

## **IVÁN FERNÁNDEZ-VAL**

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### **ACADEMIC POSITIONS**

2005-present: Assistant Professor of Economics, Department of Economics, Boston University

### **OTHER POSITIONS**

Summer 2001 Research Assistant to Professor Robert Jensen at NBER.  
Fall 2001 Research Assistant to Professor Peter Diamond at MIT.  
Summer 2002 Research Assistant to Professor Whitney Newey at MIT.  
Fall 2003-Spring 2004 Research Assistant to Professor Victor Chernozhukov at MIT.

### **EDUCATION**

Ph.D. in Economics, Massachusetts Institute of Technology, 2005.  
M.A. in Economics and Finance, Centro de Estudios Monetarios y Financieros (CEMFI), 2000.  
B.A. in Economics, Universidad del País Vasco, 1998.  
B.A. in Statistics, Universidad de Zaragoza, 1993.

Ph.D. Thesis Title: “3 Essays on Nonlinear Panel Data Models and Quantile Regression Analysis.”

Thesis Committee: Joshua Angrist, Victor Chernozhukov, Whitney Newey.

Master Thesis Title: “Household Labor Supply: Evidence for Spain.”

Advisor: Pedro Mira.

### **RESEARCH INTERESTS**

Econometric Theory, Applied Econometrics, Labor Economics, Macroeconomics.

### **HONORS, FELLOWSHIPS, AND AWARDS**

1998 – 2000 Banco Bilbao Vizcaya Fellowship at CEMFI.  
2000 – 2002 Fundación Caja Madrid Fellowship at MIT.  
2002 – 2005 Fundación Ramón Areces Fellowship at MIT.  
2000 Extraordinary Prize of 1998-2000 Class at CEMFI.  
2008 – 2011 NSF grant SES-0752266, “Collaborative Research: Research on Distributional and Quantile Methods in Econometrics,” with V. Chernozhukov.

### **ACADEMIC ACTIVITIES**

Member: Econometric Society

Referee for: *B.E. Journals in Economic Analysis & Policy, Bulletin of Economic Research, Computational Statistics and Data Analysis, Econometrica, Econometrics Journal, Economic Journal, Economic Letters, Econometric Theory, Information Sciences, Investigaciones Económicas, Journal of Applied Econometrics, Journal of the American Statistical Association, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Labor Economics, NSF, Review of Economics and Statistics.*

## TEACHING EXPERIENCE

Fall 2009      Advanced Statistics for Economists (EC 707), Graduate Program, Boston University.  
 Statistics for Economics (EC 507), Masters Program, Boston University.

Spring 2009    Advanced Topics in Econometrics (EC 711), Graduate Program, Boston University.  
 Statistics for Economics (EC 507), Masters Program, Boston University.

Fall 2008      Advanced Statistics for Economists (EC 707), Graduate Program, Boston University.  
 Statistics for Economics (EC 507), Masters Program, Boston University.

Spring 2008    Advanced Topics in Econometrics (EC 711), Graduate Program, Boston University.  
 Statistics for Economics (EC 507), Masters Program, Boston University.

Fall 2007      Advanced Statistics for Economists (EC 707), Graduate Program, Boston University.  
 Statistics for Economics (EC 507), Masters Program, Boston University.

Spring 2007    Statistics for Economics (EC 507), Masters Program, Boston University.

Fall 2006      Advanced Statistics for Economists (EC 707), Graduate Program, Boston University.

Spring 2006    Introduction to Econometrics (EC 414), Undergraduate Program, Boston University.

Fall 2005      Statistics for Economics (EC 507), Masters Program, Boston University.

Fall 2002      Microeconomics II (Graduate), Teaching Assistant to Professor Glenn Ellison.

Fall 2003      Time Series (Graduate), Teaching Assistant to Professor Tiemen Woutersen.

## PRESENTATIONS IN CONFERENCES

2003            Econometric Society North American Winter Meeting, San Diego, January.

2006            Econometric Society North American Winter Meeting, Boston, January.

2007            Econometric Society North American Winter Meeting, Chicago, January.  
 Microeconometrics: Measurement Matters, CEMMAP, London, June.

2008            Econometric Society North American Winter Meeting, New Orleans, January.  
 Inference in partially identified models with applications, CEMMAP, London, March.  
 Nonsmooth Inference, Analysis, and Dependence, University of Gothenburg, June.  
 Inference with Incomplete Models, CIREQ, Montreal, October.  
 XXI Symposium Moneda y Credito: Economic Policy Evaluation (Discussant), Madrid, November.

2009            Econometric Society North American Winter Meeting, San Francisco, January.  
 Econometric Society North American Summer Meeting, Boston, June.

Panel Data Conference, Bonn, July.  
The 57<sup>th</sup> Session of the International Statistical Institute, Durban, August.  
Econometric Society European Summer Meeting, Barcelona, August.

### INVITED SEMINARS

- 2005 Chicago GSB, University of British Columbia, Boston University, Harvard KSG, Universidad de Navarra, LSE, CEMFI, UAB, UPF, Banco de España, University of Chicago, Brown University, Harvard/MIT, Princeton University.
- 2006 Georgetown, Boston University.
- 2007 Boston University, University of Alicante, CEMFI, University Carlos III of Madrid, MIT.
- 2008 Harvard, MIT, Columbia, Ohio State.
- 2009 Syracuse, Berkeley, Northwestern, Wisconsin-Madison, Montreal, UCSD (scheduled), UCR (scheduled), Brown (scheduled).

### PUBLICATIONS AND WORKING PAPERS

1. "Household Labor Supply: Evidence for Spain," 2003, *Investigaciones Económicas* 27(2), 239--275.
2. Appendix I in Hahn, J., and W. Newey, "Jackknife and Analytical Bias Reduction for Nonlinear Panel Models," 2004, *Econometrica* 72, 1295--1319.
3. "Subsampling Inference on Quantile Regression Processes," 2005, with V. Chernozhukov, *Sankhya* 67, pp. 253--276.
4. "Quantile Regression under Misspecification, with an Application to the U.S. Wage Structure," 2006, with J. Angrist and V. Chernozhukov, *Econometrica* 74, pp. 539--563.
5. "Fixed Effects Estimation of Structural Parameters and Marginal Effects in Panel Probit Models," 2009, *Journal of Econometrics* 150, pp. 71--85.
6. "Improving Estimators of Monotone Functions by Rearrangement," 2009, with Victor Chernozhukov and Alfred Galichon, *Biometrika* 96, pp. 559--575.
7. "Rearranging Edgeworth-Cornish-Fisher Expansions," 2007, with Victor Chernozhukov and Alfred Galichon, forthcoming in *Economic Theory*.
8. "Bias Corrections for Two-Step Fixed Effects Panel Data Estimators," 2005, with Frank Vella, resubmission invited by *Journal of Econometrics*.
9. "Quantile and Probability Curves Without Crossing," 2006, with Victor Chernozhukov and Alfred Galichon, accepted for publication in *Econometrica*.

10. "Identification and Estimation of Marginal Effects in Nonlinear Panel Models," 2009, with Victor Chernozhukov, Jinyong Hahn, and Whitney Newey, resubmission invited by *Econometrica*.
11. "Bias Correction in Panel Data Models with Individual Specific Parameters," 2004, with Joonwah Lee.
12. "Inference on Counterfactual Distributions," 2005, with Victor Chernozhukov and Blaise Melly, resubmission invited by *Econometrica*..
13. "Censored Quantile Instrumental Variable Estimation via Control Functions," 2009, with Victor Chernozhukov and Amanda Kowalski.
14. "Quantile and Average Effects in Nonseparable Panel Models," 2009, with Victor Chernozhukov and Whitney Newey.

#### **DEPARTMENT SERVICE**

- 2005-            Junior recruitment committee, Boston University.  
2009-            Masters programs coordinator, Boston University.

#### **PH.D. THESIS SUPERVISION**

Ai Deng, Ph.D. Economics, 2006, Bates White LLC  
Rodrigo Alfaro, Ph.D. Economics, 2007, Central Bank of Chile  
Mohitosh Kejriwal, Ph.D. Economics, 2007, Purdue University  
Dukpa Kim, Ph.D. Economics, 2007, University of Virginia  
Silvia Prina, Ph.D. Economics, 2007, Case Western Reserve University  
Chih-nan Chen, Ph.D. Economics, 2008, Cambridge Health Alliance, Harvard University  
Carlos Chiapa, Ph.D. Economics, 2008, El Colegio de Mexico  
Josefina Posadas, Ph.D. Economics 2009, The World Bank  
Shinsuke Ikeda, Ph.D. Economics 2010 (expected)  
Yunmi Nam, Ph.D. Economics 2010 (expected)  
Tatsushi Oka, Ph.D. Economics 2010 (expected)