

## Per Hjertstrand

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### CONTACT INFORMATION

*Address:* Research Institute of Industrial Economics  
Institutet för Näringslivsforskning (IFN)  
Box 55655  
SE-102 15 Stockholm, Sweden  
*Voice:* +46 (0) 70 6464315  
*Email:* Per.Hjertstrand@ifn.se  
*Web:* [www.ifn.se/eng/people/research-faculty/per-hjertstrand](http://www.ifn.se/eng/people/research-faculty/per-hjertstrand)

### ACADEMIC TITLE

**Associate professor in Econometrics** (*Swedish:* Docent i ekonometri)  
Hanken Swedish School of Economics, Finland. Awarded 10/2013

### EDUCATION

#### **Ph.D. in Economics**

Lund University, Sweden, 11/2008  
Dissertation Title: “Testing for Rationality, Separability and Efficiency”

#### **Master of Science in Economics**

Lund University, Sweden, 01/2004

### POSITIONS

#### **Research Institute of Industrial Economics**, Stockholm, Sweden

Research fellow and Associate professor, 08/2012 - present

#### **Lund University**, Lund, Sweden

Post doc./Assistant professor, 02/2012 - 04/2012, 12/2008 - 06/2011

#### **Hanken Swedish School of Economics**, Helsinki, Finland

Assistant professor (*Swedish:* Överassistent), 10/2011 - 02/2012

### RESEARCH INTERESTS

Applied econometrics; Consumer analysis; Non-parametric econometrics; Production economics; Revealed preference

### PUBLICATIONS

Revealed preference tests of indirect and homothetic weak separability of financial assets, consumption and leisure (with James Swofford), forthcoming in *Journal of Financial Stability*, 2019

Index numbers and revealed preference rankings (with James Swofford and Gerald Whitney), forthcoming in *Macroeconomic Dynamics*, 2019

Homothetic efficiency: Theory and applications (with Jan Heufer), *Journal of Business & Economic Statistics* 37:2, 235-247, 2019

Homothetic preferences revealed (with Jan Heufer), *Journal of Economic Behavior & Organization* 157, 602-614, 2019

Why entrepreneurs choose risky R&D projects - but still not risky enough (with Erika Färnstrand Damsgaard, Pehr-Johan Norbäck, Lars Persson and Helder Vasconcelos), *Economic Journal* 127, F164-F199, 2017

- Featured in a Vox column (<https://voxeu.org/article/fostering-breakthrough-entrepreneurship>)

Mixed integer revealed preference tests of utility maximization and weak separability for consumption, leisure and money (with James Swofford and Gerald Whitney), *Journal of Money, Credit and Banking* 48, 1547-1561, 2016

Revealed preference tests for weak separability: an integer programming approach (with Laurens Cherchye, Thomas Demuynck and Bram De Rock), *Journal of Econometrics* 186, 129-141, 2015

Consistent subsets: Computationally feasible methods to compute the Houtman-Maks-index (with Jan Heufer), *Economics Letters* 128, 87-89, 2015

Indirect estimation of semiparametric binary choice models (with Joakim Westerlund), *Oxford Bulletin of Economics and Statistics* 76, 298-314, 2014

Are the choices of people stochastically rational? A stochastic test of the number of revealed preference violations (with James Swofford), *Empirical Economics* 46, 1495-1519, 2014

Revealed preference tests for consistency with weakly separable indirect utility (with James Swofford), *Theory and Decision* 72, 245-256, 2012

Relative sources of european regional productivity convergence: A bootstrap frontier approach (with Kerstin Enflo), *Regional Studies* 43, 643-659, 2009

BOOK CHAPTERS  
AND CONFERENCE  
PROCEEDINGS

Samuelson's approach to revealed preference theory: Some recent advances (with Thomas Demuynck). Forthcoming chapter in *Paul Samuelson: Master of modern economics*, R.G. Anderson, W.A. Barnett and R.A. Cord (Eds.), 2019, Palgrave Macmillan.

A Monte Carlo study of the necessary and sufficient conditions for weak separability. *Advances in Econometrics* 24, 151-182, 2009

Food demand in Sweden: A nonparametric approach. Published in *Functional Structure Inference*, W.A. Barnett and A. Serletis (Eds.), 157-182, Chapter 9, 2007, Emerald

Indirect estimation of a simultaneous limited dependent variable model for patient costs and outcome. ISI World Statistics Congress Proceedings 2015: 60th WSC, Rio de Janeiro (with Gunnar Rosenqvist)

JOURNAL SERVICE

**Associate editor**

Macroeconomic Dynamics, 2016-

**Referee**

Computational Economics, Econometrica, Econometrics, Economic Modelling, Empirical Economics, Financial Innovation, Journal of Econometrics, Journal of Economic Dynamics and Control, Journal of Financial Stability, Journal of Money, Credit and Banking, Macroeconomic Dynamics, Regional Studies, Scandinavian Journal of Economics, Quantitative Economics.

AWARDS AND  
SCHOLARSHIPS

The Jan Wallander post-doctoral scholarship (W2009-0079:1) (SEK 1 215 000), 01/2010 - 03/2013

The Knut and Alice Wallenbergs Foundation, 2006

Charter Fellow, Institute for Nonlinear Dynamical Inference (INDI), Moscow, 2017

RESEARCH  
PROJECTS

**Leadership (Principal investigator)**

Measuring the gains from globalization (P2015-0232:1) (SEK 1 800 000), 09/2015 - 08/2018. Funded by Jan Wallander och Tom Hedelius stiftelse

Att mäta effekterna av handel (77/17) (SEK 480 000), 09/2017 - 08/2018. Funded by Johan och Jakob Söderbergs stiftelse

### Co-applicant

Estimating elasticities: Parametric and non-parametric applications to money demand systems and consumer heterogeneity (P2012-0271:1), 01/2013 - 08/2015. Funded by Jan Wallander och Tom Hedelius stiftelse

Developing and evaluating separability tests (P2007-0147:1), 11/2008 - 12/2010. Funded by Jan Wallander och Tom Hedelius stiftelse

Testing for rationality and separability (J03/19), 01/2004 - 12/2007. Funded by Jan Wallander och Tom Hedelius stiftelse

### VISITING RESEARCHER AND STUDIES ABROAD

Department of Applied Economics, Erasmus University, Rotterdam, The Netherlands, (short research visit) 09/2017

Department of Statistical Sciences, University of Rome La Sapienza, Rome, Italy, (visiting researcher) 05/2013 - 06/2013, 04/2014 - 07/2014, 05/2015 - 12/2015

Department of Economics, Åbo Akademi, Turku, Finland, (visiting researcher) 06/2012 - 08/2012

Department of Finance and Statistics, Hanken School of Economics, Helsinki, Finland, (visiting researcher) 04/2010 - 10/2010, 01/2009 - 03/2009, 01/2008 - 03/2008

Department of Economics, University College, Dublin, Ireland, (visiting researcher) 09/2009 - 12/2009

Department of Economics and Finance, University of South Alabama, Mobile, USA, (visiting researcher) 01/2007 - 03/2007

Studies in econometrics at the Department of Economics, University of Toronto, Toronto, Canada, 09/2002 - 06/2003

### CONFERENCES AND SEMINARS

Nordic workshop on industrial organization (NORIO XI), Stockholm, Sweden, 06/2019

FAME workshop, IFN, Stockholm, Sweden, 03/2019

Society for Economic Measurement, Xiamen, China, 06/2018

Department of Economics, Lund University, Lund, Sweden, 10/2017

Erasmus School of Economics, Rotterdam, The Netherlands, 09/2017

Bank of England conference in honor of William Barnett, London, England, 05/2017

Society for Economic Measurement, Thessaloniki, Greece, 07/2016

Department of Economics and Social Science, TU Dortmund, Dortmund, Germany, 01/2014

Department of Economics, Åbo Akademi, Turku, Finland, 06/2012

Aboa Centre for Economics, Turku, Finland, 06/2012

IFN, Stockholm, Sweden, 04/2012

Economic Theory and Applications: Arne Ryde 31st Symposium, Malaga, Spain, 01/2012

Department of Economics, Binghamton University, Binghamton, USA, 10/2010

Department of Economics, University College, Dublin, Ireland, 10/2009

Department of Finance and Statistics, Hanken School of Economics, 03/2009, 04/2008, 01/2008

Helsinki Center of Economic Research (HECER), Helsinki, Finland, 03/2008

Measurement Error: Methods and Practice. International conference, Birmingham, England, 07/2007

The 2006 ESRC Econometric Study Group conference, Bristol, England, 07/2007  
Department of Economics, University of Kansas in Lawrence, Lawrence, USA, 03/2007  
Department of Economics and Finance, University of New Orleans, New Orleans, USA, 02/2007  
Department of Economics and Finance, University of South Alabama, Mobile, USA, 01/2007  
Department of Economic History, Lund University, Lund, Sweden, 10/2005  
Department of Economics, Lund University, Lund, Sweden, various occasions 2005 - 2010

PEDAGOGICAL  
QUALIFICATIONS

**Teaching (overall >650 class hours)**

*Hanken School of Economics, Helsinki, Finland*  
Mathematical Economics (undergraduate)

*Stockholm School of Economics, Stockholm, Sweden*  
Empirical Economics (undergraduate)

*Lund University, Lund, Sweden*  
Intermediate Econometrics (undergraduate)  
Time Series Analysis (graduate)  
Supervision of 5 Master theses and 3 Bachelors theses

**Pedagogical nomination**

Nominated for the best teacher award (årets föreläsare) at Hanken School of Economics in 2011

**University teacher training (pedagogical courses)**

Doctoral supervision - introduction (Forskarhandledning - introduktion), Lund University, 2012

Pedagogical University Continuation Course (Högskolepedagogisk fortsättningskurs), Lund University, 2010

The Role of the University Teacher (Läraryrollen på universitet och högskola), Lund University, 2009

ADDITIONAL  
SERVICE IN  
ACADEMICS

**Conference organization**

Served on the scientific committee for the conference: Measurement Errors: Methods and Practice, Birmingham, England, 07/2007

One of the organizers of IFN Stockholm conference "Entrepreneurship and Innovation: Past, Present and Future", 06/2018

**Academic evaluation**

Evaluator of application for Associate Professor (Docent), University of Helsinki, Finland, 2014

LANGUAGES

Swedish (mother tongue)  
English (fluent)  
Italian (conversational)  
German (beginner)

April 19, 2019