

WNAR/IMS 2009

Student Paper 1: Statistical Methodology and Application I (5)

Chair: Thomas Lumley (University of Washington, tlumley@u.washington.edu)

[A Comparison of ANCOVA, Generalized Estimating Equations, and Generalized Linear Mixed Regression with Bootstrapping for Evaluating HIV Medication Adherence Interventions](#)

David Huh
University of Washington

[Detecting variability with the right spread transform](#)

Maochao Xu
Portland State University

[Using the k-Nearest-Neighbor Modified Bootstrap for Estimation in Cross-Correlated Time Series](#)

Ben Kujala
Portland State University

[Parametric modeling of the marker distribution or ROC curve under model misspecification](#)

Sean Devlin
University of Washington

[Climate Change and Olympic Mountain Snow-Water Equivalence: A Time Series Analysis](#)

Charles Tanner
Huxley College on the Peninsula, Western Washington University

Student Paper 2: Statistical Methods for Clinical Trials (5)

Chair: Thomas Lumley (University of Washington, tlumley@u.washington.edu)

[Robust Inference in the Discrete Time Proportional Hazards Model](#)

Vinh Q. Nguyen
University of California, Irvine

[A Flexible Margin Approach for Non-Inferiority Clinical Trials](#)

Siobhan Everson-Stewart
University of Washington

[Conditional Estimation after a Group Sequential Diagnostic Biomarker Study that Allows Early Termination for Futility](#)

Joseph S. Koopmeiners
Department of Biostatistics, University of Washington

[Estimates of Information Growth in Longitudinal Clinical Trials](#)

Abigail B. Shoben
University of Washington

[Two-Component Negative Binomial \(TCNB\)](#)

Wendy Leith
Portland State University

Student Paper 3: Statistical Methodology and Application II (5)

Chair: Thomas Lumley (University of Washington, tlumley@u.washington.edu)

[Extending MKSFitter to right-censored data](#)

Jerzy Wieczorek
Portland State University

[Modeling with Bivariate Geometric Distribution](#)

Jing Li
New Jersey Institute of Technology

[Sparse canonical correlation analysis, with applications to genomic data](#)

Daniela M. Witten
Stanford University, Department of Statistics

[Unifying Vertical and Non-Vertical Evolution](#)

Erik Bloomquist
University of California, Los Angeles

[XPRIME: A Method Incorporating Expert Prior Information into Motif Exploration](#)

Rachel Poulsen
Brigham Young University Statistics Department