Lia Yin

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Education

- **Boston College** — Boston, MA
  Ph.D. in Economics — *Aug. 2015 – May 2021*
- **Harvard University** — Cambridge, MA
  B.A. in Economics — *Aug. 2005 – May 2009*

Project Experience

- **Harvard Business School** — Boston, MA
  Research Associate — *May 2019 - August 2019*
  Studied impact of supply chain relationships on corporate social responsibility.
  - **Literature Review**: Reviewed relevant literature to identify key variables for model-building
  - **Data Acquisition**: Programmatically collected data from sources such as WRDS, FactSet, and Bloomberg
  - **Data Cleaning**: Performed data cleaning in Stata and Python, including merging, reshaping, and calculations
  - **Data Visualization**: Produced data visualizations in Stata and Python to illustrate patterns
  - **Data Modeling**: Conducted panel data regression analysis in Stata and Python

- **Boston College** — Boston, MA
  Researcher — *Sep. 2018 - Feb. 2020*
  Studied impact of the stand your ground law on second degree murders in the United States.
  - **Literature Review**: Reviewed relevant literature to identify novel research areas
  - **Data Acquisition**: Searched for data sources relevant to my project and obtained them from various databases
  - **Data Cleaning**: Matched datasets at the state level
  - **Data Visualization**: Created visualizations such as scatter plots and time series plots
  - **Data Modeling**: Conducted Difference-in-difference analysis for different dependent variables in R and Python

- **Boston College** — Boston, MA
  Researcher — *May 2018 - Present*
  Studying impact of the stand your ground law on crime in the state of Michigan.
  - **Literature Review**: Reviewed relevant literature on state-specific studies on the stand your ground law
  - **Data Acquisition**: Obtained data from sources such as the ICPSR
  - **Data Cleaning**: Explored missing data issues at the county level
  - **Data Visualization**: Produced visualizations in Stata and Python to investigate patterns and identify data issues
  - **Data Modeling**: Conducted regression discontinuity analysis

Teaching Experience

- **Statistics** — Boston, MA
  Instructor — *Jan. 2019 - Present*
  Taught basic concepts in probability theory, distributions and basic regression analysis.
  - **Curriculum Design**: Designed curriculum and prepared lecture materials covering essential knowledge
  - **In-class Activity Planning**: Conducted in-class activities to re-enforce key concepts
  - **Office Hours and Review Sessions**: Aided students with course materials and study habits

Data Skills

- **Languages**: Python, Stata, R, Matlab, SAS
- **Models**: Multiple regression, maximum likelihood estimation, Bayesian estimation, forecasting