling Technical Efficiency in Cross Sectionally Dependent Panels'

Camilla Mastromarco (University of Salento), Yongcheol Shin

'Weak and Strong Cross Sectional Dependence: a Panel Data Analysis of International Technology Diffusion'

Cem Entur, Antonio Musolesi (INRA)

'A Directed Test of No Cross-Sectional Error Correlation in Large-N Panel Data Models'

Matei Demetrescu (University of Bonn), Ulrich Homm

## 5th July Detailed Programme

### 19th International Panel Data Conference

#### Day Two

#### 8:30-10:00 Parallel Sessions 3

##### Session 3.1 - Room 2002

Spatial Econometrics (Lazarova, Millo, Pirotte, Baltagi)

Chair: Badi H. Baltagi (Syracuse University)

'Spatial Effects in a Common Trend Model of US City-Level CPI'

Peter Burridge, Fabrizio Iacone, Stepana Lazarova (Queen Mary, University of London)

'A Visual Diagnostic and a Simple Permutation Test for Spatial Dependence in Common Factor Panels'

Giovanni Millo (Assicurazioni Generali SpA)

'Spatial Lag Models with Nested Random Effects: An Instrumental Variable Procedure with an Application to English House Prices'

Badi H. Baltagi, Bernard Fingleton, Alain Pirotte (University of Panthéon-Assas Paris II)

'Hedonic Housing Prices in Paris: An Unbalanced Spatial Lag Pseudo-Panel Model with Nested Random Effects'

Badi H. Baltagi (Syracuse University), Georges Bresson, Jean-Michel Etienne

##### Session 3.2 - Room 2003

Inference I (Horvath, Korber, Kruiniger, Chang)

Chair: Yoosoon Chang (Indiana University)

'Statistical Inference in a Random Coefficient Panel Model'

Lajos Horvath (University of Utah), Lorenzo Trapani

'A Semiparametric Model for Heterogeneous Panel Data with Fixed Effects'

Lena Korber (The London School of Economics), Oliver Linton, Michael Vogt

'A Further Look at Modified ML Estimation of the Panel AR(1) Model with Fixed Effects and Arbitrary Initial Conditions'

Hugo Kruiniger (Durham University)

'Nonstationarity in Time Series of State Densities'

Yoosoon Chang (Indiana University), Chang Sik Kim, Joon Y. Park

##### Session 3.3 - Room 2004

Applications IV (Eberhardt, Binder, Thinh, Gallegati)

Chair: Marco Gallegati (Polytechnic University of Marche)

'This Time They're Different: Heterogeneity and Nonlinearity in the Relationship between Debt and Growth'

Markus Eberhardt (University of Nottingham), Andrea F. Presbitero

'Determinants and Output Growth Effects of Debt Distress'

Michael Binder (Goethe University Frankfurt), Sebastian Kripfganz, Tihomir Stucka  
'Short- and Long-Run Causality Analysis for Real Exchange Rate, Productivity, Population Growth Rate and Net Migration Rate'

Doan Thi Hong Thinh (Aix-Marseille University)

'Productivity and Unemployment: a Scale-by-Scale Panel Data Analysis for the G7 Countries'

Marco Gallegati (Polytechnic University of Marche), Mauro Gallegati, James Ramsey, Willi Semmler

Keynote Lecture: Ingmar R. Prucha (University of Maryland)

10:30-11:30, Room 2002

Chair: Ana-Maria Fuertes (Cass Business School)

'Dynamic Panel Data Models with Cross-Sectional Dependence, Sequential Exogeneity and Time-Varying Individual Effects' (with Guido M. Kuersteiner and David M. Drukker)

Invited Sessions

Rooms 2002, 2003, 2006

Joerg Breitung (University of Bonn)

'Bias-Corrected Estimators for Various Dynamic Panel Data Models'

Chair: Elias Tzavalis (Athens University of Economics & Business)

Ron P Smith (Birkbeck College, London)

'Counterfactual Analysis in Macroeconometrics: An Empirical Investigation into the Effects of Quantitative Easing', M. Hashem Pesaran

Chair: Lajos Horvath (Utah University)

David M. Drukker (Stata Corporation) 'Estimation and Inference in Nonlinear Panel-Data Models using Stata'

Chair: Jan Kiviet (University of Amsterdam)

14:00-16:00 Parallel Sessions 4

Session 4.1 - Room 2002

Bayesian methods (Ouyisse, Harding, Sickles, Prohorov)

Chair: Artem Prokhorov (Concordia University and CIREQ)

'Forecasting Using a Large Number of Predictors: Bayesian Model Averaging versus Principal Components Regression'

Rachida Ouyisse (The University of New South Wales)

'A Bayesian Semiparametric Competing Risk Model with Unobserved Heterogeneity'

Martina Burda, Matthew Harding (Georgetown University), Jerry Hausman

'Bayesian Treatments to Panel Data Models With Time Varying Heterogeneity'

Junrong Liu, Robin Sickles (Rice University), E.G. Tsionas

'Copula Based Factorization in Bayesian Multivariate Infinite Mixture Models' Martin Burda,  
Artem Prokhorov (Concordia University and CIREQ)

#### Session 4.2 - Room 2003

Dynamic models (Bun, Juodis, Georgides, Voia)

Chair: Marcel Voia (Carleton University)

'Identification/Initial Value Robust Inference in Linear Dynamic Panel Data Models'

Maurice Bun (University of Amsterdam), Frank Kleibergen

'First Difference Transformation in Panel VAR models: Robustness, Estimation and Inference'

Arturas Juodis (University of Amsterdam)

'A Mixed Cross-Section Global VAR Model for the Euro Area and its Member Economies'

Georgios Georgiadis (European Central Bank)

'Confidence Sets for Ratios in Dynamic Panels: Persistence and Identifications'

Jean-Thomas Bernard, Lynda Khalaf, Marcel Voia (Carleton University)

#### Session 4.3 - Room 2004

Applications IV (Zhao, De Schryder, Osborne, Baum)

Chair: Christopher F. Baum (Boston College and DIW Berlin)

'Sovereign Rating Adjustment using Market Information'

Dominique Guegan, Bertrand Hassani, Xin Zhao (University Paris 1 Pantheon-Sorbonne)

'The U.S. Dollar Exchange Rate and the Demand for Oil'

Gert Peersman, Selien De Schryder (Ghent University)

'In Good Times and in Bad: Bank Capital Ratios and Lending Rates'

Ana-Maria Furtés, and Alistair Milne, Matthew Osborne (Bank of England)

'Bank Reform and Financial Restructuring in an Emerging Market'

Christopher F Baum (Boston College and DIW Berlin), Can Erbil, Ferhan Salman

#### Session 4.4 - Room 2006

Inference III (Galvao, Cizek, Kripfzang, Chatelain)

Chair: Jean-Bernard Chatelain (University Paris 1 Pantheon-Sorbonne)

'Estimation and Inference for Linear Panel Data Models under Misspecification when both  $n$  and  $T$  are Large'

F. Galvao (University of Wisconsin-Milwaukee and University of Iowa), Kengo Kato

'Identification and Estimation of Nonseparable Single-Index Models in Panel Data with Fixed Effects'

Pavel Cizek (Tilburg University), Jinghua Lei

'Estimation of Linear Dynamic Panel Data Models with Time-Invariant Regressors'

Sebastian Kripfganz (Goethe University Frankfurt), Claudia Schwarz

'Inference on Time-Invariant Variables Using Panel Data: a Pre-test Estimator with an Application to the Returns to Schooling'

Jean-Bernard Chatelain (University Paris 1 Pantheon-Sorbonne), Kirsten Ralf

#### 16:30-18:00 Parallel Sessions 5

##### Session 5.1 - Room 2002

Structural breaks and nonlinearities (Tzavalis, Lamarche, Kao)

Chair: Chihwa Kao (Syracuse University)

'The Power Performance of Fixed-T Panel Unit Root Tests Allowing for Structural Breaks in Their Deterministic Components'

Yiannis Karavias, Elias Tzavalis (Athens University of Economics & Business)

'Estimation of Censored Quantile Regression for Panel Data with Fixed Effects'

Carlos Lamarche (University of Kentucky), Antonio F. Galvao, Luiz Renato Lima

'Estimation and Identification of Change Points in Panel Models with Nonstationary or Stationary Regressors and Error Term'

Badi H. Baltagi, Chihwa Kao (Syracuse University), Long Liu

##### Session 5.2 - Room 2003

Large Panels (Fan, Su, Gaglianone, Caner)

Chair: Mehmet Caner (North Carolina State University)

'Hybrid Generalized Empirical Likelihood Estimators: Instrument Selection with Adaptive Lasso'

Mehmet Caner, Michael Fan (Xiamen University)

'Shrinkage Estimation of Dynamic Panel Data Models with Interactive Fixed Effects'

Xun Lu, Liangjun Su (Singapore Management University)

'Microfounded Forecasting'

Wagner Piazza Gaglianone (Central Bank of Brasil), João Victor Issler

'Selecting the Correct Number of Factors in Approximate Factor Models: The Large Panel Case with Group Bridge Estimators'

Mehmet Caner (North Carolina State University), Xu Han

##### Session 5.3 - Room 2006

GMM (Biorn, Kiviet, Bontempi)

Chair: Maria Elena Bontempi (University of Bologna)

'Panel Data Models with Dynamics and Measurement Error: GMM Performance when Autoregression and Error Memory Interact - Some small Sample Evidence'

Erik Biorn (University of Oslo), Xuehui Han

'Efficiency Gains by Modified GMM Estimation in Linear Models under Heteroskedasticity'

Qu Feng, Jan F. Kiviet (University of Amsterdam)

'Principal Component Analysis: is This an Effective Way to Deal with Over-Identification in GMM Panel Data Estimation?'

Maria Elena Bontempi (University of Bologna), Irene Mammi

Session 5.4 - Room 2004

Inference I (Balazsi, Solberger, Kamionka)

Chair: Thierry Kamionka (CNRS and CREST)

'The Estimation of Multi-dimensional Fixed Effects Panel Data Models'

Laszlo Balazsi (Central European University), Laszlo Matyas

'An LM-Type Test for Idiosyncratic Unit Roots in the Approximate Factor Model under Miss-Specification'

Martin Solberger (Uppsala University), Xingwu Zhou

'Quasi Linear Estimation'

Thierry Kamionka (CNRS and CREST)

< Swiss FORS Visiting Program >

Monday, July 8, 2013 / Room 5899 (5th floor), Geopolis, University of Lausanne

10:00-10:30 Arrival at FORS, coffee break

10:30-10:45 Isabelle Renschler, Boris Wernli, FORS

- Welcome, general presentation of FORS and FORS Survey Unit

10:45-11:00 Robin Tillmann, FORS

- Presentation of the Swiss Household Panel (SHP)

11:00-11:15 Michèle Ernst-Staehli, FORS

- Presentation of FORS international surveys (ISSP, ESS, EVS, SHARE)

11:15-11:30 Brian Kleiner, FORS

- Presentation of FORS Data and Research Information Service (DARIS)

11:30-11:45 Miae Oh, KIHASA

- KIHASA and the Korea Welfare Panel study

11:45-12:00 Chang-Kyun Chae, KRIVET

- KRIVET and the Korea Education and Employment Panel

12:00-14:00 Common lunch

14:00-16:30 Discussion, meeting with the SHP team colleagues