Gregory Lanzalotto

Kendall Park, NJ   glanza@sas.upenn.edu

Education		
Education	**University of Pennsylvania**	Philadelphia, PA
	BA in Mathematical Economics, Minor in Statistics	May 2022
	GPA: 3.91	

Colgate University   Hamilton, NY
GPA: 3.93   September 2018 - May 2019

Research Experience

Research on Policing Reform and Accountability: Philadelphia, PA
Advisor: Dean Knox   December 2020 -
https://policingresearch.org/

Co-author for "Reforming Police Misconduct Investigations." Joint with Ba, Bocar, Dean Knox, Rachel Mariman, Jonathan Mummolo and María Aranzazu Rodrıguez Uribe.

- Using unique access to an archive of administrative records on civilian complaints against police, this multi-wave experimental study seeks to assess how Philadelphia residents understand and perceive the current civilian complaint process, and systematically evaluate the impact of transparency initiatives on civic engagement and public trust in police.

Co-author for "Computational Analysis of Police Body-worn Camera Footage." Authors Olga Russakovsky, Dean Knox, Jonathan Mummolo, and Brandon Stewart.

- Developing a novel system using computational techniques for audiovisual analysis to convert body-worn camera footage into written timelines, akin to movie scripts, this project aims to provide detailed, moment-to-moment accounts of police-civilian encounters. The new system will provide an entirely new perspective on police-civilian interactions beyond traditional officer-generated reports, which will enable more effective supervision and accountability for misconduct.

Penn Wharton Budget Model: Philadelphia, PA
Advisor: Kent Smetters   May 2020 - December 2020
https://budgetmodel.wharton.upenn.edu/

Independent Study and Senior Thesis in Economics: Philadelphia, PA
Advisor: Margaux Luflade   January 2021 - May 2022

"Do Students From Elite High Schools Apply to College Differently: Evidence from Tunisia."

- Using nationwide administrative data from Tunisia, I model high school students' college application behavior. I utilize a sharp discontinuity in the Tunisia education system to create a dataset of similar students who either attend an elite high school or attend a local high school. Using this dataset I estimate application behavior using an ordered logit model, testing for a statistically significant difference in parameters between the two groups.

Work Experience

Bates White Economic Consulting   Washington, DC
Summer Consultant   Summer 2021

Wharton Analytics Consultants   Philadelphia, PA
Analyst   January 2020-December 2020

Relevant Coursework	**Economics** Writing Seminar in Economics, Intermediate Microeconomics, Intermediate Macroeconomics, Independent Study, Honors Seminar, Microeconomic Theory*

Statistics Statistics for Economists, Econometrics, Probability, Statistical Learning & Causal Inference, Applied Econometrics (1 & 2)*

Math Calculus II, Calculus III, Linear Algebra & Differential Equations, Real Analysis (1 & 2), Computational Linear Algebra*

Computing and Optimization Computer Programming, Programming Languages and Techniques, Linear, Nonlinear, and Integer Optimization*
(* indicates graduate level)

Skills

Programming Proficient in R and Python (as well as associated machine learning and data analysis packages). Intermediate in Stata, Java, and OCaml.

Computer Proficient in LaTeX. Comfortable with CSS, HTML, Git

Language Native in English, Limited Working Proficiency in Spanish

Athletics

Cross Country and Track, Colgate University   Hamilton, NY
Division 1 Varsity Athlete
- Scoring member of team at 2019 Patriot League Indoor Championships