Cameron Nicholas Taylor

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Education

Stanford Graduate School of Business   September 2017 – January 2022
PhD Economics, Adviser: Rebecca Diamond
        Specialty: Causal inference, ML, data science, game theory and market design, optimization

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

Netflix, Senior Data Scientist   July 2024 - Present
- Causal inference, ML and GenAI for optimization of promotional marketing assets for Netflix movies and TV shows to maximize member retention and subscription revenue

Instacart, Senior Machine Learning Engineer and Economist   January 2022 – July 2024
- 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 replicating Moskowitz et al. (2012) 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/.

Who Gets a Family? The Consequences of Family and Congregate Care Allocation for 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.

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: Python (pandas, scikit-learn, TensorFlow), R, SQL, LaTeX, Git / Version control