

Curriculum Vitae Per Johansson

Education

Philosophy Licentiate: Stockholm School of Economics 1992.

Ph.D. Umeå University 1993

Present positions

Chair in statistics, department of statistics, Uppsala University, 2015-

Visiting professor at the Yau Mathematical Sciences Center, Tsinghua University, Beijing, China, 2019-

Research Fellow IZA 2009-

Previous positions

Researcher, IFAU, 1999-2021

Scientific advisor, The Swedish National Audit Office 2016-2018

Scientific advisor, The Swedish inspectorate of social insurance (ISF) 2010-2016

Chair in econometrics, department of economics Uppsala University (placing at IFAU), 2002-2015

Director of research, Transport and Society (T & S), Dalarna University College, 1997-1999.

Acting professor, Department of economics Umeå University, October 1999 - May 2000.

Junior research fellow, Department of economics Umeå University, 1994-1997.

Assistant master, Department of statistics. Umeå University, 1987-1988.

Academic assignments

Panel member of the European Research Council Starting Grant Call 2022.

Co-opted member of the *Prize Committee for the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel* 2020-

Member of Statistics Sweden's Scientific Advisory Board 2020-

Member of the Scientific Advisory Board of CINCH (*Competent in competition and health*) Duisburg-Essen University 2014-

Member of the Program board, *The Research Council of Norway, Human Biobanks and Health Data* 2014-2016

Member of the Program board, *The Research Council of Norway, Welfare, Working Life and Migration* (VAM) 2013-2018

Member of the research board of the *Swedish Social Insurance Agency* 2012-2018

Country team leader for the *Survey of Health, Ageing and Retirement in Europe* (SHARE) 2009 - 2012

Member of the *Swedish Social Council*, 2009-2010

Member of the board of the *Swedish council for working life and social research* (FAS), 2006-2012

Leading researcher of the *EU 6th Research Framework 512398 "Microdata Methods and Practice"*, 2002-2008

Member in management committee of the *Evaluation of the European labour market programs, COST action no A23*, 2005-2009.

Honors

Honorary professor the *School of Labor Economics Capital University of Economics and Business* 2016

Labour Economics Prize Winner 2014.

Associate professor, Department of economics Umeå University, December 1996-.

Other assignments

Special investigator in the investigation “Sickness Insurance in Change – an Evaluation (S 2022:07). 9/2/2023- 4/22024.

International visits and international lecturing

Yau Mathematical Sciences Center Tsinghua University Beijing China. October-December 2018

The School of Labor Economics Capital University of Economics and Business. Summer school. Labor economics June/July 2017-2018

European Society for Population Economics (ESPE) Summer school 2012. Panel data econometrics.

Health and Disability University of St.Gallen 2011-2013

International Institute of Applied System Analysis (IIASA), Vienna, Austria, 1988.

Post doc at the Department of Statistics, Australian National University, Canberra, Australia, 1995.

Visiting professor Department of Economics, University of New South Wales, Sydney, Australia. 2001 - 2002.

Research projects

Effects of heavy metal exposure on human capital development and productivity Jan Wallanders och Tom Hedelius Stiftelse Tore Browaldhs Stiftelse (P18-0217)

Program support “The effects of an ageing population: A life-time perspective on work, retirement, housing and health”. (FORTE dnr 2013-2482)

Incentives and determinants for higher education (VR 721-2011-6036)

Do early interventions help the sick absent back to work? And if, for whom? (Försäkringskassan dnr 16286-2008)

Development of econometric evaluation methods and efficiency and equality in education (FAS dnr 2004-1443)

Program support “interventions in social and unemployment insurance. (FAS dnr 2004-2005)

Effects of resources in schooling: dynamic efficiency, competition and peer effects. (FAS dnr 2004-1222)

Ph. D. Supervision

Main: Nikolay Angelov Uppsala University 2005; Mattias Haraldsson Uppsala University 2007; Christian Andersson Uppsala University 2007; Erica Lindahl Uppsala University 2008; Johan Vikström Uppsala University 2009; Peter Nilsson Uppsala University 2009; Caroline

Hall (former Runesson) Uppsala University 2010; Daniel Avdic Uppsala University 2014; Arizo Karimi Uppsala University 2014, Martin Nilsson Uppsala University 2014; Gabriella Chirico Willstedt Uppsala University 2016. Yuwei De Gosson de Varennes Uppsala University 2016; Mårten Schultzberg Uppsala University 2019.

Deputy: Niklas Karlsson Umeå University 1996; Maria Eriksson Umeå University 1997; Reza Mortazavi Umeå University 1999; Erik Bergkvist Umeå universitet 2000; Magnus Arnek, Uppsala University 2002; Daniel Hallberg Uppsala University 2002; Fredrik Johansson, Uppsala University 2007; Carl Orelund, Uppsala University 2007; Håkan Sehlin Uppsala University 2007; Elly-Ann Johansson Uppsala University 2010, Lisa Laun Stockholm University 2012, Fredrik Sävje Uppsala University 2015, Jenny Jans 2017.

Philosophy Licentiate

Main: Malin Person, Uppsala University, 2009

Deputy: Elly-Ann Johansson, Uppsala University, 2008

Articles in international peer reviewed journals

1. “The consequences of the Swedish rent control system on labor income: Evidence from a randomized apartment lottery”. *Journal of Public Economics*, 2023, 221, doi.org/10.1016/j.jpubeco.2023.104864, (with Cecilia Enström Öst)
2. “Model-based Bayesian inference under computer assisted balance-improving designs”. *Statistics in Medicine*. 2022, 41:21, 4245-4265. DOI: 10.1002/sim.9508. (With Junni Zhang)
3. “Inference in Experiments Conditional on Observed Imbalances in Covariates”. *The American Statistician*. 2022, 76:4, 394-404. doi:10.1080/00031305.2022.2054859. (With Mattias Nordin)
4. “Study protocol for a comparative effectiveness evaluation of abiraterone acetate against enzalutamide: a longitudinal study based on Swedish administrative registers”. *British Medical Journal* (Open). 2021, doi: 10.1136/bmjopen-2021-052610. (with Paulina Jonéus and Sophie Langenskiöld)
5. Rerandomization: A complement or substitute for stratification in randomized experiments? *Journal of Statistical Planning and Inference*. 2021, 218: 43-58 (with Mårten Schultzberg)
6. “On optimal rerandomization designs”. *Journal of the Royal Statistical Society: Series B*. 2021, 83: 395-403 (with Donald B Rubin and Mårten Schultzberg).
7. Asymptotic Inference for Optimal Rerandomization Designs. *Open Statistics* 2020; 1:49–58 (with Mårten Schultzberg) <https://doi.org/10.1515/stat-2020-0102>
8. “The impact of CBT on sick leave and health”. *Evaluation Review* 2020; 44(2-3):185-217. doi: 10.1177/0193841X20976516. (with Pathric Hägglund and Lisa Laun)
9. “Rerandomization strategies for balancing covariates using pre-experimental longitudinal data”. *Journal of Computational and Graphical Statistics* 2020 29:4, 798-813. DOI: 10.1080/10618600.2020.1753531 (with Mårten Schultzberg)
10. “Asymptotic inference for optimal rerandomization designs. *Open Statistics* 2020; 1:49–58. <https://doi.org/10.1515/stat-2020-0102>”. (With Mårten Schultzberg)
11. “Sick of family responsibilities?”. *Empirical Economics* 2020, 58, 777–814. DOI: 10.1007/s00181-018-1552-2. (with Nikolay Angelov and Erica Lindahl)
12. “Sex differences in sickness absence and the morbidity-mortality paradox: A longitudinal study using Swedish administrative registers”. *British Medical Journal* (Open)

2019;9:e024098. doi: 10.1136/bmjopen-2018-024098 (with Daniel Avdic, Patric Hägglund and Bertil Lindahl)

13. “Practical causal analysis for the treatment timing effect on doubly censored duration: effect of fertility on work span”. *Journal of the Royal Statistical Society: Series A*, 2020, 183, 1-25. doi.org/10.1111/rssa.12474 (with Nikolay Angelov and Myoung-jae Lee)
14. “Forward-looking moral hazard in social insurance”. *Labour Economics* 2019, 60, 84-98. DOI.org/10.1016/j.labeco.2019.06.003 (with Marcus Eliason and Martin Nilsson)
15. “Worker Absenteeism: Peer Influences, Monitoring, and Job Flexibility”. *Journal of the Royal Statistical Society: Series A*, 2019, 182, 605-621. DOI:10.1111/rssa.12406 (with Arizo Karimi and Peter Nilsson)
16. “Economic status, air quality and child Health: Evidence from inversion episodes”. *Journal of Health Economics* 2018, 61, 220-232. (with Jenny Jans and J Peter Nilsson)
17. “Self-screening effects of monitoring: evidence from a quasi experiment in the Swedish temporary parental benefit program”. *Oxford Bulletin of Economics and Statistics*, 2018, 80, 893-904. doi/abs/10.1111/obes.12230 (with Iida Häkkinen-Skans)
18. “Study protocol for the evaluation of a vocational rehabilitation”. *Observational Studies* 2017, 3, 1-27. (With Xavier de Luna and Philip Fowler Petra Ornstein Sofia Bill and Peje Bengtsson)
19. “Proxy variables and nonparametric identification of causal effects”. *Economics Letters* 2017, 150, 152–154 (With Xavier de Luna and Philip Fowler)
20. “What is the right profile for getting a job? A stated choice experiment of the recruitment process”. *Empirical Economics* 2017, 53, 803–826. (With Stefan Eriksson and Sophie Langenskiöld)
21. “Absenteeism, Gender and the Morbidity–Mortality Paradox”. *Journal of Applied Econometrics* 2017, 32, 440-462 (With Daniel Avdic)
22. “Privatization and quality: Evidence from elderly care in Sweden”. *Journal of Health Economics* 2016, 49, 109–119. (with Mats A. Bergman, Sofia Lundberg and Giancarlo Spagnolo)
23. “Parenthood and the Gender Gap in Pay”. *Journal of Labor Economics* 2016, 34, 545-579. (with Nikolay Angelov and Erica Lindahl)
24. “Early Interventions and Disability Insurance: Experience from a Field Experiment.” *The Economic Journal*, 2015, 127, 363-392. (with Per Engström and Patric Hägglund)
25. “Is an early retirement offer good for your health? Quasi-experimental evidence from the army”. *Journal of Health Economics* 2015, 44, 274–285. (with Daniel Hallberg and Malin Josephson)
26. ”Testing for the Unconfoundedness Assumption Using an Instrumental Assumption”. *Journal of Causal Inference* 2014, 2, 187-199. DOI: 10.1515/jci-2013-0011 (with Xavier. de Luna)
27. “Cross-border health and productivity effects of alcohol policies”. *Journal of Health Economics*, 2014, 33, 125–136 (with Tuomas Pekkarinen Jouko Verho)
28. “Screening stringency in the disability insurance program”. *The B.E. Journal of Economic Analysis & Policy* 2014, 14, 873–891. DOI: 10.1515/bejeap-2013-0095. (with Lisa Laun and Tobias Laun)
29. “Social Behaviour in Work Absence”. *Scandinavian Journal of Economics* 2013, 115, 995-1019, (with Patrik Hesselius and Johan Vikström)

30. "Effects of eligibility screening in the sickness insurance: Evidence from a field experiment". *Labour Economics* 2013, 20, 48-56. (with Laura Hartman and Patrik Hesselius)
31. "Locking-in effects due to early interventions? – an evaluation of a multidisciplinary screening programs for avoiding long-term sickness". *Evaluation Review* 2012, 36, 323 - 345 (with Erica Lindahl)
32. "Can sickness absence be affected by information meetings? Evidence from a social experiment". *Empirical Economics* 2013 44,1673–1695 (with Erica Lindahl)
33. "Social stratification and out-of-school learning". *Journal of Royal Statistical Society (A)* 2013, 176, 1-23. (with Christian Andersson)
34. "Income inequality and health: Lessons from a refugee residential assignment program". *Journal of Health Economics* 2012, 31, 617-629 (With Hans Grönqvist and Susan Niknami)
35. "The medical doctors as gatekeepers in the sickness insurance?". *Applied Economics* 2012, 44, 3615-3625. (With Per Engström)
36. "Virtues of SIN: Can Intensified Public Efforts Help Disadvantaged Immigrants?". *Evaluation Review* 35, 2011 :399-427. (with Olof Åslund)
37. "Foreign ownership and investment: do firms locate investments close to the headquarter?". *Review of World Economics* 147, 2011, 621-642 (With Mats Bergman)
38. "Can We Buy Time? Evaluation Of The Swedish Government's Grant To Remediation Of Contaminated Sites". *Journal of Environmental Management* 92, 2011, 1303-1313 (with Maria Vredin Johansson, Johanna Forslund and Eva Samakovlis)
39. "Do you want your child to have a certified teacher?". *Economics of Education Review* 30, 2011, 65-78. (with Christian Andersson, and Nina Waldenström)
40. "Non-parametric inference for the effect of a treatment on survival times with application in the health and social sciences". *Journal of Statistical Planning and Inference* 140, 2122-2137, 2010 (with Xavier de Luna)
41. "Sick of your colleagues's absence?". *Journal of European Economic Association* 7 (2–3), 1–12, 2009. (with Peter Nilsson and Patrik Hesselius)
42. "Misreporting in register data on disability status: Evidence from the Swedish Public Employment Service", *Empirical Economics* 37 (2), 411-434, 2009 (with Per Skedinger)
43. "Dynamic Treatment Assignment -- The Consequences for Evaluations using Observational Data", *Journal of Business and Economic Statistics* 26, 435-445, 2008. (with Peter Fredriksson)
44. "The importance of employer contacts: Evidence based on selection on observables and internal replication". *Labour Economics* 15, 2008, 350-369.
45. "Graphical diagnostics of endogeneity". *Advances in Econometrics*, Vol. 21, 2008, 149–168. (with Xavier de Luna)
46. "Comment on Maximum likelihood estimation in semiparametric regression models with censored data by Zeng and D.Y. Lin", *Journal of the Royal Statistical Society. Series B*, 554-555, 2007. (with de Xavier de Luna.)
47. "Exogeneity in Structural Equation Models", *Journal of Econometrics* 132, 527-543, 2006. (with de Xavir de Luna)
48. "The Effects of Attitudes and Personality Traits on Mode Choice. *Journal of Transportation (A)*, 40(6), 507-525, 2005 (with Maria Vredin Johansson and Tobias Heldt).

49. "Moral hazard and sickness insurance", *Journal of Public Economics* 89, 1879-1890, 2005 (with Mårten Palme)
50. "Economic incentives and gender differences in work absence behavior", *Swedish Economic Policy Review* 11, 33-63, 2004 (with Göran Broström and Mårten Palme)
51. "Comment on Philip de Jong and Maarten Lindeboom: Privatisation of sickness insurance: Evidence from the Netherlands", *Swedish Economic Policy Review* 11, 145-149, 2004.
52. "An Economic Analysis of Track Maintenance Costs", *Transport Policy* 11, 277-286, 2004 (with Jan-Eric Nilsson)
53. "Assessing the effects of a compulsory sickness insurance on worker absenteeism", *Journal of Human Resources* 37, 381-409, 2002 (with Mårten Palme)
54. "Strategic investments in the pulp and paper industry: a count data regression analysis", *Journal of Forest Economics* 8, 29-52, 2002. (with Mats Bergman)
55. "Weighted derivative estimation of quantal response model: simulations and applications to choice of truck freight carrier", *Computational Statistics* 15, 485-511, 2000. (with Erik Bergkvist)
56. "A household model for work absence" *Applied Economics* 30, 1493-1503, 1998. (with Kurt Brännäs)
57. "Count data regression using series expansions with applications", *Journal of Applied Econometrics* 12, 203-223, 1997. (with Colin Cameron).
58. "The value of travel time: an empirical study using repeated samples of non-business trips", *Tourism Economics* 2, 353-368, 1996. (with Reza Mortazavi)
59. "Do economic incentives affect work absence? Empirical evidence using Swedish micro data", *Journal of Public Economics* 59, 195-218, 1996. (with Mårten Palme).
60. "Panel data regression for counts", *Statistical Papers* 37, 191-213, 1996. (with Kurt Brännäs)
61. "Speed limitation and motorway road casualties: a time series count data regression approach", *Accident Analysis and Prevention* 28, 73-87, 1996.
62. Tests for serial correlation and overdispersion in a count data regression model", *Journal of Statistical Computation and Simulation* 53, 153-164, 1995.
63. "Time series count data regression", *Communications in Statistics* 23, 2907-2925, 1994. (with Kurt Brännäs)

Book chapters

1. Health, Work Capacity and Retirement in Sweden. In "Social Security Programs and Retirement Around the World: The Capacity to Work at Older Ages. Editor David Wise. The University of Chicago Press 2017 (With Laun L. and Palme M.)
2. Dynamic Treatment Assignment: The Consequences for Evaluations Using Observational Data. In Active Labor Market Policies The International Library of Critical Writings in Economics series. Edited by Robert J. LaLonde. Edward Elgar publishing. 2016 Pages 435-445.
3. Pathways to Retirement and the Role of Financial Incentives in Sweden. In Social Security Programs and Retirement Around the World: Disability Insurance Programs and Retirement (Editor David Wise). The University of Chicago Press 2015. (With Laun L. and Palme M.)

Articles in Swedish refereed journals

1. Forskare har ett ansvar. *Ekonomisk Debatt* 1 2022, 73-75. (med Pathric Hägglund)
2. 2021 års ekonomipris till David Card, Joshua Angrist och Guido Imbens. *Ekonomisk Debatt* 8, 2021, 5-14. (med många)
3. Skapar bruksvärdessystemet en inkomsteffekt? *Ekonomisk Debatt* 5 2018, 51-60. (med Cecilia Enström-Öst)
4. Förutfattade meningar, statistik och jämställdhet *Ekonomisk Debatt* 6 2016, 5-13.
5. ”Kan vi jobba tills vi blir 75?”. *Ekonomisk Debatt* 1 2016, 21-32. (med Mårten Palme och Lisa Laun)
6. ”Är en höjning av pensionsåldern ensidigt positiv?” *Ekonomisk debatt* 5 2015, 31-40. (med Daniel Hallberg)
7. ”Gränshandel med alkohol och dess effekter på hälsa” *Ekonomisk Debatt* 6 2013, 48-52. produktivitet (Med Tuomas Pekkarinen och Jouko Verho)
8. ”Vad är värst - dålig hälsa, utländsk bakgrund eller 55+?”. *Ekonomisk Debatt* 5 2013, 14-26 (med Stefan Eriksson och Sophie Langenskiöld)
9. ”Rehabiliteringsgarantins effekter på hälsa och sjukfrånvaro”. *Ekonomisk Debatt* 5 2013, 62-70 (med Pathric Hägglund, och Lisa Laun)
10. ”Tidiga insatser för sjukskrivna – rätt medicin för lägre sjukfrånvaro?” (med Per Engström, och Pathric Hägglund). *Ekonomisk Debatt*, 2, 2013 28-36
11. ”Inkomstskillnader och hälsa – lärdomar från den svenska flyktingutplaceringspolitiken”. *Ekonomisk Debatt* 6, 2012, 5-15, (med Hans Grönqvist och Susan Niknami)
12. ”Påverkas individen av omgivningens sjukfrånvaro?”, *Ekonomisk debatt* 7, 44-53, 2008 (med Hesselius, P. och Vikström, J.)
13. Hur påverkar kravet på läkarintyg sjukfrånvaron? Erfarenheter från ett socialt experiment *Ekonomisk Debatt* 2, 5-16, 2006 (med Hesselius.P och L. Larsson).
14. ”Kan anställningsstöd minska arbetslösheten?”, *Ekonomisk Debatt* 4, 6-16, 2005 (med Forslund A och L Lindqvist)
15. ”Varför lyckades det nationella IT-programmet, Swit? - en jämförelse mellan två arbetssätt”, *Ekonomisk Debatt*, 29, 293-302, 2001 (med Sara Martinson).

Swedish Books

1. ”Upp till bevis – en ESO-rapport om experiment som underlag för politik”. ESO 2021:4 Wolter Kluwer, Stockholm (med Pathric Hägglund)
2. ”Drivkrafter och möjligheter till ett förlängt arbetsliv. SNS Förlag 2018. ISBN 978-91-88637-03-1 (med Lisa Laun, Mårten Palme, Helena Olofsdotter Stensöta)
3. ”Sjukskrivningarnas anatomi – en ESO-rapport om drivkrafterna i sjukförsäkringssystemet”. ESO 2016:2 Wolter Kluwer, Stockholm (med Pathric Hägglund)
4. ”Arbetslivsinriktad rehabilitering” (S 2010:04)
5. ”Välja fritt och välja rätt - Drivkrafter för rationella utbildningsval”. SOU 2008:69 (med Nikolay Angelov och Louise Kennerberg)

Swedish Books Chapters

1. ”Påverkar ekonomiska incitament sjukskrivningsbeteendet och deltagande i arbetskraften?”, I Sweedenborg B (ed) Varför är svenskarna så sjuka? SNS förlag, Stockholm, 2003. (med Mårten Palme).

2. "Sjukförsäkringen ur ett genusperspektiv", I I Person och E Wadensjö (eds)
Välfärdens Genusansikte SOU 1998:3 (med Mårten Palme)