Curriculum Vitae
Lukáš Lafférs

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Year of Birth:	1986 (Banská Bystrica, Slovakia)
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Date of CV:	Sep 2026

Employment

Oct 2026–	Researcher, Institute of Economic Research, Slovak Academy of Sciences, Bratislava
2023–	Adjunct Associate Professor (Associate Professor II, part-time), NHH - Norwegian School of Economics, Department of Economics, Bergen
2021–	Researcher II (part-time, 2025–) and Lecturer in PhD Econometrics (2021–), Masaryk University, Department of Economics, Brno
2026–	Academic Consultant in econometrics (occasional), National Bank of Slovakia, Bratislava
2014–2026	Associate Professor 2024–Sep 2026 (Assistant Professor 2014–2024), Department of Mathematics, Faculty of Natural Sciences, Matej Bel University in Banská Bystrica

Qualifications

2024	doc.	Habilitation (Associate Professor of Economics), Masaryk University in Brno. Thesis: *Essays in Econometrics of Model Uncertainty.*
2014	PhD.	PhD in Economics, NHH - Norwegian School of Economics, 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). Thesis: *Empirical likelihood estimation of interest rate diffusion model*

Published works in Economics/Econometrics

Citations (Sep 2026): Google Scholar 929, Web of Science (excl. self-citations) 408

forthc.	Correcting for Nonignorable Nonresponse Bias in Ordinal Observational Survey Data (with Jozef Michal Mintal and Ivan Sutoris), **Political Analysis**, accepted, forthcoming 2026.
2025	Sensitivity of Bounds on ATEs under Survey Non-response (with Roman Nedela), **Econometrics and Statistics**, IF (2024): 2.0, 34, 1—13.
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**, IF: 1.7, 16 (58), 1—22.

2024 Double machine learning for sample selection models (with Michela Bia and Martin Huber) **Journal of Business & Economic Statistics**, IF: 2.5, 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 Evaluating (weighted) dynamic treatment effects by double machine learning (with Hugo Bodory, Martin Huber) **Econometrics Journal**, IF: 4.571, 25 (3), pp 628—648.

2022 Causal mediation analysis with double machine learning (with Helmut Farbmacher, Martin Huber, Henrika Langen and Martin Spindler) **Econometrics Journal**, IF: 4.571, 25 (2), pp 277–300. Editor's choice; top 1% most-cited WoS papers in Economics & Business.

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 the Bounds on the 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 (3), pp 424-428.

Work in progress

Testing Full Mediation of Treatment Effects and the Identifiability of Causal Mechanisms (with Martin Huber and Kevin Kloiber), arXiv:2603.04109

Causal Mechanisms of Relative Age Effects on Adolescent Risky Behaviours (with Luca Fumarco and Francesco Principe), HEDG Working Paper 26/01

Testing Identification in Mediation and Dynamic Treatment Models (with Martin Huber and Kevin Kloiber), arXiv:2406.13826

Relationship Between Phosphatidylethanol Levels and AUDIT Score in Hospitalized Patients with ACLD: Modifying Effects of Time-To-Tertiary Care and Anemia (with Lubomír Skladaný et al.)

Heterogeneity in Intergenerational Transmission of Education: Evidence from Norway (with Aline Bütikofer and Kjell Salvanes)

Quantile Regression Coefficients for Individual Treatment Effects (with Juraj Bodik)

Mothers' Job Search after Childbirth and Earnings (with Bernhard Schmidpeter)

Afraid of Automation? Choose your Training Carefully (with Zuzana Koštálová and Miroslav Štefánik), IER SAS Working Paper

Locking-in or Pushing-out: The Caseworker Dilemma (with Zuzana Koštálová and Miroslav Štefánik), IER SAS Working Paper

Identification of the Average Treatment Effect when SUTVA is violated (with Giovanni Mellace), SDU Discussion Paper 3/2020

Teaching experience

MUNI	PhD Econometrics (2021–)
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
Texts	Online lecture notes: Probability and Statistics 1 (`lukaslaffers.github.io/pas1`), Probability and Statistics 2 (`lukaslaffers.github.io/pas2`)
NHH	Optimisation and microeconomic theory
	PhD Refresher Course in Mathematics and Statistics
	PhD Introduction to Numerical Methods using MATLAB

Scientific Grants

2026–28	VEGA 1/0645/26 - Causal inference in econometric models (Principal Investigator)
2022–26	APVV-21-0360 - Applying machine learning methods to support labour market policy making
2021–	COST-CA21163 - Text, functional and other high-dimensional data in econometrics: new models, methods, applications (Management Committee member for Slovakia)
2023–25	VEGA 1/0398/23 - Causality and machine learning in econometric models (Principal Investigator - within VEGA 2025 projects with most significant results)
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
2017–21	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

2026	Martin Filko Prize (Slovak Economic Association) - for scientific contribution in applied economics and data methods, and for popularisation of economics (economists under 40).
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

2026	European Causal Inference Meeting (EuroCIM) in Oxford, National Bank of Slovakia, University of Lausanne, Young Economists' Meeting (YEM) in Brno, Slovak Economic Association Meeting (SEAM, joint SEA–NOeG meeting) in Vienna
2025	JRC - European Commission (Ispra), VŠE (Prague), Meeting of the Institute of Economic Research (MIER) in Smolenice, University of St. Gallen, SEAM in Nitra, Matej Bel University, Conference of Slovak Mathematicians (Jasná)
2024	European Association for Labour Economics (EALE) in Bergen, 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, 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 Econometrics, Journal of the Royal Statistical Society: Series C (Applied Statistics), Quantitative Economics, Journal of Applied Econometrics, Oxford Bulletin of Economics and Statistics, Biometrics, Journal of Human Resources, Economics Letters, Empirical Economics, Advances in Statistical Analysis, Journal of Econometric Methods, European Journal of Operational Research, Journal of Environmental Economics and Management, Research in Statistics, Journal of Statistical Computation and Simulation, Statistical Methods in Medical Research, Journal of Data Science, Applied Economics, Ekonomický časopis (Journal of Economics)
Policy	Social Policy Institute, Institute for Healthcare Analyses
Grants	Luxembourg National Research Fund, Riksbankens Jubileumsfond (Sweden), VEGA grant scheme (Slovakia)
PhD	PhD committee member: University of St. Gallen, CERGE-EI, Comenius University in Bratislava

Research Interests

Econometrics - Causal inference, Treatment effects, Partial identification, Model uncertainty, Sensitivity analysis, Machine learning methods for causal analysis (double machine learning, causal mediation analysis), Labor economics, Policy evaluation, Analysis of medical data

Personal Skills and Competencies

Languages	Slovak (native), English (fluent, C1–C2)
Computer skills	R, Matlab, Stata, EViews, Python, LaTeX, Git

Supervised students

2025	Mgr.: Petronela Jasenáková - Extensions of double machine learning methods
2025	Mgr.: Dominik Pajonk - Directed acyclic graphs in the estimation of causal models
2025	Mgr.: Samuel Hruška - Statistical analysis of set-up errors in radiotherapy
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