NESS registration and abstract submission summary

Henry Linder (mhlinder@gmail.com)
April 13, 2017

Setup

```
library(magrittr)
library(dplyr)

library(readr)
library(stringdist)

abs <-
    read_csv("../bak/abstracts.csv")
reg <-
    read_csv("../bak/reg.csv")
```

Abstracts submitted without a registration

```
regnums <- abs$reg %>% gsub("[\t ]", "", .)

ix_missing <- which((regnums == "NESS17-1234") |
                    (!regnums %in% reg$invoice))

abs[ix_missing,]$presenter
```

```
## [1] "Ray Liu"          "Renato Polimanti" "Michael Kane"
```

Speakers without an abstract

Load data parsed from files:

- Invited sessions schedule and program
- Submitted abstracts
- Registration

We generate a data frame with rows representing an individual speaker.

```
load("../parsed.Rdata")

df_sessions <-
    lapply(sessions,
       function(x) {
           inspkrs <- x$speakers
           outspkrs <- list()
           for (i in 1:length(inspkrs)) {
               s <- inspkrs[[i]]
               outspkrs[[i]] <- data.frame(name        = ifelse(is.null(s$name), NA, s$name)
                                           affiliation = ifelse(is.null(s$affiliation), NA,
                                           paper       = ifelse(is.null(s$paper), NA, s$pape
                                           session     = x$title,
                                           stringsAsFactors = FALSE)
           }
           do.call(bind_rows, outspkrs)
       }) %>%
    do.call(bind_rows, .)
```

Then we find the closest match to each row along three different fields in the submitted abstracts:

- Presenter name
- Affiliation
- Paper title

```
titles <- sapply(sessions, . %>% use_series(title))

df_sessions[c("ix_presenter", "ix_aff", "ix_title")] <- NA
for (i in 1:nrow(df_sessions)) {
## for (i in 1:1) {
    r <- df_sessions[i,]
    ix_session <- stringdist(r$session, abs$session) %>% which.min
    this_session <- abs$session[ix_session]
    candidates <- abs %>% filter(session == this_session)
    df_sessions$ix_presenter[i] <- stringdist(r$name, candidates$presenter) %>% which.min

    if (!is.na(r$affiliation))
        df_sessions$ix_aff[i] <- stringdist(r$affiliation, candidates$affiliation) %>% which
    if (!is.na(r$paper))
        df_sessions$ix_title[i] <- stringdist(r$paper, candidates$title) %>% which.min

    r <- df_sessions[i,]

    cat("\n")
```

```
    cat(sprintf("# %s\n", r$session))

    cat("\n")

    cat(sprintf("**%s**, %s: %s\n\n",
                r$name,
                r$affiliation,
                r$paper))

    out_presenter <- sprintf("**%s**, %s: %s",
                             candidates$presenter[r$ix_presenter],
                             candidates$affiliation[r$ix_presenter],
                             candidates$title[r$ix_presenter])
    cat(sprintf("* %s\n (matched by presenter)\n", out_presenter))

    out_aff <- sprintf("**%s**, %s: %s",
                       candidates$presenter[r$ix_aff],
                       candidates$affiliation[r$ix_aff],
                       candidates$title[r$ix_aff])
    cat(sprintf("* %s\n (matched by affiliation)\n", out_aff))

    if (!is.na(r$ix_title)) {
        out_title <- sprintf("**%s**, %s: %s",
                             candidates$presenter[r$ix_title],
                             candidates$affiliation[r$ix_title],
                             candidates$title[r$ix_title])
        cat(sprintf("* %s\n (matched by title)\n", out_title))
    }

    cat("\n")
    cat("-----\n")
    cat("\n\n")

}
```

1. New Vistas in Statistics with Applications

Aleksey Polunchenko, Binghamton University: NA

- **Aleksey Polunchenko**, Binghamton University: Asymptotic Exponentiality of the First Exit Time of the Shiryaev-Roberts Diffusion with Constant Positive Drift (matched by presenter)
- **Aleksey Polunchenko**, Binghamton University: Asymptotic Exponentiality of the First Exit Time of the Shiryaev-Roberts Diffusion with Constant Positive Drift (matched by affiliation)

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1. New Vistas in Statistics with Applications

Vasanthan Raghavan, Qualcomm Flarion Technologies, New Jersey: NA

- **Emmanuel Yashchin**, IBM Research: Alarm prioritization in Early Warning Systems (matched by presenter)
- **Aleksey Polunchenko**, Binghamton University: Asymptotic Exponentiality of the First Exit Time of the Shiryaev-Roberts Diffusion with Constant Positive Drift (matched by affiliation)

---

1. New Vistas in Statistics with Applications

Zuofeng Shang, Binghamton University: NA

- **Zuofeng Shang**, Binghamton University: Computationally Efficient Nonparametric Testing (matched by presenter)
- **Aleksey Polunchenko**, Binghamton University: Asymptotic Exponentiality of the First Exit Time of the Shiryaev-Roberts Diffusion with Constant Positive Drift (matched by affiliation)

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1. New Vistas in Statistics with Applications

Emmanuel Yashchin, IBM: NA

- **Emmanuel Yashchin**, IBM Research: Alarm prioritization in Early Warning Systems (matched by presenter)
- **Emmanuel Yashchin**, IBM Research: Alarm prioritization in Early Warning Systems (matched by affiliation)

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2. Non-Clinical in Pharmaceutical Industry

Don Bennett, Pfizer: NA

- **QIQI DENG**, Boehringer Ingelheim: Choosing timing and boundary for futility analysis based on cost-effective assessment (matched by presenter)
- **Joseph C. Cappelleri**, Pfizer Inc: Meta-Analysis of Safety Data in Clinical Trials (matched by affiliation)

---

2. Non-Clinical in Pharmaceutical Industry

Jerry Lewis, Biogen: NA

- **QIQI DENG**, Boehringer Ingelheim: Choosing timing and boundary for futility analysis based on cost-effective assessment (matched by presenter)
- **Joseph C. Cappelleri**, Pfizer Inc: Meta-Analysis of Safety Data in Clinical Trials (matched by affiliation)

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2. Non-Clinical in Pharmaceutical Industry

Ray Liu, Takeda: NA

- **QIQI DENG**, Boehringer Ingelheim: Choosing timing and boundary for futility analysis based on cost-effective assessment (matched by presenter)
- **Joseph C. Cappelleri**, Pfizer Inc: Meta-Analysis of Safety Data in Clinical Trials (matched by affiliation)

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2. Non-Clinical in Pharmaceutical Industry

Chi-Hse Teng, Novartis: NA

- **Bushi Wang**, Boehringer Ingelheim: How to Evaluate Type II Error Rate with Multiple Endpoints (matched by presenter)
- **Joseph C. Cappelleri**, Pfizer Inc: Meta-Analysis of Safety Data in Clinical Trials (matched by affiliation)

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3. Space-Time Statistical Solutions at Ibm Research

Julie Novak, IBM T. J. Watson Research Center: Revenue Assessment in Large-Scale Businesses

- **Julie Novak**, IBM Research: Statistical Challenges of Large-Scale Revenue Forecasting (matched by presenter)
- **Yasuo Amemiya**, IBM T. J. Watson Research Center: Spatio-Temporal Analysis for System Management (matched by affiliation)
- **Julie Novak**, IBM Research: Statistical Challenges of Large-Scale Revenue Forecasting (matched by title)

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3. Space-Time Statistical Solutions at Ibm Research

Xiao Liu, IBM T. J. Watson Research Center: A Spatio-Temporal Modeling Approach for Weather Radar Image Data

- **Xiao Liu**, IBM Thomas J. Watson Research Center: A spatio-temporal modeling framework for weather radar image data in tropical Southeast Asia (matched by presenter)
- **Yasuo Amemiya**, IBM T. J. Watson Research Center: Spatio-Temporal Analysis for System Management (matched by affiliation)
- **Yasuo Amemiya**, IBM T. J. Watson Research Center: Spatio-Temporal Analysis for System Management (matched by title)

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3. Space-Time Statistical Solutions at Ibm Research

Rodrigue Ngueyep Tzoumpe, IBM T. J. Watson Research Center : Spatial Segmentation of Spatial-Temporal Lattice Models for Agricultural Management Zoning

- **Rodrigue Ngueyep**, IBM Thomas J. Watson Research Center: Spatial Segmentation of Spatial-Temporal Lattice Models for Agricultural Management Zoning (matched by presenter)
- **Yasuo Amemiya**, IBM T. J. Watson Research Center: Spatio-Temporal Analysis for System Management (matched by affiliation)
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- **Yasuo Amemiya**, IBM T. J. Watson Research Center: Spatio-Temporal Analysis for System Management (matched by title)

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4. Graphical Models, Networks, Regulatome and Multivariate Analysis

Forrest W. Crawford, Yale: Causal Inference for Network Epidemics

- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by presenter)
- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by affiliation)
- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by title)

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4. Graphical Models, Networks, Regulatome and Multivariate Analysis

Zhengqing Ouyang, Jackson Labs: NA

- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by presenter)
- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by affiliation)

---

4. Graphical Models, Networks, Regulatome and Multivariate Analysis

Sijian Wang, University of Wisconsin Madison: NA

- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by presenter)
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4. Graphical Models, Networks, Regulatome and Multivariate Analysis

Kuang-Yao Lee, Yale: Learning Causal Networks via Additive Faithfulness

- **Kuang-Yao Lee**, Yale University: Learning causal networks via additive faithfulness (matched by presenter)
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5. Big Data

Jacob Bien, Cornell University: Learning Local Dependence in Ordered Data

- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by presenter)
- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by affiliation)
- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by title)

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5. Big Data

Li Ma, Duke University: Fisher exact scanning for dependency

- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by presenter)
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- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by title)

---

5. Big Data

Pengsheng Ji, University of Georgia: Flexible Spectral Methods for Community Detection

- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by presenter)
- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by affiliation)
- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by title)

---

5. Big Data

Chihwa Kao, University of Connecticut: Large Dimensional Econometrics and Identification

- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by presenter)
- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by affiliation)
- **Li Ma**, Duke University: Fisher exact scanning for dependency (matched by title)

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6. Bayesian Applications in High-Dimensional and Multivariate Modeling

Seongho Song, University of Cincinnati: Bayesian Multivariate Gamma-Frailty Cox Model for Clustered Current Status Data

- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by presenter)
- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by affiliation)
- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by title)

---

6. Bayesian Applications in High-Dimensional and Multivariate Modeling

Xia Wang, University of Cincinnati: Scalable Massive Multivariate Data Modeling

- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by presenter)
- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by affiliation)
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6. Bayesian Applications in High-Dimensional and Multivariate Modeling

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---

6. Bayesian Applications in High-Dimensional and Multivariate Modeling

Jian Zou, Worcester Polytechnic Institute: High Dimensional Dynamic Modeling for Massive Spatio-Temporal Data

- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by presenter)
- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by affiliation)
- **Gyuhyeong Goh**, Kansas State University: Bayesian variable selection using marginal posterior consistency (matched by title)

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7. New Advances in Analysis of Complex Data: Heterogeneity and High Dimensions

Dungang Liu, University of Cincinnati: Nonparametric Fusion Learning: Synthesize Inferences from Diverse Sources using Confidence Distribution, Data Depth and Bootstrap

- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by presenter)
- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by affiliation)
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7. New Advances in Analysis of Complex Data: Heterogeneity and High Dimensions

Pierre Bellec, Rutgers University: Slope Meets Lasso in Sparse Linear Regression

- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by presenter)
- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by affiliation)
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7. New Advances in Analysis of Complex Data: Heterogeneity and High Dimensions

Yiyuan She, Floriday State University: On cross-validation for sparse reduced rank regression

- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by presenter)
- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by affiliation)
- **Dan Yang**, Rutgers University-New Brunswick: Bilinear Regression with Matrix Covariates in High Dimensions (matched by title)

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8. Machine Learning and Big Data Analytics

Sanguthevar Rajasekaran, University of Connecticut: The closest pair problem: Algorithms and applications

- **Sheida Nabavi**, University of Connecticut: Statistical machine learning to identify candidate drivers of drug resistance in cancer (matched by presenter)
- **Sheida Nabavi**, University of Connecticut: Statistical machine learning to identify candidate drivers of drug resistance in cancer (matched by affiliation)
- **Michael Kane**, Yale University: A First Look at Using Human Mobility Data to Assess Community Resilience (matched by title)

---

8. Machine Learning and Big Data Analytics

Renato Polimanti, Yale University: Resources to Investigate the Genetic Architecture of Complex Traits: Large-Scale Datasets and Summary Association Data

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8. Machine Learning and Big Data Analytics

Sheida Nabavi, University of Connecticut: Statistical machine learning to identify candidate drivers of drug resistance in cancer

- **Sheida Nabavi**, University of Connecticut: Statistical machine learning to identify candidate drivers of drug resistance in cancer (matched by presenter)
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8. Machine Learning and Big Data Analytics

Michael Kane, Yale University: A First Look at Using Human Mobility Data to Assess Community Resilience

- **Michael Kane**, Yale University: A First Look at Using Human Mobility Data to Assess Community Resilience (matched by presenter)
- **Renato Polimanti**, Yale University: Resources to Investigate the Genetic Architecture of Complex Traits: Large-Scale Datasets and Summary Association Data (matched by affiliation)
- **Michael Kane**, Yale University: A First Look at Using Human Mobility Data to Assess Community Resilience (matched by title)

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9. Statistical Approaches in Modeling and Incorporating Dependence

Mengyu Xu, University of Central Florida: Pearson's Chi-Squared Statistics: Approximation Theory and Beyond

- **Mengyu Xu**, University of Central Florida: Pearson's Chi-squared statistics: approximation theory and beyond (matched by presenter)
- **Mengyu Xu**, University of Central Florida: Pearson's Chi-squared statistics: approximation theory and beyond (matched by affiliation)
- **Mengyu Xu**, University of Central Florida: Pearson's Chi-squared statistics: approximation theory and beyond (matched by title)

---

9. Statistical Approaches in Modeling and Incorporating Dependence

Kun Chen, University of Connecticut: Robust Dimension Reduction of Correlated Multivariate Data

- **Kun Chen**, University of Connecticut: Regularized mixture regression with mixed and incomplete outcomes (matched by presenter)
- **Kun Chen**, University of Connecticut: Regularized mixture regression with mixed and incomplete outcomes (matched by affiliation)
- **Forrest W. Crawford**, Yale University: Causal inference for network epidemics (matched by title)

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9. Statistical Approaches in Modeling and Incorporating Dependence

Liliya Lavitas, Boston University: Unsupervised Self-Normalized Change-Point Testing for Time Series

- **Liliya Lavitas**, Boston University: Unsupervised Self-Normalized Change-Point Testing for Time Series (matched by presenter)
- **Liliya Lavitas**, Boston University: Unsupervised Self-Normalized Change-Point Testing for Time Series (matched by affiliation)
- **Liliya Lavitas**, Boston University: Unsupervised Self-Normalized Change-Point Testing for Time Series (matched by title)

---

9. Statistical Approaches in Modeling and Incorporating Dependence

Buddika Peiris, Worcester Polytechnic Institute: Constrained Inference in Regression

- **Buddika Peiris**, Worcester Polytechnic Institute: Assistant Teaching Professor. (matched by presenter)
- **Buddika Peiris**, Worcester Polytechnic Institute: Assistant Teaching Professor. (matched by affiliation)
- **Buddika Peiris**, Worcester Polytechnic Institute: Assistant Teaching Professor. (matched by title)

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10. Biopharmaceutical Statistics

Abidemi Adeniji, EMD Serono: NA

- **Chi-Hse Teng**, Novartis: Finding needles in a hay stack – an approach for a small-number-factor high-dimensional data (matched by presenter)
- **Donald Bennett**, Pfizer: Nonclinical Statistics in Drug Development: In vitro and In vivo examples (matched by affiliation)

---

10. Biopharmaceutical Statistics

Bushi Wang, Boehringer-Ingelheim: NA

- **Ray Liu**, Takeda: Building predictive genomics signatures in early clinical development – statistical and practical considerations (matched by presenter)
- **Jerry Lewis**, Biogen: Outlook on Outliers (matched by affiliation)

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10. Biopharmaceutical Statistics

Joseph c Cappelleri, Pfizer: Meta-Analysis of Safety Data in Clinical Trials

- **Donald Bennett**, Pfizer: Nonclinical Statistics in Drug Development: In vitro and In vivo examples (matched by presenter)
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10. Biopharmaceutical Statistics

Qiqi Deng, Boehringer Ingelheim: NA

- **Chi-Hse Teng**, Novartis: Finding needles in a hay stack – an approach for a small-number-factor high-dimensional data (matched by presenter)
- **Jerry Lewis**, Biogen: Outlook on Outliers (matched by affiliation)

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10. Biopharmaceutical Statistics

Birol Emir, Pfizer: NA

- **Jerry Lewis**, Biogen: Outlook on Outliers (matched by presenter)
- **Donald Bennett**, Pfizer: Nonclinical Statistics in Drug Development: In vitro and In vivo examples (matched by affiliation)

---

11. Extremes

John Nolan, American University: Mvevd: An R Package for Extreme Value Distributions

- **Tom Chen**, Harvard University: A stochastic second-order generalized estimating equations approach for estimating intraclass correlation in the presence of informative missing data (matched by presenter)
- **Michael C. Burkhart**, Brown University: The discriminative Kalman filter for nonlinear and non-Gaussian sequential Bayesian filtering (matched by affiliation)
- **Shaoyang Ning**, Harvard University: A Nonparametric Bayesian Approach to Copula Estimation (matched by title)

---

11. Extremes

Jingjing Zou, Columbia University: Extreme Value Analysis without the Largest Values: What can be Done?

- **Jinxin Tao**, Worcester Polytechnic Institute: Comparison between confidence intervals of multiple linear regression models with and without restriction (matched by presenter)
- **Elizabeth Upton**, Boston University: Bayesian Network Regularized Regression for Modeling Urban Crime Occurrences (matched by affiliation)
- **Indrani Mandal**, University of Rhode Island: Correlation analysis of multivariate Smartwatch data (matched by title)

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11. Extremes

Karthyek Murthy, Columbia University: Distributionally Robust Extreme Value Analysis

- **Kaitlin Dio**, University of Rhode Island: Exploring Feedback in an Introductory Biostatistics Course: A Repeated Measures Analysis (matched by presenter)
- **Elizabeth Upton**, Boston University: Bayesian Network Regularized Regression for Modeling Urban Crime Occurrences (matched by affiliation)
- **Xinyu Chen**, Worcester Polytechnic Institute: Restricted Inference In Multiple Linear Regression (matched by title)

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11. Extremes

Tiandong Wang, Cornell University: Asymptotic Normality of Degree Counts in the Preferential Attachment Network

- **Shaoyang Ning**, Harvard University: A Nonparametric Bayesian Approach to Copula Estimation (matched by presenter)
- **Shaoyang Ning**, Harvard University: A Nonparametric Bayesian Approach to Copula Estimation (matched by affiliation)
- **Xinran Li**, Harvard University: Asymptotic Theory of Rerandomization in Treatment-Control Experiments (matched by title)

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12. Feinberg Memorial Session: Bayesian Statistics with Applications

Edoardo Airoldi, Harvard University: Bayesian Methods for Protein Quantification

- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by presenter)
- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by affiliation)
- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by title)

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12. Feinberg Memorial Session: Bayesian Statistics with Applications

Bani Mallick, Texas A&M University: Fast Sampling with Gaussian Scale-Mixture Priors in High Dimensional Regression

- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by presenter)
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- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by title)

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12. Feinberg Memorial Session: Bayesian Statistics with Applications

Sudipto Banerjee, UCLA: High-Dimensional Bayesian Geostatistics

- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by presenter)
- **DIlli Bhatta**, University of South Carolina Upstate: A Bayesian Test of Independence in a Two-Way Contingency Table Under Two-Stage Cluster Sampling with Covariates (matched by affiliation)
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1. Panel Discussion on Careers in Statistics

Birol Emir, Pfizer: NA

- **Jerry Lewis**, Biogen: Outlook on Outliers (matched by presenter)
- **Donald Bennett**, Pfizer: Nonclinical Statistics in Drug Development: In vitro and In vivo examples (matched by affiliation)

---

1. Panel Discussion on Careers in Statistics

Chun Wang, University of Connecticut: NA

- **Chi-Hse Teng**, Novartis: Finding needles in a hay stack – an approach for a small-number-factor high-dimensional data (matched by presenter)
- **Chi-Hse Teng**, Novartis: Finding needles in a hay stack – an approach for a small-number-factor high-dimensional data (matched by affiliation)

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1. Panel Discussion on Careers in Statistics

Yasuo Amemiya, IBM T. J. Watson Research Center: NA

- **Jerry Lewis**, Biogen: Outlook on Outliers (matched by presenter)
- **Jerry Lewis**, Biogen: Outlook on Outliers (matched by affiliation)

---

1. Panel Discussion on Careers in Statistics

Minge Xie, NA: NA

- **Ray Liu**, Takeda: Building predictive genomics signatures in early clinical development – statistical and practical considerations (matched by presenter)
- **NA**, NA: NA (matched by affiliation)

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2. Statistical Applications in Finance and Insurance

Liang Peng, Georgia State University: Inference for Predictive Regressions

- **Liang Peng**, Georgia State University: Professor (matched by presenter)
- **Liang Peng**, Georgia State University: Professor (matched by affiliation)
- **Liang Peng**, Georgia State University: Professor (matched by title)

---

2. Statistical Applications in Finance and Insurance

Fangfang Wang, University of Connecticut: A Common Factor Analysis of Stock Market Trading Activity

- **Fangfang Wang**, UConn: A Common Factor Analysis of Stock Market Trading Activity (matched by presenter)
- **Fangfang Wang**, UConn: A Common Factor Analysis of Stock Market Trading Activity (matched by affiliation)
- **Fangfang Wang**, UConn: A Common Factor Analysis of Stock Market Trading Activity (matched by title)

---

2. Statistical Applications in Finance and Insurance

Oleksii Mostovyi, University of Connecticut: Sensitivity analysis of the expected utility maximization problem

- **Liang Peng**, Georgia State University: Professor (matched by presenter)
- **Fangfang Wang**, UConn: A Common Factor Analysis of Stock Market Trading Activity (matched by affiliation)
- **Fangfang Wang**, UConn: A Common Factor Analysis of Stock Market Trading Activity (matched by title)

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2. Statistical Applications in Finance and Insurance

Aritra Halder, Shariq Mohammed, Matthew Lamoureux, Brien Aronov, University of Connecticut: Towards differential pricing in auto insurance via large-scale predictive modeling: a partnership between Travelers and UConn

- **Brien Aronov, Aritra Halder, Matthew Lamoureux and Shariq Mohammed**, University of Connecticut and Travelers Insurance: Modelling of Large Insurance Claims and Occurrence Data: A UConn - Travelers Partnership (matched by presenter)
- **Fangfang Wang**, UConn: A Common Factor Analysis of Stock Market Trading Activity (matched by affiliation)
- **Brien Aronov, Aritra Halder, Matthew Lamoureux and Shariq Mohammed**, University of Connecticut and Travelers Insurance: Modelling of Large Insurance Claims and Occurrence Data: A UConn - Travelers Partnership (matched by title)

3. Application of Statistical/Predictive Modeling in Health Related Industry

Xiaoyu Jia, Icahn School of Medicine at Mount Sinai: NA

- **Xiaoyu Jia**, Icahn School of Medicine at Mount Sinai: Opportunities and Challenges in Leveraging Results from Analysis of National Cancer Data Base (NCDB): A Call for Improvement in Quality and Reproducibility (matched by presenter)
- **Xiaoyu Jia**, Icahn School of Medicine at Mount Sinai: Opportunities and Challenges in Leveraging Results from Analysis of National Cancer Data Base (NCDB): A Call for Improvement in Quality and Reproducibility (matched by affiliation)

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3. Application of Statistical/Predictive Modeling in Health Related Industry

Zhaonan Sun, IBM T. J. Watson Research: Exploiting Convolutional Neural Network for Risk Prediction with Medical Feature Embedding

- **Zhaonan Sun**, IBM Research: Exploiting Convolutional Neural Network for Risk Prediction with Medical Feature Embedding (matched by presenter)
- **Zhaonan Sun**, IBM Research: Exploiting Convolutional Neural Network for Risk Prediction with Medical Feature Embedding (matched by affiliation)
- **Zhaonan Sun**, IBM Research: Exploiting Convolutional Neural Network for Risk Prediction with Medical Feature Embedding (matched by title)

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3. Application of Statistical/Predictive Modeling in Health Related Industry

Victoria Gamerman, Boehringer Ingelheim Pharmaceuticals, Inc.: NA

- **Victoria Gamerman**, Boehringer-Ingelheim Pharmaceuticals, Inc.: Focusing on patients: going beyond RCTs (matched by presenter)
- **Victoria Gamerman**, Boehringer-Ingelheim Pharmaceuticals, Inc.: Focusing on patients: going beyond RCTs (matched by affiliation)

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3. Application of Statistical/Predictive Modeling in Health Related Industry

Nan Shao, New York Life Insurance: Statistical Modeling in the Life Insurance Industry

- **Zhaonan Sun**, IBM Research: Exploiting Convolutional Neural Network for Risk Prediction with Medical Feature Embedding (matched by presenter)
- **Zhaonan Sun**, IBM Research: Exploiting Convolutional Neural Network for Risk Prediction with Medical Feature Embedding (matched by affiliation)
- **Victoria Gamerman**, Boehringer-Ingelheim Pharmaceuticals, Inc.: Focusing on patients: going beyond RCTs (matched by title)

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4. Survival Analysis

Daniel Nevo, Harvard: NA

- **Daniel Nevo**, Harvard University: Calibration models for survival analysis with interval-censored exposure or treatment starting time (matched by presenter)
- **Daniel Nevo**, Harvard University: Calibration models for survival analysis with interval-censored exposure or treatment starting time (matched by affiliation)

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4. Survival Analysis

Bella Vakulenko-Lagun, Harvard: NA

- **Bella Vakulenko-Lagun**, Harvard University: Cox regression for right-truncated data (matched by presenter)
- **Daniel Nevo**, Harvard University: Calibration models for survival analysis with interval-censored exposure or treatment starting time (matched by affiliation)

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4. Survival Analysis

Jing Qian, UMass: NA

- **Jing Qian**, University of Massachusetts-Amherst: Multiple imputation of randomly censored covariates in regression analysis (matched by presenter)
- **Daniel Nevo**, Harvard University: Calibration models for survival analysis with interval-censored exposure or treatment starting time (matched by affiliation)

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4. Survival Analysis

Sangwook Kang, NA: NA

- **Sangwook Kang**, Yonsei University, Korea: Accelerated failure time modeling via nonparametric infinite scale mixtures (matched by presenter)
- **NA**, NA: NA (matched by affiliation)

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5. Complex Data/Network Modeling

Yize Zhao, Weill Cornell Medical College, Cornell: Hierarchical Feature Selection of the Complex Biomedical Data

- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by presenter)
- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by affiliation)
- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by title)

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5. Complex Data/Network Modeling

Heather Shappell, Biostatistics, Boston University: Methods for Longitudinal Complex Network Analysis in Neuroscience

- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by presenter)
- **Xuan Bi**, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits through Imaging Phenotypes (matched by affiliation)

- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by title)

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5. Complex Data/Network Modeling

Krista Gile, Math and Statistics, UMASS: Inference from Link-Tracing Network Samples

- **Xuan Bi**, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits through Imaging Phenotypes (matched by presenter)
- **Xuan Bi**, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits through Imaging Phenotypes (matched by affiliation)
- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by title)

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5. Complex Data/Network Modeling

Xizhen Cai, Temple: Variable Selection for Dynamic Networks

- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by presenter)
- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by affiliation)
- **Xizhen Cai**, Temple University: Variable Selection for Dynamic Citation Networks (matched by title)

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5. Complex Data/Network Modeling

Xuan Bi, Department of Biostatistics, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits in the Philadelphia Neurodevelopmental Cohort

- **Xuan Bi**, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits through Imaging Phenotypes (matched by presenter)
- **Xuan Bi**, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits through Imaging Phenotypes (matched by affiliation)

- **Xuan Bi**, Yale University: Genome-Wide Mediation Analysis of Psychiatric and Cognitive Traits through Imaging Phenotypes (matched by title)

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6. Spatial Analysis of Public Health Data

Harrison Quick, Dornsife School of Public Health, Drexel University: Spatiotemporal Trends in Heart Disease Mortality

- **Harrison Quick**, Drexel University: Spatiotemporal trends in stroke mortality (matched by presenter)
- **Harrison Quick**, Drexel University: Spatiotemporal trends in stroke mortality (matched by affiliation)
- **Harrison Quick**, Drexel University: Spatiotemporal trends in stroke mortality (matched by title)

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6. Spatial Analysis of Public Health Data

Joshua Warren, Yale School of Public Health: A Bayesian Spatial Kernel Smoothing Method to Estimate Local Vaccine Uptake using Administrative Records

- **Joshua Warren**, Yale University: A Spatial Method to Estimate Local Vaccine Uptake Using Administrative Records (matched by presenter)
- **Joshua Warren**, Yale University: A Spatial Method to Estimate Local Vaccine Uptake Using Administrative Records (matched by affiliation)
- **Joshua Warren**, Yale University: A Spatial Method to Estimate Local Vaccine Uptake Using Administrative Records (matched by title)

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6. Spatial Analysis of Public Health Data

Gavino Puggioni, University of Rhode Island: Spatiotemporal Analysis of Vector-Borne Disease Risk

- **Gavino Puggioni**, University of Rhode Island: Spatiotemporal Analysis of Vector-borne Disease Risk (matched by presenter)
- **Gavino Puggioni**, University of Rhode Island: Spatiotemporal Analysis of Vector-borne Disease Risk (matched by affiliation)
- **Gavino Puggioni**, University of Rhode Island: Spatiotemporal Analysis of Vector-borne Disease Risk (matched by title)

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6. Spatial Analysis of Public Health Data

Chanmin Kim, Harvard T. H. Chan School of Public Health: Public Health Impact of Pollutant Emissions

- **Chanmin Kim**, Harvard University: Public Health Impact of Pollutant Emissions (matched by presenter)
- **Chanmin Kim**, Harvard University: Public Health Impact of Pollutant Emissions (matched by affiliation)
- **Chanmin Kim**, Harvard University: Public Health Impact of Pollutant Emissions (matched by title)

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7. Network Data Analysis

Jp Onnela, Harvard University: Inference and model selection for mechanistic network models

- **JP Onnela**, Harvard University: Parameter Inference and Model Selection for Mechanistic Network Models (matched by presenter)
- **JP Onnela**, Harvard University: Parameter Inference and Model Selection for Mechanistic Network Models (matched by affiliation)
- **JP Onnela**, Harvard University: Parameter Inference and Model Selection for Mechanistic Network Models (matched by title)

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7. Network Data Analysis

Vishesh Karwa, Harvard University: Estimating average treatment effects under interference: Modes of failure and solutions

- **Vishesh Karwa**, Harvard University: Estimating average treatment effects under interference: Modes of failure and solutions (matched by presenter)
- **JP Onnela**, Harvard University: Parameter Inference and Model Selection for Mechanistic Network Models (matched by affiliation)
- **Vishesh Karwa**, Harvard University: Estimating average treatment effects under interference: Modes of failure and solutions (matched by title)

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7. Network Data Analysis

Xinran Li, Harvard University: Randomization Inference for Peer Effects

- **Xinran Li**, Harvard University: Randomization Inference for Peer Effects (matched by presenter)
- **JP Onnela**, Harvard University: Parameter Inference and Model Selection for Mechanistic Network Models (matched by affiliation)
- **Xinran Li**, Harvard University: Randomization Inference for Peer Effects (matched by title)

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8. Statistical Approaches to Data Modeling and Analysis

Evan Ray, University of Massachusetts Amherst: Feature-Weighted Ensembles for Probabilistic Time-Series Forecasts

- **Evan L. Ray**, University of Massachusetts, Amherst: Feature-Weighted Ensembles for Probabilistic Time-Series Forecasts (matched by presenter)
- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by affiliation)
- **Evan L. Ray**, University of Massachusetts, Amherst: Feature-Weighted Ensembles for Probabilistic Time-Series Forecasts (matched by title)

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8. Statistical Approaches to Data Modeling and Analysis

Daeyoung Kim, University of Massachusetts Amherst: Assessment of the Adequacy of Asymptotic Theory in Statistical Inference

- **Daeyoung Kim**, University of Massachusetts-Amherst: Confidence distribution sampling and its application (matched by presenter)
- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by affiliation)
- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by title)

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8. Statistical Approaches to Data Modeling and Analysis

Patrick Flaherty, University of Massachusetts: A Deterministic Global Optimization Method for Variational Inference

- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by presenter)
- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by affiliation)
- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by title)

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8. Statistical Approaches to Data Modeling and Analysis

Matthias Steinruecken, University of Massachusetts Amherst: Unraveling the Demographic History of Modern Humans using Full- Genome Sequencing Data

- **Matthias Steinruecken**, University of Massachusetts-Amherst: Unraveling the demographic history of modern humans using full-genome sequencing data (matched by presenter)
- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by affiliation)
- **Matthias Steinruecken**, University of Massachusetts-Amherst: Unraveling the demographic history of modern humans using full-genome sequencing data (matched by title)

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8. Statistical Approaches to Data Modeling and Analysis

Zheng Wei, University of Massachusetts Amherst: On Multivariate Asymmetric Dependence Using Multivariate Skew-Normal Copula-Based Regression

- **Daeyoung Kim**, University of Massachusetts-Amherst: Confidence distribution sampling and its application (matched by presenter)

- **Patrick Flaherty**, University of Massachusetts-Amherst: A Deterministic Global Optimization Method for Variational Inference (matched by affiliation)
- **Daeyoung Kim**, University of Massachusetts-Amherst: Confidence distribution sampling and its application (matched by title)

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9. Social Networks and Causal Inference

Daniel Sussman, Boston University: Optimal Unbiased Estimation of Causal Effects under Network Interference

- **Daniel Sussman**, Boston University: ptimal Unbiased Estimation of Causal Effects under Network Interference (matched by presenter)
- **Daniel Sussman**, Boston University: ptimal Unbiased Estimation of Causal Effects under Network Interference (matched by affiliation)
- **Daniel Sussman**, Boston University: ptimal Unbiased Estimation of Causal Effects under Network Interference (matched by title)

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9. Social Networks and Causal Inference

Alex Volfovsky, Duke University: Causal Inference in the Presence of Networks: Randomization and Observation

- **Alexander Volfovsky**, Duke University: Causal inference in the presence of networks: randomization and observation (matched by presenter)
- **Alexander Volfovsky**, Duke University: Causal inference in the presence of networks: randomization and observation (matched by affiliation)
- **Alexander Volfovsky**, Duke University: Causal inference in the presence of networks: randomization and observation (matched by title)

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9. Social Networks and Causal Inference

Dean Eckles, Massachusetts Institute of Technology: Estimating Peer Effects in Networks with Peer Encouragement Designs

- **Dean Eckles**, MIT: Estimating peer effects in networks with peer encouragement designs (matched by presenter)
- **Alexander Volfovsky**, Duke University: Causal inference in the presence of networks: randomization and observation (matched by affiliation)

- **Dean Eckles**, MIT: Estimating peer effects in networks with peer encouragement designs (matched by title)

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9. Social Networks and Causal Inference

Hyunseung Kang, University of Wisconsin at Madison: Peer Encouragement Designs in Causal Inference with Partial Interference and Identification of Local Average Network Effects

- **Hyunseung Kang**, University of Wisconsin Madison: Peer Encouragement Designs in Causal Inference with Partial Interference and Identification of Local Average Network Effects (matched by presenter)
- **Hyunseung Kang**, University of Wisconsin Madison: Peer Encouragement Designs in Causal Inference with Partial Interference and Identification of Local Average Network Effects (matched by affiliation)
- **Hyunseung Kang**, University of Wisconsin Madison: Peer Encouragement Designs in Causal Inference with Partial Interference and Identification of Local Average Network Effects (matched by title)

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10. Statistical Innovations in Genomics

Hongkai Ji, Johns Hopkins Bloomberg School of Public Health: NA

- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by presenter)
- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by affiliation)

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10. Statistical Innovations in Genomics

Pei Wang, Mount Sinai School of Medicine: Constructing Tumor-Specific Gene Regulatory Networks Based on Samples with Tumor Purity Heterogeneity

- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by presenter)
- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by affiliation)
- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by title)

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10. Statistical Innovations in Genomics

Yuping Zhang, University of Connecticut: NA

- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by presenter)
- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by affiliation)

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10. Statistical Innovations in Genomics

Kai Wang, Columbia University: Long Read Sequencing to Study Human Genome Variation

- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by presenter)
- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by affiliation)
- **Hongkai Ji**, Johns Hopkins University: Single-cell RNA-seq Analysis by Spanning Trees (matched by title)

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11. Recent Developments on High-Dimensional Statistics and Regularized Estimation

Ethan Fang, Penn State: Blessing of Massive Scale: Spatial Graphical Model Estimation with a Total Cardinality Constraint Approach

- **Ethan Fang**, Pennsylvania State University-Main Campus: Blessing of Massive Scale: Spatial Graphical Model Estimation with a Total Cardinality Constraint Approach (matched by presenter)
- **Sahand Negahban**, Yale University: On Approximation Guarantees for Greedy Low Rank Optimization (matched by affiliation)
- **Ethan Fang**, Pennsylvania State University-Main Campus: Blessing of Massive Scale: Spatial Graphical Model Estimation with a Total Cardinality Constraint Approach (matched by title)

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11. Recent Developments on High-Dimensional Statistics and Regularized Estimation

Cheng Yong Tang, Temple University: Sufficient Dimension Reduction with Missing Data

- **Cheng Yong Tang**, Temple University: Sufficient dimension reduction with missing data (matched by presenter)
- **Cheng Yong Tang**, Temple University: Sufficient dimension reduction with missing data (matched by affiliation)
- **Cheng Yong Tang**, Temple University: Sufficient dimension reduction with missing data (matched by title)

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11. Recent Developments on High-Dimensional Statistics and Regularized Estimation

Sahand Nagahban, Yale University: Restricted Strong Convexity Implies Weak Sub-Modularity

- **Sahand Negahban**, Yale University: On Approximation Guarantees for Greedy Low Rank Optimization (matched by presenter)
- **Sahand Negahban**, Yale University: On Approximation Guarantees for Greedy Low Rank Optimization (matched by affiliation)
- **Cheng Yong Tang**, Temple University: Sufficient dimension reduction with missing data (matched by title)

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11. Recent Developments on High-Dimensional Statistics and Regularized Estimation

Ting Zhang, Boston University: A Thresholding-Based Prewhitened Long-Run Variance Estimator and Its Dependence-Oracle Property

- **Ting Zhang**, Boston University: A Thresholding-Based Prewhitened Long-Run Variance Estimator and Its Dependence-Oracle Property (matched by presenter)
- **Ting Zhang**, Boston University: A Thresholding-Based Prewhitened Long-Run Variance Estimator and Its Dependence-Oracle Property (matched by affiliation)
- **Ting Zhang**, Boston University: A Thresholding-Based Prewhitened Long-Run Variance Estimator and Its Dependence-Oracle Property (matched by title)

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12. Subgroup Analysis

Yanxun Xu, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design

- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by presenter)
- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by affiliation)
- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by title)

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12. Subgroup Analysis

Lynn Lin, Pennsylvania State University: Clustering with Hidden Markov Model on Variable Blocks

- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by presenter)
- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by affiliation)
- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by title)

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12. Subgroup Analysis

Jared Huling, University of Wisconsin-Madison: Heterogeneity of Intervention Effects and Subgroup Identification based on Longitudinal Outcomes

- **Jared Huling**, University of Wisconsin-Madison: Heterogeneity of Intervention Effects and Subgroup Identification based on Longitudinal Outcomes (matched by presenter)
- **Jared Huling**, University of Wisconsin-Madison: Heterogeneity of Intervention Effects and Subgroup Identification based on Longitudinal Outcomes (matched by affiliation)
- **Jared Huling**, University of Wisconsin-Madison: Heterogeneity of Intervention Effects and Subgroup Identification based on Longitudinal Outcomes (matched by title)

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12. Subgroup Analysis

Wai-Ki Yip, Foundation Medicine, Inc.: STEPP Analysis for continuous, binary, and count outcomes and other recent STEPP development

- **Wai-Ki Yip**, Foundation Medicine, Inc.: Sr. Biostatistician (matched by presenter)
- **Wai-Ki Yip**, Foundation Medicine, Inc.: Sr. Biostatistician (matched by affiliation)
- **Yanxun Xu**, Johns Hopkins University: A Nonparametric Bayesian Basket Trial Design (matched by title)
