



STATISTICS: A FOUNDATION FOR INNOVATION

Session Date and Time (Eastern Time)	Session Name
Sun, 8/7/2022, 2:00 PM-3:50 PM ET	Challenges in the Analysis of Spatially-Resolved Cell Imaging Data (Invited Papers; #9)
Sun, 8/7/2022, 2:00 PM-3:50 PM ET	Recent Advances in Statistical Methods Applied to Racial Equity Research (Invited Papers; #10)
Sun, 8/7/2022, 4:00 PM-5:50 PM ET	Novel Semiparametric Methods for Causal Inference (Invited Papers; #37)
Sun, 8/7/2022, 4:00 PM-5:50 PM ET	Mitigating Spatial Confounding – a Modern Take (Invited Papers; #41)
Sun, 8/7/2022, 4:00 PM-5:50 PM ET	Recent Developments of Statistical Methods for Microbiome Research (Invited Papers; #42)
Sun, 8/7/2022, 4:00 PM-5:50 PM ET	Recent Development in Mobile/Wearable Device Data Analysis (Invited Papers; #45)
Sun, 8/7/2022, 4:00 PM-5:50 PM ET	Causal Inference in the Presence of Nuisance Parameters: Latest Developments (Invited Papers; #47)
Sun, 8/7/2022, 4:00 PM-5:50 PM ET	Considerations in Selection of the Appropriate Intercurrent Event Strategies for Estimands: Hypothetical Vs Composite Vs Treatment Policy (Topic Contributed Papers; #53)
Mon, 8/8/2022, 8:30 AM-10:20 AM ET	Frontiers in Analysis of Microbiome Data, from Methods to Applications (Invited Papers; #83)
Mon, 8/8/2022, 8:30 AM-10:20 AM ET	New Topics and Methodological Developments for Single-Cell Data Science (Invited Papers; #86)
Mon, 8/8/2022, 8:30 AM-10:20 AM ET	Recent Advances in Multimodal Neuroimaging Data Integration (Invited Papers; #88)
Mon, 8/8/2022, 8:30 AM-10:20 AM ET	New Methods for Structured Variable Selection (Topic Contributed Papers; #97)
Mon, 8/8/2022, 10:30 AM-12:20 PM ET	Recent Developments in Causal Inference (Invited Papers; #120)
Mon, 8/8/2022, 10:30 AM-12:20 PM ET	Statistical Advances in Dimension Reduction and Feature Interpretability in Neuroimaging (Topic Contributed Papers; #132)
Mon, 8/8/2022, 10:30 AM-12:20 PM ET	Functional and High-Dimensional Analysis (Contributed Papers; #146)
Mon, 8/8/2022, 2:00 PM-3:50 PM ET	Fuzzy Clusters: Crossing Boundaries Between Non-Academic and Academic Domains (Invited Panel; #183)
Mon, 8/8/2022, 2:00 PM-3:50 PM ET	Statistical Methods for Assessing Genomic Heterogeneity (Topic Contributed Papers; #186)
Mon, 8/8/2022, 2:00 PM-3:50 PM ET	Novel Approaches for Assessment of Health Outcomes and Multi-Cohort Data Integration Using Wearable Devices in Large Scale Biomedical Studies (Topic Contributed Papers; #190)
Tue, 8/9/2022, 8:30 AM-10:20 AM ET	Novel Methodology Development in High-Dimensional Longitudinal Data Analysis (Invited Papers; #218)

Session Date and Time (Eastern Time)	Session Name
Tue, 8/9/2022, 8:30 AM-10:20 AM ET	Frontiers of Spatio-Temporal Statistical Learning in Healthcare and Environmental Science (Invited Papers; #220)
Tue, 8/9/2022, 8:30 AM-10:20 AM ET	Cross-Disciplinary Research on Health Data Science (Invited Papers; #222)
Tue, 8/9/2022, 8:30 AM-10:20 AM ET	Challenges and Opportunities for Funding Statistical Innovation (Invited Panel; #226)
Tue, 8/9/2022, 8:30 AM-10:20 AM ET	Recent Advancements in Nonparametric and Semiparametric Methodologies and Their Applications (Topic Contributed Papers; #235)
Tue, 8/9/2022, 8:30 AM-10:20 AM ET	SPEED: Statistics in Social Sciences and Survey Research Part 1 (Contributed Speed; #241)
Tue, 8/9/2022, 10:30 AM-12:20 PM ET	Statistical Advances for Heterogeneous Transcriptomics Data (Invited Papers; #256)
Tue, 8/9/2022, 10:30 AM-12:20 PM ET	Modern Statistical Methods for Structured Discovery in Large Biomedical Data (Invited Papers; #259)
Tue, 8/9/2022, 10:30 AM-12:20 PM ET	Causal Inference in Neuroimaging and Radiology (Topic Contributed Papers; #266)
Tue, 8/9/2022, 10:30 AM-12:20 PM ET	Contributed Poster Presentations: ENAR (Contributed Poster Presentations; #290)
Tue, 8/9/2022, 10:30 AM-11:15 AM ET	SPEED: Statistics in Social Sciences and Survey Research Part 2 (Contributed Poster Presentations; #294)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	Statistical Challenges in Large-Scale Imaging Studies (Invited Papers; #306)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	What We Know About What We Don't Know: Overcoming Incomplete Data in Practice (Invited Papers; #312)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	Innovative Statistical and Machine Learning Methods for Wearable Device Data (Topic Contributed Papers; #319)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	Innovative Approaches for Modeling Time-To-Event Data in the Presence of Competing Risks And/Or Time-Varying Covariates (Topic Contributed Papers; #320)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	Novel Statistical Methods and Applications in Precision Mental Health (Topic Contributed Papers; #322)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	Adaptive Enrichment Designs in Clinical Trials (Topic Contributed Papers; #323)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	On Surrogate Modeling of Emerging Issues in Physical and Engineering Simulators (Topic Contributed Papers; #327)
Tue, 8/9/2022, 2:00 PM-3:50 PM ET	Recent Development in Bayesian Dynamic Borrowing with Application to Clinical Trials. (Topic Contributed Panel; #328)
Wed, 8/10/2022, 8:30 AM-10:20 AM ET	New Areas in Complex High-Dimensional Data Analysis (Invited Papers; #360)
Wed, 8/10/2022, 8:30 AM-10:20 AM ET	New Advances in Integrative Learning for Multi-Group and Multi-View Data (Invited Papers; #366)
Wed, 8/10/2022, 8:30 AM-10:20 AM ET	Statistical Methods for Microbiome Data Analysis (Topic Contributed Papers; #372)
Wed, 8/10/2022, 8:30 AM-10:20 AM ET	Recent Advances in High-Dimensional Estimation and Inference Methods (Topic Contributed Papers; #381)

Session Date and Time (Eastern Time)	Session Name
Wed, 8/10/2022, 10:30 AM-12:20 PM ET	Pragmatic Innovations in Clinical Trial Designs: Key to Real Applications (Invited Papers; #399)
Wed, 8/10/2022, 10:30 AM-12:20 PM ET	Advances in Statistical Methods for Wearable and Mobile Health Data Analysis (Invited Papers; #402)
Wed, 8/10/2022, 10:30 AM-12:20 PM ET	Leo Breiman's Two Cultures: Introspection, Debate, and Discussion 20 Years Later (Invited Panel; #406)
Wed, 8/10/2022, 2:00 PM-3:50 PM ET	Confronting Global Climate Change (Invited Papers; #460)
Wed, 8/10/2022, 2:00 PM-3:50 PM ET	Beyond Propensity Scores: Novel Techniques in Utilizing Real World Data in Clinical Trials (Topic Contributed Papers; #476)
Wed, 8/10/2022, 2:00 PM-3:50 PM ET	Causal Inference for Dynamic Treatment and Mediation (Contributed Papers; #482)
Thu, 8/11/2022, 8:30 AM-10:20 AM ET	Advanced Developments in Methods and Algorithms for Modern Complex Imaging Data (Invited Papers; #494)
Thu, 8/11/2022, 8:30 AM-10:20 AM ET	Implementation of the Estimand Framework: Next Steps for Steady and Consistent Progress? (Invited Papers; #497)
Thu, 8/11/2022, 8:30 AM-10:20 AM ET	Recent Issues in the Design and Analysis of Clinical Trials in Neurodegenerative Disorders (Invited Papers; #499)
Thu, 8/11/2022, 8:30 AM-10:20 AM ET	Recent Developments in Modeling of Multivariate Functional Data (Invited Papers; #502)
Thu, 8/11/2022, 8:30 AM-10:20 AM ET	Robust and Efficient Analysis of Complex Time-To-Event Data (Topic Contributed Papers; #506)
Thu, 8/11/2022, 8:30 AM-10:20 AM ET	In Pursuit of Speed and Efficiency in New Drug Development: Statistical Designs at the Forefront of Pushing the Boundaries of Innovation (Topic Contributed Papers; #511)
Thu, 8/11/2022, 10:30 AM-12:20 PM ET	Novel Statistical Methods for Single-Cell Genomic Data (Invited Papers; #527)
Thu, 8/11/2022, 10:30 AM-12:20 PM ET	Prediction and Inference in Statistical Machine Learning (Invited Papers; #533)
Thu, 8/11/2022, 10:30 AM-12:20 PM ET	Tradeoff Between Risks and Benefits When Transporting Model Under Distribution Shift (Invited Papers; #534)
Thu, 8/11/2022, 10:30 AM-12:20 PM ET	Statisticians in the Reproducibility and Research Reform Movement (Invited Papers; #539)