Kollin W. Rott

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Education

University of Minnesota – Twin Cities   Minneapolis, MN
Ph.D Biostatistics   *Expected May 2024*
  – Key Coursework: Statistical Inference, Linear Models, Probability Models

University of Alabama – Tuscaloosa   Tuscaloosa, AL
MA Economics – GPA: 4.00   *Aug 2015 – May 2019*

University of Alabama – Tuscaloosa   Tuscaloosa, AL
BS Economics, Finance, and Mathematics – GPA: 4.00   *Aug. 2014 – May 2019*
  – **Minor: Spanish**

Publications

1. **Rott KW**, Lin L, Hodges JS et al., "Bayesian meta-analysis using SAS PROC BGLIMM", *Research Synthesis Methods, in press*, 2021.

Research Experience

University of Minnesota – Twin Cities   Minneapolis, MN
Research Assistant   *Sept 2019 – May 2021*
Division of Biostatistics
Supervisor: *Haitao Chu PhD MD*
  – Applying novel SAS procedures to Bayesian arm-based network meta-analysis
  – Applying causal individual participant data meta-analytic methods to real-time continuous glucose monitoring data
  – Extending causal meta-analytic methods from individual participant data to aggregated data through imputation
  – Developing tests and measures of heterogeneity for causal meta-analytic methods

Research Assistant   *May 2020 – August 2020*
Division of Biostatistics
Supervisor: *Ann M. Brearley PhD*
  – Conducted exhaustive review of biostatistical literacy literature
  – Scraped background information from online biostatistical literacy course posts
  – Cleaned and analyzed assessment results from seven years of a biostatistical literacy course

Teaching Experience

University of Minnesota – Twin Cities   Minneapolis, MN
Classroom Teaching Assistant – Biostatistical Literacy   *Sept 2020 – December 2020*
Division of Biostatisics
Supervisor: *Mark Fiecas*
  – Improving course materials (quiz questions, activities) to better aid and assess students' understanding
  – Helping lead class discussion during Zoom lectures and breakout rooms
  – Answering student questions via email, online activities and online discussion boards
  – Delivering two lectures via Zoom
  – Creating exhaustive feedback for all readiness quiz questions for future semesters

Teaching Assistant – Biostatistical Literacy   *Sept. 2019 – May 2020*
Division of Biostatisics
Supervisors: *Mark Fiecas and Laura Le*

- Monitored weekly discussions on collaborative keys and offered feedback
- Graded quizzes and provided constructive feedback for incorrect answers
- Served as consultant for the Islands project analyzing data and providing statistical guidance
- Answered student questions via email, online activities and online discussion boards

University of Alabama – Tuscaloosa   Tuscaloosa, AL

Teaching Assistant – Statistical Data Analysis   *May 2018 – July 2018*
Department of Statistics
Supervisor: *Bruce Barrett*

- Graded all assessments
- Held office hours to answer student questions and explain concepts

Awards

University of Minnesota – Twin Cities   Minneapolis, MN

Biostatistics Teaching Assistant Award   *May 2020*
Division of Biostatisics

- For oustanding service as a graduate teaching assistant, given to 4 students

Skills

Technologies: R (High Proficiency), SAS (Moderate Proficiency), Microsoft Office (High Proficiency), HTML (Moderate Proficiency), Paint 3D (Moderate Proficiency)

Languages: Spanish (High written fluency)