

Mauricio Olivares

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EDUCATION

University of Illinois at Urbana-Champaign (UIUC)

PhD. in Economics

2021 (*expected*)

Instituto Tecnológico Autónomo de México (ITAM)

Ms. in Economic Theory

2014

B.A. in Economics

2012

RESEARCH INTERESTS

Econometric Theory, Applied Econometrics

PAPERS

Permutation Test for Heterogeneous Treatment Effects with a Nuisance Parameter

Joint with EunYi Chung, Forthcoming in the *Journal of Econometrics* [\[PDF\]](#)

WORKING PAPERS

1. Robust Permutation Test for Equality of Distributions under Covariate-Adaptive Randomization [\[PDF\]](#)

2. Comment on “Can Variation in Subgroups’s Average Treatment Effects Explain Treatment Effect Heterogeneity? Evidence from a Social Experiment.”

Joint with EunYi Chung [\[PDF\]](#)

WORK IN PROGRESS

Spectral Based Randomization Test for White Noise

Permutation Test for Finite Variances (with Minchul Shin)

RESEARCH EXPERIENCE

Department of Economics, UIUC.

Research Assistant to EunYi Chung

Jan 2016–Dec 2016, Aug 2017–Dec 2017

In charge of the Econometrics Lab

May 2018–August 2021

Banco de México.

Visiting Researcher, Directorate General of Economic Research

June - Aug 2019

Center for Economic Research (CIE), ITAM.

Research Assistant to Ignacio Lobato

Aug 2013 - Jul 2014

Research Assistant to Joyce Sadka

Jun 2012 - Jul 2013

Law School, ITAM.

Research Assistant to Jorge Luis Silva Méndez

Jul 2010 - May 2012

TEACHING EXPERIENCE

Department of Economics, UIUC

Teaching Assistant

Econometric Analysis II (Graduate, Prof. EunYi Chung)

Spring 2017, 2018

Economic Statistics (Undergraduate)

Fall 2015, 2016, 2017

Principles of Macroeconomics (Undergraduate)

Spring 2016

Department of Statistics, ITAM

Lecturer - *Econometrics (Undergraduate)*

Summer 2015

Department of Economics, ITAM

Teaching Assistant - *Introductory Econometrics (Undergraduate)*

Jan 2010 - May 2014

HONORS AND AWARDS

List of Teachers Ranked as Excellent - Econometric Analysis II (Graduate)	2017, 2018
Excellence in Graduate Teaching Assistantship [Ph.D.] (EGSA, UIUC)	2018
Top 10, World Championship of Econometrics (VSAE Econometric Game), Amsterdam	2017
Summer Research Fellowship, University of Illinois	2016, 2017, 2019
Departmental Fellowship, University of Illinois	2014-2015
Excellence Scholarship for Graduate Degree, ITAM	2013-2014

PROFESSIONAL ACTIVITIES

Referee Activities: Journal of Economic Education, Journal of the Royal Statistical Society: Series C .

Committees: Program Committee Member LACEA–LAMES 2021.

Seminars and Presentations

2018: AEA CTREE (San Antonio), ITAM **2019:** Banco de México **2020 (Virtual):** ITAM, Graduate Student Seminars at UIUC and Boston University. **2021 (Virtual):** University of Amsterdam, New Economic School, Central European University, University of Bonn, University of Bologna, University of Verona, LMU Munich, Universidad del Rosario, IAAE 2021 Conference, EEA–ESEM 2021.

SOFTWARE

R packages:

RATest: A collection of randomization tests. 2017
Joint with Ignacio Sarmiento Barbieri. Available on [CRAN](#)

Programming Languages

R, Stata, Unix System Administration, Matlab, SQL, Eviews

OTHER EMPLOYMENT

World Bank

Research Analyst Dec 2013- Jun 2014

REFERENCES

Prof. EunYi Chung
Department of Economics
UIUC
✉ eunyi@illinois.edu

Prof. Roger Koenker
Department of Economics
University College London
✉ rkoenker@uic.edu

Prof. Dan Bernhardt
Department of Economics
UIUC
✉ danber@illinois.edu