

Cameron Bale

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EDUCATION

Ph.D., Drexel University <i>Operations and Business Analytics</i>	Exp. 2024
B.S., Brigham Young University <i>Economics</i>	2019

PUBLISHED PAPERS

1. Schneider, M.J., Hu, J., Mankad, S., **Bale, C.D.** (2023). Protecting the Anonymity of Online Users Through Bayesian Data Synthesis. *Expert Systems with Applications*, volume 216. <https://doi.org/10.1016/j.eswa.2022.119409>.

PAPERS UNDER REVIEW

1. **Bale, C. D.**, Fischer, J. L., Schneider, M. J., & Weber, S. (2023). Legally Anonymizing Location Data Under the GDPR. *First round revision at Transactions on Data Privacy*. [URL](#).
2. **Bale, C.D.**, Schneider, M.J., Lee, J. (2023). Improving the Forecast Accuracy of Protected Data Using Time Series Features. *Under review at International Journal of Forecasting*. [URL](#).

WORKING PAPERS

1. **Bale, C.D.** & Quick, H. (2023). Optimized Sequential Synthesis of Tabular Microdata. *To be submitted to Journal of the American Statistical Association..* [URL](#).

WORKS IN PROGRESS

1. “An Empirical Generalization of the Effects of Category Captainship,” with Jeffrey Dotson, Marc Dotson, and Morgan Bale. *Data analysis stage*.

RESEARCH PRESENTATIONS

1. (Upcoming) Protecting the Anonymity of Online Users Through Bayesian Data Synthesis. *ISMS Marketing Science Conference*, June 2023.
2. (Upcoming) Improving the Forecast Accuracy of Protected Data Using Time Series Features. *International Symposium on Forecasting*, June 2023.
3. The Effects of Privacy Protection on Forecast Accuracy. Invited Talk. *International Symposium on Forecasting*, July 2022.

TECHNICAL SKILLS

Programming Languages: Python, R

Topics: Data Privacy, Multivariate Analysis, Bayesian Analysis, Machine Learning, Optimization

HONORS AND AWARDS

Teck-Kah Lim Graduate Student Domestic Travel Subsidy, Drexel University	2023
Dean's Course Release Award for Economics Research, Lebow College of Business, Drexel University	2023
Travel Grant, International Institute of Forecasters	2023
Continuing Excellence in Teaching Assistance, Graduate College, Drexel University	2021-2022
Teaching Assistant Excellence Award, Graduate College, Drexel University	2020-2021
Dragon Doctoral Fellowship, Lebow College of Business, Drexel University	2019-2024

SERVICE

Reviewer, <i>Expert Systems with Applications</i>	2023-Present
Member, Early Career Forecasters Group	2023-Present
Drexel Teaching Assistant Orientation Panelist	2021

TEACHING

Instructor

STAT 331: Introduction to Data Mining for Business	Rating: 3.65/4.00
BSAN 360: Programming for Data Analytics	Rating: 3.81/4.00
STAT 205: Statistical Inference I	Rating: 3.44/4.00

Recitation Instructor

MIS 200: Management Information Systems	Average Rating: 3.64/4.00
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Teaching Assistant

STAT 201: Introduction to Business Statistics
STAT 202: Business Statistics II
STAT 325: Six-Sigma Quality Implementation
BSAN 460: Business Analytics Senior Project
STAT 510: Introduction to Statistics for Business Analytics
STAT 610: Statistics for Business Analytics
STAT 630: Multivariate Analysis
STAT 645: Time Series Forecasting
BSAN 710: Business Analytics Graduate Capstone Project