Isaac Meza López

Personal Data

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PERSONAL PAGE: isaacmeza.github.io/personal/

Education

Expected 2027	Ph.D in Economics, **Harvard University**. Eliana and Artur De Oliveira Graduate Fellowship Fund, 2023-2024
May 2020	Master of Science in Industrial Engineering and Operations Research, **University of California Berkeley**.
Jun 2019	B.A. in Economics, **Instituto Tecnológico Autónomo de México** (ITAM) | Graduated with *Special Mention*. **Thesis** : *Confidence region via the RWP function: an application to synthetic control methods* Under the supervision of Enrique Seira Bejarano & Ignacio Lobato - First place in the XXV Research Award ExITAM.
Nov 2018	B.S. in Applied Mathematics, **Instituto Tecnológico Autónomo de México** (ITAM) | Graduated with *Honorary Mention*. **Thesis** : *Geometry of Banach Spaces and Fixed Point Theory* Under the supervision of César Luis García García & Carlos Bosh Giral - Special mention in the XXV Research Award ExITAM
Jul 2011	High School. IB Diploma Programme. **Instituto Tecnológico y de Estudios Superiores Monterrey** (ITESM) | Graduated with *Honorary Mention*.

Research

Working paper	Nested Nonparametric Instrumental Variable Regression Joint work with Rahul Singh
Working paper	Non-linear approximate residual balancing in high dimensions.
Working paper	Structured Payment in Pawnshop Borrowing: Mandates vs. Choice Joint work with Francis DiTraglia, Craig McIntosh, Enrique Seira Bejarano and, Joyce Sadka.
Working paper	Bandits and online optimization in infinite spaces. UMD spaces are UMD-learnable.
Working paper	Inference in Synthetic Control Methods using the Robust Wasserstein Profile function
Working paper	Genericity of spaces with the extended García-Falset coefficient: $R(t, X) < 1 + t$ for some $t > 0$.

Research Experience

Jun 2023 - Aug 2023	Research assistant : Davide Viviano - Harvard University. Rahul Singh - Harvard University.
Aug 2021 - Aug 2022 Jan 2015 - Aug 2019	Research assistant : Enrique Seira Bejarano - Center of Economic Research (CIE), ITAM.
Jan 2017 - Aug 2019	Research assistant : Joyce Sadka - Center of Economic Research (CIE), ITAM. Christopher Woodruff - Oxford.
May 2016 - Aug 2016	Research assistant of Berta Gamboa de Buen at CIMAT.
Jan 2014 - Jan 2015	Research assistant of Alejandro Hernández Delgado at ITAM.
May 2015 - Sept 2015	Short term consultant (STC) for the World Bank Group.

Teaching experience

Fall 2025 Fall 2024	TF for Principles of Econometrics - ECON 2120 (Harvard University)
Spring 2025	TF for Econometric Methods - ECON 2140 (Harvard University)
Summer 2021	GSI for Introduction to Economics - Econ 1 (UC Berkeley)
Summer 2021	GSI for Macroeconomic Analysis for Business Decisions - UGBA 101B (Walter A. Haas School of Business)
Jan 2021 - May 2021	GSI for Decision Analytics - IEOR 166 (UC Berkeley)
Aug 2020 - Dec 2020	GSI for Applied Stochastic Processes . IEOR 263A (UC Berkeley)
Jan 2019 - May 2019	Instructor for A short course in Econometrics (ITAM)
Aug 2014 - May 2019	TA for Intermediate Macroeconomics (ITAM)
Jan 2014 - May 2014	TA for Abstract Algebra I (ITAM)

Areas of Interest

Economics:	Causal Inference, Applied Econometrics, Application of Machine Learning methods to causality.
Mathematics:	High-Dimensional Probability.

Technical Skills

Basic Knowledge:	Mathematica, Java , SQL
Advanced Knowledge:	MATLAB, R, Stata, Python.