

Felipe Diaz Klaassen

✉ felipe.diaz.k@gmail.com, ☎ (+1) 217-979-6631

🌐 sites.google.com/view/felipe-diaz-k/

🌐 linkedin.com/in/felipe-diaz-klaassen

EDUCATION

University of Illinois Urbana-Champaign

August 2015 – May 2022

Ph.D. in Economics

Urbana, IL

STEM, Quantitative Economics and Econometrics after 2016

Research: “Essays on the Design of Criminal Justice Institutions,”—Used an (unbiased) jackknife instrumental variables estimator, and the quasi-random assignment of judges, to identify the causal effects of alternative criminal punishments on reoffending. Extended traditional model of bargaining under imperfect information to study the trade-offs of trial length.

Fields: Labor Economics, Applied Microeconomics, Political Economy

University of Chile

August 2013 – May 2015

M.S. in Economics

Santiago, Chile

Master's Thesis: “Costly Information Acquisition and Voluntary Voting”

Major GPA: 6.5/7.0 (equiv 4.0/4.0), Maximum Distinction

B.S. in Industrial Engineering | Major GPA: 6.1/7.0 (equiv 4.0/4.0), Maximum Distinction

PROFESSIONAL EXPERIENCE

Banco de Crédito e Inversiones (BCI)

January 2015 – July 2015

Process Engineer, Risk Management Team

Santiago, Chile

- Development of procedures for Volcker Rule compliance.

IM Trust

August 2012 – July 2013

Analyst, Strategy Department

Santiago, Chile

- Asset allocation using multi-factor asset pricing models and Black-Litterman approach.
- Portfolio risk exposure using VaR.

ACADEMIC EXPERIENCE

University of Illinois Urbana-Champaign

Teaching Assistant of “Big Data Analytics”, Gies College of Business

January 2020 – present

- Topics covered: data visualization, machine learning, A/B testing, R programming within AWS.

Urbana, IL

Teaching Assistant of “Principles of Microeconomics”, Department of Economics

August 2016 – December 2019

Urbana, IL

Research Assistant, Department of Economics

May 2016 – Jul 2016, May 2019 – Jul 2019, May 2020 – Dec 2020

Urbana, IL

- Health production modeling using constrained optimization methods in Matlab and R.
- Data analysis and spatial visualization using R, Python, and QGIS.
- Causal inference with few clusters (wild and score bootstrap).

SKILLS

- R (Advanced), Stata (Advanced), Python, Matlab, Java, SQL
- Econometrics, Causal Inference, Machine Learning, Web Scraping, Data Visualization
- Advanced Presentation and Reporting Skills with \LaTeX and Microsoft Office

RESEARCH

- Crime and (Monetary) Punishment
- Time to Trial: The Role of a Deadline in Plea Bargaining
- Value-Added in the Criminal Justice System (with Rebecca Thornton)
- Quorum Rules in a Multiple-Issue Referendum (with Ricardo Piqué)

SCHOLARSHIPS AND AWARDS

- Graduate Fellowship, Department of Economics, UIUC
- Summer Research Award, Department of Economics, UIUC
- List of Teachers Ranked as Excellent, UIUC

LANGUAGES

- English (fluent), Catalan (intermediate), Spanish (native)

REFERENCES

Professor Rebecca Thornton
UIUC, Department of Economics
rebeccat@illinois.edu

Professor Alexander Bartik
UIUC, Department of Economics
abartik@illinois.edu

Professor Benjamin Marx
UIUC, Department of Economics
benmarx@illinois.edu