The 2ⁿᵈ Joint Conference on Statistics and Data Science in China

Schedule

Haigeng Convention Center
Kunming·Yunnan
July 12-14, 2024

Thursday, 11 July, 2024

11:00-21:00	Registration

Friday, 12 July, 2024

08:30-09:00	Openning Ceremony
09:00-09:50	Plenary Talk 1：Jianqing Fan, Princeton University
09:50-10:40	Plenary Talk 2：Kathryn M. Roeder, Carnegie Mellon University
10:40-11:00	Break
11:00-11:50	Plenary Talk 3：Jianfeng Feng, Fudan University
12:00-13:30	Lunch
14:00-15:40	Panel; SS: 2; IS: 4, 5, 12, 15, 16, 31, 45, 75, 80, 90, 95, 97, 101; CS: 1, 2, 3, 4, 6
15:40-16:00	Break
16:00-17:40	IS: 6, 11, 26, 28, 50, 51, 54, 60, 62, 71, 79, 83, 91, 99; CS: 7, 8, 9, 10, 11, 12
18:00-19:30	Dinner
19:30-21:30	Deception

Saturday, 13 July, 2024

08:30-09:20	Plenary Talk 4: Xihong Lin, Harvard University
09:20-10:10	Plenary Talk 5: Alicia L. Carriquiry, Iowa State University
10:10-10:30	Break
10:30-11:20	Plenary Talk 6: Huazhen Lin, Southwest University of Finance and Economics
11:40-13:10	Lunch
14:00-15:40	SS:1; IS: 22, 25, 36, 37, 52, 53, 63, 66, 67, 70, 76, 78, 85; CS: 13, 14, 15, 16, 17, 18
15:40-16:00	Break
16:00-17:40	IS: 1, 3, 7, 9, 13, 21, 27, 40, 48, 73, 77, 82, 87, 92; CS: 19, 20, 21, 22, 23, 24
18:00-19:30	Dinner
19:30-21:30	Deception

The 2ⁿᵈ Joint Conference on Statistics and Data Science in China

Sunday, 14 July, 2024

08:30-10:10	IS: 2, 8, 17, 19, 20, 23, 24, 29, 33, 47, 49, 57, 72, 96; CS: 25, 26, 27, 28, 29, 30
10:10-10:30	Break
10:30-12:10	IS: 10, 14, 18, 34, 35, 38, 39, 41, 42, 43, 58, 61, 65, 69; CS: 31, 32, 33, 34, 35, 36
12:30-13:50	Lunch
14:00-15:40	IS: 30, 32, 46, 59, 68, 74, 81, 84, 89, 93; CS: 5, 37, 38, 39, 40, 41, 42, 43, 44
15:40-16:00	Break
16:00-17:40	IS: 44, 55, 56, 64, 86, 88, 98, 100, 102, 103; CS: 45, 46, 47, 48, 49, 50, 51, 52
18:00-19:30	Dinner

12 July, 14:00-15:40

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Panel Discussion on Developing Statistics in China**			
	Chair	Fang Yao	Peking University	
	Speaker	Wei Yuan	Renmin University of China	History of Statistics in China
	Discussant			
	Discussant			
	Discussant			
	Discussant			
	Discussant			
	Discussant			
A201-202 (2nd Floor)	**Invited Session IS016: Exploring the Frontiers of Machine Learning: Algorithms, Theoretical Insights and Applications**			
	Organizer	Weijie Su	University of Pennsylvania	
	Chair	Weijie Su	University of Pennsylvania	
	Speaker	Haifeng Xu	University of Chicago	Algorithms and Incentives in Statistics
	Speaker	Fengnan Gao	University College Dublin	A Very Dutch Scandal: Did Overhyped Stats Ruin Dutch Appetites?
	Speaker	Xiang Li	University of Pennsylvania	A Statistical Framework of Watermarks for Large Language Models: Pivot, Detection Efficiency and Optimal Rules
	Speaker	Lei Wu	Peking University	Understanding the Implicit Bias of Stochastic Gradient Descent: A Dynamical Stability Perspective

Room	Character	Name	Affiliation	Title
A216-217 **(2nd Floor)**	Invited Session IS095: Modern Statistical Learning for High-Dimensional Data			
	Organizer	Jingyuan Liu	Xiamen University	
	Chair	Jingyuan Liu	Xiamen University	
	Speaker	Yingxing Li	Xiamen University	Adaptive Shrinkage Estimation for High-dimensional Change Point Detection
	Speaker	Xiufan Yu	University of Notre Dame	A Unifying Dependent Combination Framework with Applications to Association Tests
	Speaker	Songshan Yang	Renmin University of China	Communication-Efficient and Distributed-Oracle Estimation for High-Dimensional Quantile Regression
	Speaker	Wei Zhou	Southwestern University of Finance and Economics	Efficient Learning of Directed Acyclic Graphs in Heavy-tailed Data
A301-302 **(3rd Floor)**	Invited Session IS005: AI and Machine Learning in Complex Biomedical Data			
	Organizer	Hongzhe Li	University of Pennsylvania	
	Chair	Hongzhe Li	University of Pennsylvania	
	Speaker	Qi Long	University of Pennsylvania	Tackling Biased, Incomplete Data in Electronic Health Records
	Speaker	Judy Zhong	New York University	Bias Correction Models for Electronic Health Records Data in the Presence of Non-random Sampling
	Speaker	Rui Duan	Harvard University	Federated Efficient Estimation of Average Treatment Effects
A320-A321 **(3rd Floor)**	Invited Session IS045: Recent Advancements in Large Network and Tensor Data Analysis			
	Organizer	Tracy Ke	Harvard University	
	Chair	Tracy Ke	Harvard University	
	Speaker	Lizhen Lin	University of Maryland	Statistical Foundations of Deep Generative Models
	Speaker	Qiwei Yao	London School of Economics	Autoregressive Networks with Dependent Edges
	Speaker	Jiashun Jin	Carnegie Mellon University	Analysis of Large Networks
	Speaker	Rong Chen	Rutgers University	CP Factor Model for Dynamic Tensors

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Room	Character	Name	Affiliation	Title
A203 (2nd Floor)	Invited Session IS012: Data Science Methods for Complex Data with Endogeneity and Heterogeneity			
	Organizer	Linda Zhao	University of Pennsylvania	
	Chair	Linda Zhao	University of Pennsylvania	
	Speaker	Kai Zhang	University of North Carolina at Chapel Hill	BELIEF in Dependence: Leveraging Atomic Linearity in Data Bits for Rethinking Generalized Linear Models
	Speaker	Wu Zhu	Tsinghua University	A Scalable, Interpretable, and Data-driven Approach to Analyzing Unstructured Information
	Speaker	Wan Zhang	University of North Carolina at Chapel Hill	Regularizing BELIEF for Smooth Dependency
	Speaker	Linda Zhao	University of Pennsylvania	Personalized Reinforcement Learning for Healthcare: With Applications to Sepsis Management in ICU
A218 (2nd Floor)	Invited Session IS004: Advancing Statistical Frontiers in Data Privacy Protection			
	Organizer	Weijie Su	University of Pennsylvania	
	Chair	Linjun Zhang	Rutgers University	
	Speaker	Linglong Kong	University of Alberta	Gaussian Differential Privacy on Riemannian Manifolds
	Speaker	Chendi Wang	University of Pennsylvania	Unveiling Enhanced Privacy in Data Science via Statistical Methods
	Speaker	Zhanrui Cai	University of Hong Kong	Differentially Private Estimation and Inference in High-Dimensional Regression with FDR Control
	Speaker	Bei Jiang	University of Alberta	Online Local Differential Private Quantile Inference via Self-normalization
A303 (3rd Floor)	Invited Session IS101: Statistical Inference and Computation for Complex Data			
	Organizer	Baoxue Zhang	Capital University of Economics and Business	
	Chair	Yanbo Pei	Capital University of Economics and Business	
	Speaker	Yue Chen	Capital University of Economics and Business	Statistical Analysis of Averaged Weighted Gradient Descent Algorithm for Decentralized Federated Learning
	Speaker	Wenjuan Hu	Capital University of Economics and Business	Hypothesis Testing in High Dimensional Linear Regression via Wild Bootstrapping
	Speaker	Ye Fan	Capital University of Economics and Business	Sequential Quantile Regression for Stream Data by Least Squares
	Speaker	Deliang Bu	Capital University of Economics and Business	Summary Statistics-Based Association Test for Identifying the Pleiotropic Effects with Set of Genetic Variants

Room	Character	Name	Affiliation	Title
A305 (3rd Floor)	**Invited Session IS031: Machine Learning Methods: Theory and Applications**			
	Organizer	Xinyuan Song	Chinese University of Hong Kong	
	Chair	Kai Kang	Sun Yat-sen University	
	Speaker	Gen Li	The Chinese University of Hong Kong	Towards Non-Asymptotic Convergence for Diffusion-Based Generative Models
	Speaker	Wei You	Hong Kong University of Science and Technology	Dual-Directed Algorithm Design for Efficient Pure Exploration
	Speaker	Haijin He	Shenzhen University	Inference for High-Dimensional Proportional Hazards Model with Streaming Survival Data
	Speaker	Xuejun Jiang	Southern University of Science and Technology	Screen Then Select: A Strategy for Correlated Predictors in High-Dimensional Quantile Regression
A306 (3rd Floor)	**Invited Session IS097: Statistical Learning for Thereshold Models and Applications**			
	Organizer	Wei Zhong	Xiamen University	
	Chair	Chuang Wan	Nankai Universiry	
	Speaker	Chenchen Ma	Peking University	Lasso and Post-Lasso Inference for Multiple Threshold Regressions with an Application to Return Predictability
	Speaker	Chuang Wan	Nankai University	Multi-threshold Regression with Endogeneity
	Speaker	Wei Wang	Shandong University of Finance and Economics	Robust Estimation of Structural Instability in the Large-Dimensional Factor Model
	Speaker	Yimeng Xie	Xiamen University	Common Threshold Estimation in Large Heterogeneous Panels with a Multifactor Error Structure
A307 (3rd Floor)	**Invited Session IS075: Statistical Learning for Large Foundation Models**			
	Organizer	Shurong Zheng	Northeast Normal University	
	Chair	Junxiong Jia	Xi'an Jiaotong University	
	Speaker	Junxiong Jia	Xi'an Jiaotong University	Learning Prediction Function of Prior Measures for Statistical Inverse Problems of Partial Differential Equations
	Speaker	Zenan Ling	Huazhong University of Technology	Advancements in understanding Over-parameterized Deep Equilibrium Models: Bridging Theory and Practice
	Speaker	Jun Shu	Xi'an Jiaotong University	Simulation Learning Methodology: Theory, Algorithms, and Applications 模拟学习方法论：理论，算法和应用
	Speaker	Ruoyu Sun	The Chinese University of Hong Kong (Shenzhen)	Understanding and Improving LLM Training: Insights into Adam and Advent of Adam-mini

Room	Character	Name	Affiliation	Title
A308 (3rd Floor)	**Invited Session IS080: Theoretical Foundations for Machine Learning**			
	Organizer	Tracy Ke	Harvard University	
	Chair	Wen Zhou	Colorado State University	
	Speaker	Tracy Ke	Harvard University	Enhanced Topic Modeling using Entry-Wise Eigenvector Analysis
	Speaker	Huimin Cheng	Boston University	Network Tight Community Detection
	Speaker	Rong Ma	Harvard University	Is Your Data Alignable? A Geometric Approach to Single-Cell Data Integration
A315 (3rd Floor)	**Invited Session IS015: Experimental Design and Big Data Subsampling**			
	Organizer	Niansheng Tang	Yunnan Univeristy	
	Chair	Mingyao Ai	Peking University	
	Speaker	Fasheng Sun	Northeast Normal University	Optimal Designs for Order-of-Addition Two-level Factorial Experiments
	Speaker	Yu Tang	Soochow University	An Improved K-farthest Neighbor Detection Methodology for Covariate Shift
	Speaker	Yongdao Zhou	Nankai University	Model-free Subsampling Method for Massive Data Based on Uniform Designs
	Speaker	Jun Yu	Beijing Institute of Technology	Focus Subsampling: A More Efficient Subsampling Method for Large-scale Linear Classification
A316 (3rd Floor)	**Sepecial Session SS2: Bernoulli Session on Stochastic Methods for Data Science**			
	Organizer	Ajay Jasra	The Chinese University of Hong Kong (Shenzhen)	
	Chair	Ajay Jasra	The Chinese University of Hong Kong (Shenzhen)	
	Speaker	Ajay Jasra	The Chinese University of Hong Kong (Shenzhen)	Mulitlevel Particle Filters for Partially Observed McKean-Vlasov Stochastic Differential Equations
	Speaker	Cheng Li	National University of Singapore	Bayesian Fixed-Domain Asymptotics for Covariance Parameters in Spatial Gaussian Process Models
	Speaker	Yunyi Zhang	The Chinese University of Hong Kong	Bootstrap-Assisted Inference for Weakly Stationary Time Series

Room	Character	Name	Affiliation	Title
A317 (3rd Floor)		**Invited Session IS090: Intersection Research of Statistics and Computer Science (统计学与计算机科学的交叉研究)**		
	Organizer	Chinese Association for Industrial Statistics Teaching		
	Chair	Fan Zhou	Shanghai University of Finance and Economics	
	Speaker	Zhenhua Lin	National University of Singapore	Optimal One-Pass Nonparametric Estimation under Memory Constraint
	Speaker	Ting Li	Shanghai University of Finance and Economics	Evaluating Dynamic Conditional Quantile Treatment Effects with Applications in Ridesharing
	Speaker	Guiliang Liu	The Chinese University of Hong Kong (Shenzhen)	Inverse Constrained Reinforcement Learning: From Theory to Practice
A318 (3rd Floor)		**Contributed Session CS002: Recent Advances in Deep Learning**		
	Chair	Feifei Wang	Renmin University of China	
	Speaker	Hanchao Yan	Renmin University of China	Auxiliary Learning and Its Statistical understanding
	Speaker	Chunlan Zhao	Southwest Petroleum University	A Multi-feature Fusion Deep Learning Prediction Method for Production of Tight Gas Reservoirs
	Speaker	Qianglin Wen	Yunnan University	An Analysis of Switchback Designs in Reinforcement Learning
	Speaker	Wenxuan Ma	Renmin University of China	Unlocking the Power of AI: Deep Learning of Volatility is Indispensable
	Speaker	Shaodan Hou	Southwest Petroleum University	Production Prediction of Tight Gas Reservoirs Based on Deep Learning BWO-TFT Model
A322 (3rd Floor)		**Contributed Session CS003: Recent Advances in Mixture Model**		
	Chair	Wei Lin	Peking University	
	Speaker	Baichen Yu	Peking University	A Gaussian Mixture Model for Multiple Instance Learning with Partially Subsampled Instances
	Speaker	Longlin Yu	Peking University	Semi-implicit Variational Inference Via Score Matching
	Speaker	Siyao Cheng	Northeast Normal University	Estimating IRT Models under Gaussian Mixture Modelling of Latent Traits: An Application of MSAEM Algorithm
	Speaker	Xuetong Li	Peking University	Gaussian Mixture Model with Rare Events
	Speaker	Shi Zhang	University of Manitoba	Mixed Models for Longitudinal Binary Outcomes with Crossed Random Effects

Room	Character	Name	Affiliation	Title
B601 (3rd Floor)	Contributed Session CS004：Statistical Hypothesis Testing in Complex Data			
	Chair	Yushan Xue	Central University of Finance and Economics	
	Speaker	Xiaotong Lin	National University of Singapore	Hypothesis Testing in Gaussian Graphical Models: Goodness-of-Fit and Conditional Randomization Tests
	Speaker	Yashuang Li	Yunnan University	Robust Estimation and Testing for GARCH Models via Exponentially Tilted Empirical Likelihood
	Speaker	Xian Shi	East China Normal University	A Bayesian Phase I/II Platform Design for Multiple Indications with Mixed Types of Endpoints of Toxicity and Efficacy
	Speaker	Jie Yan	Central University of Finance and Economics	Elevating Federated Clustering: Deep Generative Models and Contrastive Learning Strategies
	Speaker	Yutao Jiang	Anhui University of Finance and Economics	The Lose-Lose or All-Lose Consequences: Assessing the International Economic Impact of Sino–U.S. Technological Decoupling
B603 (3rd Floor)	Contributed Session CS001：Recent Advances in Reinforcement Learning			
	Chair	Xiaodong Yan	Shandong University	
	Speaker	Wei Wang	Shandong University	Strategy Evaluation in Non-Stationary Reinforcement Learning Environment 非平稳强化学习环境下的策略评估
	Speaker	Zhimiao Cao	Shandong University	Reinforcement Learning in Interval-Censored Data
	Speaker	Fanyu Meng	Shandong University	Unobserved Structural Changes in the Factor-Augmented Panel Quantile Model
	Speaker	Jianqi Feng	Shandong University	Reinforcement Learning for Survival Analysis
	Speaker	Zhang Yu	Shandong University	A Fast Optimal Hyperparameter Selection Based on Bandits for Streaming Data
B606 (3rd Floor)	Contributed Session CS006：Interdisciplinary and Applied Research: Statistical Analysis on Medical Data and Models			
	Chair	Shanjun Mao	Hunan University	
	Speaker	Jianxi Zhao	Beijing Information Science And Technology University	Research on Convex Clustering for Multi-Source Data
	Speaker	Zhiying Fang	Shenzhen Polytechnic University	Generalization Analysis of Deep CNNs under Maximum Correntropy Criterion
	Speaker	Xiaohuang Zhuo	Tianjin Huanhu Hospital	Construction and validation of an imaging omics prediction model for the efficacy of methylprednisolone in the treatment of radiation-induced brain injury 甲基强的松龙治疗放射性脑损伤疗效的影像组学预测模型构建与验证
	Speaker	Jiandong Zhang	Northwest Normal University	A Copula－Based Approach on Optimal Allocation of Hot Standbys in Series Systems
	Speaker	Shanjun Mao	Hunan University	A Monte Carlo Classification Method Based on Partial Variables and Its Application in Clinical Data

12 July, 16:00-17:40

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS028: Interface Between Statistics and Neuro and Cognitive Science**			
	Organizer	Song Xi Chen	Peking University	
	Chair	Song Xi Chen	Peking University	
	Speaker	Lei Shi	Yunnan University of Finance and Economics	Impact of Zealots on Cooperation: A Study Based on the Behavioral Experiments of One-Shot Prisoner's Dilemma Games
	Speaker	Yong He	Beijing Normal University	Lifespan Connectome Growth Modeling
	Speaker	Chunming Zhang	University of Wisconsin, Madison	Learning Network-Structured Dependence from Non-Stationary Multivariate Point Process Data
	Speaker	Peifeng Tong	Peking University	Debiased Estimation and Inference for Spatial-Temporal EEG/MEG Source Imaging
A201-202 (2nd Floor)	**Invited Session IS050: Recent Advances in Functional and Complex Data**			
	Organizer	Fang Yao	Peking University	
	Chair	Fang Yao	Peking University	
	Speaker	Yehua Li	University of California at Riverside	Functional Principal Component Analysis of Spatially and Temporally Indexed Point Processes
	Speaker	Jiguo Cao	Simon Fraser University	Functional Neural Networks
	Speaker	Xi Luo	University of Texas Health Science Center at Houston	Causal Mediation Analysis for Multilevel and Functional Data
	Speaker	Kehui Chen	University of Pittsburgh	Frequent-Voting Independence Screening for Data of Different Types or Different Dimensions
A216-217 (2nd Floor)	**Invited Session IS071: Statistical Inference for High-Dimensional Data**			
	Organizer	Tracy Ke	Harvard University	
	Chair	Tracy Ke	Harvard University	
	Speaker	Jun Liu	Harvard University	Some Recent Results for p-Value free FDR Controls
	Speaker	Zheyang Wu	Worcester Polytechnic Institute	Enhancing Integrative Association Tests: Optimal Weighting Approaches in Whole-Genome Sequencing Studies
	Speaker	Wen Zhou	Colorado State University	Detection and Statistical Inference on Informative Core and Periphery Structures in Weighted Directed Networks

Room	Character	Name	Affiliation	Title
A301-302 (3rd Floor)	Invited Session IS006: AI and Machine Learning in Single Cell Genomic			
	Organizer	Hongzhe Li	University of Pennsylvania	
	Chair	Rong Ma	Harvard University	
	Speaker	Mingyao Li	University of Pennsylvania	Integrating Transcriptomic and Pathomic Features to Reconstruct 3D Tissue Maps with Super-Resolution
	Speaker	Hongkai Ji	Johns Hopkins University	A Hybrid Approach for Selecting Highly Variable Genes in Single-Cell RNA-Seq
	Speaker	Wei Sun	Fred Hutch Cancer Center	Supervised Deep Learning with Gene Annotation for Cell Classification
A320-A321 (3rd Floor)	Invited Session IS054: Recent Advances in Statistical Machine Learning			
	Organizer	Zhenhua Lin	National University of Singapore	
	Chair	Zhenhua Lin	National University of Singapore	
	Speaker	Jian Huang	Hong Kong Polytechnic University	A Bayesian Framework for Leveraging Pretrained Large Diffusion Models
	Speaker	Yang Feng	New York University	Unsupervised Federated Learning: A Federated Gradient EM Algorithm for Heterogeneous Mixture Models with Robustness Against Adversarial Attacks
	Speaker	Fan Zhou	Shanghai University of Finance and Economics	Value Enhancement of Reinforcement Learning via Efficient and Robust Trust Region Optimization
	Speaker	Yaqi Duan	New York University	Taming "Data-Hungry" Reinforcement Learning? Stability in Continuous State-Action Spaces
A203 (2nd Floor)	Invited Session IS060: Recent Developments in Complex Time Series Analysis			
	Organizer	Linda Zhao	University of Pennsylvania	
	Chair	Hui Zhi	Hong Kong University	
	Speaker	Han Xiao	Rutgers University	Matrix Denoising and Completion Based on Kronecker Product Approximation
	Speaker	Yuefeng Han	University of Notre Dame	Simultaneous Decorrelation of Matrix Time Series
	Speaker	Dan Yang	Hong Kong University	Tensor Factor Model Estimation by Iterative Projection

Room	Character	Name	Affiliation	Title
Invited Session IS026: Innovative Statistical Methods for Data with Complex Structures				
A218 (2nd Floor)	Organizer	Lan Wang	University of Miami	
	Chair	Lan Wang	University of Miami	
	Speaker	Wei Zhong	Xiamen University	Transfer Learning for Spatial Autoregressive Models
	Speaker	Shurong Zheng	Northeast Normal University	High-Dimensional Scale Invariant Discriminant Analysis
	Speaker	Yaguang Li	University of Science and Technology of China	On Functional Processes with Multiple Discontinuities
	Speaker	Xingdong Feng	Shanghai University of Finance and Economics	Structured Feature Ranking for Genomic Marker Identification Accommodating Multiple Types of Networks
Invited Session IS083: Limit Theory of Large Dimensional Random Matrices (大维随机矩阵极限理论)				
A303 (3rd Floor)	Organizer	Shurong Zheng	Northeast Normal University	
	Chair	Xiaoyi Wang	Beijing Normal University at Zhuhai	
	Speaker	Dandan Jiang	Xi'an Jiaotong University	Nonlinear Principal Component Analysis with Random Bernoulli Features for Process Monitoring
	Speaker	Fan Yang	Tsinghua University	An Integrative Multi-context Mendelian Randomization Method for Identifying Risk Genes Across Human Tissues
	Speaker	Dong Yao	Jiangsu Normal University	Limit Theorems for U-Statistics of Determinantal Point Process via Cumulant Estimates
	Speaker	Yuanyuan Xu	Chinese Academy of Sciences	Quantitative Tracy-Widom Laws for Wigner and Sample Covariance Matrices
Invited Session IS099: Economic Statistics and Research on High-Quality Development (经济统计与高质量发展研究)				
A305 (3rd Floor)	Organizer	Hu Zhang	Zhongnan University of Economics and Law	
	Chair	Jing Zhang	Zhongnan University of Economics and Law	
	Speaker	Shaohua Ge	Zhongnan University of Economics and Law	Research on the Construction of Industrial Chain and Supply Chain Network and Resilience Evaluation 产业链供应链关联网络构建及韧性评估研究
	Speaker	Yating Gui	Zhongnan University of Economics and Law	ESG Performance, Financing Cost, and High-Quality Development of Enterprises ESG表现、融资成本与企业高质量发展
	Speaker	Zihuan Gao	Zhongnan University of Economics and Law	Discussion on the Statistical Monitoring System of Financial Security 金融安全统计监测体系探讨
	Speaker	Qinqin Zhu	Zhongnan University of Economics and Law	Influencing Factors and Potential Measurement of China's Export Trade under the "Belt and Road" Vision "一带一路"视域下中国出口贸易影响因素及潜力测度
	Speaker	Huicong Wang	Zhongnan University of Economics and Law	The Mechanism and Impact of Returning Home to Start a Business on Improving County-Level Total Factor Productivity: Based on the Investigation of the Pilot Policy of Returning Home to Start a Business "返乡创业提升县域全要素生产率的作用机制与影响效应——基于返乡创业试点政策的考察

Room	Character	Name	Affiliation	Title
A306 (3rd Floor)	**Invited Session IS091: Model Averaging and Related Topics**			
	Organizer	Xinyu Zhang	Academy of Mathematics and Systems Science,Chinese Academy of Sciences	
	Chair	Xinyu Zhang	Academy of Mathematics and Systems Science,Chinese Academy of Sciences	
	Speaker	Yuying Sun	Academy of Mathematics and Systems Science,Chinese Academy of Sciences	Model Averaging for Decomposed Data
	Speaker	Fang Fang	East China Normal University	Model Averaging in Multivariate Spatial Autoregressive Model for Social Network Analysis
	Speaker	Jiahui Zou	Capital University of Economics and Business	Averaging Method of Poisson Regression Model with Divergent Dimensions 发散维度的Poisson回归模型平均方法
	Speaker	Jun Liao	Renmin University of China	Optimal Distributed Prediction by Model Averaging
	Speaker	Dalei Yu	Xi'an Jiaotong University	Optimal Weighted Random Forests
A307 (3rd Floor)	**Invited Session IS079: The Interplay Between Statistical Inference and Data-Driven Decision Making**			
	Organizer	Zhimei Ren	University of Pennsylvania	
	Chair	Zhimei Ren	University of Pennsylvania	
	Speaker	Yuan Yao	Hong Kong University of Science and Technology	Controlling the False Discovery Rate in Transformations: Split Knockoffs
	Speaker	Yongyi Guo	University of Wisconsin-Madison	Balancing Personalization and Pooling: Decision-Making and Statistical Inference with Limited Time Horizons
	Speaker	Ying Jin	Stanford University	Conformal Alignment: Knowing When to Trust Foundation Models with Guarantees
	Speaker	Cheng Yu	Tsinghua University	Large Covariance Matrix Estimation with Factor-Assisted Variable Clustering
	Speaker	Yanxun Xu	Johns Hopkins University	Enhancing Decision Making with Causal Inference and Unmeasured Confounders in a Bayesian Framework
A308 (3rd Floor)	**Invited Session IS011: Data Science and Engineering**			
	Organizer	Jian Shi	Chinese Academy of Sciences	
	Chair	Qingpei Hu	Chinese Academy of Sciences	
	Speaker	Xiaowei Yue	Tsinghua University	Active Machine Learning for Surrogate Modeling in Complex Engineering Systems
	Speaker	Wenliang Pan	Chinese Academy of Sciences	Nonparametric Statistical Inference via Metric Distribution Function in Metric Spaces
	Speaker	Haiying Wang	University of Connecticut	Subsampling and Rare Events Data Beyond Binary Responses
	Speaker	Liang Ding	Fudan University	Kernel Function Packet Decomposition: From State Space Models to Compact Support Bases 核函数包分解：从状态空间模型到紧支撑基底
	Speaker	Songhao Wang	Southern University of Science and Technology	A Class of Partition-Based Bayesian Optimization Algorithms for Stochastic Simulations

Room	Character	Name	Affiliation	Title
A315 (3rd Floor)	**Invited Session IS051: Recent Advances in High-dimensional and Heterogeneous Data Analysis**			
	Organizer	Xinyuan Song	Chinese University of Hong Kong	
	Chair	Xiangnan Feng	Fudan University	
	Speaker	Fei Chen	Yunnan University of Finance and Economics	A General Framework to Extend Sufficient Dimension Reductions to the Cases of the Mixture Multivariate Elliptical Distributions
	Speaker	Rui Li	Shanghai University of International Business and Economics	Quantile Regression and Homogeneity Detection of a Semiparametric Panel Data Model
	Speaker	Kai Kang	Sun Yat-sen University	A Bayesian Mixture of Exponential Family Factor Models for Uncovering Disease Progression Subtypes
	Speaker	Shuixia Guo	Hunan Normal University	Linking Brain-Wide Gene Expression and Neuroimaging Data
A316 (3rd Floor)	**Invited Session IS062: Recent Developments in the Analysis of High-dimensional and Complex Data**			
	Organizer	Jinyuan Chang	Southwestern University of Finance and Economics	
	Chair	Jinyuan Chang	Southwestern University of Finance and Economics	
	Speaker	Fengting Yi	Yunnan University	Edge Differentially Private Estimation in the Beta-Model via Jittering and Method of Moments
	Speaker	Jing He	Southwestern University of Finance and Economics	Modelling Matrix Time Series via a Tensor CP-decomposition
	Speaker	Chenlong Li	Taiyuan University of Technology	High-Dimensional Knockoff-Assisted False Discovery Rate Control
	Speaker	Guanghui Cheng	Guangzhou University	Online Bootstrap Inference for the Geometric Median
A317 (3rd Floor)	**Contributed Session CS007：Precision Medicine and Survival data**			
	Chair	Shishun Zhao	Jilin University	
	Speaker	Kaidi Kong	Beijing University of Technology	Flexible Regression Methods for Estimating Optimal Individualized Treatment Regimes with Scalar and Functional Covariates
	Speaker	Rujia Zheng	Northeast Normal University	A Doubly Robust Estimation in Learning Optimal Individualized Treatment Regimes with Survival Outcomes
	Speaker	Jiming Chen	Yunnan University	Generalized Linear Mixed-Effects Joint Model for Longitudinal and Bivariate Survival Data
	Speaker	Yichen Lou	Jilin University	A New and Unified Method for Regression Analysis of Interval-Censored Failure Time Data under Semiparametric Transformation Models with Missing Covariates
	Speaker	Mingyue Qiu	Capital Normal University	Bayesian Transformation Model for Spatial Partly Interval-Censored Data

Room	Character	Name	Affiliation	Title
A318 (3rd Floor)	**Contributed Session CS008：Factor Models and Bayesian Analysis**			
	Chair	Feng Xie	Beijing Technology and Business University	
	Speaker	Xu Liu	Shandong University of Finance and Economics	Forecasting Midprice Movement of HFT Data with Bayesian Stochastic Attention-Based Neural Bag of Implicit Feature Models
	Speaker	Siwei Wang	Hunan University	Forecasting Using Nonlinear Factor Models with Nonparametrically Targeted Predictors
	Speaker	Tong Su	Yunnan University	Sparse Multicategory Generalized Distance Weighted Discrimination in Ultra-High Dimensions
	Speaker	Wan Tian	Beihang University	Efficient and Flexible LLMs-Generated Content Detection
A322 (3rd Floor)	**Contributed Session CS009：Statistical Machine Learning: Methodology and Applications**			
	Chair	Xu Guo	Beijing Normal University	
	Speaker	Yuqian Zhang	Renmin University of China	Adaptive Split Balancing for Optimal Random Forest
	Speaker	Sanfeng Hu	Yunnan University	Split-and-Merge Based Simultaneous Input and State Filter for Nonlinear Dynamic Systems
	Speaker	Li Ma	Xiamen University	Alteration Detection of Tensor Dependence Structure via Sparsity-Exploited Reranking Algorithm
	Speaker	Haobo Qi	Beijing Normal University	Mini-batch Gradient Descent with Buffer
	Speaker	Bin Yu	Yunnan University	Testing Non-inferiority of a New Treatment in Three-Arm Clinical Trials with Binary Endpoints
B601 (3rd Floor)	**Contributed Session CS010：Recent Advances in Statistical Learning Methods**			
	Chair	Zhonghua Li	Nankai University	
	Speaker	Xiao Liu	Shanghai Jiao Tong University	Efficient and Provable Online Reduced Rank Regression via Online Gradient Descent
	Speaker	Kejie Tang	Shanghai Jiao Tong University	Acceleration of Stochastic Gradient Descent with Momentum by Averaging: Finite-Sample Rates and Asymptotic Normality
	Speaker	Xuefei Cao	Nankai University	An Adaptive ABC-MCMC with Global-Local Proposals
	Speaker	Shan Dai	The Chinese University of Hong Kong (Shenzhen)	Large Deviation Algorithms for the Thresholding Bandit Problem
	Speaker	Yuhao Deng	University of Michigan	Computationally Efficient Methods for Estimating Co-heritability of Multivariate Phenotypes Using Biobank Data

Room	Character	Name	Affiliation	Title
B603 (3rd Floor)	**Contributed Session CS011：Causal Inference and Applications**			
	Chair	Weijuan Wang	Renmin University of China	
	Speaker	Jiawei Shan	Renmin University of China	Efficient Nonparametric Inference of Causal Mediation Effects with Nonignorable Missing Confounders
	Speaker	Xiaorui Wang	Southern University of Science and echnology	Multiply Robust Estimation for General Multivalued Treatment Effects with Missing Outcomes
	Speaker	Xuqiao Li	Sun Yat-sen University	Matching-Based Policy Learning with Observational Data
	Speaker	Chao Zhang	Beijing Technology and Business University	Prospective and Retrospective Causal Inferences Based on the Potential Outcomes Framework
	Speaker	Ping Zhang	Peking university	Causal Attribution with Confidence
B606 (3rd Floor)	**Contributed Session CS012：Recent Advances in Statistical Inference**			
	Chair	Sheng Fu	Nankai University	
	Speaker	Yuxin Tao	Tsinghua University	Statistical Inference for Power Autoregressive Conditional Duration Models with Stable Innovations
	Speaker	Tonghui Yu	Nanyang Technological University	Exploring Causal Effects of Hormone- and Radio-Treatments in an Observational Study of Breast Cancer under Semi-competing Risks Setting
	Speaker	Hanyue Chen	Peking University	A Statistical Review on the Optimal Fingerprinting Approach in Climate Change Studies
	Speaker	Sheng Fu	Nankai University	A Novel Approach for Identifying Genetic Associations with Heterogeneous Cancer Subtypes Risk
	Speaker	Han Yan	Peking University	Transfer Learning with General Estimating Equations

13 July, 14:00-15:40

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS053: Recent Advances in Statistical Learning**			
	Organizer	Tony Cai	University of Pennsylvania	
	Chair	Tony Cai	University of Pennsylvania	
	Speaker	Lu Tian	Stanford University	Dynamic Prediction with Individualized Feature Selection
	Speaker	Cun-Hui Zhang	Rutgers University	High-Order Statistical Expansion in Functional Estimation
	Speaker	Weijie Su	University of Pennsylvania	Navigating the Societal Landscape of Generative AI: Opportunities and Challenges From a Statistical Perspective
	Speaker	Haipeng Shen	University of Hong Kong	Network Regression and Supervised Centrality Estimation
A201-202 (2nd Floor)	**Invited Session IS022: Frontier of Statistics Machine Learning**			
	Organizer	Annie Qu	University of California Irvine	
	Chair	Annie Qu	University of California Irvine	
	Speaker	Yang Bai	Shanghai University of Finance and Economics	An Adaptive Transfer Learning Framework for Functional Classification
	Speaker	Likun Zhang	University of Missouri	Modeling Spatio-Temporal Extremes with Conditional Variational Autoencoders
	Speaker	Weining Shen	University of California, Irvine	Bayesian Biclustering and Its Application in Education Data Analysis
	Speaker	Anass El Yaagoubi	King Abdullah University of Science & Technology	Topological Analysis of Seizure-Induced Alterations in the Causal Pathways of Effective Brain Connectivity
A216-217 (2nd Floor)	**Invited Session IS036: New Advances in Complex Data Analyses**			
	Organizer	Peter Song	University of Michigan	
	Chair	Jin Zhou	University of California, Los Angeles	
	Speaker	Lu Tang	University of Pittsburgh	Federated Learning of Robust Individualized Decision Rules with Application to Heterogeneous Multi-Hospital Sepsis Population
	Speaker	Bei Jiang	Univeristy of Alberta	Envelope-Based Growth Mixture Modelling with Non-Ignorable Missingness
	Speaker	Tao Zou	Australian National University	Fixed and Random Covariance Regression Analyses
	Speaker	Xinzhou Guo	Hong Kong University of Science and Technology	Latent Subgroup Analysis with Observational Data

Room	Character	Name	Affiliation	Title
A301-302 **(3rd Floor)**				
	Organizer	Fang Yao	Peking University	
	Chair	Yumou Qiu	Peking University	
	Speaker	Wei Sun	Purdue University	Online Statistical Inference for Low-Rank Tensor Learning
	Speaker	Shuo Chen	University of Maryland	Semi-Confirmatory Factor Analysis for High-Dimensional Data with Interconnected Community Structures
	Speaker	Jiwei Zhao	University of Wisconsin-Madison	Assumption Matters: A Semiparametric Analysis of the Average Treatment Effect on the Treated
	Speaker	Jinzhu Jia	Peking University	Mendelian Randomization Analysis with Pleiotropy-Robust Log-Linear Models for Binary Outcomes
A320-A321 **(3rd Floor)**				
	Organizer	Zijian Guo	Rutgers University	
	Chair	Zijian Guo	Rutgers University	
	Speaker	Juntong Chen	University of Twente	A Statistical Analysis of an Image Classification Problem
	Speaker	Koulik Khamaru	Rutgers University	Inference with Adaptively Collected Data
	Speaker	Gemma Moran	Rutgers University	Holdout Predictive Checks for Bayesian Model Criticism
	Speaker	Hongzhe Li	University of Pennsylvania	Wasserstein F-Tests for the Frechet Regression on the Bures-Wasserstein Manifold
A203 **(2nd Floor)**				
	Organizer	Liping Zhu	Renmin University of China	
	Chair	Liping Zhu	Renmin University of China	
	Speaker	Qing Cheng	Southwest University of Finance and Economics	Test of Conditional Independence in Factor Models via Hilbert-Schmidt Independence Criterion
	Speaker	Kai Xu	Anhui Normal University	Testing the Effects of High-dimensional Covariates via Aggregating Cumulative Covariances
	Speaker	Yaowu Zhang	Shanghai University of Finance and Economics	A Distribution Free Conditional Independence Test with Applications to Causal Discovery
	Speaker	Yeqing Zhou	Tongji University	Rank-based Indices for Testing Independence between Two High-dimensional Vectors

Session header rows (spanning):
- **Invited Session IS037: New Statistical Methods for Causal Inference and Hidden Factor Learning**
- **Invited Session IS063: Recent Topics in Machine Learning**
- **Invited Session IS025: Independence Test and Association Analysis**

Room	Character	Name	Affiliation	Title
A218 (2nd Floor)	**Invited Session IS066: Semiparametric Modeling for Complex Survival Data**			
	Organizer	Xinyuan Song	Chinese University of Hong Kong	
	Chair	Xuejun Jiang	Southern University of Science and Technology	
	Speaker	Hong Wang	Central South University	Privacy Preserving Survival Analysis Based on Federated Gradient Boosted Trees
	Speaker	Chunjie Wang	Changchun University of Technology	Bayesian Estimation of Partial Functional Tobit Censored Quantile Regression Model
	Speaker	Shuwei Li	Guangzhou University	Factor-Augmented Transformation Models for Interval-Censored Failure Time Data
	Speaker	Shuying Wang	Changchun University of Technology	Semiparametric Analysis of Generalized Accelerated Hazards Models under Informative Double-Censored Data
A303 (3rd Floor)	**Invited Session IS070: Statistical Inference for Biological and Medical Data**			
	Organizer	Qizhai Li	Academy of Mathematics and Systems Science	
	Chair	Zhengwu Zhang	University of North Carolina at Chapel Hill	
	Speaker	Huilin Li	New York University	Microbial Causal Mediation Inference with Microbiome/Metagenomic Data
	Speaker	Yang Ning	Cornell University	Adaptive Estimation in Multivariate Response Regression with Hidden Variables
	Speaker	Xiucai Ding	University of California Davis	Manifold Learning for Noisy and High-dimensional Datasets
	Speaker	Xinran Li	University of Chicago	Sensitivity Analysis for Quantiles of Hidden Biases in Matched Observational Studies
A305 (3rd Floor)	**Invited Session IS078: Statistics in Earth Science Applications**			
	Organizer	Song Xi Chen	Peking University	
	Chair	Song Xi Chen	Peking University	
	Speaker	Tianying Wang	Colorado State University	Detection and Attribution Analysis with Estimating Equations
	Speaker	Furong Li	Ocean University of China	Detecting Marine Heatwaves Below the Sea Surface Globally Using Physics-Informed Statistical Learning
	Speaker	Bohai Zhang	Beijing Normal University-Hongkong Baptist University	A Bayesian Nonstationary Model for Spatial Binary Data with Application to Characterizing Surface Marine Heatwaves
	Speaker	Wu Su	Peking University	Global Carbon Flux Estimated Using EnKF with In-situ and Satellite CO_2 Observations

Room	Character	Name	Affiliation	Title
A306 (3rd Floor)	**Invited Session IS067: Stastistical Analysis with Complex Data**			
	Organizer	Qihua Wang	Chinese Academy of Sciences	
	Chair	Qihua Wang	Chinese Academy of Sciences	
	Speaker	Qingzhao Zhang	Xiamen University	Local Clustering for Functional Data
	Speaker	Yumou Qiu	Peking University	Gaussian Approximation for Thresholding Statistics
	Speaker	Yukun Liu	East China Normal University	Distribution-Free Prediction Intervals under Covariate Shift, with an Application to Causal Inference
	Speaker	Shiyang Ma	Shanghai Jiao Tong University	Knockoff-Based Statistics for the Identification of Putative Causal Genes in Genetic Studies
A307 (3rd Floor)	**Invited Session IS052: Recent Advances in Sequencing and Imaging Data Analysis**			
	Organizer	Anru Zhang	Duke University	
	Chair	Anru Zhang	Duke University	
	Speaker	Yajuan Si	University of Michigan	Latent Subgroup Identification in Image-on-Scalar Regression
	Speaker	Vicky Wu	Fred Hutchinson	Biomarker Identification Using High Dimensional Inference with An Application in CAR-T Cell Immunotherapy
	Speaker	Tongyu Li	Peking University	Functional Tensor Regression
	Speaker	Xiwei Tang	University of Virginia	Streaming Tensor Factorization
A308 (3rd Floor)	**Invited Session IS085: Industrial Big Data and Intelligent Statistical Analysis (工业大数据和智能化统计分析)**			
	Organizer	Jianping Zhu	Xiamen University	
	Chair	Jianping Zhu	Xiamen University	
	Speaker	Bangchang Xie	Fu Jen Catholic University	Application of Intelligent Statistical Analysis in Biotechnology and Medical Treatment 智能化统计分析在生技医疗上之应用
	Speaker	Yong Li	Chengdu University of Information Technology	Statistical Measurement and Application of Industrial Big Data 工业大数据统计测度及其应用
	Speaker	Chenlu Zheng	Fu Jian Police College	Promote sign consistency in cure rate model for Credit Scoring
	Speaker	Jinfang Tian	Shandong University of Finance and Economics	Industrial Intelligence and Corporate Environmental Performance: An Industry-Linked Perspective

Room	Character	Name	Affiliation	Title
A315 (3rd Floor)		**Invited Session IS076: Statistical Learning on Multi-Source and Complicated Data**		
	Organizer	Niansheng Tang	Yunnan Univeristy	
	Chair	Zhongyi Zhu	Fudan University	
	Speaker	Zhongyi Zhu	Fudan University	Decentralized Learning of Quantile Regression: A Smoothing Approach with Two Bandwidths
	Speaker	Niansheng Tang	Yunnan Univeristy	Tuning-Free Sparse Clustering via Alternating Hard-Thresholding
	Speaker	Puying Zhao	Yunnan Univeristy	Orthogonality Specification Testing with Complex Survey Data
	Speaker	Wensheng Zhu	Northeast Normal University	Communication-Efficient Distributed Subgroup Learning
A316 (3rd Floor)		**Sepecial Session SS1: Bernoulli Session on Statistical Methodology & Theory**		
	Organizer	Jeff Yao	The Chinese University of Hong Kong (Shenzhen)	
	Chair			
	Speaker	Nestor Parolya	Delft University of Technology	Enhancing High-Dimensional Statistical Learning Through Random Matrix Theory: Reviving Pseudo-Inverses
	Speaker	Cosme Louart	The Chinese University of Hong Kong (Shenzhen)	Operations with Concentration Inequalities
	Speaker	Kento Egashira	Tokyo University of Science	Asymptotic Properties of K-means and Its Modification under High Dimensional Settings
A317 (3rd Floor)		**Contributed Session CS013：Statistical Inference for Functional/Time Series Data**		
	Chair	Lin Hou	Tsinghua University	
	Speaker	Zerui Guo	Sun Yat-sen University	Unified Principal Components Analysis of Irregularly Observed Functional Time Series
	Speaker	Zihan Wang	Tsinghua University	Factor Modelling for Matrix-Variate Functional Time Series in High Dimensions
	Speaker	Chenlin Zhang	Southwestern University of Finance and Economics	Functional Data Analysis with Covariate-Dependent Mean and Covariance Structures
	Speaker	Jiasheng Li	The Chinese University of Hong Kong (Shenzhen)	Differential Inference for scATAC-Seq Data
	Speaker	Chenxiao Dai	Tsinghua University	Revisiting the Poisson Autoregressive Model: Structure and Statistical Inference 重访泊松自回归模型：结构与统计推断

Room	Character	Name	Affiliation	Title
A318 (3rd Floor)	**Contributed Session CS014: Ultrahigh Dimensional Statistical Inference**			
	Chair	Xianpeng Zong	Beijing University of Technology	
	Speaker	Jiaxin Shi	Peking University	Mixture Conditional Regression with Ultrahigh Dimensional Text Data for Estimating Extralegal Factor Effects
	Speaker	Zhentao Tian	Beijing University of Technology	Variation of Conditional Mean and Its Application in Ultrahigh Dimensional Feature Screening
	Speaker	Juan Li	Yunnan University	Feature Screening for Ultra High Dimensional Data via Adapted Sliced Wasserstein Correlation Coefficient
	Speaker	Ke Yu	Shanghai Jiaotong University	A Sequential Feature Selection Procedure for High Dimensional Cox Proportional Hazards Model with Main and Interaction Effects
	Speaker	Hao-Xuan Sun	Peking University	High-Dimensional Ensemble Kalman Filter with Localization, Inflation and Iterative Updates
A322 (3rd Floor)	**Contributed Session CS015: High Dimensional Statistical Inference**			
	Chair	Feiyu Jiang	Fudan University	
	Speaker	Jingkun Qiu	Peking University	Beyond Detection Boundary: Minimax Deficiency for Two-Sample Mean Tests in High Dimensions
	Speaker	Yidan Cui	Shanghai Jiao Tong University	Mediation Analysis in Longitudinal Study with High-Dimensional Methylation Mediators
	Speaker	Ruiqi Bai	Fudan University	Estimation and Inference for High-Dimensional Quantile Regression with Knowledge Transfer under Distribution Shift
	Speaker	Zhangshuang Sun	Shanghai University of Engineering Science	Enhancing High-Dimensional Dynamic Covariance Estimation Model Based on GARCH Family and Comparative Performance Analysis
	Speaker	Wenxuan Guo	University of Chicago	Invariance-Based Inference in High-Dimensional Regression with Finite-Sample Guarantees
B601 (3rd Floor)	**Contributed Session CS016: Statistical Inference in Complex Data Analysis**			
	Chair	Yuan Gao	Peking University	
	Speaker	Yuan Gao	Peking University	Penalized Sparse Covariance Regression with High Dimensional Covariates
	Speaker	Hongqi Chen	Hunan University	Quantile Forward Regression in High-Dimensional Distributional Counterfactual Analysis
	Speaker	Wenjun Wang	Yunnan University	A Tuning-Free Robust Approach for High-Dimensional Regression with Missing Covariates
	Speaker	Xiaolong Wang	Shaanxi Normal University	Parameter Identification of Random Wing Model Based on Deep Feature Fusion 基于深度特征融合的随机机翼模型参数辨识
	Speaker	Yingqiu Zhu	University of International Business and Economics	A Distribution Factor Clustering Method Based on Gaussian Mixture Model 基于高斯混合模型的分布因子聚类方法

Room	Character	Name	Affiliation	Title
B603 **(3rd Floor)**				

Room	Character	Name	Affiliation	Title
B603 (3rd Floor)	**Contributed Session CS017：Statistical Modeling for Complex Networks**			
	Chair	Shuixia Guo	Hunan Normal University	
	Speaker	Hairong Xiao	Hunan Normal University	Atypical Dynamic Network Reconfiguration and Genetic Mechanisms in Patients with Major Depressive Disorder
	Speaker	Tianchen Gao	Xiamen University	Citation Counts Prediction of Statistical Publications Based on Multi-layer Academic Networks via Neural Network Model
	Speaker	Yuxin Zhang	University of Science and Technology of China	A Community Detection Algorithm Based on Spectral Co-clustering and Weight Self-adjustment in Attributed Stochastic Co-block Models
	Speaker	Qingmin Zhang	Yunnan University	Two-Step Estimation Procedure for Copula-Based Parametric Regression Models for Semi-competing Risks Data
	Speaker	Binghao Wang	Peking University	Constructing a Three-Dimensional Eddy-Resolving Hydrographic Dataset in West Pacific Ocean Using Ensemble Kalman Filter
B606 (3rd Floor)	**Contributed Session CS018：Complex Data Analysis**			
	Chair	Xia Chen	Shaanxi Normal University	
	Speaker	Guanglin Huang	Southwestern University of Finance and Economics	Estimation of Non-gaussian Factors Using Higher-Order Multi-cumulants in Weak Factor Models
	Speaker	Mingjing Chen	Chongqing Technology And Business University	One-Way and Two-Way Matrix Factor Models
	Speaker	Yi Sun	Xinjiang University	Structural Dimension Reduction in Bayesian Networks
	Speaker	Pei Wang	Henan University	Two-Stage Gene Selection of Prior Information Fusion and Its Application in Omics Data Mining 融合先验信息的两阶段基因选择及其在组学数据挖掘中的应用
	Speaker	Xia Chen	Shaanxi Normal University	Power-Enhanced Projection Test for High-Dimensional Mean Vectors

The 2nd Joint Conference on Statistics and Data Science in China

13 July, 16:00-17:40

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS048: Recent Advances in Deep Learning Theory（深度学习理论最新进展）**			
	Organizer	Huazhen Lin	Southwestern University of Finance and Economics	
	Chair	Huazhen Lin	Southwestern University of Finance and Economics	
	Speaker	Yuling Jiao	Wuhan University	Self-Supervised Transfer Learning
	Speaker	Wei Lin	Peking University	A Statistical Theory of Regularization-Based Continual Learning
	Speaker	Qian Lin	Tsinghua University	Towards a Statistical understanding of Deep Neural Network: Beyond the Neural Tangent Kernel Theory
	Speaker	Zhou Yu	East China Normal University	Deep Nonlinear Sufficient Dimension Reduction
A201-202 (2nd Floor)	**Invited Session IS082: Trustworthy AI**			
	Organizer	Annie Qu	University of California Irvine	
	Chair	Yanqing Zhang	Yunnan University	
	Speaker	Xuan Bi	University of Minnesota	A Network-Based Decentralization Scheme for Recommender Systems
	Speaker	Hengrui Cai	University of California,Irvine	Is Knowledge All Large Language Models Needed for Causal Reasoning?
	Speaker	Junhui Wang	Chinese University of Hong Kong	On Tracking Structural Changes in Dynamic Heterogeneous Networks
	Speaker	Yuhua Zhu	University of California, Los Angeles	PhiBE: A Physics-Informed Bellman Equation for Continuous Time Reinforcement Learning
A216-217 (2nd Floor)	**Invited Session IS021: Foundation Models in Large-Scale Biomedical Studies**			
	Organizer	Ting Li	Shanghai University of Finance and Economics	
	Chair	Ting Li	Shanghai University of Finance and Economics	
	Speaker	Yong Chen	University of Pennsylvania	RWE-GPT: A Large Scale Pretrained Foundation Model with Negative Control Outcomes for Debiased Real-World Evidence Generation
	Speaker	Xueqin Wang	University of Science and Technology of China	Integrated Analysis and Mining of Large-Scale Biomedical Data
	Speaker	Sheng Yu	Tsinghua University	Development of A Large Language Model for Electronic Health Record Information Extraction

Room	Character	Name	Affiliation	Title
A301-302 (3rd Floor)	**Invited Session IS077: Statistical Theory and Learning**			
	Organizer	Chinese Society for Probability and Statistics		
	Chair	Chuanhai Liu	Purdue University	
	Speaker	Le Zhou	Hong Kong Baptist University	Enveloped Huber Regression
	Speaker	Xiao Wang	Purdue University	Implicit Generative Prior for Bayesian Neural Networks
	Speaker	Chuanhai Liu	Purdue University	Estimation of Over-parameterized Models from an Auto-modeling Perspective
A320-A321 (3rd Floor)	**Invited Session IS027: Innovative Statistical Methods for Heterogeneous Data**			
	Organizer	Lan Wang	University of Miami	
	Chair	Lan Wang	University of Miami	
	Speaker	Jiming Jiang	University of California at Davis	Observed Best Prediction for Small Area Counts
	Speaker	Wenyang Zhang	University of Macau	Estimation of Low Rank High-Dimensional Multivariate Linear Models for Multi-Response Data
	Speaker	Weibin Mo	Purdue University	Minimax Regret Learning for Data with Heterogeneous Sub-populations
A203 (2nd Floor)	**Invited Session IS040: Novel Applications in Biostatistics**			
	Organizer	Annie Qu	University of California Irvine	
	Chair	Annie Qu	University of California Irvine	
	Speaker	Xiaowu Dai	University of California, Los Angeles	Kernel Ordinary Differential Equation
	Speaker	Qi Xu	University of California Irvine	Estimation of Individualized Combination Treatment Rule
	Speaker	Annie Qu	University of California Irvine	Optimal Transport for Latent Integration with an Application to Heterogeneous Neuronal Activity Data
	Speaker	Jin Zhou	University of California, Los Angeles	Estimating Heritability of Time-to-Event Traits Using Censored Multiple Variance Component Model

Room	Character	Name	Affiliation	Title
A218 (2nd Floor)	Invited Session IS073: Statistical Interdisciplinary Studies II			
	Organizer	Song Xi Chen	Peking University	
	Chair	Song Xi Chen	Peking University	
	Speaker	Jing Zhou	Renmin University of China	A New Statistic That Integrates Statistical Significance and Clinical Significance for Assessing the Progression of Pulmonary Nodules
	Speaker	Catherine Liu	The Hong Kong Polytechnic University	Correlation Trilogy of UWF-Based Myopia Prediction: Copula, OU, and Large Model
	Speaker	Zilin Li	Northeast Normal University	Powerful, Scalable and Resource-Efficient Meta-Analysis of Rare Variant Associations in Large Whole Genome Sequencing Studies
	Speaker	Yaofeng Zhang	Hubei University Of Economics	Construction and Application of Crime Prediction Effectiveness Index 犯罪预测效果指数构建与应用
	Speaker	Zhengjun Zhang	University of Chinese Academy of Sciences	Towards Precision Oncology Discovery: Four Less Known Genes and Their Unknown Interactions as Highest-Performed Biomarkers for Colorectal Cancer
A303 (3rd Floor)	Invited Session IS087: Data Science and Business Intelligence Statistical Analysis (数据科学与商业智能统计分析)			
	Organizer	Jianping Zhu	Xiamen University	
	Chair	Jianping Zhu	Xiamen University	
	Speaker	Jianping Zhu	Xiamen University	New Thinking and Development in Data Analysis 数据分析的新思维与新发展
	Speaker	Jialin Hua	Jiangxi University of Finance and Economics	From Specific Models to LLMs: Revolutionizing Problem Solving with Generative AI
	Speaker	Kaiming Cheng	Zhejiang Gongshang University	Predicting Total Retail Sales of Consumer Goods Based on Web Search Data and Deep Neural Networks 基于网络搜索数据和深度神经网络的社会消费品零售总额预测研究
	Speaker	Min Zhang	Chongqing Technology And Business University	A Study on Empowering High Quality Development and Efficiency Improvement Path of Industrial Industry with New Productivity: Empirical Analysis Based on Random Forest Algorithm 新质生产力赋能工业行业高质量发展及其效率提升路径研究—基于随机森林算法的实证分析
A305 (3rd Floor)	Invited Session IS013: Design and Modeling for Computer Experiments (计算机试验的设计与建模)			
	Organizer	Niansheng Tang	Yunnan Univeristy	
	Chair	Mingyao Ai	Peking University	
	Speaker	Jianfeng Yang	Nankai University	Robust Design for Order-of-Addition Experiments
	Speaker	Shifeng Xiong	Chinese Academy of Sciences	Physical Parameter Calibration
	Speaker	Xu He	Chinese Academy of Sciences	Adaptive Grid Designs for Classifying Monotonic Binary Computer Simulations
	Speaker	Yaping Wang	East China Normal University	Construction of Orthogonal-Maxpro Latin Hypercube Designs

Room	Character	Name	Affiliation	Title
A306 (3rd Floor)	**Invited Session IS001: Advanced Estimation Methods and Machine Learning**			
	Organizer	Xingqiu Zhao	Hong Kong Polytechnic University	
	Chair	Xingqiu Zhao	Hong Kong Polytechnic University	
	Speaker	Ruijian Han	Hong Kong Polytechnic University	General Pairwise Comparison Models
	Speaker	Baihua He	University of Science and Technology of China	RMA: Ranking Based on Model Averaging
	Speaker	Wen Su	City University of Hong Kong	Demographic Parity-Aware Individualized Treatment Rules
	Speaker	Kin Yau Wong	Hong Kong Polytechnic University	An Optimal Two-Step Estimation Approach for Two-Phase Studies
A307 (3rd Floor)	**Invited Session IS003: Advancements in Statistical Inference of Point Processes and Their Applications**			
	Organizer	Jiancang Zhuang	The Institute of Statistical Mathematics, Japan	
	Chair	Jiancang Zhuang	The Institute of Statistical Mathematics, Japan	
	Speaker	Jiancang Zhuang	The Institute of Statistical Mathematics, Japan	Filtering and Estimating the Renewal Hawkes Process
	Speaker	Jialing Liu	Sun Yat-sen University	Nonparametric Second-Order Estimation for Spatiotemporal Point Patterns
	Speaker	Feng Chen	The University of New South Wales	Fitting Multivariate Hawkes Process with Interval Count Data
	Speaker	Guanyu Hu	University of Texas Health Science Center at Houston	Bayesian Nonparametric Learning for Point Processes with Spatial Homogeneity: A Spatial Analysis of NBA Shot Locations
A308 (3rd Floor)	**Invited Session IS007: Asymptotic Theory and High-Dimensional Statistics**			
	Organizer	Takeru Matsuda	University of Tokyo & RIKEN Center for Brain Science	
	Chair	Yuta Koike	University of Tokyo	
	Speaker	Yuta Koike	University of Tokyo	High-Dimensional Bootstrap and Asymptotic Expansion
	Speaker	Songhao Liu	Southern University of Science and Technology	Central Limit Theorem in Exponential Graphs 指数图中心极限定理
	Speaker	Mengxi Yi	Beijing Normal University	Large Dimensional Robust Spiked Covariance Matrix and Order Estimation
	Speaker	Takeru Matsuda	University of Tokyo & RIKEN Center for Brain Science	Double Shrinkage Priors for a Normal Mean Matrix

Room	Character	Name	Affiliation	Title
A315 (3rd Floor)	5 **Invited Session IS092: Statistical Network Analysis and Its Application**
	Organizer	Jialiang Li	National University of Singapore	
	Chair	Jingnan Zhang	University of Science and Technology of China	
	Speaker	Yuguo Chen	University of Illinois Urbana-Champaign	Modularity Based Methods for Network Data
	Speaker	Yuan Zhang	The Ohio State University	Distribution-Free Matrix Prediction under Arbitrary Missing Pattern
	Speaker	Ben Dai	The Chinese University of Hong Kong	ReHLine: Regularized Composite ReLU-ReHU Loss Minimization with Linear Computation and Linear Convergence
	Speaker	Haoran Zhang	Southern University of Science and Technology	Efficient Estimation for Longitudinal Networks via Adaptive Merging
A316 (3rd Floor)	5 **Invited Session IS009: Complex Data, Geometry and Related Fields**
	Organizer	Zhigang Yao	National University of Singapore	
	Chair	Zhigang Yao	National University of Singapore	
	Speaker	Jian Kang	University of Michigan	Regression Analysis of Neuroimaging Data Leveraging Deep Neural Networks
	Speaker	Ruibin Xi	Peking University	Interpretable Super-Resolution Dimension Reduction of Spatial Transcriptomics Data by DeepFuseNMF
	Speaker	Wanli Qiao	George Mason University	Algorithms for Ridge Estimation with Convergence Guarantees
	Speaker	Bingjie Li	National University of Singapore	Manifold Fitting: The Next Frontier in Single-Cell RNA Clustering and Its Potential Applications
A317 (3rd Floor)	5 **Contributed Session CS019：Statistical Applications in Economics and Medicine**
	Chair	Mingjing Chen	Chongqing Technology and Business University	
	Speaker	Anqi Zhao	Chongqing Technology and Business University	"The Belt and Road" Network Analysis and Spatial Spillover Effect "一带一路"网络分析及空间溢出效应
	Speaker	Jinhai Li	Chongqing Technology and Business University	Network Analysis and Spatial Correlation of Common Prosperity 共同富裕的网络分析与空间关联
	Speaker	Zhiyang Yu	North Minzu University	Statistical Measurement and Spatial Difference of Chinese Path to Modernization Level Based on Provincial Dimension 基于省域维度中国式现代化水平的统计测度及空间差异
	Speaker	Changchun Shang	Yunnan University of Finance And Economics	Bilinear Factor Analysis 双线性因子分析
	Speaker	Yuting Liao	Sun Yat-sen University	Using the NP UNet Model to Automatically Quantify the Non Perfusion Area of Retinal UWF-SS-OCTA in Patients with Ischemic Retinal Disease 利用 NP-UNet 模型自动量化缺血性视网膜疾病患者视网膜 UWF-SS-OCTA 的无灌注区

Room	Character	Name	Affiliation	Title
	Contributed Session CS020：Optimal Subsampling			
A318 (3rd Floor)	Chair	Xiaozhou Wang	East China Normal University	
	Speaker	Xiaoyan Li	Chongqing University	Distributed Subsampling for Multiplicative Regression
	Speaker	Mengdong Shang	Shaanxi Normal University	Jackknife Empirical Likelihood with Complex Surveys
	Speaker	Zhengyu Xiong	Kunming University Of Science And Technology	Alpha Optimal Subsampling of Joint Mean and Variance Models under Heteroscedasticity Big Data 异方差大数据下联合均值与方差模型的alpha- 最优子抽样
	Speaker	Sizhe Wang	East China Normal University	Optimal Linear Combination of Biomarkers by Weighted Youden Index Maximization
	Speaker	Jianyang Tong	Yunnan University	Multidimensional Distribution-to-Distribution Regression via Optimal Transport Maps
	Contributed Session CS021：Matrix Theory and Sufficient Dimension Reduction			
A322 (3rd Floor)	Chair	Binghui Liu	Northeast Normal University	
	Speaker	Xun Zhao	Southwestern University Of Finance And Economics	Multi Angle Subgroup Ensemble Learning Based on Tensor Decomposition 基于张量分解的多角度亚组集成学习
	Speaker	Ziyuan Chen	Peking University	Dynamic Matrix Recovery 动态矩阵恢复
	Speaker	Zheng Li	Northeast Normal University	An Improved Principal Hessian Directions Method for Dimension Reduction
	Speaker	Peiyu He	Peking University	A Novel Method for Synthetic Controls with Interference
	Speaker	Kang Shuai	Peking University	Identifying Causal Effects Using Instrumental Variables From the Auxiliary Dataset
	Contributed Session CS022：Asymptotic Theory in Probability and Statistics			
B601 (3rd Floor)	Chair	Pengkun Yang	Tsinghua University	
	Speaker	Hufei Li	North Minzu University	Stochastic Dynamical Analysis for Renewable Power System Excited by Multiplicative Fractional Gaussian Noise Based on Graph Neural Network
	Speaker	Chengjun Ding	Yunnan University	Limit Theorems for Continuous State Nonhomogeneous Markov Chain
	Speaker	Guoyu Zhang	Peking University	Green Matching: An Efficient Parameter Estimation Method for Complex Dynamical Systems 格林匹配：复杂动力系统的一种高效参数估计方法
	Speaker	Pengfei Tian	Tsinghua University	Stratified Permutational Berry--Esseen Bounds
	Speaker	Weihao Li	National University of Singapore	Using Synthetic Data to Regularize Maximum Likelihood Estimation

Room	Character	Name	Affiliation	Title
B603 (3ʳᵈ Floor)	Contributed Session CS023：Recent Advances in Graphical Models and Image			
	Chair	Xiaochao Xia	Chongqing University	
	Speaker	Shan Gao	Yunnan University	Empowering Mental Health Insights: The Synergy of Knowledge Graphs and Large Language Models
	Speaker	Zuoxun Tan	Chongqing University	Total Variation Regularized Multi-Matrices Weighted Schatten p-norm Minimization for Image Denoising
	Speaker	Xingshu Chen	Sun Yat-sen University	Applying a Collaborative Learning Framework Based on Pyramid Shaped Visual Transformers for Uncertainty Information in Fundus Image Classification, Segmentation, and Object Detection Tasks 将基于金字塔型视觉变换器的不确定性信息共学习框架用于眼底图像的分类，分割以及目标检测任务
	Speaker	Jun Dai	University of Science and Technology of China	Aggregate Spectral Clustering for Multi-layer Popularity Adjusted Block Model
	Speaker	Dong Huang	Tsinghua University	Information-Theoretic Thresholds for the Alignments of Partially Correlated Graphs
B606 (3ʳᵈ Floor)	Contributed Session CS024：Statistical Modeling for Complex Data			
	Chair	Tuo Liu	Xiamen University	
	Speaker	Changwei Zhao	Xiamen University	Fast and Stable Estimation for Structural Break Models with Endogenous Regressors
	Speaker	Youjie Zeng	University of Science and Technology of China	Simultaneous Outlier Detection and Prediction for Kriging with True Identification
	Speaker	Kecheng Wei	Fudan University	Time-Varying Mediation Analysis for Incomplete Data with Application to DNA Methylation Study for PTSD
	Speaker	Minhao Qi	Shanghai University of Finance and Economics	Time-Varying Home Advantage in the English Premier League: A Causal Discovery Method for Non-Stationary Causal Processes
	Speaker	Qianhan Zeng	Peking University	A Semiparametric Gaussian Mixture Model for Chest CT-based 3D Blood Vessel Reconstruction

The 2nd Joint Conference on Statistics and Data Science in China

14 July, 8:30-10:10

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS023: Deep Generative Models**			
	Organizer	Jian Huang	Hong Kong Polytechnic University	
	Chair	Jian Huang	Hong Kong Polytechnic University	
	Speaker	Jianfei Chen	Tsinghua University	Efficient Training Algorithms for Neural Networks 神经网络的高效训练算法
	Speaker	Guohao Shen	Hong Kong Polytechnic University	Conditional Stochastic Interpolation for Generative Learning
	Speaker	Mingyuan Zhou	University of Texas, Austin	Score Identity Distillation: Exponentially Fast Distillation of Pretrained Diffusion Models for One-Step Generation
	Speaker	Yuan Gao	The Hong Kong Polytechnic University	Gaussian Denoising for Generative Learning
A201-202 (2nd Floor)	**Invited Session IS096: New Statistical and Machine Learning Methods for Complex Data**			
	Organizer	Depeng Jiang	University of Manitoba	
	Chair	Depeng Jiang	University of Manitoba	
	Speaker	Zhiyang Zhou	University of Wisconsin-Milwaukee	A Parsimonious Joint Model of Survival Outcomes and Time-Varying Biomarkers
	Speaker	Po Yang	University of Manitoba	A Bayesian Approach to Response Optimization on Data with Multistratum Structure
	Speaker	Pingzhao Hu	Western University	Machine Learning-Driven Data Integration for Precision Medicine
	Speaker	Depeng Jiang	University of Manitoba	Improved Joint Modeling of Longitudinal and Survival Data Using a Poisson Regression Approach
A216-217 (2nd Floor)	**Invited Session IS024: High-Dimensional Statistical Learning**			
	Organizer	Chinese Society for Probability and Statistics		
	Chair	Changliang Zou	Nankai University	
	Speaker	Liuhua Peng	University of Melbourne	Kernel Variable Importance Measure
	Speaker	Yanlin Tang	East China Normal University	Distribution-Free Prediction Bands for Clustered Data with Missing Responses
	Speaker	Guan Yu	University of Pittsburgh	Integrative Nearest Neighbor Classifiers for Block-Missing Multi-modal Data
	Speaker	Junlong Zhao	Beijing Normal University	Residual Importance Weighted Transfer Learning for High-Dimensional Linear Regression

Room	Character	Name	Affiliation	Title
A301-302 (3rd Floor)	**Invited Session IS019: Financial Machine Learning**			
	Organizer	Xinhua Zheng	Hong Kong University of Science and Technology	
	Chair	Xinhua Zheng	Hong Kong University of Science and Technology	
	Speaker	Weichen Wang	Hong Kong University	Estimation of Out-of-Sample Sharpe Ratio for High Dimensional Portfolio Optimization
	Speaker	Haifeng You	Tsinghua University	Corporate Risk Disclosures, Stock Price Comovement, and Expected Returns
	Speaker	Ming Yuan	Columbia University	Mitigating Estimation Risk in High Dimensional Portfolio Selection
A320-A321 (3rd Floor)	**Invited Session IS008: Causal Inference in Observational Studies**			
	Organizer	Chinese Society for Probability and Statistics		
	Chair	Wang Miao	Peking University	
	Speaker	Ruoyu Wang	Harvard University	Debiased Estimating Equation Method for Versatile and Efficient Mendelian Randomization Using Large Numbers of Correlated and Invalid SNPs with Weak Effects
	Speaker	Yifan Cui	Zhejiang University	Policy Learning with Distributional Welfare
	Speaker	Linbo Wang	University of Toronto	The Promises of Parallel Outcomes
	Speaker	Lin Liu	Shanghai Jiao tong University	Few-Shot Multi-task Learning with MetaSP
A203 (2nd Floor)	**Invited Session IS002: Advancements in Integrative Statistical Inference**			
	Organizer	Wenguang Sun	Zhejiang University	
	Chair	Wenguang Sun	Zhejiang University	
	Speaker	Zijian Guo	Rutgers University	Guided Adversarial Robust Transfer Learning with Source Mixing
	Speaker	Jingshu Wang	University of Chicago	Aggregating Dependent Signals with Heavy-Tailed Combination Tests
	Speaker	Fan Yang	Tsinghua University	An Integrative Multi-context Mendelian Randomization Method for Identifying Risk Genes Across Human Tissues

Room	Character	Name	Affiliation	Title
A218 **(2nd Floor)**	**Invited Session IS072: Statistical Interdisciplinary Studies I**			
	Organizer	Song Xi Chen	Peking University	
	Chair	Song Xi Chen	Peking University	
	Speaker	Bingyi Jing	Southern University of Science and Technology	Solving Large-scale Sparse Euations with Tree Structures and Its Applications to Optical Fiber Networks
	Speaker	Ke Deng	Tsinghua University	Integrating Statistical Learning and Deep Learning for Efficient and Interpretable Analysis of Complex Unstructured Data
	Speaker	Chengyong Tang	Temple University	Exploring Novel Uncertainty Quantification through Forward Intensity Function Modeling
	Speaker	Shouxia Wang	Peking University	Dynamic Synthetic Control Method for Semiparametric Time-varying Additive Autoregression Model
A303 **(3rd Floor)**	**Invited Session IS049: Recent Advances in Efficient and Fair Machine Learning**			
	Organizer	Anru Zhang	Duke University	
	Chair	Anru Zhang	Duke University	
	Speaker	Wanjie Wang	National University of Singapore	Network-Guided Covariate Selection and Downstream Applications
	Speaker	Xudong Li	Fudan University	Data-Driven Minimax Optimization with Expectation Constraints
	Speaker	Linjun Zhang	Rutgers University	Fair Classification with Finite-Sample and Distribution-Free Guarantees
	Speaker	Pan Xu	Duke University	Optimal and Efficient Thompson Sampling Algorithms for Bandits and Reinforcement Learning
A305 **(3rd Floor)**	**Invited Session IS057: Recent Advances in Statistical Network Analysis - Theory and Methodology**			
	Organizer	Ji Zhu	University of Michigan	
	Chair	Xiaoyue Maggie Niu	The Pennsylvania State University	
	Speaker	Jianwei Hu	Central China Normal University	Hypothesis Test of General Network Models 一般网络模型的假设检验
	Speaker	Danyang Huang	Renmin University of China	Transfer Learning in High-Dimensional Network Regression Models
	Speaker	Binghui Liu	Northeast Normal University of China	Community Detection in Weighted Networks
	Speaker	Yunpeng Zhao	Colorado State University	Community Detection with the Heterogeneous Block Covariance Model

Room	Character	Name	Affiliation	Title
A306 **(3rd Floor)**	**Invited Session IS017: Financial and Macroeconometrics**			
	Organizer	Zhijie Xiao	Boston College	
	Chair	Zhijie Xiao	Boston College	
	Speaker	Qianqian Zhu	Shanghai University of Finance and Economics	Panel Quantile GARCH Models under Homogeneity
	Speaker	Jilin Wu	Xiamen University	Sign-Based Tests for Structural Changes in Multivariate Volatility
	Speaker	Chaohua Dong	Zhongnan University of Economics and Law	Robust M-Estimation for Additive Single-Index Cointegrating Time Series Models
	Speaker	Xiaojun Song	Peking University	A Consistent Specification Test for Expectile Models
A307 **(3rd Floor)**	**Invited Session IS020: Foudation Models in Modern Industries**			
	Organizer	Jinhan Xie	University of Alberta	
	Chair	Ting Li	Shanghai University of Finance and Economics	
	Speaker	Kaixian Yu	Insilicom	Current Status and Prospects of Statistics and AI in Industry 统计学、AI在业界的现状和展望
	Speaker	Xiaohuan Cao	ShanghaiTech University	Applications and Developments of Artificial Intelligence in Medical Imaging and Clinical Practice 人工智能在医学影像及临床中的应用与发展
	Speaker	Zheng Wang	Alibaba	AI for Drug Discovery -- Virtual Screening and Foundation Model
A308 **(3rd Floor)**	**Invited Session IS029: Interface of Functional Data Analysis and Dynamic Models**			
	Organizer	Jiguo Cao	Simon Fraser University	
	Chair	Jiguo Cao	Simon Fraser University	
	Speaker	Shujie Ma	University of California at Riverside	Privacy-Preserving Community Detection for Locally Distributed Multiple Networks
	Speaker	Le Bao	The Pennsylvania State University	Dynamic Models Augmented by Hierarchical Data
	Speaker	Xinyue Li	City University of Hong Kong	A Novel Two-Dimensional Functional Mixed-Effect Model Framework with Application in Population Studies
	Speaker	Nan Zhang	Fudan University	An SPDE Approach to Variational Inference for Log-Gaussian Cox Process

Room	Character	Name	Affiliation	Title
A315 (3rd Floor)	**Invited Session IS033: Modeling and Statistical Inference of Medical Big Data**			
	Organizer	Chinese Society for Probability and Statistics		
	Chair	Xiuhua Guo	Capital Medical University	
	Speaker	Fuzhong Xue	Shandong University	A Distributed Ensemble Algorithm for Learning Causal Bayesian Network Structure from Large-Scale Data
	Speaker	Yongyue Wei	Peking University	Multidimensional Aging Prediction Model Based on Proteomics 基于蛋白质组学的多维度衰老预测模型研究
	Speaker	Lixin Tao	Capital Medical University	Study on Causal Association Between Abnormal Renal Function Indicators and Carotid Plaque Formation 肾功能指标异常与颈动脉斑块发生的因果关联研究
	Speaker	Haibin Li	Beijing Chaoyang Hospital, Capital Medical	Mid-to Late-Life Trajectories of Depressive Symptoms and Risk of Cardiovascular Disease Mortality: A Joint Latent Class Mixed Models
A316 (3rd Floor)	**Invited Session IS047: Recent Advances in Data Integration in Survey Sampling**			
	Organizer	Jae-Kwang Kim	Iowa State University	
	Chair	Jae-Kwang Kim	Iowa State University	
	Speaker	Changbao Wu	University of Waterloo	Issues with Inverse Probability Weighting and Model-Based Prediction for Non-probability Samples
	Speaker	Li-Chun Zhang	University of Southampton	Supervised Network Classification
	Speaker	Zhonglei Wang	Xiamen University	A New Class of Robust Linear Estimators
	Speaker	Hengfang Wang	Fujian Normal University	Inductive Matrix Completion Through Transfer Learning
A317 (3rd Floor)	**Contributed Session CS025: Complex Data Modeling**			
	Chair	Zeng Li	Southern University of Science and Technology	
	Speaker	Yang Sun	Peking University	Calibration for Computer Models with Time-Varying Parameter
	Speaker	Shuaida He	Southern University of Science and Technology	Large-Scale Metric Objects Filtering for Binary Classification
	Speaker	Xiaoming Sha	Yunnan University	Penalized Exponentially Tilted Likelihood for Growing Dimensional Models with MAR Missing Data
	Speaker	Jiankang Xiong	Chinese Academy of Science	A Novel Integration Method for Single Cell Transcriptomics and Proteomics Data Based on Transformer 基于Transformer的单细胞转录组学与蛋白质组学数据新型整合方法
	Speaker	Zhaohui Man	Ningxia University	Estimation of Spatial Weight Matrix in Spatial Error Autocorrelation Models with Non-zero Autocorrelation Random Perturbations 具有非零自协方差随机扰动的空间误差自相关模型中的空间权重矩阵的估计

Room	Character	Name	Affiliation	Title
A318 (3rd Floor)	**Contributed Session CS026：Change-Points Detection**			
	Chair	Decai Liang	Nankai University	
	Speaker	Shuhao Jiao	City University of Hong Kong	Filtrated Common Functional Principal Component Analysis of Multi-group Functional Data
	Speaker	Decai Liang	Nankai University	Change-Points Detection and Support Recovery for Spatiotemporal Functional Data
	Speaker	Zhihuang Yang	Yunnan University	Moment Selection and Generalized Empirical Likelihood Estimation in High-Dimensional Unconditional Moment Conditions
	Speaker	Shanshan Qin	Tianjin University of Finance and Economics	On Robust Estimation of Hidden Semi-Markov Regime-Switching Models
	Speaker	Likun Zhang	Renmin University of China	Interaction Tests with Covariate-Adaptive Randomization
A322 (3rd Floor)	**Contributed Session CS027：Nonparametric Statistical Inference**			
	Chair	Jiyuan Tu	Shanghai University of Finance and Economics	
	Speaker	Sisheng Liu	Hunan Normal University	Nonparametric Estimation of Regression Function and Error Covariance Function with Unknown Correlation Structure
	Speaker	Fengsheng Wu	Yunnan University	Complex Representation Matrix of Third-Order Quaternion Tensors with Application to Video Inpainting
	Speaker	Jiyuan Tu	Shanghai University of Finance and Economics	Generalized Rank Regression with Multiplier Bootstrap
	Speaker	Gen Ye	Yunnan University	Bayesian Generalized Method of Moments Inference for Clustered Samples with Missing Values
	Speaker	Lijun Meng	Xinjiang University Of Finance	Bayesian INLA estimation and application of generalized VCSA model 广义VCSA模型的Bayesian-INLA估计及应用
B601 (3rd Floor)	**Contributed Session CS028：Recent Advances in Large-Scale Data**			
	Chair	Shaoping Jiang	Yunnan Minzu University	
	Speaker	Miaomiao Su	Beijing University of Posts and Telecommunications	Moment-Assisted Subsampling Method for Maximum Likelihood Estimator with Large-Scale Data
	Speaker	Shuyuan Wu	Shanghai University of Finance and Economics	Subsampling and Jackknifing: A Practically Convenient Solution for Large Data Analysis with Limited Computational Resources
	Speaker	Rong Zhang	Yunnan University	A Case Study on the Share Holder Network Effect of Stock Market Data: An SARMA Approach
	Speaker	Shaoping Jiang	Yunnan Minzu University	Study on Fractional Random Drug-Resistant Tuberculosis Kinetic Model 分数阶随机耐药结核病动力学模型研究
	Speaker	Yan Zeng	Beijing Technology and Business University	Causality Inspired Policy Learning

Room	Character	Name	Affiliation	Title
B603 **(3rd Floor)**	Contributed Session CS029: Interdisciplinary and Applied Research: Statistical Analysis on Medical and Economic Data			
	Chair	Jia Liu	Inner Mongolia Finance And Economics College	
	Speaker	Haojin Zhou	Xi'an Jiaotong-liverpool University	Dual Cox Model Theory and Its Application in Oncology Research 对偶Cox模型理论及其在肿瘤学研究的应用
	Speaker	Haiyun Zhang	Yunnan University	A Study on the Light Variation of Active Galactic Nuclei Based on Probability Theory and Statistical Methods 基于概率论统计方法对活动星系核光变的研究
	Speaker	Zeqiang Linli	Guangdong University Of Foreign Studies	Static and Dynamic Connectivity Patterns of White Matter Functional Networks in the Adult Life Cycle 成人生命周期中白质功能网络的静态和动态连通模式
	Speaker	Jia Liu	Inner Mongolia Finance And Economics College	The Direct Impact and Spatial Effect of Digital Economy Driving Rural Residents' Service Consumption under the Background of Rural Revitalization 乡村振兴背景下数字经济驱动农村居民服务消费的直接影响和空间效应
	Speaker	Yinghuai Yi	Tsinghua University	Inference for ARMA time series with mildly varying trend
B606 **(3rd Floor)**	Contributed Session CS030: Statistical Modeling and Its Applications			
	Chair	Bing Guo	Sichuan University	
	Speaker	Jun Zhao	Ningbo University	MLEce: Statistical Inference for Asymptotically Efficient Closed-Form Estimators in R
	Speaker	Zhentao Shi	Chinese University of Hong Kong	Economic Forecasts Using Many Noises
	Speaker	Bing Guo	Sichuan University	Standard Representation of Order of Addition Design and Rapid Isomorphism Comparison
	Speaker	Fangda Song	The Chinese University of Hong Kong (Shenzhen)	Survival Mixed Membership Block model
	Speaker	Xiaobo Wang	Yunnan University	Expectile Regression with Covariate Measurement Errors

14 July, 10:30-12:10

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS038: New Statistical Methods for Complex Imaging and Genetics Data**			
	Organizer	Fang Yao	Peking University	
	Chair	Xi Luo	University of Texas Health Science Center at Houston	
	Speaker	Zhengwu Zhang	UNC Chapel Hill	Cortical Surface Alignment Based on Continuous Structural Connectivity
	Speaker	Qianchuan He	Public Health Sciences Division, Fred Hutch	TCRpred: Incorporating T-Cell Receptor Repertoire for Clinical Outcome Prediction
	Speaker	Haochang Shou	University of Pennsylvania	Brain Aging Chart for understanding Complex Aging Process via Multimodal Data Integration
	Speaker	Di Wu	University of North Carolina, Chapel Hill	LP-Micro: Explainable Longitudinal Prediction Using Machine Learning Methods on Disease Outcomes From Microbiome Data
A201-202 (2nd Floor)	**Invited Session IS035: Network Analysis and Cluster Analysis**			
	Organizer	Anderson Zhang	University of Pennsylvania	
	Chair	Anderson Zhang	University of Pennsylvania	
	Speaker	Zongming Ma	Yale University	Multi-modal Data Integration via Orchestrated Approximate Message Passing
	Speaker	MInh Tang	North Carolina State University	Eigenvectors Fluctuations and Limit Results for Graphon Estimation
	Speaker	Kaizheng Wang	Columbia University	Pseudo-labeling for Kernel Ridge Regression under Covariate Shift
A216-217 (2nd Floor)	**Invited Session IS014: Dynamic and Reinforcement Learning**			
	Organizer	Jialiang Li	National University of Singapore	
	Chair	Yaguang Li	University of Science and Technology of China	
	Speaker	Lu Wang	University of Michigan	Multi-objective Tree-Based Reinforcement Learning for Estimating Tolerant Dynamic Treatment Regimes
	Speaker	Yu Cheng	University of Pittsburgh	Interim Analysis in Sequential Multiple Assignment Randomized Trials for Survival Outcomes
	Speaker	Xingcai Zhou	Nanjing Audit University	Functional Linear Operator Quantile Regression for Sparse Longitudinal Data

Room	Character	Name	Affiliation	Title
A301-302 (3rd Floor)	— **Invited Session IS065: Robust Inference in High-Dimensional Complex Data**			
	Organizer	Zhanrui Cai	University of Hong Kong	
	Chair	Zhanrui Cai	University of Hong Kong	
	Speaker	Xuening Zhu	Fudan University	Two-way Homogeneity Pursuit for Quantile Network Vector Autoregression
	Speaker	Lihua Lei	Stanford University	Bellman Conformal Inference: Calibrating Prediction Intervals for Time Series
	Speaker	Wei Zhong	Xiamen University	Transfer Learning for Spatial Autoregressive Models
	Speaker	Anru Zhang	Duke University	High-Order Singular Value Decomposition in Tensor Analysis
A320-A321 (3rd Floor)	**Invited Session IS034: Modern Statistical Methods for Causal Inference**			
	Organizer	Jae-Kwang Kim	Iowa State University	
	Chair	Wang Miao	Peking University	
	Speaker	Shu Yang	North Carolina State University	Multiply Robust Off-Policy Evaluation and Learning under Truncation by Death
	Speaker	Cindy Yu	Iowa State University	Combining Probability and Non-probability Samples Using Semi-parametric Quantile Regression and a Non-parametric Estimator of the Participation Probability
	Speaker	Wei Li	Renmin University of China	Discovery and inference of possibly bi-directional causal relationships with invalid instrumental variables
	Speaker	Jae-Kwang Kim	Iowa State University	Generalized Entropy Calibration for Doubly Robust Estimation under Missing at Random
A203 (2nd Floor)	**Invited Session IS018: Financial Big Data**			
	Organizer	Xinhua Zheng	Hong Kong University of Science and Technology	
	Chair	Xinhua Zheng	Hong Kong University of Science and Technology	
	Speaker	Carsten Chong	Hong Kong University of Science and Technology	The Fine Structure of Volatility Dynamics
	Speaker	Yingying Li	Hong Kong University of Science and Technology	Estimating the Efficient Frontier
	Speaker	Dacheng Xiu	University of Chicago	Can Machines Learn Weak Signals?

Room	Character	Name	Affiliation	Title
A218 (2nd Floor)		**Invited Session IS069: Statistical Inference Beyond Euclidean Spaces**		
	Organizer	Xueqin Wang	University of Science and Technology of China	
	Chair	Xueqin Wang	University of Science and Technology of China	
	Speaker	Rouling Wang	East China Normal University	Multiple Sample Studentized Tests：Random-Lifter Approach
	Speaker	Yanqing Zhang	Yunnan University	Variational Bayesian Logistic Tensor Regression with Application in Image Recognition
	Speaker	Hui Huang	Renmin University of China	Functional Clustering for Longitudinal Associations between Social Determinants of Health and Stroke Mortality in the US
	Speaker	Baisuo Jin	University of Science and Technology of China	Multiple Threshold Detection and Subgroup Identification
A303 (3rd Floor)		**Invited Session IS041: Omics and Big Data in Medical Research（组学与医学大数据）**		
	Organizer	Feng Chen	Nanjing Medical University	
	Chair	Feng Chen	Nanjing Medical University	
	Speaker	Jian Yang	Westlake University	Deconvoluting Cell State Distribution From Bulk RNA-Seq Data
	Speaker	Zhongshang Yuan	Shandong University	Conditional Transcriptome-Wide Association Study for Fine-Mapping Candidate Causal Genes
	Speaker	Guoqing Hu	Zhongnan Universiity	Statistical Inference on Road Traffic Injury Based on the Media Data 基于媒体报道的道路交通伤害伤亡数据的统计推断
	Speaker	Yang Zhao	Nanjing Medical University	A Study of Confounder Adjusting Methods in ITE Estimation Bsed on CF under High Dimensions
A305 (3rd Floor)		**Invited Session IS042: Optimality Consideration in Modern Statistical Inference**		
	Organizer	Arlene Kim	Korea University	
	Chair	Arlene Kim	Korea University	
	Speaker	Tengyao Wang	London School of Economics and Political Science	Residual Permutation Test for High-Dimensional Regression Coefficient Testing
	Speaker	Lucy Xia	Hong Kong University of Science and Technology	Inference for Changing Periodicity, Smooth Trend and Covariate Effects in Nonstationary Time Series
	Speaker	Danning Li	Northeast Normal University	Community Extraction of Network Data under Stochastic Block Models

Room	Character	Name	Affiliation	Title
A306 (3rd Floor)	**Invited Session IS043: Panel Data and Microeconometrics**			
	Organizer	Zhijie Xiao	Boston College	
	Chair	Zhijie Xiao	Boston College	
	Speaker	Yulong Wang	Syracuse University	On the Inconsistency of Cluster-Robust Inference and How Subsampling Can Fix It
	Speaker	Xun Lu	Chinese University of Hong Kong	Three-Dimensional Heterogeneous Panel Data Models with Multi-level Interactive Fixed Effects
	Speaker	Zhonghua Liu	Columbia University	DeepMed: Semiparametric Causal Mediation Analysis with Debiased Deep Learning
	Speaker	Haiqi Li	Hunan University	Smoothed Quantile Regression for Panel Data with Mixed Group Structure
A307 (3rd Floor)	**Invited Session IS039: Nonlinear Probability and Statistics for Machine Learning**			
	Organizer	Zengjing Chen	Shandong University	
	Chair	Zengjing Chen	Shandong University	
	Speaker	Xiaodong Yan	Shandong University	Strategic Statistical Learning 策略统计学习
	Speaker	Guodong Zhang	Shandong University	Nonlinear Central Limit Theorem for the Gambling Machine Problem 赌博机问题的非线性极限定理
	Speaker	Chengzhi Xing	Shandong University	Application of Quantum Technology in Reinforcement Learning 量子技术在强化学习中的应用
	Speaker	Yongsheng Song	Chinese Academy of Sciences	Strong Law of Number and Ergodic Properties under Sublinear Expectation 次线性期望下的强大数定律与遍历性
A308 (3rd Floor)	**Invited Session IS010: Data Privacy and Statistical Modeling**			
	Organizer	Zhigang Li	University of Florida	
	Chair	Qing Lu	University of Florida	
	Speaker	Samuel Wu	University of Florida	Learning From Vertically Distributed Data Across Multiple Sites: An Efficient Privacy-Preserving Algorithm for Cox Proportional Hazards Model with Variable Selection
	Speaker	Guogen Shan	University of Florida	New Composite Score to Detect Disease Progression in Alzheimer's Disease
	Speaker	Adam Ding	Northeastern University	Differentially Private Data Collection with Matrix Masking
	Speaker	Zhigang Li	University of Florida	Joint Modeling in Presence of Informative Censoring on the Retrospective Time Scale with Application to Palliative Care Research

Room	Character	Name	Affiliation	Title
A315 (3rd Floor)	**Invited Session IS058: Recent Development in Complex Data Analysis**			
	Organizer	Chinese Association for Industrial Statistics Teaching		
	Chair	Xin He	Shanghai University of Finance and Economics	
	Speaker	Xin Bing	University of Toronto	Linear Discriminant Regularized Regression
	Speaker	Haoran Li	Auburn University	Tracy-Widom Law of Ridge-Regularized F-Matrix and Applications
	Speaker	Yaqing Chen	Rutgers University	Gradient Synchronization for Multivariate Functional Data, with Application to Brain Connectivity
	Speaker	Lvou Zhang	Shanghai University of Finance and Economics	High-Dimensional Latent Semiparametric Mixture Model for Clustering Large Non-gaussian Data
A316 (3rd Floor)	**Invited Session IS061: Recent Developments in Conformal Inference and Causal Inference**			
	Organizer	Wenguang Sun	Zhejiang University	
	Chair	Wenguang Sun	Zhejiang University	
	Speaker	Zijun Gao	University of Southern California	An Adaptive Null Proportion Estimator for False Discovery Rate Control
	Speaker	Jing Lei	Carnegie Mellon University	Conformal Inference, Covariate Shift, and De-biased Two-Sample U-Statistics
	Speaker	Zinan Zhao	Zhejiang University	False Discovery Rate Control for Structured Multiple Testing: Asymmetric Rules and Conformal Q-values
	Speaker	Zhimei Ren	University of Pennsylvania	Confidence on the Focal: Conformal Prediction with Selection-Conditional Coverage
A317 (3rd Floor)	**Contributed Session CS031: Advance in Statistical Methods for Large and Complex Data**			
	Chair	Changcheng Li	Dalian University Of Technology	
	Speaker	Changcheng Li	Dalian University Of Technology	A New Model Free High-Dimensional Variable Selection Method 一种新的免模型高维变量选择方法
	Speaker	Wei Liu	Sichuan University	Probabilistic Embedding, Clustering, and Alignment for Integrating Spatial Transcriptomics Data with PRECAST
	Speaker	Yan Fu	Chinese Academy of Sciences	Local False Discovery Rate Estimation with Competition-Based Procedures for Variable Selection
	Speaker	Qiang Chen	Sahndong University	Placebo Tests for Difference-in-Differences
	Speaker	Fukang Zhu	Jilin University	Tobit Models for Count Time Series

Room	Character	Name	Affiliation	Title
Contributed Session CS032：Complex Data Analysis				
A318 (3rd Floor)	Chair	Anming Tang	Yunnan University	
	Speaker	Anming Tang	Yunnan University	Bayesian Semiparametric Joint Model of Multivariate Longitudinal and Survival Data with Dependent Censoring
	Speaker	Ximing Xu	Children's Hospital of Chongqing Medical University	Construction and Evaluation of Pediatric Big Language Model 儿科大语言模型的构建与评估
	Speaker	Jiashun Xiao	Shenzhen Research Institute of Big Data	Improving Cell-Type-Specific Cis-EQTLs Prioritization by Integrating Bulk RNA-Seq and ScRNA-Seq Data
	Speaker	Huaying Fang	Capital Normal University	Gmcoda: Graphical Model for Multiple Compositional Vectors in Microbiome Studies
	Speaker	Bo Han	Yunnan University	Real-Time Inference for Streaming Survival Data from Multiple Heterogeneous Studies with a Cure Fraction
Contributed Session CS033：Statistical Modeling and Application of Complex Data				
A322 (3rd Floor)	Chair	Yuehan Yang	Central University of Finance and Economics	
	Speaker	Xiaoning Wang	Communication University Of China	Integration Problem of Probability and Non Probability Samples Based on Large-Scale Interpolation 基于大规模插补的概率与非概率样本的整合问题
	Speaker	Cong Li	Jilin University	Monitoring and Application of Several Types of Binary Integer Time Series Models 几类二元整数值时间序列模型的监控及其应用
	Speaker	Yunqi Zhang	Yunnan University	Equivalence Assessment via the Difference Between Two AUCs in a Matched-Pair Design with Nonignorable Missing Endpoints
	Speaker	Youquan Pei	Shandong University	Modeling Cluster Dynamics in Panel Data via Time-Varying Mixture Models
	Speaker	Yuehan Yang	Central University of Finance and Economics	Dimension Reduction of High-Dimension Categorical Data with Two or Multiple Responses Considering Interactions Between Responses
Contributed Session CS034：Statistical Applications in Interdisciplinary Research				
B601 (3rd Floor)	Chair	Zhenguo Gao	Shanghai Jiao Tong University	
	Speaker	Zhenguo Gao	Shanghai Jiao Tong University	Ensemble LDA via the Modified Cholesky Decomposition
	Speaker	Yao Rong	Yunnan University	4D Trajectory Modeling and Prediction Based on Conditional Markov Process 基于条件式马尔可夫过程的4D航迹建模与预测
	Speaker	Yicheng Zeng	Shenzhen Research Institute of Big Data	Signal Plus Noise Models in the Log Proportional Regime: When Does Debiasing Help?
	Speaker	Mengjiao Tang	Yunnan University	Riemann Lp Centroid for Estimating Divergence Matrix under Complex Ellipsoidal Distribution 复椭球分布下散度矩阵估计的黎曼Lp质心
	Speaker	Yanming Di	Oregon State University	Innovating Grass Seed Sampling and Analysis with AI and Robotics

Room	Character	Name	Affiliation	Title
B603 (3rd Floor)	**Contributed Session CS035：Model Averaging/Cross Disciplinary Research in Statistics**			
	Chair	Jing Lv	Southwest University	
	Speaker	Hua Li	Chang Chun University	Spectrally-Corrected and Regularized LDA for Spiked Model
	Speaker	Ying Yang	Yunnan University	Synchronization of Delayed Neural Networks via Intermittent Sampled-Data Control
	Speaker	Zhenghui Feng	Harbin Institute of Technology (Shenzhen)	Robust Probabilistic Principal Component Analysis with Mixture of Exponential Power Distributions
	Speaker	Qing Li	Iowa State University	Evaluating Distortion Between as-Designed and as-Duilt Geometries From a Superposition of Resonant Mode Shapes
	Speaker	Jing Lv	Southwest University	Optimal Conditional Quantile Prediction via Model Averaging of Partially Linear Additive Models
B606 (3rd Floor)	**Contributed Session CS036：Feature Screening and High Dimensional Data**			
	Chair	Wei Liang	Xiamen University	
	Speaker	Bing Tian	Xiamen University	Feature Screening for Metric Space Valued Responses Based on Fr\'echet Regression
	Speaker	Jiajun Sun	Xiamen University	Stability eBH: A Unified Stability Approach to False Discovery Rate Control
	Speaker	Shaohua Xu	Nakai University	Robust Online Control Experiments for Multivariate Tests
	Speaker	Tianyu Xie	Peking University	ARTree: A Deep Autoregressive Model for Phylogenetic Inference
	Speaker	Ziqian Lin	Peking University	Profiled Transfer Learning for High Dimensional Linear Model

14 July, 14:00-15:40

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS032: Model-Agnostic Statistical Inference**			
	Organizer	Changliang Zou	Nankai University	
	Chair	Lilun Du	City University of Hong Kong	
	Speaker	Lilun Du	City University of Hong Kong	Multiple Testing of Linear Forms for Noisy Matrix Completion
	Speaker	Yajie Bao	Shanghai Jiao Tong University	CAP: A General Algorithm for Online Selective Conformal Prediction with FCR Control
	Speaker	Haojie Ren	Shanghai Jiao tong University	Real-Time Selection under General Constraints via Predictive Inference
	Speaker	Guanghui Wang	East China Normal University	Algorithm-Agnostic Inference After Change Point Detection
A201-202 (2nd Floor)	**Invited Session IS089: Statistical Research on the Digital Economy and its Impact (数字经济及其影响的统计研究)**			
	Organizer	Xiuying Ma	Jilin University of Finance and Economics	
	Chair	Xiuying Ma	Jilin University of Finance and Economics	
	Speaker	Yafei Wang	Beijing Normal University	Compilation Methods for Input-Output Tables in the Digital Economy 数字经济投入产出表编制方法
	Speaker	Gang Peng	Southwestern University of Finance and Economics	Internet Usage and Economic Resilience of Low-Income Households 互联网使用与低收入群体家庭经济韧性
	Speaker	Meihui Zhang	Shandong University of Finance and Economics	International Progress and Implications of Research on Statistical Measurement of the Digital Economy 数字经济统计测度的国际进展及对中国的启示
	Speaker	Guorong Li	Jilin University of Finance and Economics	Analysis of Industrial Correlation Effect of Digital Economy in Northeast China 东北地区数字经济产业关联效应分析
A216-217 (2nd Floor)	**Invited Session IS046: Recent Advances in Causal Inference**			
	Organizer	Zijian Guo	Rutgers University	
	Chair	Zijian Guo	Rutgers University	
	Speaker	Zhenyu Wang	Rutgers University	Principled Random Forests: Uncertainty Quantification for Tree Structure Models with Robustness to Stratification Errors
	Speaker	Xinwei Shen	Swiss Federal Institute of Technology Zurich	Engression: Extrapolation for Nonlinear Regression?
	Speaker	Matteo Bonvini	Rutgers University	On the Possibility of Doubly-Robust Root-n Inference
	Speaker	Yuhao Wang	Tsinghua University	Long-Term Causal Inference under Persistent Confounding via Data Combination

Room	Character	Name	Affiliation	Title
A301-302 (3rd Floor)		**Invited Session IS093: Mathematical Foundations in AI**		
	Organizer	Qian Lin	Tsinghua University	
	Chair	Qian Lin	Tsinghua University	
	Speaker	Pengkun Yang	Tsinghua University	Two Phases of Scaling Laws for Nearest Neighbor Classifiers
	Speaker	Cong Fang	Peking University	Accelerated Gradient Algorithms with Adaptive Subspace Search for Instance-faster Optimization 实例更快的加速梯度下降算法
	Speaker	Wenjia Wang	Hong Kong University of Science and Technology (Guangzhou)	Constrained Policy Optimization with Explicit Behavior Density for Offline Reinforcement Learning
	Speaker	Yong Liu	Renmin University of China	Understanding the In-context Learning Capabilities of Large Language Models
A320-A321 (3rd Floor)		**Invited Session IS059: Recent Developments in Causal Learning（因果学习最新进展）**		
	Organizer	Huazhen Lin	Southwestern University of Finance and Economics	
	Chair	Huazhen Lin	Southwestern University of Finance and Economics	
	Speaker	Zhichao Jiang	Sun Yat-sen University	Principal Stratification with Continuous Post-treatment Variables: Nonparametric Identification and Semiparametric Estimation
	Speaker	Wang Miao	Peking University	Extreme-based causal effect learning (EXCEL) with unmeasured light-tailed confounding
	Speaker	Anqi Zhao	Duke University	Covariate Adjustment in Randomized Experiments with Missing Outcomes and Covariates
	Speaker	Peng Ding	University of California, Berkeley	Flexible Sensitivity Analysis for Causal Inference in Observational Studies Subject to Unmeasured Confounding
A203 (2nd Floor)		**Invited Session IS030: Large-Scale Inference and Private Statistical Analysis**		
	Organizer	Qihua Wang	Chinese Academy of Sciences	
	Chair	Qihua Wang	Chinese Academy of Sciences	
	Speaker	Wenguang Sun	Zhejiang University	A Distribution-Free Empirical Bayes Approach to Multiple Testing with Side Information
	Speaker	Ying Sheng	Chinese Academy of Sciences	Evidence Transportation with Aggregate Summary Information
	Speaker	Sai Li	Renmin University of China	Learning Invariant Representations for Algorithmic Fairness and Domain Generalization with Minimax Optimality
	Speaker	Xu Guo	Beijing Normal University	Model-free Variable Importance Testing with Machine Learning Methods

Room	Character	Name	Affiliation	Title
Invited Session IS068: Statistical Applications in Behavioral Decision and Behavioral Experiments(统计学在行为决策及行为实验中的应用）				
A218 (2nd Floor)	Organizer	Lei Shi	Yunnan University of Finance and Economics	
	Chair	Lei Shi	Yunnan University of Finance and Economics	
	Speaker	Danyang Jia	Tsinghua University	The Symbiosis of Prosocial Behavior and Network Groups 亲社会行为与网络群体的共生性
	Speaker	Xiaogang Li	Yunnan University of Finance and Economics	Inequality Shapes Strategies in the Infinite Repeated Prisoner's Dilemma Games
	Speaker	Chao Gao	Northwestern Polytechnical University	Research on Traceability of Social Network Communication 社交网络传播溯源研究
	Speaker	Wenchen Liu	Shanghai Lixin University of Accounting and Finance	A New Framework for the Study of Multi-label Classification
Invited Session IS074: Statistical Learning for Complex and Challenging Data				
A303 (3rd Floor)	Organizer	Jianxin Pan	Beijing Normal University	
	Chair	Jianxin Pan	Beijing Normal University	
	Speaker	Haiming Lin	Guangzhou Huashang College	Unique Solution and Significance Test of Solution in Factor Analysis
	Speaker	Yating Pan	Yunnan University of Finance and Economics	Growth Curve Mixture Model with Toeplitz Structured Covariance
	Speaker	Qingtai Xiao	Kunming University of Science and Technology	Modeling Heat Transfer Properties in an ORC Direct Contact Evaporator Using RBF Neural Network Combined with EMD
	Speaker	Renwen Luo	BNU-HKBU United International College	Joint Mean-Angle Model for Spatial Binary Data
Invited Session IS081: Theory, Method and Application for Major Problems in Statistical Modernization of China				
A305 (3rd Floor)	Organizer	Yanyun Zhao	Renmin University of China	
	Chair	Yanyun Zhao	Renmin University of China	
	Speaker	Xinhong Yang	Statistics Bureau of Guangdong Province	Path Selection for Achieving "One Network" Economic Statistical Accounting From the Source of Methodology, System, and Technology Application 从方法制度与技术应用源头实现经济统计核算"一网统"的路径选择
	Speaker	Xiang Li	Beijing Union University	Research on Modernization and Innovation in Cultural and Tourism Statistics 文化和旅游业统计现代化发展问题与创新研究
	Speaker	Xiaobin Tang	University of International Business and Economics	Measurement, Identification and Response Mechanism of China's Economic Growth Risk under High Dimensional Data 高维数据下中国经济增长风险的测度、识别与应对机制
	Speaker	Jingping Li	Renmin University of China	Literature Review and Development Prospect of Economic Statistics Papers 经济统计论文文献评析及发展展望

Room	Character	Name	Affiliation	Title
A306 (3rd Floor)	**Invited Session IS084: (Statistical Modeling and Inference of High-Dimensional Complex Data) 高维复杂数据的统计建模与推断**			
	Organizer	Chinese Association for Industrial Statistics Teaching		
	Chair	Qianqian Zhu	Shanghai University of Finance and Economics	
	Speaker	Yi Ding	University of Macau	High-dimensional Covariance Matrix Estimation under Dynamic Volatility Models: Asymptotics and Shrinkage Estimation
	Speaker	Zeng Li	Southern University of Science and Technology	Robust Estimation of Number of Factors in High Dimensional Factor Modeling via Spearman's Rank Correlation Matrix
	Speaker	Wenyu Li	Hong Kong University	An Efficient Multivariate Volatility Model for Many Assets
	Speaker	Long Yu	Shanghai University of Finance and Economics	Online Change-Point Detection for Matrix-Valued Time Series with Latent Two-Way Factor Structure
A307 (3rd Floor)	**Contributed Session CS005：Recent Advances in Bayesian Anlysis**			
	Chair	Shuying Wang	Changchun University of Technology	
	Speaker	Wenting Liu	Yunnan University	Variational Bayesian Approach for Analyzing Interval-Censored data under the Proportional Hazards Model
	Speaker	Zhexin Lu	Changchun University of Technology	Bayesian Analysis of Partial Functional Linear Additive Regression Model for Censored Data Based on Heavy-Tailed Distributions
	Speaker	Yian Yu	Southern University of Science and Technology	Bayesian Regression Analysis for Elliptical Dependent Variables
	Speaker	Ziyu Xiong	Peking university	Emotions Heard: Unveiling the Influence of Broadcasters' Emotional Dynamics and Gender on Live Streaming Conversion
	Speaker	Yimang Zhang	Southern University of Science and Technology	Bayesian analysis of Nonlinear Structured Latent Factor Models Using a Gaussian Process Prior
A315 (3rd Floor)	**Contributed Session CS037：Recent Advances in Quantile Regression**			
	Chair	Xiaohui Liu	Jiangxi University of Finance and Economics	
	Speaker	Chaohui Guo	Chong Qing Normal University	Model Averaging based Semiparametric Modelling for Conditional Quantile Prediction
	Speaker	Xiaohui Liu	Jiangxi University of Finance and Economics	Bootstrapping the Double-Weighted Predictability Test for Predictive Quantile Regression
	Speaker	Zhiming Li	Xinjiang University	Recent Developments of A General Minimum Lower-Order Confounding Criterion
	Speaker	Falong Tan	Hunan University	Enhancing the Power of OOD Detection via Sample-Aware Model Selection
	Speaker	Rong Jiang	Shanghai Polytechnic University	Unconditional Quantile Regression for Streaming Data Sets

Room	Character	Name	Affiliation	Title
Contributed Session CS038：Advance in Statistical Methods for Complex Data				
A316 (3rd Floor)	Chair	Peng Sun	Shanghai University of Finance and Economics	
	Speaker	Chao Wang	Shanghai University of Finance and Economics	On the Target-Kernel Alignment: a Unified Analysis with Kernel Complexity
	Speaker	Peiwen Jia	Peking University	Smooth Tests for the Equality of Conditional Distributions
	Speaker	Qingyi Pan	Tsinghua University	Reliable Multivariate Deep Regression using Moment-Matching Prior Networks
	Speaker	Zichu Fu	Tsinghua University	Inference of Heterogeneous Effects in Single-cell Genetic Perturbation Screens
	Speaker	Yuting Zhou	Shanghai University of Engineering Science	Estimation of Production Frontiers Based on Additive Models to Enhanced Robustness against Outliers: A Relaxed Support Vector Regression Approach
Contributed Session CS039：Advance in Missing Data and Treatment Effects				
A317 (3rd Floor)	Chair	Yibo Yan	East China Normal University	
	Speaker	Tao Tan	East China Normal University	Semiparametric Estimation with Reduced Dimension for the Treatment Effect under Missing Data
	Speaker	Jin Su	East China Normal University	Semi-Supervised Inference for Means under MAR without Inverse Propensity Weighting
	Speaker	Zhisong Zhao	East China Normal University	Improving the Efficiency of Estimating Treatment Effects with External Control Data
	Speaker	Xiaoqi Jiao	East China Normal University	Smoothed Estimation on Optimal Treatment Regime under Semi-supervised Setting in Randomized Trials
	Speaker	Wenjie Hu	Peking University	Semiparametric Efficient Fusion of Individual and Summary Data
Contributed Session CS040：Bayesian and Machine Learning				
A318 (3rd Floor)	Chair	Qixian Zhong	Xiamen University	
	Speaker	Yuting Huang	Lanzhou University of Finance and Economics	Construction and Application of Quantile Factor Augmented Quantile Regression Neural Network Model
	Speaker	Zhihua Ma	Shenzhen University	Bayesian Modeling and Inference for Item Response Model with Nonignorable Missing Data
	Speaker	Qixian Zhong	Xiamen University	Hypothesis Testing for the Deep Cox Model
	Speaker	Dingjiao Cai	Henan University of Economics and Law	Testing Causal Effects in Observational Survival Data using Propensity Score Matching Design
	Speaker	Lidan He	Nanjing University of Information Science and Technology	Combining Dimensionality Reduction Methods with Neural Networks for Realized Volatility Forecasting

Room	Character	Name	Affiliation	Title
A322 (3rd Floor)	**Contributed Session CS041：Biostatistics and Industrial Statistics**			
	Chair	Lijun Meng	Xinjiang University of Finance	
	Speaker	Nengjie Zhu	Shanghai Jiao Tong University	Multidimensional Study on Systematic Financial Risk Measurement and Infectious Effects 系统性金融风险测度与传染效应多维研究
	Speaker	Cheng Shi	Chengdu University of Technology	Fault Diagnosis of Rolling Bearings based on WOA-ART and Improved DenseNet 基于 WOA-ART 和改进的 DenseNet 的滚动轴承故障诊断
	Speaker	Zhixin He	Xinjiang University Of Finance	Economic Policy Uncertainty, Systemic Financial Risks, and High-Quality Economic Development 经济政策不确定性、系统性金融风险与经济高质量发展
	Speaker	Ruoyu Yao	Shanghai University of Engineering Science	Research on Patent Value Evaluation Based on Entity Recognition 基于实体识别的专利价值评估研究
B601 (3rd Floor)	**Contributed Session CS042：Bayesian and Nonparametric Statistical Inferences**			
	Chair	Mingan Yang	University of New Mexico	
	Speaker	Richard Grumitt	Tsinghua University	Flow Annealed Kalman Inversion with Sequential Monte Carlo for Gradient-Free Bayesian Inference
	Speaker	Yu Zhao	Tokyo university of science	A Tree-Based Method for Bootstrapping in Data Envelopment Analysis
	Speaker	Tom Binnie	Tsinghua University	Statatistical Summaries for Bayesian Analysis in EoR Science
	Speaker	Mingan Yang	University of New Mexico	Bayesian Test Equality of Binary Data for a 4×4 Crossover Trial under a Latin-Square Design
	Speaker	Jeffrey Kwan	University of New South Wales	Asymptotic Inference Theory of the Hawkes Process with Time-Varying Baseline Intensity and a General Excitation Kernel
B603 (3rd Floor)	**Contributed Session CS043：Recent Advances in Differentially Private and Complex Data Model**			
	Chair	Songshan Yang	Renmin University of China	
	Speaker	Yilin Li	Peking university	Causal Inference in Randomized Experiments for Dyadic Data
	Speaker	Yuheng Ma	Renmin University of China	Optimal Locally Private Nonparametric Classification with Public Data
	Speaker	Dan Zhuang	Fujian Normal University	A Data-Driven Weighted Combination Approach for Wind Speed Distribution Estimation Based on Curve Clustering
	Speaker	Xiaoyu Hu	National University of Singapore	Two-Sample Distribution Tests in High Dimensions via Max-Sliced Wasserstein Distance and Bootstrapping
	Speaker	Yaxuan Wang	Sichuan University	Differentially Private Top-k Selection and Its Application

Room	Character	Name	Affiliation	Title
B606 (3ʳᵈ Floor)	**Contributed Session CS044：Complex Data Model**			
	Chair	Jingru Zhang	Fudan University	
	Speaker	Xuejun Ma	Soochow University	Distributed Linear Regression with Compositional Covariates
	Speaker	Lixin Tao	Capital Medical University	A Study on the Causal Relationship Between Abnormal Renal Function Indicators and the Occurrence of Carotid Artery Plaques 肾功能指标异常与颈动脉斑块发生的因果关联研究
	Speaker	Jingru Zhang	Fudan University	Integration of Longitudinal Physical Activity Data from Multiple Sources
	Speaker	Wei Zhao	Shandong University	Transfer Learning Accounting for Time-Varying Heterogeneity in Mixture Cox Model
	Speaker	Yankun Gong	Pfizer	How to Analyze Adverse Events Data from Different Trials to Support A New Drug Application

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14 July, 16:00-17:40

Room	Character	Name	Affiliation	Title
玉兰厅 /Yulan Hall (1st Floor)	**Invited Session IS056: Recent Advances in Statistical Network Analysis - Methodology and Applications**			
	Organizer	Ji Zhu	University of Michigan	
	Chair	Yunpeng Zhao	Colorado State University	
	Speaker	Binyan Jiang	Hong Kong Polytechnic University	Autoregressive Networks: Node Heterogeneity, Homophily, and Beyond
	Speaker	Xiaoyue Maggie Niu	The Pennsylvania State University	A Sparse Latent Space Model for Text Network
	Speaker	Rui Pan	Central University of Finance and Economics	A Latent Space Model for Weighted Keyword Co-occurrence Networks with Applications in Knowledge Discovery in Statistics
	Speaker	Ting Yan	Central China Normal University	Semiparametric Analysis of Directed Network Formations
A201-202 (2nd Floor)	**Invited Session IS055: Recent Advances in Statistical Machine Learning: Theory and Applications**			
	Organizer	Rong Ma	Harvard University	
	Chair	Rong Ma	Harvard University	
	Speaker	Junwei Lu	Harvard University	Ranking Inference for Human Feedback Tuning in LargeLanguage Models
	Speaker	Yiqiao Zhong	University of Wisconsin-Madison	A Statistical Perspective of LLMs: Geometry of Embeddings in Transformers
	Speaker	Anderson Zhang	University of Pennsylvania	Tightness of SDP and Burer-Monteiro Factorization for Phase Synchronization in High Noise Regime
	Speaker	Shuangning Li	University of Chicago	Dyadic Reinforcement Learning
A216-217 (2nd Floor)	**Invited Session IS044: Progress in Best Subset Selection**			
	Organizer	Xueqin Wang	University of Science and Technology of China	
	Chair	Xueqin Wang	University of Science and Technology of China	
	Speaker	Junxian Zhu	Sun Yat-sen University	Best-Subset Selection in Generalized Linear Models: A Fast and Consistent Algorithm via Splicing Technique
	Speaker	Yanhang Zhang	Renmin University of China	Minimax Optimal Methods for High-Dimensional Doubly Sparse Linear Regression 高维双稀疏线性回归的极小极大最优方法
	Speaker	Ning Wang	Beijing Normal University	Subset Selection EM Algorithm: Statistical Analysis and Applications
	Speaker	Canhong Wen	University of Science and Technology of China	Simultaneous Dimension Reduction and Variable Selection for Multinomial Logistic Regression

Room	Character	Name	Affiliation	Title
A301-302 (3rd Floor)	**Invited Session IS098: Spatial and Network Econometrics**			
	Organizer	Xingbai Xu	Xiamen University	
	Chair	Xingbai Xu	Xiamen University	
	Speaker	Tuo Liu	Xiamen University	Estimation and Selection of High Order Spatial Autoregressive Models with Adaptive Elastic Net
	Speaker	Wei Lan	Southwest University of Finance and Economics	Testing the Number of Network Communities Using the Eigengap Ratio
	Speaker	Liyao Li	East China Normal University	Dynamic Spatial Panel Data Models with Interactive Fixed Effects: M-Estimation and Inference under Fixed or Relatively Small T
	Speaker	Xingbai Xu	Xiamen University	Applications of Functional Dependence to Spatial Econometrics
A320-A321 (3rd Floor)	**Invited Session IS100: Doctoral Dissertation in Statistical Machine Learning**			
	Organizer	Zhihua Zhang	Peking University	
	Chair	Zhihua Zhang	Peking University	
	Speaker	Yuze Han	Peking University	Decoupled Convergence of Two-Time-Scale Stochastic Approximation
	Speaker	Liangyu Zhang	Peking University	Trustworthy Reinforcement Learning: Safety Constraints and Uncertainty Quantification
	Speaker	Jia Gu	Peking University	Distributed Statistical Inference under Heterogeneity
A203 (2nd Floor)	**Invited Session IS064: Research on the Statistics and Development of Networked Economic and Social Systems in the Context of Digital Intelligence Technology**			
	Organizer	Yanyun Zhao	Renmin University of China	
	Chair	Yanyun Zhao	Renmin University of China	
	Speaker	Liping Yu	Zhejiang Gongshang University	Research on the Construction of Theoretical Framework of Intelligent Academic Evaluation 智能学术评价的理论框架构建研究
	Speaker	Kuangnan Fang	Xiamen University	Government Attention Index for National Governance Modernization with Its Application — Measurement Based on News Text 国家治理现代化政府注意力指数构建及其应用
	Speaker	Zisheng Ouyang	Hunan Normal University	Statistical Analysis Methods and Applications in Financial Networks under the Background of Digital Intelligence 数智化背景下金融网络统计分析方法与应用研究
	Speaker	Guobin Fang	Anhui University of Finance & Economics	Network Statistics of Economic and Social Systems in the Age of Data Intelligence 数智化时代经济社会系统网络统计

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Room	Character	Name	Affiliation	Title
A218 (2nd Floor)	**Invited Session IS086: Business Big Data Analysis and Application (商务大数据分析与应用)**			
	Organizer	Xiuying Ma	Jilin University of Finance and Economics	
	Chair	Xiuying Ma	Jilin University of Finance and Economics	
	Speaker	Shaohui Wu	Harbin Institute of Technology	Streamer Dynamics in Live Streaming Commerce
	Speaker	Liangke Cao	吉林省格远市场调研咨询有限公司	Data-Driven Intelligence: Promoting the Evaluation and Optimization of the Business Environment 数据智能驱动：促进营商环境的评估与优化
	Speaker	Li Zhai	Jilin University of Finance and Economics	Measurement of Node Importance in Social Networks 社会网络中节点的重要性度量
A303 (3rd Floor)	**Invited Session IS088: Special Topic on Data Asset Accounting (数据资产核算专题)**			
	Organizer	Haiqi Lv	National Bureau of Statistics	
	Chair	Haiqi Lv	National Bureau of Statistics	
	Speaker	Jingping Li	Renmin University of China	The Value of Data - Exploratory Measurement Based on Platform Companies 数据的价值--基于平台公司的探索性测算
	Speaker	Xiuhua Xiao; Weiying Ping	Jiangxi University of Finance and Economics	Estimation of Data Asset Value: International Experience and China's Exploration 数据资产价值估算：国际经验与中国探索
	Speaker	Kewei Ma	Shanxi University of Finance and Economics	Research on the Reconstruction of Production Function under Data Asset Accounting 数据资产核算下的生产函数重构问题研究
	Speaker	Kaike Wang; Qiang He	Shandong University of Finance and Economics	How the Capitalization of Data Elements Affects GDP: Theoretical Basis and Real Evidence 数据要素资本化核算何以影响GDP：理论基础与现实证据

Room	Character	Name	Affiliation	Title
A305 (3ʳᵈ Floor)	**Invited Session IS102:**			
	Organizer	Weihua Su	Zhejiang Gongshang University	
	Chair			
	Speaker			
	Speaker			
	Speaker			
	Speaker			
A306 (3ʳᵈ Floor)	**Invited Session IS103:**			
	Organizer	Liangqing Luo	Jiangxi University of Finance and Economics	
	Chair			
	Speaker			
	Speaker			
	Speaker			
	Speaker			
A315 (3ʳᵈ Floor)	**Contributed Session CS045：Bayesian and Casual Inference**			
	Chair	Yingying Zhang	Yunnan University	
	Speaker	Yingying Zhang	Yunnan University	The Empirical Bayes Estimators of the Variance Parameter of the Normal Distribution with a Conjugate Inverse Gamma Prior under Stein's Loss Function
	Speaker	Feng Xie	Beijing Technology and Business University	Local Causal Structure Learning and Causal Effect Estimating in the Presence of Latent Variables
	Speaker	Shaojie Wei	Beijing Technology and Business University	Multiply robust causal inference in the presence of an error-prone treatment
	Speaker	Ruoxu Tan	Tongji University	Causal Effect of Functional Treatment
	Speaker	Jun Wang	Yunnan University	Statistical learning estimation of treatment effect under covariate-adaptive randomization

Room	Character	Name	Affiliation	Title
Contributed Session CS046：Recent Advances in Large Models and Artificial Intelligence （大模型和人工智能的最近研究）				
A316 (3rd Floor)	Chair	廖结义	云南数派数据科技有限公司	
	Speaker	廖结义	云南数派数据科技有限公司	Shupai Big Model Platform (A Large Model Platform Based on Ai Computing Power Management, Helping You Create Private Large Models In 30 Minutes)数派大模型平台（一款基于基于AI算力管理的大模型平台，帮您30分钟创建私有大模型）
	Speaker	高跃东	中国科学院昆明动物研究所	Application Practice and Reflection of Artificial Intelligence Technology in Life Sciences 人工智能技术在生命科学的应用实践及思考
	Speaker	燕晨	中国移动集团研究院	Industry Empowerment Based on the Nine Day Model 基于九天大模型的行业赋能
	Speaker	杨志鹏	华为	Ascending AI Accelerates the Deepening of Artificial Intelligence Towards Reality 昇腾AI加速人工智能走深向实
Contributed Session CS047：Statistical Inference in Complex Data				
A317 (3rd Floor)	Chair	Xingjie Shi	East China Normal University	
	Speaker	Tengdi Zheng	Beijing University of Technology	Accommodating Space Heterogeneity in Geographically Weighted Regression with Group Penalty
	Speaker	Li Wang	Tsinghua University	A Conditional Distribution Function-based Measure for Independence and K-sample Test in Multivariate Data
	Speaker	Wenjing Liu	University of Macau	Copula-Based Nonparametric Estimation of Hellinger Correlation and Distance
	Speaker	Jiangyan Zhao	East China Normal University	Bayesian Optimization via Exact Penalty
	Speaker	Baoqun Chang	Kunming University of Science and Technology	Optimal Model Average Prediction Based on Semi Parametric Mixed Effects Model 基于半参数混合效应模型的最优模型平均预测
Contributed Session CS048：Factor Model and Community Network				
A318 (3rd Floor)	Chair	Xuemei Hu	Chongqing Technology and Business University	
	Speaker	Xuemei Hu	Chongqing Technology and Business University	A Weighted Iterative Projection Estimation Procedure for Robust Tensor Factor Model with Tucker Decomposition
	Speaker	Zai Yang	Xi'an Jiaotong University	Nonasymptotic Performance Analysis of ESPRIT and Spatial-Smoothing ESPRIT
	Speaker	Leping Liu	Tianjin University of Finance and Economics	Statistics, Data Science, and Artificial Intelligence - A Comparative Analysis Based on Quantitative History 统计学、数据科学与人工智能——基于量化历史的比较分析
	Speaker	Yang Jiao	Guizhou University of Finance and Economics	Community Detection in Directed Networks Based on Co-clustering and Node Similarity
	Speaker	Haiming Lin	Guangzhou Huashang College	The Unique Solution of Factor Analysis and the Significance Test of Solutions 因子分析的唯一解与解的显著性检验

Room	Character	Name	Affiliation	Title
A322 (3rd Floor)	**Contributed Session CS049: Bayesian and Machine Learning**			
	Chair	Ziqi Chen	East China Normal University	
	Speaker	Yaohua Rong	Beijing University of Technology	Kernel Cox Partially Linear Regression: Building Predictive Models for Cancer Patients' Survival
	Speaker	Yang Yang	Nankai University	Bayesian Optimization with Pareto-Principled Training for Economical Hyperparameter Optimization
	Speaker	Xiangbin Meng	Northeast Normal University	A Unified EM Framework for Estimation and Inference of Normal Ogive Item Response Models
	Speaker	Zhouping Li	Lanzhou University	A Spatial-Temporal Graph Neural Network Model for Multi-tite Temperature Forecasting
	Speaker	Ziqi Chen	East China Normal University	Enhancing Missing Data Imputation through Combined Bipartite Graph and Complete Directed Graph
B601 (3rd Floor)	**Contributed Session CS050: Mathematical Statistics and Industrial Statistics**			
	Chair	Mingxuan Cai	City University of Hong Kong	
	Speaker	Mingxuan Cai	City University of Hong Kong	Leveraging Cross-Population Fine-Mapping to Strengthen cis-Mendelian Randomization
	Speaker	Xiaojian Xu	Brock University	Planning for Efficient Accelerated Life Testing Experiments
	Speaker	Kaiqiong Zhao	York University	Addressing Dispersion in Mis-measured Multivariate Binomial Outcomes: A Novel Statistical Approach for Detecting Differentially Methylated Regions in Bisulfite Sequencing Data
	Speaker	Jianbin Tan	Duke university	Graphical Principal Component Analysis of Multivariate Functional Time Series
	Speaker	Siying Guo	Wayne State University	Decision Support System of Juvenile Hacking Classification
B603 (3rd Floor)	**Contributed Session CS051: Quantile Regression and Dimension Reduction**			
	Chair	Lilun Du	City University of Hong Kong	
	Speaker	Yicong Mao	Peking University	Tree-guided Compositional Variable Selection Analysis of Microbiome Data
	Speaker	Jiangshan Yang	City University of Hong Kong	Heterogeneous Predictability on Mutual Fund Alphas: A Sparse Clustering GMM Approach
	Speaker	Dongming Huang	National University of Singapore	Sliced Inverse Regression with Large Structural Dimensions
	Speaker	Xuehong Luo	Xiamen University	Estimation of Average Treatment Effect for High-Dimensional Panel Data via Random Forests-Based Variable Selection
	Speaker	Zhe Jiang	Kunming University Of Science And Technology	A Likelihood Function Perspective on Quantile Regression Model

Room	Character	Name	Affiliation	Title
B606 (3rd Floor)	**Contributed Session CS052：Statistical Models and Methods in Economics and Finance**			
	Chair	Haiqing Chen	Nanjing University Of Finance and Economics	
	Speaker	Haiqing Chen	Nanjing University Of Finance and Economics	Earning Rate and Financial Risk Prediction Model Based on Transformer and WGAN 基于Transformer和WGAN的收益率与金融风险预测模型
	Speaker	Ruohua Yan	Beijing children's hospital	An Algorithm to Assess Importance of Predictors in Systematic Review of Prediction Models: A Case Study with Simulations
	Speaker	Siliang Zhang	East China Normal University	Ising Network Analysis with Missing Data
	Speaker	Haili Zhang	Shenzhen Polytechnic University	Least Squares Model Averaging for Distributed Data
	Speaker	Chengxiu Ling	Xi'an Jiaotong-Liverpool University	Extreme Analysis of Typhoons Disaster in mainland China with Insurance Management