Cameron Nicholas Taylor

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Education

Stanford Graduate School of Business September 2017 – Present
PhD Student in 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

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

Relevant Research Projects

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

Foster Families, Group Homes, and Foster Child Outcomes (Job Market Paper)

- 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.

Deep Learning for In-Game NFL Predictions

- Use convolutional neural nets and transfer learning with 1,000 hand-collected images of NFL games combined with in-game features to predict the outcome of a single play using pandas, scikit-learn and TensorFlow.

Are superstars worth their pay? Evidence from Hollywood

- Scrape 50 years of film data using Python, estimate causal effects of actors on film revenue using synthetic control models.

Coding Skills

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