

Assigned Session	Poster Number	Primary Category	Presenting Author	Title
Session 2	P9	Bayesian Causal Inference	Yufan Li	A Bayesian approach to risk constrained iterative experiments
Session 1	* P6	Bayesian Causal Inference	Jared Fisher	A Bayesian Semiparametric Approach to Treatment Effect Variation with Noncompliance
Session 1	* P283	Heterogeneous Treatment Effects	Hanna Kim	A causal mediation framework for examining treatment effect heterogeneity in longitudinal studies
Session 2	* P351	Machine Learning and Causal Inference	Yongseok Lee	A Comparison of Random Forests-Based Missing Imputation Methods For Covariates in Propensity Score Analysis
Session 2	* P175	Difference in Differences	Gary Hettinger	A Difference-in-Differences Framework to Estimate Causal Effects for Policy Interventions in the Presence of Heterogeneous Interference with an Application to the Philadelphia Beverage Tax
Session 2	P68	Causal Inference and Bias/Discrimination	Safiya Sirota	A health equity perspective on data-driven treatment decisions in cardiovascular care: risk assessments versus individualized treatment rules
Session 1	* P340	Machine Learning and Causal Inference	Jieru Shi	A Meta-Learning Method for Estimation of Causal Excursion Effects to Assess Time-Varying Moderation
Session 2	P304	Instrumental Variables	Zhonghua Liu	A novel penalized inverse-variance weighted estimator for Mendelian randomization with applications to COVID-19 outcomes
Session 1	P114	Causal Inference and SUTVA/Consistencies Violations	Renan Serenini	A Spatial Extension of Synthetic Difference-in-Differences
Session 1	P269	Heterogeneous Treatment Effects	Francois Grolleau	A Statistical Reinforcement Learning Approach to Personalize Renal Replacement Therapy Initiation in the ICU
Session 2	P374	Matching	Aran Canes	A Surprising Granularity when Coarsening Continuous Variables with Coarsened Exact Matching
Session 1	* P487	Randomized Studies	Minh Nguyen	A tie-breaker design for pragmatic clinical trials
Session 2	P345	Machine Learning and Causal Inference	Molly Offer-Westort	Adaptive designs for best arm identification and evaluation, with application to vaccine confidence messaging
Session 2	* P284	Heterogeneous Treatment Effects	Harrison Li	Adaptive experiment design for efficient semiparametric estimation in the partially linear model
Session 1	* P155	Causal Inference in Networks	Ravi Sojitra	Adaptive Experiments for Exposure Mapping Estimation
Session 1	* P485	Randomized Studies	Yilin Song	Adjusting for Incomplete Baseline Covariates in Randomized Controlled Trials: A Cross-World Imputation Framework
Session 2	P248	Generalizability/Transportability	James Grace	An Interdisciplinary Perspective on Building Causal Knowledge using Evidential Pluralism
Session 2	* P530	Sequential Testing and Anytime-Valid Inference	Michael Lindon	Anytime-Valid F-Tests for Faster Sequential Experimentation Through Covariate Adjustment
Session 1	* P339	Machine Learning and Causal Inference	Ruiji Sun	Applying causal inference in architectural engineering - thermal comfort model and control
Session 1	P373	Matching	Zhiyu Guo	Assessing Gender Disparities in Textual Response on Reddit.com
Session 1	* P414	Multilevel Causal Inference	Bryan Blette	Assessing Informative Cluster Size in Cluster-Randomized Trials
Session 2	* P272	Heterogeneous Treatment Effects	Zijun Gao	Assessment of Heterogeneous Treatment Effect Estimation Accuracy via Matching
Session 2	P67	Causal Inference and Bias/Discrimination	Etsuji Suzuki	Attributable fraction and related measures: conceptual relations in the counterfactual framework
Session 2	P154	Causal Inference in Networks	Laura Forastiere	Average and heterogeneous influence effects of behavioral interventions from the influencer's perspective to identify influencers and susceptible individuals
Session 2	* P477	Randomized Studies	Ambarish Chattopadhyay	Balanced and robust randomized treatment assignments: the finite selection model
Session 2	* P576	Weighting	Xiao Wu	Balancing Covariates via Weighted Independence Measures for Continuous Exposures
Session 2	* P146	Causal Inference in Networks	Seungja Um	Bayesian inference for the estimation of causal effects under network interference
Session 1	* P7	Bayesian Causal Inference	Dafne Zorzetto	Bayesian Nonparametrics for Heterogeneity in Treatment Effect.
Session 1	* P476	Randomized Studies	Lei Shi	Berry-Esseen bounds for design-based causal inference with possibly diverging treatment levels and varying group sizes
Session 1	* P372	Matching	Jianan Zhu	Bias Correction for Randomization-Based Inference in Imperfectly Matched Observational Studies: Oracles, Practices, and Simulations
Session 1	P115	Causal Inference and SUTVA/Consistencies Violations	Gabriel Zayas-Caban	Bias in sequential decision-making for stochastic service systems
Session 2	P437	Propensity Scores	Jason Bryer	Bootstrapping for Propensity Score Analysis
Session 2	* P514	Sensitivity Analysis	Yao Zhang	Sharp bounds and semiparametric inference in L^∞ and L^2 sensitivity analysis for observational studies
Session 2	P383	Mediation	Emily Mastej	Calculating Mediation Effects of High Dimensional Radiomic Data Between Exposure and Outcome
Session 2	P52	Causal Discovery	James Long	Causal Discovery and Prediction with Interventional Data
Session 2	P42	Causal Discovery	Yang Ni	Causal Discovery for Observational Categorical Data
Session 2	* P108	Causal Inference and SUTVA/Consistencies Violations	Heejun Shin	Causal Effects of Continuous Exposures in the Presence of Spatial Interference: the Effects of Air Pollution on Public Health
Session 1	* P279	Heterogeneous Treatment Effects	Leonard Goff	Causal Identification with subjective outcomes
Session 2	P270	Heterogeneous Treatment Effects	Andrej Srakar	Causal Inference for Distributional Treatments
Session 2	P44	Causal Discovery	Henry Burton	Causal inference on observational data: opportunities and challenges in earthquake engineering
Session 1	* P400	Missing Data and Self-Censoring	Jacob M. Chen	Causal Inference Under Self-Censoring Treatment and Outcome
Session 2	P290	high-dimensional causal effects estimation	Zhenghao Zeng	Causal Inference with High-dimensional Discrete Covariates
Session 2	P250	Generalizability/Transportability	Xinwei Shen	Causality and robustness from heterogeneous data: going beyond mean shifts
Session 2	P153	Causal Inference in Networks	Jennifer Brennan	Cluster Randomized Designs for One-Sided Bipartite Experiments
Session 1	* P274	Heterogeneous Treatment Effects	Carly Brantner	Combining Datasets to Estimate Heterogeneous Treatment Effects
Session 2	* P120	Causal Inference Applications	Qishuo Yin	Comparisons of the Treatment and Side Effects of Several Bariatric Surgery Procedures: An Observational Study via Random Forest-based and Neural Network-based Approaches
Session 1	P355	Machine Learning and Causal Inference	Connor Jerzak	Conceptualizing Treatment Leakage in Text-based Causal Inference
Session 2	P271	Heterogeneous Treatment Effects	Adam Bouyamourn	Conditionally Normalized Two-Way Fixed Effects Estimation with Sub-Gaussian Rates
Session 2	* P47	Causal Discovery	Y. Samuel Wang	Confidence Sets for Causal Discovery
Session 1	* P81	Causal Inference and Common Support Violations	AmirEmad Ghassami	Contingency in Causal Inference
Session 1	* P413	Multilevel Causal Inference	Ajinkya H. Kokandakar	Controlling family-wise error while testing tree-structured hypotheses about treatment effects
Session 2	* P107	Causal Inference and SUTVA/Consistencies Violations	Tyler D. Hoffman	Controlling for spatial confounding and spatial interference in causal inference: Modeling insights and the spycase package
Session 1	P337	Machine Learning and Causal Inference	Juan Castorena	Controlling Label Noise in Deep Classifiers via Causal Regularization
Session 2	* P177	Difference in Differences	Leslie Myint	Controlling time-varying confounding in difference-in-differences studies using the time-varying treatments framework
Session 2	* P481	Randomized Studies	Joshua Wasserman	Covariance Adjustment with Non-Experimental Units in Randomized Studies
Session 2	P152	Causal Inference in Networks	Hyunseung Kang	Covariate Adjustment in Randomized Trials under General Interference
Session 1	P371	Matching	Samuel Pimentel	Covariate-adaptive randomization inference in matched designs
Session 2	P347	Machine Learning and Causal Inference	David McCoy	Cross-Validated Decision Trees with Targeted Maximum Likelihood Estimation for Nonparametric causal mixtures analysis
Session 1	P176	Difference in Differences	Anton Strehznev	Decomposing Regression Triple-Differences with Staggered Adoption
Session 2	* P488	Randomized Studies	Ruoxuan Xiong	Design and Analysis of Temporal Experiments in Ride-Hailing Platforms
Session 1	P483	Randomized Studies	Xinhe Wang	Design-based variance estimation for Hájek estimators of causal effects in finely stratified and clustered designs
Session 1	P106	Causal Inference and SUTVA/Consistencies Violations	Tu Ni	Design of Panel Experiments with Spatial and Temporal Interference

Session 1	P473	Randomized Studies	Dae Woong Ham	Design-Based Confidence Sequences for Anytime-valid Causal Inference
Session 1	P267	Heterogeneous Treatment Effects	Eaman Jahani	Designing randomized control trials for heterogeneous populations in social complex networks
Session 1	P113	Causal Inference and SUTVA/Consistencies Violations	Kevin Han	Detecting Interference in A/B Testing with Increasing Allocation
Session 2	* P49	Causal Discovery	Elijah Tamarchenko	Differentiable Covariate Selection for Backdoor Adjustment
Session 2	P278	Heterogeneous Treatment Effects	Emre Kiciman	Distilled Heterogeneous Treatment Effect Estimation for Ad Campaigns
Session 1	P130	Causal Inference Education	Jennifer Hill	Does association really imply non-causation? The power of language in causal attribution.
Session 2	* P220	Functional Estimation and Causal Inference	Alec McClean	Double Robust Estimation with Split Training Data: Achieving Minimax Optimality with Undersmoothed Local Averaging Linear Smoothers
Session 2	* P360	Machine Learning and Causal Inference	Yuyao Wang	Doubly Robust Inference for Hazard Ratio under Covariate-Induced Dependent Left Truncation with Machine Learning
Session 2	* P479	Randomized Studies	Raaz Dwivedi	Doubly robust nearest neighbors in factor models
Session 1	* P82	Causal Inference and Common Support Violations	Zach Branson	Efficient Nonparametric Causal Effect Estimation after Propensity Score Trimming with a Continuous Treatment
Session 1	* P109	Causal Inference and SUTVA/Consistencies Violations	Colleen Chan	Efficient Weighted Estimators of Interference Effects under Hypothetical Treatment Allocations in Two-Stage Randomized Experiments under Bernoulli Assignment
Session 1	P20	Broken Randomized Studies	Veronica Ballerini	Estimand strategies for safety outcomes
Session 2	* P110	Causal Inference and SUTVA/Consistencies Violations	Shinpei Nakamura Sakai	Estimating causal effects of interventions altering social connectivity patterns under network interference
Session 2	* P151	Causal Inference in Networks	Medha Uppala	Estimating Causal Spillover Effects in Smallholder Farmer Networks in Western Kenya
Session 1	* P147	Causal Inference in Networks	Alex Hayes	Estimating network-mediated causal effects via spectral embeddings
Session 2	* P247	Generalizability/Transportability	Guanbo Wang	Examining subgroup-specific treatment effects in multi-source data: source-specific inference and transportability to an external population
Session 1	P475	Randomized Studies	Bryan Keller	Experimental and Quasi-Experimental Identification of Conditional Average Treatment Effects: A Four-Arm Within-Study Comparison
Session 1	P150	Causal Inference in Networks	Mayleen Cortez-Rodriguez	Exploring Neighborhood Interference with Low Order Interactions Under Unit Randomized Design
Session 2	P386	Mediation	Cheng Zheng	Exploring causal mechanisms and quantifying direct and indirect effects using a joint modeling approach for recurrent and terminal events
Session 2	P285	Heterogeneous Treatment Effects	Abhin Shah	Finding Valid Adjustments under Non-ignorability with Minimal DAG Knowledge
Session 2	* P334	Machine Learning and Causal Inference	Cuong Pham	Finite sample and asymptotic properties of a cross-validated risk estimator of a nonparametric regimen-response curve estimate
Session 1	* P282	Heterogeneous Treatment Effects	Katarzyna Reluga	Flexible estimation of heterogeneous area-specific causal treatment effects
Session 1	P245	Generalizability/Transportability	Jaron Lee	Further Results On Selected Data Models For Data Fusion: Identification And Estimation
Session 1	P420	Offline policy evaluation	Masatoshi Uehara	Future-dependent value-based off-policy evaluation in pomdps
Session 1	P253	Generalizability/Transportability	Victoria Lin	Generalizing text experiments to real-world contexts with language models
Session 1	* P434	Propensity Scores	Xiao Liu	Handling covariate missingness in propensity score weighting with clustered data: A comparison of multiple imputation and complete-case analysis
Session 2	P246	Generalizability/Transportability	Ian Shrier	Harmonizing graphical methods for dynamic and static causal modelling
Session 2	P277	Heterogeneous Treatment Effects	Claudette Grinnell-Davis	Heterogeneous Treatment Effects and Survival Analysis with a State Indian Child Welfare Statute: Implications for Practice
Session 2	* P111	Causal Inference and SUTVA/Consistencies Violations	Yi Feng	Identification and estimation of interference effects with contextual multilevel models
Session 1	* P273	Heterogeneous Treatment Effects	Connor Jerzak	Image-based Treatment Effect Heterogeneity
Session 1	* P178	Difference in Differences	Eric Cohn	Impacts of Gun Violence on Health: A Risk Set-Matched Difference in Differences Study
Session 2	P343	Machine Learning and Causal Inference	Xiaojie Mao	Inference on Strongly Identified Functionals of Weakly Identified Functions
Session 1	P53	Causal Discovery	Rabindra Chakraborty	Intuition AI: A Hypotheses Iteration based Scientific Learning Framework
Session 2	P338	Machine Learning and Causal Inference	Mauricio Tec	Investigating neural networks to learn an intervention response function on a continuous exposure
Session 1	* P577	Weighting	Haris Fawad	Is there a survival benefit of initiating treatment earlier rather than later?
Session 1	P45	Causal Discovery	Dexin Shi	Know Your Role: A Statistical Approach for Distinguishing Mediators, Confounders, and Colliders using Direction Dependence Analysis (DDA)
Session 1	P353	Machine Learning and Causal Inference	Celine Beji	Latent distribution estimation for the evaluation of the complier average causal effect
Session 2	P376	Matching	Marco Morucci	Matched Machine Learning: A Generalized Matching Framework for Treatment Effect Inference With Learned Metrics
Session 2	P385	Mediation	Caitlin Chan	Mediating pathways of neighborhood violence on adverse pregnancy outcomes in California
Session 1	* P382	Mediation	Zichun Cao	Mediation Analysis for Case-Control Studies with Secondary and Tertiary Outcomes
Session 2	* P380	Mediation	Shuozhi Zuo	Mediation analysis with mediator and outcome missing not at random
Session 2	P359	Machine Learning and Causal Inference	Karla DiazOrdaz	Methods for obtaining counterfactual predictions and quantifying associated uncertainty using observational data
Session 1	* P390	Missing data	Anna Guo	Missing not at random: a cross-sectional model
Session 2	* P482	Randomized Studies	Fangzhou Su	Model-assisted analyses of cluster-randomized experiments
Session 1	P346	Machine Learning and Causal Inference	Emre Kiciman	Modeling the Data-Generating Process is Necessary for Out-of-Distribution Generalization
Session 1	P480	Randomized Studies	Bingkai Wang	Model-robust and efficient covariate adjustment for cluster-randomized experiments
Session 2	P412	Multilevel Causal Inference	Xiao Liu	Multilevel Modeling under Multisite Quasi-experimental Trials: Considerations of Coding Strategies, Unbalanced Groups, and Heterogeneous Variances
Session 1	P249	Generalizability/Transportability	Zhu Shen	Multiply robust federated estimation of targeted average treatment effects
Session 1	P354	Machine Learning and Causal Inference	Michael Lindon	Near-Optimal Non-Parametric Sequential Tests and Confidence Sequences with Possibly Dependent Observations
Session 1	P148	Causal Inference in Networks	Anish Agarwal	Network Synthetic Interventions: A Framework for Panel Data with Network Interference
Session 2	* P305	Instrumental Variables	Cunhao Liu	Nonparametric Mendelian Randomisation for Characterising Nonlinear Exposure-Outcome Relationship with Discrete Instrumental Variables
Session 1	* P276	Heterogeneous Treatment Effects	Abhin Shah	On counterfactual inference with unobserved confounding
Session 1	* P48	Causal Discovery	Aramayis Dallakyan	On Learning Time Series Summary DAGs: A Frequency Domain Approach
Session 1	P557	Synthetic Control Method	Claudia Shi	On Misspecification in Synthetic Controls
Session 2	P555	Synthetic Control Method	Claudia Shi	On the Asymptotics of Synthetic Control Methods
Session 1	P335	Machine Learning and Causal Inference	Benjamin Baer	On the estimation of the mean number of counterfactual recurrent events before failure
Session 1	P348	Machine Learning and Causal Inference	Masatoshi Uehara	Penalized Minimax Instrumental Variable Estimation with General Function Approximation
Session 2	* P350	Machine Learning and Causal Inference	Rahul Ladhania	Personalization to One of Many Arms
Session 1	P572	Weighting	Sophia Fuller	Physical Function Decline in Aging Cancer Survivors and Cancer-Free Controls: Accounting for Bias Due to Selective Attrition
Session 2	P344	Machine Learning and Causal Inference	Zhimei Ren	Policy learning "without" overlap: Pessimism and generalized empirical Bernstein's inequality

Session 1	* P251	Generalizability/Transportability	Roshni Sahoo	Policy Learning under Biased Sample Selection
Session 1	* P358	Machine Learning and Causal Inference	Ruohan Zhan	Post-Episodic Reinforcement Learning Inference
Session 2	* P375	Matching	Ernesto Ulloa Perez	Propensity score augmentation in matching-based estimation of causal effects
Session 1	P356	Machine Learning and Causal Inference	Sanath Kumar Krishnamurthy	Proportional Response: Contextual Bandits for Simple and Cumulative Regret Minimization
Session 2	P515	Sensitivity Analysis	Jeremy Brown	Quantifying and interpreting reverse causation bias in epidemiological studies with sensitivity analysis
Session 1	P500	Regression Discontinuity	Amy Cochran	Quasi-experimental designs for learning health systems
Session 1	P90	Causal Inference and Missing Data	Michael Schomaker	Recoverability of Causal Effects in a Longitudinal Study using missingness DAGs
Session 2	P190	Estimation under conditional ignorability	Tanvi Shinkre	Regression's weighting problem: a new analysis and simple fixes
Session 2	P384	Mediation	Yingjin Zhang	Regression-based mediation sample size and power determinations
Session 2	* P303	Instrumental Variables	Christian Tien	Relaxing IV Exclusion with Common Confounders
Session 1	* P145	Causal Inference in Networks	Yuchen Xiao	Representational Power of Exposure Mapping Functions in Network Interference
Session 2	P280	Heterogeneous Treatment Effects	Lina Montoya	Resource-constrained optimal rules for HIV care retention in rural Kenya
Session 2	P556	Synthetic Control Method	Dennis Shen	Same Root Different Leaves: Time Series and Cross-Sectional Methods in Panel Data
Session 2	P310	Longitudinal causal inference	Andrew Spieker	Semi-parametric G-computation for Longitudinal Analysis of Antiretroviral Therapy
Session 2	* P518	Sensitivity Analysis	Jeffrey Zhang	Sensitivity analysis for continuous exposures and binary outcomes in matched observational studies
Session 1	P516	Sensitivity Analysis	Raluca Cobzaru	Sensitivity Analysis for Violations of Proximal Identification Assumptions
Session 1	* P149	Causal Inference in Networks	Gabrielle Lemire	Simulating Potential Outcomes in the Presence of Interference
Session 1	P540	Simulation Methods	Tyrel Stokes	Simulation Design as Causal Intervention on a Data Generating Mechanism
Session 1	* P200	Evidence Factors and Causal Inference	Rohit Bhattacharya	Statistical and Causal Robustness for Causal Null Hypothesis Tests
Session 1	P244	Generalizability/Transportability	Melanie Mayer	Statistical Methods for Transporting the Effect of an Environmental Mixture Across Populations
Session 1	P174	Difference in Differences	James Robins	Structural Nested Mean Models Under Parallel Trends Assumptions
Session 2	P342	Machine Learning and Causal Inference	Ivana Malenica	Super Efficient Estimation for a Sieve of Statistical Models
Session 2	* P112	Causal Inference and SUTVA/Consistencies Violations	Yuchen Hu	Switchback Experiments under Geometric Mixing
Session 1	P341	Machine Learning and Causal Inference	David Bruns-Smith	Tailored Overlap for Observational Causal Inference and Domain Adaptation
Session 2	P357	Machine Learning and Causal Inference	Mauricio Tec	Taming Individualized Treatment Effects under Interference via Representation Learning with Graph Neural Networks
Session 1	P46	Causal Discovery	Olivier Labayle	TarGene: Dispensing with unnecessary assumptions in population genetics analysis
Session 1	P517	Sensitivity Analysis	Charlotte Fowler	Testing unit root non-stationarity in the presence of missing data in univariate time series of mHealth studies
Session 1	P381	Mediation	Caleb Miles	The central role of the mediator process in mediation analysis
Session 1	* P69	Causal Inference and Bias/Discrimination	Hanxiao Zuo	The implementation of target trial emulation for causal inference: a scoping review
Session 2	P474	Randomized Studies	Thomas Leavitt	The Plausibility of Experimental Findings under Selective Reporting: An Application to Randomized Experiments on Voter Turnout by Proprietary Organizations
Session 2	P281	Heterogeneous Treatment Effects	Kwangho Kim	Toward Fair and Robust Estimation of Optimal Treatment Regimes
Session 1	* P574	Weighting	Andong Wang	Transfer Learning for Individualized Treatment Rules
Session 2	* P336	Machine Learning and Causal Inference	Lauren Liao	Transfer Learning With Efficient Estimators To Optimally Leverage Historical Data in Analysis of Randomized Trials
Session 2	P252	Generalizability/Transportability	Guilherme Duarte	Transportability sharp bounds
Session 1	P484	Randomized Studies	Yongchang Su	Treatment Effect Quantiles in Stratified Randomized Experiments and Matched Observational Studies
Session 2	P352	Machine Learning and Causal Inference	Andrew Herren	Tree Priors for Feature Selection in Average Treatment Effect Estimation
Session 1	* P50	Causal Discovery	Xuyang Li	Understanding impact of BRCA testing on healthcare utilization and clinical outcome
Session 2	* P435	Propensity Scores	Hang Nguyen	Using Fractional polynomials in the Marginal Structural Model: An Application to Thoracic Aortic Endovascular Repair
Session 1	P436	Propensity Scores	Fangzhou Su	When is the estimated propensity score better? High-dimensional analysis and bias correction

*Indicates this poster is a candidate for the Tom Ten Have Poster Award