



Affiliates Update

Affiliates Workshop on Non-Ignorable Nonresponse Nov. 12-13 in Washington DC

Registration for the Affiliates Workshop on Non-Ignorable Nonresponse is now open! The workshop will be held Thursday afternoon, November 12, all day on Friday, November 13 at the BLS Conference Center in Washington, DC.

NISS Affiliates may use the available balance in your Affiliate Award Fund to attend this workshop.

Agenda

[Tentative Schedule](#)

Thursday, November 12, 2015

Afternoon Session BLS Conference Room 8

- 2:00-2:40 Overview Talk

Jae-kwang Kim, Iowa State University

Welcome to the world of non-ignorable nonresponse: review of the existing methods

- 2:40-3:00 Coffee Break
- 3:00-5:00 30 minute Regular Talks

Jing Qin, NIH

Semiparametric maximum likelihood inference by using failed contact attempts to adjust for nonignorable nonresponse

Michael Sverchkov, BLS

Small area estimation under informative sampling and nonresponse

Peisong Han, University of Waterloo

Some ideas on calibration in the presence of nonignorable missing data

Moshe Feder, University of Southampton, retired

Statistical Inference Under Non-ignorable Sampling and Non-response--An

Empirical Likelihood Approach

Friday, November 13, 2015

Morning Session BLS Conference Room 1-3

- 8:50-9:00 Welcome

John Eltinge (or BLS commissioner):

- 9:00-9:40 Keynote Talk

James Robins, Harvard University

Missing Not At Random, Missingness Graphs, and Causality: What is New and What is Not

- 9:40-10:00 Coffee Break
- 10:00-12:00 30 minute Regular Talks

Daniel Scharfstein, Johns Hopkins University

Global sensitivity analysis of repeated measures studies with informative missing data

Tchetgen Tchetgen, Harvard University

A new discrete-choice model for non-monotone missing data: identification, robustness and efficiency

Miao Wang, Beijing University

A unified identification strategy of nonrandom missing data

Hua Yun Chen, University of Illinois at Chicago

Strength of Parameter Identifiability in the Analysis of MNAR Missing Data

Friday, November 13, 2015

Afternoon Session BLS Conference Room 1-3

- 1:20-3:00 25 minute Regular Talks

Jun Shao, University of Wisconsin-Madison

Likelihood Adjusted for Nonignorable Missing Covariate Values with Unspecified Propensity in Generalized Linear Models

Annie Qu, University of Illinois Urbana-Champaign

A mixed-effects estimating equation model for nonignorable missing longitudinal data with refreshment sampling

Gong Tang, University of Pittsburgh

A Modified Expectation-Maximization Algorithm for Analysis of Data with Missing Values

Mike Daniels, University of Texas at Austin

Bayesian Pattern Mixture Models for the Analysis of Repeated Attempt Designs

- 3:00-3:20 Coffee Break
- 3:20-5:00 20 minutes Short Talks

Dylan Small, University of Pennsylvania

Instrumental Variable Methods for Continuous Outcomes that Accommodate Non-ignorable Missing Baseline Values

Eric Slud, University of Maryland

Weighted Estimating Equations Based on Response Propensities in Terms of Covariates that are Observed only for Responders

Changbao Wu, University of Waterloo

Empirical Likelihood Methods for Two-sample Problems with Data Missing-by-Design

Jerry Reiter, Duke University

A nonignorable missing data model for multivariate continuous data

Jiwei Zhao, SUNY at Buffalo

Variable selection in the presence of nonignorable missing data

Register Here

Co-Sponsored Events

Georgia Statistics Day

When: October 30, 2015

Where: Athens, Georgia

This year marks the inaugural Georgia Statistics Day. Professor Robert Tibshirani be the first keynote speaker of this annual event. For more information, [click here](#).

SAMSI Events

Education and Outreach - Undergraduate Workshop

When: February 22 - 23, 2016

Where: SAMSI

Deadline to Apply: **January 15, 2016**

The workshop with a focus on Forensics will feature introductory lectures on mathematical and statistical methods in forensic science. Particular emphasis will be given to the understanding of mathematical methods to link various patterns (e.g., finger prints, tool marks, tire marks) obtained at crime scenes to evidence of crimes. Hands on illustrations will be presented and hence the participants are encouraged

to bring their laptops. For details and to apply, [click here](#).

Spring Opportunities for Women in Math Sciences

When: April 6 - 8, 2016

Where: SAMSI

Deadline to Apply: TBD

Details: To come.

Interdisciplinary Workshop for Undergraduate Students

When: May 22-27, 2016

Where: SAMSI and NC State University

Deadline to Apply: TBD

Details: To come.

2016-17 Program on Statistical, Mathematical and Computational Methods for Astronomy

This year-long research program focuses on the vast range of statistical and mathematical problems arising in modern astronomical research, particularly due to the flood of data produced by both ground-based and space-based astronomical surveys at many wave-bands. The research areas that form the main ingredients of the program include:

- Astronomical simulations and big data issues
- Exoplanets
- Functional data analysis
- Gravitational wave astrophysics
- High-performance computing for Bayesian inference and machine learning
- Lightcurve analysis/time domain astronomy

Opening Workshop - August 29-
September 2, 2016

2016-17 Program on Optimization

This year-long research program aims to produce a synergy between mathematics, statistics and operations research to produce ground breaking advances in:

- Optimization for large-scale statistical analysis
- Statistical approaches for the numerical solution of large-scale optimization problems
- Applications of optimization

Opening Workshop - August 22-
26, 2016

For details visit

<http://www.samsi.info/OPT>

For details visit

<http://www.samsi.info/ASTRO>



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