

CONTACT INFORMATION	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
ACADEMIC TITLE	Associate professor in Econometrics (<i>Swedish</i> : 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 (<i>Swedish</i> : Överassistent), 10/2011 - 02/2012
RESEARCH INTERESTS	Consumer analysis; Non-parametric econometrics; Production economics; Revealed preference
PUBLICATIONS	Index numbers and revealed preference rankings (with James Swofford and Gerald Whitney), <i>Macroeconomic Dynamics</i> 25, 81-99, 2021 Revealed preference tests of indirect and homothetic weak separability of financial assets, consumption and leisure (with James Swofford), <i>Journal of Financial Stability</i> 42, 108-114, 2019 Homothetic efficiency: Theory and applications (with Jan Heufer), <i>Journal of Business & Economic Statistics</i> 37:2, 235-247, 2019 Homothetic preferences revealed (with Jan Heufer), <i>Journal of Economic Behavior & Organization</i> 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), <i>Economic Journal</i> 127, F164-F199, 2017 <ul style="list-style-type: none">• 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

REVISE AND
RESUBMIT

Power against random expenditure allocation for revealed preference tests, *Journal of Economic Behavior & Organization*

BOOK CHAPTERS
AND CONFERENCE
PROCEEDINGS

Samuelson's approach to revealed preference theory: Some recent advances (with Thomas Demuynck). Chapter 9 in *Paul Samuelson: Master of modern economics*, R.G. Anderson, W.A. Barnett and R.A. Cord (Eds.), 193-227, 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, Review of Economics and Statistics, 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

Nya verktyg för att analysera marknader med ofullständig konkurrens (E7/20), 01/2021-12/2022.
Funded by Torsten Söderbergs stiftelse

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 re-
search visit) 09/2017

Department of Statistical Sciences, University of Rome La Sapienza, Rome, Italy, (visiting re-
searcher) 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 re-
searcher) 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 project application for National Science Centre, Poland, 2020
Evaluator of application for Associate Professor (Docent), University of Helsinki, Finland, 2014

LANGUAGES

Swedish (mother tongue), English (fluent), Italian (conversational)