

I. RESEARCH INTERESTS

Statistical machine learning, multivariate analysis, precision matrix estimation, sufficient dimension reduction, and kernel methods.

II. EDUCATION

- M.Sc. in Statistics** 2015 - 2019
School of Statistics
University of Minnesota, Minneapolis, MN
Advisor: Adam J. Rothman, Ph.D.
• *Previously Ph.D. student, fulfilled all required coursework*
- B.S. in Statistics, Actuarial Science, B.A. in Mathematics** 2011 - 2015
Minor in Renaissance
University of St. Thomas, St. Paul, MN
• *Passed exams P/1, FM/2, MFE/3 (fulfilled all VEE)*

III. WORK EXPERIENCE

- Data Scientist** Spring 2019
C.H. Robinson
Eden Prairie, MN
- Statistical Consultant** Spring 2019
Minneapolis, MN
- Graduate Instructor** Fall 2018
School of Statistics
University of Minnesota, Minneapolis, MN
- Graduate Research Assistant** Summer 2018
School of Statistics
University of Minnesota, Minneapolis, MN
- IRSA Statistical Consultant** Fall 2017
Institute for Research on Statistics and its Applications (IRSA)
School of Statistics
University of Minnesota, Minneapolis, MN
- Graduate Teaching Assistant** 2015 - 2018
School of Statistics
University of Minnesota, Minneapolis, MN
- Tutor** 2017 - 2018
University of Minnesota, Minneapolis, MN
- Research Assistant** 2013 - 2015
University of St. Thomas, St. Paul, MN
- Actuarial Intern** Summer 2014
Thrivent Financial, Minneapolis, MN

IV. TEACHING EXPERIENCE

GRADUATE INSTRUCTOR:

- STAT 3011: *Introduction to Statistical Analysis* Fall 2018

TEACHING ASSISTANT:

- STAT 8052: *Applied Statistical Methods II* Spring 2018
- STAT 4893W: *Consultation and Communication for Statisticians* Spring 2017
- STAT 3032: *Regression and Correlated Data* Fall 2016
- STAT 3021: *Introduction to Probability and Statistics* Spring 2016
- STAT 1001: *Introduction to the Idea of Statistics* Fall 2015

TUTOR:

- MBA 6120: *Data Analysis and Statistics for Managers*
- STAT 3022: *Data Analysis*

V. PUBLICATIONS

Galloway, M., and Rothman, A. (2019). Shrinking Characteristics of Precision Matrix Estimators: An Illustration via Regression. Master's thesis (preprint), http://mattxgalloway.com/oral_manuscript/Manuscript.pdf.

Galloway, M., Johnson, A., and Shemyakin, A. (2017). Time-to-Default Analysis of Mortgage Portfolios. *Model Assisted Statistics and Applications* 12.4 (2017): 359-367.

VI. SOFTWARE

Galloway, M. (2018). CVglasso: Cross validation package for the popular *glasso* package. R package, <https://cran.r-project.org/web/packages/CVglasso/index.html>.

Galloway, M. (2018). ADMMsigma: Estimates a penalized precision matrix via the ADMM algorithm. R package, <https://cran.r-project.org/web/packages/ADMMsigma/index.html>.

Galloway, M. (2018). SCPME: Shrinking Characteristics of Precision Matrix Estimators. R package, <https://cran.r-project.org/web/packages/SCPME/index.html>.

VII. PRESENTATIONS

Shrinking Characteristics of Precision Matrix Estimators: An Illustration via Regression 2019
Master's Final Exam, (Minneapolis, MN)

Indirect High-Dimensional Regression December 2017
Advanced Topics in Statistics Capstone, (Minneapolis, MN)

Partial Least Squares Regression November 2017
Literature Seminar, (Minneapolis, MN)

logitr - A Penalized Logistic Regression Package for R May 2017
Advanced Statistical Computing Capstone, (Minneapolis, MN)

Introduction to Kernel Methods February 2017
Literature Seminar, (Minneapolis, MN)

Reinforcement Learning <i>Literature Seminar, (Minneapolis, MN)</i>	December 2016
fMRI Voxel Activity Prediction <i>Advanced Regression and Multivariate Analysis Capstone, (Minneapolis, MN)</i>	December 2016
Time-to-Default Analysis of Mortgage Portfolios <i>Literature Seminar, (Minneapolis, MN)</i>	November 2016
Graduate School Panel <i>Twin Cities Chapter American Statistical Association (St. Paul, MN)</i>	May 2016
Poster. Time-to-Default Analysis of Mortgage Portfolios <i>MCMSki Conference (Chamonix, France)</i>	January 2014
Poster. Time-to-Default Analysis of Mortgage Portfolios <i>Inquiry at UST (St. Paul, MN)</i>	September 2013
Time-to-Default Analysis of Mortgage Portfolios <i>CSUMS Research Seminar (St. Paul, MN)</i>	August 2013

VIII. AWARDS AND HONORS

Lynn Lin Fellowship	May 2017
Allianz Life Endowment Scholarship	April 2014
Young Investigator Travel Grant	January 2014
International Education Scholarship	January 2014
Minnesota Risk and Insurance Management Society (RIMS) Scholarship	April 2013