







Matthew E. Vanaman

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Highlighted Experience

- ◇ Cleaned and analyzed data from over 100 surveys using R and SPSS statistics software.
- ◇ Collaborated across social scientific, clinical, demographic, and university-institutional contexts.
- ◇ Conducted, interpreted, and reported on results from over 20 unique statistical analyses.
- ◇ Tailored presentations of statistical results to undergraduate and graduate students, social scientists, community members, non-profit boards, and university leadership.

Quantitative Skills

-  Discrete Data Analysis
-  Data Cleaning
-  Survey Design
-  Psychometrics
-  Data Acquisition
-  Visualization

Software Skills

-  R
-  SPSS Statistics
-  Version Control/Git
-  SPSS PROCESS
-  Qualtrics
-  Python/Psychopy
-  SQL

Education

- Ph.D. Social Psychology**
2017 - 2022 (Expected)
The Graduate Center at CUNY
- B.A. Psychology, Minor in Music**
2014 - 2017
Stetson University, *Cum Laude*

Professional History

Doctoral Researcher/Lab Manager 2017 - Present
Brooklyn College

- ◇ Acquire, clean, and analyze survey data from Qualtrics and other platforms.
- ◇ Explain results of complex statistical tests to both expert and non-expert audiences.
- ◇ Recruit, mentor, and train research assistants in methodology, statistics, and psychological theory.

Data Analyst 2019 - 2020
RF CUNY/Brooklyn College

- ◇ Cleaned and analyzed numerous survey data using R.
- ◇ Provided thorough and accessible statistical consultation.
- ◇ Delivered 5 attractive reports of organizational effectiveness.

Grant-Funded University Research 2015 - 2017
Stetson University

- ◇ Collected, processed, and analyzed diverse survey data from organizational, online, and field sources.
- ◇ Designed and published novel psychological tests.

Demographics Analyst 2014-2015
Volusia/Flagler Coalition for the Homeless

- ◇ Prepared and presented data to regional Board of Directors, grant agencies, organizational leaders, and at community events.
- ◇ Collected, processed, and mined census and organizational-archival data for meaningful trends across demographic strata.

Statistics Instruction

Graduate Course in Statistical Programming in R 2020 - Present
Brooklyn College

- ◇ Invited by the department to increase accessibility of a core statistics course.
- ◇ Promote student confidence in data cleaning, visualization, statistical inference, prediction, and interpretation of statistical output.

Teaching Assistantship - Statistics 2018 - 2019
The Graduate Center at CUNY

- ◇ Facilitated intuitive understanding of complex statistical concepts with a combination of active listening and responsiveness toward student questions and feedback.
- ◇ Used (often humorous) analogies and visual demonstrations to make the material accessible and ameliorate student anxiety.

Teaching Apprenticeship - Statistics 2016 - 2017
Stetson University

- ◇ Developed and implemented a core undergraduate statistics course with collaboration from faculty.
- ◇ Provided over 60 hours of tutoring, workshops, and instruction as invited guest lecturer.