

THE ANNALS *of* APPLIED STATISTICS

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Articles

- A multiagent reinforcement learning framework for off-policy evaluation in two-sided markets
CHENGCHUN SHI, RUNZHE WAN, GE SONG, SHIKAI LUO, HONGTU ZHU AND RUI SONG 2701
- Modeling racial/ethnic differences in COVID-19 incidence with covariates subject to nonrandom missingness ROB TRANGUCCI, YANG CHEN AND JON ZELNER 2723
- Model-independent detection of new physics signals using interpretable SemiSupervised classifier tests
PURVASHA CHAKRAVARTI, MIKAEL KUUSELA, JING LEI AND LARRY WASSERMAN 2759
- Predictive inference for travel time on transportation networks
MOHAMAD ELMASRI, AURÉLIE LABBE, DENIS LAROCQUE AND LAURENT CHARLIN 2796
- A framework for covariate-specific ROC curve estimation, with application to biometric recognition
XIAOCHEN ZHU, MARTIN SLAWSKI AND LIANSHENG TANG 2821
- Varying impacts of letters of recommendation on college admissions
ELI BEN-MICHAEL, AVI FELLER AND JESSE ROTHSTEIN 2843
- Bayesian hierarchical modeling and analysis for actigraph data from wearable devices
PIERFRANCESCO ALAIMO DI LORO, MARCO MINGIONE, JONAH LIPSITT,
CHRISTINA M. BATTEATE, MICHAEL JERRETT AND SUDIPTO BANERJEE 2865
- Bayesian learning of Covid-19 vaccine safety while incorporating adverse events ontology
BANGYAO ZHAO, YUAN ZHONG, JIAN KANG AND LILI ZHAO 2887
- Addressing selection bias and measurement error in COVID-19 case count data using auxiliary information WALTER DEMPSEY 2903
- Pairwise nonlinear dependence analysis of genomic data SIQI XIANG, WAN ZHANG, SIYAO LIU,
KATHERINE A. HOADLEY, CHARLES M. PEROU, KAI ZHANG AND J. S. MARRON 2924
- Generalized matrix decomposition regression: Estimation and inference for two-way structured data
YUE WANG, ALI SHOJAIE, TIMOTHY RANDOLPH, PARKER KNIGHT AND JING MA 2944
- Targeting underrepresented populations in precision medicine: A federated transfer learning approach
SAI LI, TIANXI CAI AND RUI DUAN 2970
- Building a dose toxo-equivalence model from a Bayesian meta-analysis of published clinical trials
ELIZABETH A. SIGWORTH, SAMUEL M. RUBINSTEIN, JEREMY L. WARNER,
YONG CHEN AND QINGXIA CHEN 2993
- A Bayesian group selection with compositional responses for analysis of radiologic tumor proportions and their genomic determinants THIERRY CHEKOUO, FRANCESCO C. STINGO,
SHARIQ MOHAMMED, ARVIND RAO AND VEERABHADRAN BALADANDAYUTHAPANI 3013
- A Bayesian decision framework for optimizing sequential combination antiretroviral therapy in people with HIV WEI JIN, YANG NI, JANE O'HALLORAN, AMANDA B. SPENCE,
LEAH H. RUBIN AND YANXUN XU 3035
- A dynamic spatial filtering approach to mitigate underestimation bias in field calibrated low-cost sensor air pollution data CLAIRE HEFFERNAN, ROGER PENG, DREW R. GENTNER,
KIRSTEN KOEHLER AND ABHIRUP DATTA 3056
- Data-driven chimney fire risk prediction using machine learning and point process tools
CHANGQING LU, MARIE-COLETTE VAN LIESHOUT,
MAURITS DE GRAAF AND PAUL VISSCHER 3088
- When ecological individual heterogeneity models and large data collide: An importance sampling approach RUTH KING, BLANCA SARZO AND VÍCTOR ELVIRA 3112
- Design-based mapping of land use/land cover classes with bootstrap estimation of precision by nearest-neighbour interpolation AGNESE MARCELLI, ROSA MARIA DI BIASE,
PIERMARIA CORONA, STEPHEN V. STEHMAN AND LORENZO FATTORINI 3133

Continued on back cover