MEGHA JOSHI

Experienced statistician with strong background and interest in causal inference and meta-analysis. I have eight years of experience in managing and leading research projects, developing analytic strategy, analyzing large, complex datasets, and communicating results effectively.



CONTACT INFO

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Q Austin, Texas For more information, please contact me via email.

Statistical Software: R, Python

Version Control: Git

Project Management: Asana, Trello

RESEARCH INTERESTS

Causal inference

Meta-analysis

Machine learning

R PACKAGES

wildmeta 0.3.2

simhelpers 0.1.2

This resume was made with the R package pagedown.

Last updated on 2024-01-02.

2016

Graduate Research Assistant

The University of Texas at Austin

· Led the methods team for a project examining the effects of teacher preparation programs on teacher retention in Texas.

- · Evaluated the impact of a college preparatory program using propensity score analysis with generalized boosted modeling.
- Integrated large relational datasets.
- · Developed and implemented the analytical strategy.
- · Produced reports and presentations detailing the results to be presented to a non-technical audience.

TEACHING EXPERIENCE

2015

2021

Graduate Teaching Assistant The University of Texas at Austin

• Austin, TX

- · Assisted in the following courses: Causal Inference; Data Analysis, Simulation and Programming in R; Research Design; Survey of Multivariate Methods; Fundamental Statistics; and Statistics in Market Analysis.
- · Led weekly problem-solving sessions through office hours; effectively communicated complex statistical methods to students; and, fostered interest in methodological research.

SELECTED PUBLICATIONS

- Cluster wild bootstrapping to handle dependent effect sizes 2022 in meta-analysis with a small number of studies Research Synthesis Methods Joshi, M., Pustejovsky, J. E., & Beretvas, S. N.
- Direct ties to a faculty mentor related to positive outcomes 2019 for undergraduate researchers BioScience, Volume 69, Issue 5, Pages 389-397 Joshi, M., Aikens, M. L., & Dolan, E. L.
- The performance of multivariate methods for two-group 2019 comparisons with small samples and incomplete data Multivariate Behavioral Research, Pages 1-18 Pituch, K. A., Joshi, M., Cain, M. E., Whittaker, T. A., Chang, W., Park, R., & McDougall, G. J.
- Evaluating the Transition to College Mathematics course in 2019 Texas high schools: Findings from the first year of implementation Greater Texas Foundation Pustejovsky, J. E., & Joshi, M.

2021

Q Austin, TX