



Gavin M. Klorfine

Quantitative Methods in Psychology Graduate Student at York University

Email: gklorfin@yorku.ca

Education

MA, Quantitative Methods in Psychology—September 2025 to Present

York University, Toronto, ON, Canada

- *Supervisor*: Professor Christopher D. Green
- *Expected date of Graduation*: October 2027

BSc, Specialized Honours, Psychology—September 2019 to June 2025

York University, Toronto, ON, Canada—May 2023 to June 2025

- *GPA*: 8.56 (out of 9.00), Graduated *Summa Cum Laude*
- *Supervisor*: Professor Christopher D. Green
- *Thesis*: The replication crisis: *p*-curves, *z*-curves, and stereotype threat

University of Western Ontario, London, Canada—September 2019 to April 2023

- *GPA*: 3.50 (out of 4.00)
- 66 course credits were achieved and subsequently transferred to York University in the continuation of my undergraduate degree

Thesis

Undergraduate Honours Thesis

- *Title*: The replication crisis: *p*-curves, *z*-curves, and stereotype threat
- *Supervisor*: Professor Christopher D. Green
- *Synopsis*: The purpose of my honours thesis was to investigate and compare proposed methods of detecting questionable research practices (QRPs) in large sets of results—with the goal being to help combat psychology’s current replication crisis. This was done using the stereotype threat literature, which is an effect known to have issues replicating
- *Date Completed*: April 2025

Software Development

Friendly, M., & Klorfine, G. (2026). *vcdExtra: ‘vcd’ Extensions and Additions*. R package version 0.9.5.

<https://friendly.github.io/vcdExtra/>

- To be listed as author with the next CRAN release

Research in Preparation

Klorfine, G. M., & Green, C. D. (manuscript in preparation). Curves to detect bent truths: An investigation into p -curve and z -curve methods.

Research Experience

Research Assistant, DataVis Lab—April 2026 to Present

York University, Toronto, ON, Canada

- *Principal Investigator:* Professor Michael L. Friendly
- Hired to review and comment on Dr. Friendly's (in-progress) textbook on multivariate models.

Research Assistant, GreenLab—July 2024 to Present

York University, Toronto, ON, Canada

- *Principal Investigator:* Professor Christopher D. Green
- Research and analyze current trends regarding the (mis)use of statistics and artificial intelligence (AI)
- Participate in lab meetings where we dissect a contemporary article in psychology
- Provided resources (e.g., graphs) I created to more senior graduate students in the lab

Conference Presentations

Klorfine, G., & Green, C. D. (2025, May 24). *The replication crisis: p-curves, z-curves, and stereotype threat*. The Thirteenth Annual Canadian Statistics Student Conference (CSSC), University of Saskatchewan, Saskatoon, SK, Canada. [Oral Presentation]

Klorfine, G. M., & Green, C. D. (2025, May 9). *The replication crisis: p-curves, z-curves, and stereotype threat*. Conference for Undergraduate Health Research (CUHR) 2025, York University, Toronto, ON, Canada. [Oral Presentation]

Academic Awards and Recognition

- York University | Master's Fellowship—2025 \$ 5,403
- Statistical Society of Canada | CSSC 1st Prize, Oral Presentation, Bachelor's—2025 \$ 100
- York University | Dean's Honour Roll—2024, 2025
- York University | Continuing Student Scholarship—2024 \$ 880
- York University | Provost Award—2023 \$ 1,000
- University of Western Ontario | Dean's Honour List—2023

Teaching Experience

York University

- Teaching Assistantships:
 - HH/PSYC 2020 6.0 F: *Statistical Methods I & II* Fall/Winter 2025-2026
- Guest Lectures and Speaking:
 - HH/PSYC 2020 6.0 F—*(Mis)using Statistics* March 18, 2026

Professional Workshops

Laze, D., & Klorfine, G. (2026, June 26-28). *Introduction to Python for Data Analysis*. Quantitative Methods Workshop Series, York University, Toronto, ON, Canada. [*Scheduled*]

Technical Skills and Qualifications

Programming Languages (and Development Environments)

- R (R Studio)
- Python (Visual Studio Code; Standalone PsychoPy)

Statistical and Analytical Software

- Jamovi
- JASP

Document Preparation and Markup

- LaTeX
- Markdown
- Microsoft Office Suite

Graphic Design

- GNU Image Manipulation Program (GIMP)

Research Methods and Applied Skills

- Categorical data analysis
- Data visualization
- Git / GitHub
- R package development
- AI tools, with experience using their APIs
- *p*-curve and *z*-curve methodologies
- Creating surveys using Qualtrics
- Deep, up-to-date knowledge regarding best practices in the conduct of quantitative research

Academic Leadership and Service

York University

- Psychology Undergraduate Mentorship Program (PUMP)* October 2025 to Present
- Executive Team: October 2025 to Present
 - Program Evaluation Committee Fall/Winter 2025-2026
 - Collaboratively synthesized and reported on feedback given to PUMP
 - PUMP Mentor October 2025 to Present
 - Students: Fall/Winter 2025-2026
 - Umed Azimi Fall/Winter 2025-2026
 - M. Shaheer Ahmed
- Information Day for Graduate Psychology Programs* October 9, 2025
- Participated in a discussion panel followed by a lunch with professors and students, both prospective and current.

Professional Affiliations

- Statistical Society of Canada (SSC)—Associate Member April 2025 to Present
- Canadian Psychological Association (CPA)—Student Affiliate January 2025 to Present

References

- Available upon request
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