

Omkar A. Katta

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Education

University of Chicago, *PhD* Aug '22 - Present
Kenneth C. Griffin Department of Economics

University of Pennsylvania, *BA* May '20
summa cum laude with Distinction in Mathematical Economics GPA: 3.95/4.00
Minors in Creative Writing and Statistics

Works in Progress

Partial Identification with Group Restrictions

With: Deniz Dutz and Alexander Torgovitsky

Summary: We partially identify target parameters with group restrictions using fractional programming.

Distributionally Robust Optimal Transport

With: Samuel Higbee and Guillaume Pouliot

Summary: We solve economic instantiations of the General Fréchet problem with a distributionally robust approach.

Extrapolation in Regression Discontinuity Designs

With: Vishal Kamat, Magne Mogstad, and Alexander Torgovitsky

Summary: We extrapolate the causal effect away from the cutoff in regression discontinuity designs.

Research Experience

Research Professional, *Becker Friedman Institute for Economics at the University of Chicago* Jul '20 - Jun '22
Mentors: Alexander Torgovitsky and Guillaume Pouliot

Research Assistant, *School of Social Policy and Practice at the University of Pennsylvania* Sep '17 - May '20
Mentor: Femida Handy

Teaching Experience

Econometrics Honors I, *Undergraduate Class, University of Chicago* Winter '24
Taught by: Alexander Torgovitsky

Empirical Analysis I, *1st Year PhD Class, University of Chicago* Fall '23
Taught by: Azeem Shaikh

Honors and Awards

Martin and Margaret Lee Prize, *Highest Score on Econometrics Core Exam, University of Chicago* Nov '24
Phi Beta Kappa May '20

Dean's Scholar, *College of Arts and Sciences at University of Pennsylvania* May '20

Miscellaneous

Technical Skills: R, Julia, Python, Stata, Lua, Git, \LaTeX

Special Interests: Graphite and Digital Sketching, Macrophotography, Choir, Theatre, Percussion