Mauricio Olivares

Contact Information	Department of Statistics Ludwig–Maximilians–Universität München Akademiestr. 1, 80799 Munich, Germany	E-mail: m.olivares@lmu.de Website: mauolivares.github.io

Academic Positions

Assistant Professor (*Akademischer Rat a.Z.*) *Department of Statistics, LMU Munich*	10/2022 – present
Postdoctoral Research Fellow *Department of Economics, University College London*	09/2021 – 09/2022

Education

University of Illinois Urbana Champaign (UIUC)	
PhD in Economics	2021 [§]
Instituto Tecnológico Autónomo de México (ITAM)	
M.A. in Economic Theory	2014 [§]
B.A. in Economics	2012 [†]

Grants

LMU-NYU Research Cooperation Program (EUR 29.5k, Co-PI)	2025

Honors and Awards

List of Teachers Ranked as Excellent (Graduate Course), UIUC	2017, 2018
Excellence in Graduate Teaching Assistantship (Graduate Course), UIUC	2018
Summer Research Fellowship, UIUC	2016, 2017, 2019
University of Illinois Doctoral Fellowship	2014 – 2015
Excellence Scholarship for Graduate Degree, ITAM	2013 –2014

Published or Forthcoming

[1] "A Primer on Power and Sample Size Calculations for Randomisation Inference with Experimental Data," with Brandon Hauser.
Fiscal Studies, 46(3), p. 349-371, 2025

[2] "Quantile-based Test for Heterogeneous Treatment Effects," with EunYi Chung.
Journal of Applied Econometrics, 40(1), p. 3-17, 2025

[3] "Permutation Test for Heterogeneous Treatment Effects with a Nuisance Parameter," with EunYi Chung.
Journal of Econometrics, 225(2), p. 148-174, 2021

---

§: Degree granted in 2022. †: Degree granted in 2014.

Working Papers	[1] "Robust Permutation Test for Equality of Distributions under Covariate-Adaptive Randomization"
	[2] "A Powerful Bootstrap Test of Independence in High Dimensions," with Tomasz Olma and Daniel Wilhelm

Talks

2025	LMU-Todai Econometrics Workshop
2024	UIUC, Notre Dame, University of Innsbruck
	TUM Junior Research Day, LMU Munich–U Tokyo (Todai) Workshop, Bonn–Mannheim–Munich Workshop in Microeconometrics
2023	University of Bonn
	UIUC Big-Data, High-Dimensional Models, and Machine Learning (cancelled); Notre Dame–ITAM Mini-Conference on Poverty and Development Economics Research (PODER).
2022	University of Salzburg
	Encounters in Econometric Theory (Nuffield College, Oxford University); Bristol Econometrics Study Group
2021	University College London, University of Amsterdam, New Economic School, Central European University, University of Bonn, University of Bologna, University of Verona, Universidad del Rosario
	International Association for Applied Econometrics Annual Conference, EEA–ESEM
2020	ITAM Alumni Conference; Graduate Student Seminar (UIUC, Boston University)
2019	Banco de México, Graduate Student Seminar (UIUC)
2018	AEA CTREE (San Antonio); ITAM Alumni Conference

Teaching

LMU — **Lecturer**

Econometric Theory (Master)	04/2023 – present
Seminar on Treatment Effects (Master)	04/2023 – 07/2024
Applied Causal Analysis (Bachelor)	10/2024 – present

UIUC — **Teaching Assistant**

Econometric Analysis II (PhD)	Summer Semester 2017, 2018
Economic Statistics (Bachelor)	Fall Semester 2015, 2016, 2017
Principles of Macroeconomics (Bachelor)	Summer Semester 2016

ITAM — **Lecturer**

Econometrics (Bachelor)	Summer 2015

Service

Referee for European Economic Review, International Journal of Biostatistics, Journal of Econometrics, Journal of the Royal Statistical Society: Series C, Journal of Economic Education

LMU Munich:

Co-organizer LMU-NYU Advances in Policy Analysis 2025

Co-organizer CeMMAP Munich Econometrics Workshop 2023-2025.

Co-organizer LMU-Todai Econometrics Workshop 2024, 2025

Graduate Admissions Committee 2024, 2025

Supervision of several master and bachelor theses per year

Program Committee Member LACEA–LAMES 2021, CLeaR2025

Software	**hdIndep** (R Package), **RATest** (R Package), available on CRAN	
Other Employment	Econometrics Lab Consultant, UIUC	$05/2018 - 08/2021$
	Visiting Researcher, Banco de México (Mexican Central Bank)	$06/2019 - 08/2019$
	Research Analyst, The World Bank	$12/2013 - 06/2014$
Personal Information	Born in Mexico. Austrian/German Residency.	
	Languages: English, German (intermediate), Spanish (native)	