

Maryclare Griffin

Postdoctoral Associate
Cornell University
Center for Applied Mathematics
657 Rhodes Hall
Ithaca, NY 14853

<http://maryclare.github.io>
(508)-314-1007
maryclare@cornell.edu

Education

University of Washington , Seattle, WA	2013-2018
Ph.D., Statistics	
Advisor: Peter Hoff	
University of Chicago , Chicago, IL	2008-2012
B.A., Economics with Honors, Statistics	

Publications

Published

Griffin M., Erosheva E. A., Fredriksen-Goldsen K., Gile K., Handcock M. “[Assessing Feasibility of Respondent-Driven Sampling for Estimating Characteristics in Populations of Lesbian, Gay and Bisexual Older Adults.](#)”

Forthcoming, Annals of Applied Statistics.

Holstein, C., Griffin M., Hong J., Sampson P. (2015) “[A Statistical Method for Determining and Comparing Limits of Detection of Bioassays.](#)”

Analytical Chemistry. 87(19):9795-9801.

Under Review

Griffin M., Hoff, P. D. “[Testing Sparsity-Inducing Penalties.](#)”

Submitted.

Griffin M., Hoff, P. D. “[LANOVA Penalization for Unreplicated Data.](#)”

Submitted.

In Preparation

Griffin M., Hoff, P. D. “Structured Shrinkage Using Hadamard Product Priors.”

Software

Griffin M. [gnorm](#): Generalized Normal/Exponential Power Distribution. R package version 1.0.0.

Honors and Awards

Frontiers in Forecasting Best Poster Prize	2018
Women in Statistics and Data Science Conference Travel Award	2016
Survey Research Methods, Government Statistics, and Social Statistics Sections Student Paper Award	2015
National Science Foundation Graduate Research Fellowship	2013
University of Washington, Blalock Fellowship	2013
University of Chicago, Goldberg Award in Economics	June 2012

Teaching Experience

Department of Statistics, University of Washington	Spring 2016
Teaching Assistant for CSS&S564: Bayesian Statistics (Peter Hoff)	
Department of Statistics, University of Washington	Fall 2014
Grader for CSS&S589: Multivariate Data Analysis for the Social Sciences (Elena Erosheva)	

Presentations

Invited Talks

Beyond the Bayesian Lasso: A Review of Continuous Shrinkage Priors.
Joint Statistical Meetings, Vancouver, WA; August 2018.

Topic Contributed Talks

Model-Based Testing of Sparsity Inducing Penalties.
*Western North American Region of The International Biometric Society Conference.
Santa Fe, NM; June 2017.*

Using Hierarchical Models to Understand P300-Wave-Based Brain-Computer Interface Performance Among Disabled Adults.
Joint Statistical Meetings, Chicago, IL; August 2016.

Assessing Feasibility of Respondent-Driven Sampling Using Pilot Data with an Application to Older Lesbian, Gay, and Bisexual Adults.
Joint Statistical Meetings, Seattle, WA; August 2015.

Poster Presentations

Testing Sparsity-Inducing Penalties.
*Cornell Day of Statistics.
Ithaca, NY, September 2018.*

Testing Sparsity-Inducing Penalties.
*Frontiers in Forecasting, Institute for Mathematics and Its Applications.
Minneapolis, MN, February 2018.*

Sparse, Structured Matrix Estimation via ℓ_1 Penalization of ANOVA Decomposition.
*Opening Workshop of the 2016-2017 Program on Optimization, SAMSI.
Research Triangle Park, NC, September 2016.*

Additional Research Experience

Department of Statistics, University of Washington	2013-2015
Research Assistant with Dr. Elena Erosheva	
Economics Research Center, University of Chicago	2011-2013
Research Assistant with Dr. James Heckman	

Service and Affiliations

University of Washington

StatCom Member	2016-2018
Graduate Student Representative	2014-2015
Graduate and Professional Student Senate Representative	2013-2014

Reviewer

Biometrika; JASA Theory and Methods; Journal of Computational and Graphical Statistics; Statistics Surveys

Session Chair

Topic Contributed Session Chair, Joint Statistical Meetings, Vancouver, BC; August 2018; Joint Statistical Meetings, Baltimore, MD; August 2017; Contributed Session Chair, Joint Statistical Meetings, Seattle, WA; August 2015.

Member

American Statistical Association; Institute of Mathematical Statistics; Caucus for Women in Statistics; International Biometric Society