

**FRANCISCO DEL VILLAR ORTIZ MENA**  
<https://www.franciscodelvillar.com>  
[delvillar@uchicago.edu](mailto:delvillar@uchicago.edu)

**Office Contact Information**

1126 E. 59<sup>th</sup> Street – Saieh Hall for Economics  
Chicago, IL 60637  
Cell phone number: (773) 936-4578

**Placement Directors:**

Professor Ufuk Akcigit, [uakcigit@uchicago.edu](mailto:uakcigit@uchicago.edu), (773) 702-0433  
Professor Manasi Deshpande, [mdeshpande@uchicago.edu](mailto:mdeshpande@uchicago.edu), (773) 702-8260

**Graduate Student Coordinator:** Amy Schulz, [aschulz@uchicago.edu](mailto:aschulz@uchicago.edu), (773) 834-1972

**Education**

The University of Chicago, 2016 to present.  
Ph.D. Candidate in Economics  
Thesis Title: “*Detection of Irregular Assignments of Cases to Judges*”  
Expected Completion Date: May 2022

Instituto Tecnológico Autónomo de México (ITAM), 2010 to 2014  
B.A. Economics, graduated with honors.

**References:**

|   |  |
|---|--|
| Ali Hortaçsu (Chair)<br>The University of Chicago<br>(773) 702-5841, <a href="mailto:hortacsu@uchicago.edu">hortacsu@uchicago.edu</a> | Stéphane Bonhomme<br>The University of Chicago<br>(773) 834-6831, <a href="mailto:sbonhomme@uchicago.edu">sbonhomme@uchicago.edu</a> |
|---|--|

Alexander Torgovitsky  
The University of Chicago  
[torgovitsky@uchicago.edu](mailto:torgovitsky@uchicago.edu)

**Teaching and Research Fields:**

Primary fields: Political Economy, Applied Econometrics  
Secondary fields: Public Economics

**Teaching Experience:**

|           |  |
|-----------|--|
| 2019-2021 | Applications of Econometrics and Data Science Methods (undergraduate honors), Teaching Assistant for Ali Hortaçsu. |
| 2020      | The Economics of Crime (undergraduate), Teaching Assistant for Steven Levitt.                                      |
| 2019      | Economics Research Experience for Undergraduates, Becker Friedman Institute, Lecturer.                             |
| 2019      | Price Theory 1 (Ph.D), Teaching Assistant for Casey Mulligan and Kevin Murphy.                                     |

2018            Advanced Microeconomic Analysis (M.B.A.), Teaching Assistant for Kevin Murphy.

**Research Experience:**

2017-2018      The University of Chicago, Research Assistant for Ali Hortaçsu.

**Honors, Scholarships, and Fellowships:**

2020            Pearson Institute Research and Innovation Fund Grant  
2016-2021      Division of Social Sciences Fellowship, The University of Chicago

**Organization of Conferences and Workshops**

2018-2019      Empirics and Methods in Economics Conference (The University of Chicago and Northwestern University)  
2018-2019      Applied Microeconomics Working Group (The University of Chicago)

**Language and Computer Skills:**

Computer Skills: Python, R, Linux.

Languages: Spanish (Native), English and French (Fluent).

**Job Market Paper:**

*“Illicit Assignments of Cases to Judges in Ecuador”*

Abstract: I develop tools to detect irregular assignments of cases to judges and apply them to Ecuador's judicial system. I derive the sharp bounds on the overall, court-specific, and judge-specific probabilities that a case's assignment is inconsistent with existing regulations. The bounds rely on administrative case assignment data and one, or both, of the following assumptions: (i) that certain observed case characteristics do not influence which judge a case should be assigned to, and (ii) that the probability distribution over the judges that each case should be assigned to is known (e.g. uniform, random assignment). I construct a database of all publicly-available case assignments in Ecuador's district courts, with over two million assignments from 2016 to 2020 and I find that 5% of courts and judges account for 43% and 37% of irregular assignments, respectively. Overall, at least 65 thousand assignments, 2.9%, are irregular.

**Work in Progress:**

*“Optimal Transport as a Regression Analysis Tool”* with Sam Higbee, Omkar Katta and Guillaume Pouliot

Abstract: We recognize the optimal transport problem as a natural regression analysis tool, and develop a distributionally robust optimization (DRO) implementation that accounts for sampling variation.

*“Measurement of Tax Evasion from Guatemalan Administrative Records”*