Cameron Nicholas Taylor

Email: camerontphd@gmail.com   Phone: +1 (925)-899-1501
LinkedIn: www.linkedin.com/in/cameronntaylor   Citizenship: US

Education

Stanford Graduate School of Business   September 2017 – January 2022
PhD Economics, Adviser: Rebecca Diamond
> Coursework: Advanced econometrics and machine learning, game theory and market design, industrial organization, labor economics
> Teaching: Designed and taught 4-day econometrics bootcamp for Stanford GSB Research Fellows (2019-2021), Course Assistant for PhD Econometrics I, MBA Personnel Economics, MBA Data and Decisions (Intro Econometrics / Data Science)

University of Chicago   September 2013 – June 2017
BA Economics (Honors), BA Statistics
> Honors and Awards: Phi Beta Kappa, Becker-Friedman Institute Award for Academic Achievement in Microeconomics (Top 2 Undergraduate in Microeconomics)

Experience

Instacart, Senior Machine Learning Engineer and Economist   January 2022 – Present
- Machine learning and economic model building for helping retailers set optimal prices across products for online grocery shopping, understanding which customers are most and least price sensitive, optimizing platform tip defaults and fees shown to customers to increase revenue

Facebook (Core Data Science), Research Intern   June 2020 – January 2021
- Research on Facebook impact on economic opportunity using xgboost, pca, regression, inverse propensity score weighting and quantitative survey methods in SQL, R, Python and Airflow

AQR Capital Management, Research Intern   June 2016 – August 2016
- Research on time series momentum in exotic futures contracts using panel data and time series methods in Python

Highlighted Research Projects

All research projects can be found on my research website: https://cameronntaylor.github.io/.

Foster Families, Group Homes, and Foster Child Outcomes (Conditionally Accepted at AEJ: Applied)
- Estimate causal effect of foster families vs. group home on child outcomes using instrumental variables in R. Estimate structural econometric model using control functions and heterogeneous treatment effects of how families decide which children to care for, extrapolate results to policies of interest.

Why Do Families Foster Children? A Beckerian Approach (Review of Economics of the Household, 2023)
- Build a theoretical model of how families choose whether to foster children extending classical economic models of labor and fertility. Estimate predictions of the model using regression-based causal inference methods and structural econometrics in R.

Coding Skills

Proficiency: R, Python (pandas, scikit-learn, TensorFlow), SQL, LaTeX, Git / Version control
Experience/Beginner: Scala, Matlab, STATA, HTML