Curriculum Vitae
Lukáš Laffers

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Year of Birth:	1986 (Banská Bystrica, Slovakia)
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Date of CV:	Dec 2024

Education/Employment

2024–		Associate professor, Department of Mathematics, Faculty of Natural Sciences, Matej Bel University in Banská Bystrica
2023–		Adjunct associate professor (part-time), NHH - Norwegian School of Economics, Department of Economics, Bergen
2024	doc.	Associate professor of Economics (docent) by Masaryk University in Brno. Habilitation thesis title: *Essays in econometrics of Model Uncertainty.*
2014	PhD.	NHH - Norwegian School of Economics and Business Administration, Department of Economics (advisor: Gernot Doppelhofer). Title: *Essays in Partial Identification*
2011		Visiting PhD student, University of Cambridge, Faculty of Economics (advisors: Richard J. Smith and Alexei Onatski)
2009	Mgr.	Comenius University, Faculty of Mathematics Physics and Informatics, Mathematics of Economics and Finance (with Honors)

Published works in Economics/Econometrics

2024	Choosing the right workplace experience - A dynamic evaluation of three activation programmes for young job seekers in Slovakia (with Miroslav Štefánik, **Journal of Labour Market Research**, 2024, 16 (58), 1—22)
2024	Double machine learning in sample selection models (with Michela Bia and Martin Huber) **Journal of Business & Economic Statistics**, 42 (3), pp 958—969,
2022	Bounds on direct and indirect effects under treatment/mediator endogeneity and outcome attrition (with Martin Huber) **Econometric Reviews**, IF: 1.605, 41 (10), pp 1141—1163
2022	Double machine learning for (weighted) dynamic treatment effects (with Hugo Bodory, Martin Huber) **Econometrics Journal**, IF: 4.571, 25 (3), pp 628—648
2022	Sensitivity of Bounds on ATEs under Survey Non-response (with Roman Nedela) **Econometrics and Statistics**, forthcoming
2022	Causal mediation analysis with double machine learning (with Helmut Farbmacher, Martin Huber, Henrika Langen a Martin Spindler) **Econometrics Journal**, IF: 4.571, 25 (2), pp 277–300

2021	Early Child Development and Parents' Labor Supply (with Bernhard Schmidpeter) **Journal of Applied Econometrics**, IF (2019): 1.901, 36, (2), pp 190–208
2021	The Impact of Repeated Mass Antigen Testing for COVID-19 on the Prevalence of the Disease (with Martin Kahanec and Bernhard Schmidpeter) **Journal of Population Economics**, IF (2019): 1.840, 34, pp 1105–1140
2019	Bounding Average Treatment Effects using Linear Programming, **Empirical Economics**, IF: 1.309, 57 (3), pp 727–767
2019	Identification in Models with Discrete Variables, **Computational Economics**, IF: 1.317, 53 (2), pp 657–698
2017	Sharp IV bounds on average treatment effects on the treated and other populations under endogeneity and noncompliance, (with Martin Huber and Giovanni Mellace), **Journal of Applied Econometrics**, IF: 2.336, 32, (1), pp 56-79
2017	Sensitivity of Bounds on ATE in the Presence of Sample Selection (with Roman Nedela), **Economics Letters**, IF:0.71, 158, pp 84-87
2017	A Note on Testing Instrument Validity for the Identification of LATE (with Giovanni Mellace), **Empirical Economics**, IF: 0.974, 53 (3), pp 1281-1286
2013	A Note on Bounding Average Treatment Effects, **Economics Letters**, IF: 0.623, 120, pp 424-428

Work in progress

2024	Testing identification in mediation and dynamic treatment models (with Martin Huber and Kevin Kloiber)
2024	Mothers' job search after childbirth (with Bernhard Schmidpeter)
2024	Treatment Effects for Discrete Misreported Outcomes (under Endogeneity) (with Daniel Gutknecht and Giovanni Mellace)
2024	Afraid of Automation? Choose your Training Carefully (with Zuzana Koštálová and Miroslav Štefánik)
2023	Locking-in or Pushing-out: The Caseworker Dilemma (with Miroslav Štefánik)
2020	Identification of the Average Treatment Effect when SUTVA is violated (with Giovanni Mellace)

Teaching experience

MUNI	PhD Econometrics
UMB	Probability and Statistics 1 and 2
	Probability theory
	Regression analysis 1 and 2
	Stochastic processes
	Financial mathematics 2
	Computation and Simulation in R 3
NHH	Optimisation and microeconomic theory
	PhD Refresher Course in Mathematics and Statistics
	PhD Introduction to Numerical Methods using MATLAB

Scientific Grants

2023–	VEGA 1/0398/23 - Causality and machine learning in econometric models (Principal Investigator)
2022–	APVV-21-0360 - Applying machine learning methods to support labour market policy making
2020–22	VEGA 1/0692/20 - Sensitivity analysis in econometric models (Principal Investigator - within VEGA 2022 projects with most significant results)
2020	GAČR 20-16786S - Online activity and financial markets
2018–21	APVV-17-0329 - Generating scientific information to support labour market policy making (received rating: excellent)
2017–19	VEGA 1/0843/17 - Econometric methods for identification of average treatment effects (Principal Investigator - within VEGA 2019 projects with most significant results).
2015	Royal Economic Society Conference Grant
2011	Professor Wilhelm Keilhaus Memorial Fund for Economic Scientific Research

Scientific/Academic Honors

2020–	Fellow of the Slovak Economic Association
2018	Economicus (VÚB foundation) - Best paper in economics in 2017 for economists under 40 in Slovakia - shared with Martin Huber and Giovanni Mellace.
2015–16	Career Integration Fellowship (CIF), CERGE-EI Prague
2006–08	Merit Scholarship (academic results top 5%)

Conferences and Presentations

2024	European Association for Labour Economics (EALE) in Bergen, Slovak Economic Association Meeting (SEAM) in Bratislava, COMPIE in Amsterdam, PROBASTAT in Smolenice
2023	Machine Learning in program evaluation, high-dimensionality and visualization techniques in Luxembourg, SEAM in Banská Bystrica, Meeting of the Institute of Economic Research (MIER) in Smolenice
2022	MIER in Smolenice, Norwegian School of Economics, SEAM in Bratislava, Turku School of Economics (virtual), Charles University, ROBUST (Czech Statistical Society meeting), Annual Conference of the International Association for Applied Econometrics in London
2021	SEAM - Nitra, Czech Economic Society Conference (virtual), Swiss Society of Economics and Statistics Congress (virtual), COMPIE (virtual)
2020	Econometric Society World Congress (virtual), EEA Congress (virtual), SEAM Bratislava (virtual), CMStatistics (virtual)

2019	SAV Bratislava, IAAE Meeting Cyprus, EEA Congress Manchester, SEAM Brno
2018	RES Conference Brighton, University of Fribourg
2017	SEAM Košice, UPJŠ Košice
2016	Toulouse School of Economics, SEAM Bratislava, IAAE Meeting Milan
2015	Comenius University Bratislava, SEAM Košice, RES Conference Manchester, Paris School of Economics, University of Gothenburg
2014	University of Southern Denmark Odense, NHH Bergen
2013	University College London, NHH Bergen
2012	University College London, NHH Bergen, University of Bergen, UMB Banská Bystrica
2011	University of Cambridge, NHH Bergen, University of Bergen

Refereeing

Journals	Journal of Royal Statistical Society - series C, Journal of Econometrics, Oxford Bulletin of Economics and Statistics, Journal of Human Resources, Biometrics, Advances in Statistical Analysis, Empirical economics, Journal of Econometric Methods, European Journal of Operations Research, Journal of Environmental Economics and Management, Journal of Economics (Ekonomický časopis), Research in Statistics, Journal of Statistical Computation and Simulation, Journal of Data Science,
Policy	Social Policy Institute, Institute for Healthcare Analyses,
Grants	VEGA grant scheme (Slovakia), Riksbankens Jubileumsfond (Sweden)
PhD	External referee (CERGE-EI)

Research Interests

Econometrics - Treatment effects, Partial identification, Model uncertainty, Sensitivity analysis, Labor economics, Policy evaluation, Machine learning

Personal Skills and Competencies

Languages	Slovak, English (fluent)
Computer skills	R, Matlab, Stata, Tex

Supervised students

2024	Bc.: Michaela Kecskésová - Implementation of Sample Selection Estimators into Double Machine Learning Framework (external consultant)
2024	Bc.: Daniela Rušinová - Základné princípy vizualizácie štatistických dát
2024	Bc.: Laura Veltyová - Chýbajúce pozorovania v štatistickom testovaní hypotéz
2023	Bc.: Dominik Pajonk - Štatististické paradoxy
2022	Mgr.: Simona Zemanová - Statistical models of survival analysis
2020	Bc.: Patrik Liba - Predikcia výnosov akcií pomocou strojového učenia
2020	Mgr.: Matúš Halaj - Neparametrická regresia
2019	Mgr.: Igor Liška - Google trends as a tool for prediction
2017	Mgr.: Lukáš Zubaj - Pravdepodobnostné modelovanie tém
2016	Mgr.: Martina Marhefková - Štatistické modelovanie frekvencie dopravných nehôd