



## Posters

### Posters

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| Jiazhang Cai           | Exploration of integrating gene expression and spatial information based on multiple graph-based deep learning methods                      |
| Jiemiao Chen           | Voxel-wise regression for prediction of task-state MRI from resting-state MRI   |
| Luxiao Chen            | Evaluating cell type specific marker genes' characteristics from population-level single-cell RNA-seq                                       |
| Yongkai Chen           | Informative node selection for graph and scalar association study   |
| Huimin Cheng           | Graphon convolutional network: A highly efficient learner for random graph  |
| Zheng Dong             | Spatio-temporal point processes with deep non-stationary kernels  |
| Greg Ellison           | An efficient pseudo-likelihood estimator for DNA sequence evolution   |
| Luyang Fang            | OTSFAL: An active learning framework for deep neural network  |
| Lin Ge                 | Tailoring capture-recapture methods to estimate registry-based case counts based on error-prone diagnostic signals                          |
| Shuchi Goyal           | A practical revealed preference model for separating preferences and availability effects in marriage formation                             |
| Shrey Gupta            | Sampled-boosting regression transfer for atmospheric pollution prediction   |
| Chaofan Huang          | Constrained minimum energy designs  |
| Sarah Huestis-Mitchell | Police text analysis: Topic modeling and spatial relative density estimation  |
| Ali Jinnah             | Jackknife empirical likelihood methods for the Cox regression model   |
| Noah Legall            | Characterization of worldwide Mycobacterium bovis gene presence/absence to determine specific genomic signatures of across scales evolution |
| Yi Liu                 | Targeting clinical equipoise via propensity score weighting   |
| Haoran Lu              | Two-layer state-space model for smoothing spline with phase transition  |
| Yiling Luo             | Covariance estimators for the ROOT-SGD algorithm in online learning   |
| Wenjing Ma             | Cellcano: supervised cell type identification for single cell ATAC-seq data   |

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Sarahna Moyd	Computational modeling of endocrine disruption of gonadotropin-dependent ovarian follicle maturation
Yijin Ni	Distance-based independence screening for canonical analysis
Hongju Park	Efficient algorithms for learning to control bandits with unobserved contexts
Zhaiming Shen	A compressed sensing based least squares approach to semi-supervised local cluster extraction
Difan Song	A systematic view of information-based optimal subdata selection: Algorithm development, performance evaluation, and application in financial data
Akhil Vakayil	Data twinning
Haoyun Wang	Sequential change-point detection for mutually exciting point processes over networks
Jie Wang	Sinkhorn distributionally robust optimization
Shangkun Wang	Output space-filling design
Zhen Wang	Alignment of spatially resolved single-cell transcriptome using optimal transport
Song Wei	Memory efficient kernel CUSUM for online change-point detection
Shushan Wu	Unsupervised anomaly detection and diagnosis in power electronic networks: Informative leverage and multivariate functional clustering approaches
Yiling Xie	A fast algorithm for the Wasserstein-distance-based independence test
Chen Xu	An alternative approach to train neural networks using monotone variational inequality
Qi Yu	Data-driven method for combining measurements from a group of heterogeneous raters for the evaluation of a new device
Henry Yuchi	Design and analysis for multi-fidelity finite element simulations
Dazhi Zhao	Novel empirical likelihood methods for the cumulative hazard ratio
Deeya Datta	Was there any widespread fraud in 2020 presidential election? What does Benford's Law say?
Yiren Hou	Overall ranking of populations using Bayesian methods
Elise Karinshak	Messaging fragmentation: an initial conceptualization and exploratory examination
Joseph JD Miller	Using machine learning to predict which NFL teams will make the playoffs based on quarterback statistics
Sloka Sudhin	Analysis of increase in punter and kicker statistics over thirteen years
Boqi Peter Wang	Statistical inference of disease-associated genes on tissue-specific markers generates novel hypotheses on pathogenesis of complex human diseases
Ella Wileman	Sex education and its future implications in physical health of American students
Lauren Wilkes	Targeted image poisoning