Brian Lookabaugh

📞 (903) 804-8544 @ brianlookabaughjr@gmail.com

Education

UNIVERSITY OF NORTH TEXAS
Ph.D. in Political Science
📅 08/2020 - 12/2023 📍 Denton, Texas

UNIVERSITY OF NORTH TEXAS
Master of Science in Political Science
📅 08/2018 - 05/2020 📍 Denton, Texas

UNIVERSITY OF TEXAS AT TYLER
Bachelor of Science in Political Science
📅 01/2017 - 05/2018 📍 Tyler, Texas

Links

Personal Website 🔗
GitHub Profile 🔘
LinkedIn Profile in

Relevant Coursework

Quantitative Research Methods
Multiple Regression
Maximum Likelihood Estimation
Multivariate Regression Analysis
Econometric Panel Data Analysis
Game Theory
Survival Analysis

Skills

PROGRAMMING
- R
- Python
- SQL
- LaTeX
- Stan
- Stata

SOFTWARE
- Git
- Microsoft Office
- Quarto
- Tableau

DATA SCIENCE / STATISTICS
- Research Design
- Statistical Modeling
- Data Analysis
- Causal Inference
- Experimental Design
- Bayesian Statistics
- Survival Analysis
- Machine Learning
- Data Visualization

Experience

RESEARCH INTERN - PROGRAM EVALUATION
Fors Marsh
📅 06/2023 - 11/2023 📍 Remote

- Analyzed data and visualized and reported on trends in U.S. elections and voting behavior to be presented in a Report to Congress.
- Regularly communicated with federal stakeholders such as the U.S. Election Assistance Committee and Federal Voting Assistance Program to review expectations for project scope and deadlines.
- Discussed topics related to data collection and survey design with election officials from various states.
- Developed automation processes to efficiently update and reproduce documentation and graphics.

RESEARCH ASSISTANT
University of North Texas
📅 01/2023 - 08/2023 📍 Denton, Texas

- Developed a research design for an article employing a novel matching estimator with the intent to publish in a peer-reviewed journal.
- Collected, manipulated, and analyzed data to implement under a quasi-experimental research design.
- Researched and collected novel and up-to-date literature on the execution of causal research designs with panel data in pursuit of an estimation strategy for a journal-quality research article.

QUANTITATIVE SOCIAL SCIENTIST
University of North Texas
📅 08/2020 - 12/2023 📍 Denton, Texas

- Collected, cleaned, and visualized data on a variety of individual and collaborative projects.
- Developed quasi-experimental research designs to explicitly estimate causal effects across a broad collection of projects.
- Routinely consulted with stakeholders to maintain clear expectations of project goals and provided updates on project progress.
- Frequently analyzed and systematically organized findings from relevant quantitative studies.

Projects

Do Human Rights Treaties Work? 🔗
This project replicated a well-known study concerning the effectiveness of human rights treaties and updated the research design with a novel, more advanced quasi-experimental matching technique. This project found that human rights treaties have practically no effect on levels of repression.

References available upon request.