

PHILIPP EISENHAUER

Professor of Applied Microeconomics

CONTACT DETAILS

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PUBLICATIONS

The approximate solution of finite-horizon discrete choice dynamic programming models: Revisiting Keane & Wolpin (1994) *Journal of Applied Econometrics*, 2019, vol. 34(1), pp. 149–153.

The generalized Roy model and the cost-benefit analysis of social programs (with J. Heckman and E. Vytlačil) *Journal of Political Economy*, 2015, vol. 123(2), pp. 413–443.

Estimation of dynamic discrete choice models by maximum likelihood and the simulated method of moments (with J. Heckman and S. Mosso) *International Economic Review*, 2015, vol. 56(2), pp. 331–357.

WORKING PAPERS

Robust investment under risk and ambiguity (with M. Blesch), submitted

Robust human capital investment under risk and ambiguity, (with R. Suchy), under revision

RESEARCH IN PROGRESS

E^2 : Economics meets epidemiology (with J. Hasenauer and L. Janys)

Intertemporal altruism (with F. Chopra, A. Falk, and T. Gräber)

Labor supply, expectations, and the part-time penalty (with B. Ilieva, P. Haan, A. Schrenker, and G. von Weizsäcker)

General education, vocational training, and labor market outcomes over the lifecycle (with A. Gehlen and A. Schiprowski)

The option value of education (with M. Bhuller and M. Mendel)

Sparse grids and machine learning methods for structural microeconomic models (with J. Gabler, D. Mikushin, and S. Scheidegger)

Uncertainty quantification for structural microeconomic models (with J. Gabler, L. Janys, and T. Mensinger)

RESEARCH SOFTWARE

respy	Open-source package for the solution, simulation, and estimation of Eckstein–Keane–Wolpin models
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EDUCATION

11/2014–09/2019	Postdoctoral Scholar at the University of Bonn
03/2013–10/2014	Postdoctoral Scholar at the University of Chicago Advisor: James J. Heckman
09/2007–03/2013	Ph.D. in Economics at the University of Mannheim Thesis: <i>Essays in the Econometrics of Policy Evaluation</i> Advisors: Wolfgang Franz and James J. Heckman

TEACHING

Bonn	Microeconometrics, Labor Economics, Scientific Computing for Economists, Econometrics of Policy Evaluation, Structural Behavioral Economics
Chicago	Software Engineering for Economists, Computational Econometrics

GRANTS

06/2019	<i>Excellence Strategy</i> for support of Open Source Economics (EUR 90,000)
06/2015	<i>AXA Research Fund</i> for research on robust decisions over the life cycle (EUR 120,000)
02/2015	<i>Microsoft Research Grant</i> for access to Microsoft Azure cloud computing infrastructure in support of research (USD 20,000)

01/2015	<i>Microsoft Educator Grant</i> for access to Microsoft Azure cloud computing infrastructure in support of teaching (USD 21,000)
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PROFESSIONAL AND DEPARTMENTAL SERVICES

since 2019	Domain Co-Chair for Emerging Application of the <i>Platform for Advanced Scientific Computing (PASC)</i> Conference
since 2018	Founder of <i>OpenSourceEconomics</i> , a platform for transdisciplinary collaboration between economists, mathematicians, and computational scientists
06/2019	Co-Organizer of the <i>Conference on the Structural Behavioral Economics</i> at the Institute on Behavior & Inequality (BRIQ)
11/2017	Co-Organizer of the <i>Conference on the Structural Analysis of Inequality</i> at the Institute on Behavior & Inequality (BRIQ)
03/2015–06/2015	Co-Organizer of the <i>Computational Economics Colloquium</i> at the University of Chicago
Refereeing	Econometrica, Journal of Political Economy, American Economic Review, The Review of Economic Studies, The Quarterly Journal of Economics, International Economic Review, National Science Foundation

PRESENTATIONS

Presentations	University of Cologne, University of Chicago, Yale University, University of Zurich, University of Bonn, IZA Bonn, DIW Berlin, ZEW Mannheim (among others and including scheduled)
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November 2, 2020