Erik Grenestam

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Education

2014–2019	Ph.D., Economics, Lund University
	Supervisors: Kaveh Majlesi and Petter Lundborg
2018 (spring)	Research visit at University of California, Berkeley. Sponsor: Prof. Amir Kermani
2012–2014	M.Sc., Economics, Lund University
2007–2011	B.Sc., Politics and Economics, Linköping University

Selected research projects

- **Bouncing with the Joneses? A neural network approach to consumption neighborhood effects.**

  Abstract: If one of your neighbors decides to purchase a good, does that affect your decision to buy the same good? I study this question using household level data collected in a novel way. I apply a convolutional neural network to a large set of aerial photos of single-family homes in order to infer the existence of a trampoline on the property. To estimate the neighborhood effect, I use a neighborhood fixed effects approach together with exogenous variation stemming from new neighbors moving in. I find that neighborhood effects are present, but only over short distances (the five closest neighbors) and only for prior non-owners. Information transmission between neighbors seems to be an important underlying channel. A back-of-the-envelope simulation suggests that the effect is large enough to have a significant impact on demand for this particular product.

- **Cashing out? Children and Financial Risk.** Joint with Sara Mikkelsen.

  Abstract: We document how the financial portfolios of parents change in response to the birth of a child. To identify dynamic effects around child birth, we use an event study approach with a matched treatment and control sample and a novel implementation of the same sex instrument. We find that parents reduce their financial risk by way of a a reduced propensity to participate in risky financial markets. However, the effect seems to be driven by liquidity needs rather than shifts in portfolio preferences.

Publications

- **Estimating the Impact of Agrienvironmental Schemes on Nutrient Leaching Using a Unique Combination of Data Sources.** Joint with Martin Nordin. 2018. Land Use Policy, vol 74, pp. 388-398.

Teaching experience

2015-2017   NEKA12, Intro to Microeconomics. Teaching assistant and later main lecturer.
2017-2018   EXTA40, Intro to Microeconomics for Engineers. Main lecturer.

Conferences and presentations

2016   EAERE at ETH Zurich, co-author presented
2017   VSAE Econometric Games, finalist, at University of Amsterdam. Copenhagen-Lund workshop in Health Economics at SFI, Copenhagen, co-author presented. EALE at University of S:t Gallen. National Ph.D. Workshop in Finance at the Swedish House of Finance, Stockholm.
2018   Arne Ryde seminar at Lund University. SNS Job Market, Stockholm.
2019   Brown bag seminar at Lund University. Nationalbanken, Copenhagen.

Other experience

- Research assistant to Kaveh Majlesi and Petter Lundborg. (2015-2018)

  Tasks: I sourced and compiled data on a large number of securities and real estate transactions. I combined the data with Swedish registers to implement a measure of household consumption. I also developed a script to estimate the portfolio volatility for a large number of Swedish investors.

- Freelance reporter and editor for a local newspaper (Östgöta Correspondenten). (2008-2012)

Software skills

Python, R, STATA, Matlab, QGIS.

References

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