(John) Parker Trostle

Raleigh, NC; parker.trostle@gmail.com

Education

North Carolina State University *2017–2022*

- PhD in Statistics
- Master's in Statistics (Earned 2020)
- Advisors: Brian Reich and Gustavo Machado
- Dissertation title: Bayesian Methodologies for the Spatial Spread of Disease

Penn State University, Schreyer Honors College *2005–2009*

- B.S. Finance; B.A.s French, Economics, International Studies

Preprints

Trostle, P., Corzo, C. A., Reich, B. J., & Machado, G. (2022) *A discrete-time survival model for porcine epidemic diarrhea virus*. bioRxiv. https://doi.org/10.1101/2022.06.03.494708

Trostle, P., Guinness, J., & Reich, B. J. (2022) *A Gaussian-process approximation to a spatial SIR process using moment closures and emulators.* arXiv. https://doi.org/10.48550/arXiv.2208.03157

Professional experience

Nathan Associates / MEG Arlington, VA *2015–2017*

Consultant, Senior Consultant

- Worked with and managed junior staff to prepare analyses using data produced in legal discovery
- Assisted senior econometricians in implementing and evaluating regression models for a major electronic-commodity lawsuit

Bates White Washington, DC *2009–2013*

Consultant

- Combined data analysis, literature research, and document review to perform and support analysis in complex litigation
- Worked on cases spanning multiple industries, including pharmaceuticals, agriculture, and mortgage finance

Teaching experience

ST 311 NCSU, Raleigh, NC *2017–2020*

Introduction to Statistics

- Instructor: Fall 2018, Summer 2019, Fall 2019, Spring 2020, Summer 2020
- Head TA: Spring 2019
- TA: Fall 2017, Spring 2018

ST 514 NCSU, Raleigh, NC *2019*

Statistics for Management and Social Sciences II

- TA: Summer 2019

Awards and honors

- NC State Statistics Department Outstanding Teaching Assistant Award (2020)

Additional skills

- Extensive experience with R, Stata, and Python
- Experience with SAS and SQL