CONTENTS OF VOLUME 7

Abanto-Valle, Carlos A., Wang, Caifeng, Wang, Xiaojing, Wang, Fei-Xing, and Chen, Ming-Hui. Bayesian inference for stochastic volatility models using the generalized skew-t distribution with applications to the Shenzhen Stock Exchange returns ... 487–502

Albert, Paul S. *See* Hunsberger, Sally, Albert, Paul S., and Thoma, Marie 75–85

Bodini, Antonella. *See* Kárný, Miroslav, Guy, Tatiana V., Kracík, Jan, Nedoma, Petr, Bodini, Antonella, and Ruggeri, Fabrizio 503–515

Carlin, Bradley P. *See* Hatfield, Laura A., Hodges, James S., and Carlin, Bradley P. .. 439–453

Charnigo, Richard. *See* Dai, Hongying and Charnigo, Richard 187–200

Chen, Colin. Tests of fit for the asymmetric Laplace distribution 405–414

Chen, Huann-Sheng, Mariotto, Angela B., Zhu, Li, Kim, Hyune-Ju, Cho, Hyunsoon, and Feuer, Eric J. Developments and challenges in statistical methods in cancer surveillance 135–151

Chen, Jinbo. *See* Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi 61–68

Chen, Ming-Hui. *See* Abanto-Valle, Carlos A., Wang, Caifeng, Wang, Xiaojing, Wang, Fei-Xing, and Chen, Ming-Hui 487–502

Chen, Qingxia. *See* Zhu, Hongtu, Ibrahim, Joseph G., and Chen, Qingxia 531–542

Chen, Shyh-Huei, Ip, Edward H., and Wang, Yuchung J. Canonical ensembles for potentially incompatible dependency networks with applications to medical data 251–261

Chen, Yuhui and Hanson, Timothy. Bayesian nonparametric density estimation for doubly-truncated data 455–463

Chen, Zhen and Xie, Yunlong. Marginal analysis of measurement agreement among multiple raters with non-ignorable missing ratings 113–120

Cho, Hyunsoon. *See* Chen, Huann-Sheng, Mariotto, Angela B., Zhu, Li, Kim, Hyune-Ju, Cho, Hyunsoon, and Feuer, Eric J. 135–151

Cucinelli, James. *See* Zhu, Li, Pickle, Linda W., Zou, Zhaohui, and Cucinelli, James ... 121–134

Cui, Qiurong and Ma, Yong. Pricing synthetic CDO with MGB2 distribution 309–318

Dębicki, Krzysztof, Hashorva, Enkelejd, and Ji, Lanpeng. Gaussian approximation of perturbed chi-square risks 363–373

Dai, Hongying and Charnigo, Richard. D_CDF test of negative log transformed p-values with application to genetic pathway analysis 187–200

Dodd, Lori E. *See* Wright, George W., Dodd, Lori E., and Korn, Edward L. 69–73

Dolgun, Anil and Saracbasi, Osman. Assessing proportionality assumption in the adjacent category logistic regression model 275–295

Fan, Ruzong. *See* Lobach, Iryna, Fan, Ruzong, and Manga, Prashiela 51–60

Feuer, Eric J. *See* Chen, Huann-Sheng, Mariotto, Angela B., Zhu, Li, Kim, Hyune-Ju, Cho, Hyunsoon, and Feuer, Eric J. 135–151

Follmann, Dean A. *See* Hu, Zonghui, Qin, Jing, and Follmann, Dean A. 19–26

Gao, Xiaoming, He, Chong, and Sun, Dongchu. Adjusting nonresponse bias in small area estimation without covariates via a Bayesian spatial model 517–530

Gardner, Ian A. *See* Norris, Michelle, Johnson, Wesley O., and Gardner, Ian A. 417–438

Gastwirth, Joseph L. *See* Xu, Wenjing, Pan, Qing, and Gastwirth, Joseph L. 153–165

Ge, Wenxiu, Guo, Xiaobo, Wang, Xueqin, and Zhang, Heping. Inference for multivariate mixtures of two unknown symmetric components 211–217

Geller, Nancy L. and Wu, Colin O. In memoriam: Gang Zheng (May 6, 1965–January 9, 2014) 3–7

Ghosh, Pulak. *See* Hong, Hyokyoung Grace, Roychoudhury, Satrajit, and Ghosh, Pulak 297–305

Ghosh, Pulak. *See* Yu, Binbing, O'Malley, A. James, and Ghosh, Pulak 101–111

Graubard, Barry I. *See* She, Dewei, Zhang, Hong, Li, Yan, Graubard, Barry I., and Li, Zhaohai 167–176

Guo, Xiaobo. *See* Ge, Wenxiu, Guo, Xiaobo, Wang, Xueqin, and Zhang, Heping 211–217

Guy, Tatiana V. *See* Kárný, Miroslav, Guy, Tatiana V., Kracík, Jan, Nedoma, Petr, Bodini, Antonella, and Ruggeri, Fabrizio 503–515

Hanson, Timothy. *See* Chen, Yuhui and Hanson, Timothy 455–463

Hashorva, Enkelejd and Weng, Zhichao. Berman's inequality under random scaling . 339–349

Hashorva, Enkelejd. *See* Dębicki, Krzysztof, Hashorva, Enkelejd, and Ji, Lanpeng 363–373

Hatfield, Laura A., Hodges, James S., and Carlin, Bradley P. Joint models: when are treatment estimates improved? 439–453

He, Chong. *See* Gao, Xiaoming, He, Chong, and Sun, Dongchu 517–530

He, Jian, Sheng, Zhuo, Wang, Bing Xing, and Yu, Keming. Point and exact interval estimation for the generalized Pareto distribution with small samples 389–404

He, Wenqing. *See* Xiong, Juan, He, Wenqing, and Yi, Grace Y. 241–250

Hodges, James S. *See* Hatfield, Laura A., Hodges, James S., and Carlin, Bradley P. .. 439–453

Hong, Hyokyoung Grace, Roychoudhury, Satrajit, and Ghosh, Pulak. The joint assessment of longitudinal multidimensional functionings in overweight and obese elderly with a time varying covariate 297–305

Hu, Taizhong. *See* Leng, Xuan and Hu, Taizhong 331–338

Hu, Zonghui, Qin, Jing, and Follmann, Dean A. Semiparametric mixture survival model with application to MRFIT study 19–26

Hunsberger, Sally, Albert, Paul S., and Thoma, Marie. Approaches to retrospective sampling for longitudinal transition regression models 75–85

Ibrahim, Joseph G. *See* Zhu, Hongtu, Ibrahim, Joseph G., and Chen, Qingxia 531–542

Ip, Edward H. *See* Chen, Shyh-Huei, Ip, Edward H., and Wang, Yuchung J. 251–261

Izmirlian, Grant. Estimation of the relative risk following group sequential procedure based upon the weighted log-rank statistic 27–42

Ji, Lanpeng. *See* Dębicki, Krzysztof, Hashorva, Enkelejd, and Ji, Lanpeng 363–373

Jiang, Yunlu. Nonparametric quantile regression models via majorization minimization-algorithm 235–240

Jocković, Jelena and Mladenović, Pavle. Coupon collector's problem and its extensions in extreme value framework 381–388

Johnson, Wesley O. *See* Norris, Michelle, Johnson, Wesley O., and Gardner, Ian A. .. 417–438

Kárný, Miroslav, Guy, Tatiana V., Kracík, Jan, Nedoma, Petr, Bodini, Antonella, and Ruggeri, Fabrizio. Fully probabilistic knowledge expression and incorporation 503–515

Kim, Hyune-Ju. *See* Chen, Huann-Sheng, Mariotto, Angela B., Zhu, Li, Kim, Hyune-Ju, Cho, Hyunsoon, and Feuer, Eric J. 135–151

Korn, Edward L. *See* Wright, George W., Dodd, Lori E., and Korn, Edward L. 69–73

Kracík, Jan. *See* Kárný, Miroslav, Guy, Tatiana V., Kracík, Jan, Nedoma, Petr, Bodini, Antonella, and Ruggeri, Fabrizio 503–515

Kuo, Lynn. *See* Wei, Ziwen and Kuo, Lynn .. 543–557

Lee, Herbert K. H. *See* Liang, Waley W. J. and Lee, Herbert K. H. 465–475

Lee, Juhee and MacEachern, Steven N. Inference functions in high dimensional Bayesian inference 477–486

Leng, Xuan and Hu, Taizhong. The tail behavior of randomly weighted sums of dependent random variables 331–338

Li, Lujun, Wu, Yijun, and Yang, Jingping. Copula function's concentration set and its concentrated partition 319–329

Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi. A robust test for quantitative trait analysis with model uncertainty in genetic association studies .. 61–68

Li, Qizhai. *See* Li, Zhengbang, Liu, Aiyi, Li, Zhaohai, and Li, Qizhai 9–18

Li, Qizhai. *See* Yuan, Ao, Li, Qizhai, Qin, Jing, and Zheng, Gang 43–50

Li, Yan. *See* She, Dewei, Zhang, Hong, Li, Yan, Graubard, Barry I., and Li, Zhaohai 167–176

Li, Zhaohai. *See* Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi 61–68

Li, Zhaohai. *See* Li, Zhengbang, Liu, Aiyi, Li, Zhaohai, and Li, Qizhai 9–18

Li, Zhaohai. *See* She, Dewei, Zhang, Hong, Li, Yan, Graubard, Barry I., and Li, Zhaohai .. 167–176

Li, Zhengbang, Liu, Aiyi, Li, Zhaohai, and Li, Qizhai. Rank-based tests for comparison of multiple endpoints among several populations 9–18

Liang, Waley W. J. and Lee, Herbert K. H. Sequential process convolution Gaussian process models via particle learning 465–475

Liao, Xin and Peng, Zuoxiang. Convergence rate of maxima of bivariate Gaussian arrays to the Hüsler-Reiss distribution 351–362

Liu, Aiyi. *See* Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi 61–68

Liu, Aiyi. *See* Li, Zhengbang, Liu, Aiyi, Li, Zhaohai, and Li, Qizhai 9–18

Liu, Yufeng. *See* Qiao, Xingye, Liu, Yufeng, and Marron, J. S. 263–274

Lobach, Iryna, Fan, Ruzong, and Manga, Prashiela. Genotype-based association models of complex diseases to detect gene-gene and gene-environment interactions 51–60

Ma, Junheng, Sun, Jiayang, and Sedransk, Joe. Modern sample size determination for unordered categorical data 219–233

Ma, Yong. *See* Cui, Qiurong and Ma, Yong .. 309–318

MacEachern, Steven N. *See* Lee, Juhee and MacEachern, Steven N. 477–486

Mallick, Himel and Yi, Nengjun. A new Bayesian lasso 571–582

MANGA, PRASHIELA. *See* Lobach, Iryna, Fan, Ruzong, and Manga, Prashiela 51–60

MARIOTTO, ANGELA B. *See* Chen, Huann-Sheng, Mariotto, Angela B., Zhu, Li, Kim, Hyune-Ju, Cho, Hyunsoon, and Feuer, Eric J. 135–151

MARRON, J. S. *See* Qiao, Xingye, Liu, Yufeng, and Marron, J. S. 263–274

MILLS, JAMES L. *See* Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi 61–68

MLADENOVIĆ, PAVLE. *See* Jocković, Jelena and Mladenović, Pavle 381–388

NEDOMA, PETR. *See* Kárný, Miroslav, Guy, Tatiana V., Kracík, Jan, Nedoma, Petr, Bodini, Antonella, and Ruggeri, Fabrizio 503–515

NETTLETON, DAN. *See* Xu, Ruo, Nettleton, Dan, and Nordman, Daniel J. 177–186

NORDMAN, DANIEL J. *See* Xu, Ruo, Nettleton, Dan, and Nordman, Daniel J. 177–186

NORRIS, MICHELLE, JOHNSON, WESLEY O., AND GARDNER, IAN A. Bayesian semiparametric joint modeling of biomarker data with a latent changepoint: assessing the temporal performance of Enzyme-Linked Immunosorbent Assay (ELISA) testing for paratuberculosis 417–438

O'MALLEY, A. JAMES. *See* Yu, Binbing, O'Malley, A. James, and Ghosh, Pulak 101–111

PAN, QING. *See* Xu, Wenjing, Pan, Qing, and Gastwirth, Joseph L. 153–165

PENG, ZUOXIANG. *See* Liao, Xin and Peng, Zuoxiang 351–362

PICKLE, LINDA W. *See* Zhu, Li, Pickle, Linda W., Zou, Zhaohui, and Cucinelli, James 121–134

QIAO, XINGYE, LIU, YUFENG, AND MARRON, J. S. Significance analysis for pairwise variable selection in classification 263–274

QIN, JING. *See* Hu, Zonghui, Qin, Jing, and Follmann, Dean A. 19–26

QIN, JING. *See* Yuan, Ao, Li, Qizhai, Qin, Jing, and Zheng, Gang 43–50

RAVISHANKER, NALINI, SERHIYENKO, VOLODYMYR, AND WILLIG, MICHAEL R. Hierarchical dynamic models for multivariate times series of counts 559–570

ROYCHOUDHURY, SATRAJIT. *See* Hong, Hyokyoung Grace, Roychoudhury, Satrajit, and Ghosh, Pulak 297–305

RUGGERI, FABRIZIO. *See* Kárný, Miroslav, Guy, Tatiana V., Kracík, Jan, Nedoma, Petr, Bodini, Antonella, and Ruggeri, Fabrizio 503–515

SARACBASI, OSMAN. *See* Dolgun, Anil and Saracbasi, Osman 275–295

SEDRANSK, JOE. *See* Ma, Junheng, Sun, Jiayang, and Sedransk, Joe 219–233

SERHIYENKO, VOLODYMYR. *See* Ravishanker, Nalini, Serhiyenko, Volodymyr, and Willig, Michael R. 559–570

SHE, DEWEI, ZHANG, HONG, LI, YAN, GRAUBARD, BARRY I., AND LI, ZHAOHAI. Family based association study with complex survey data 167–176

SHENG, ZHUO. *See* He, Jian, Sheng, Zhuo, Wang, Bing Xing, and Yu, Keming 389–404

SHIMURA, TAKAAKI. A numerical characteristic of extreme values 375–379

SUN, DONGCHU. *See* Gao, Xiaoming, He, Chong, and Sun, Dongchu 517–530

SUN, JIAYANG. *See* Ma, Junheng, Sun, Jiayang, and Sedransk, Joe 219–233

THOMA, MARIE. *See* Hunsberger, Sally, Albert, Paul S., and Thoma, Marie 75–85

TIAN, XIN AND WU, COLIN O. Estimation of rank-tracking probabilities using nonparametric mixed-effects models for longitudinal data 87–99

WANG, BING XING. *See* He, Jian, Sheng, Zhuo, Wang, Bing Xing, and Yu, Keming 389–404

WANG, CAIFENG. *See* Abanto-Valle, Carlos A., Wang, Caifeng, Wang, Xiaojing, Wang, Fei-Xing, and Chen, Ming-Hui 487–502

WANG, FEI-XING. *See* Abanto-Valle, Carlos A., Wang, Caifeng, Wang, Xiaojing, Wang, Fei-Xing, and Chen, Ming-Hui 487–502

WANG, XIAOJING. *See* Abanto-Valle, Carlos A., Wang, Caifeng, Wang, Xiaojing, Wang, Fei-Xing, and Chen, Ming-Hui 487–502

WANG, XUEQIN. *See* Ge, Wenxiu, Guo, Xiaobo, Wang, Xueqin, and Zhang, Heping 211–217

WANG, YUCHUNG J. *See* Chen, Shyh-Huei, Ip, Edward H., and Wang, Yuchung J. 251–261

WEI, ZIWEN AND KUO, LYNN. Nonparametric Bayesian functional clustering for time-course microarray data 543–557

WENG, ZHICHAO. *See* Hashorva, Enkelejd and Weng, Zhichao 339–349

WILLIG, MICHAEL R. *See* Ravishanker, Nalini, Serhiyenko, Volodymyr, and Willig, Michael R. 559–570

WRIGHT, GEORGE W., DODD, LORI E., AND KORN, EDWARD L. Inherent difficulties in nonparametric estimation of the cumulative distribution function using observations measured with error: Application to high-dimensional microarray data 69–73

WU, COLIN O. *See* Geller, Nancy L. and Wu, Colin O. 3–7

WU, COLIN O. *See* Tian, Xin and Wu, Colin O. 87–99

WU, YIJUN. *See* Li, Lujun, Wu, Yijun, and Yang, Jingping 319–329

XIE, YUNLONG. *See* Chen, Zhen and Xie, Yunlong 113–120

Xiong, Juan, He, Wenqing, and Yi, Grace Y. Joint modeling of survival data and mismeasured longitudinal data using the proportional odds model 241–250

Xiong, Wenjun. *See* Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi 61–68

Xu, Ruo, Nettleton, Dan, and Nordman, Daniel J. Predictor augmentation in random forests 177–186

Xu, Wenjing, Pan, Qing, and Gastwirth, Joseph L. Adaptive procedures for nested processes: application to equal employment 153–165

Xue, Lingzhou and Zou, Hui. Optimal estimation of sparse correlation matrices of semiparametric Gaussian copulas 201–209

Yang, Jingping. *See* Li, Lujun, Wu, Yijun, and Yang, Jingping 319–329

Yi, Grace Y. *See* Xiong, Juan, He, Wenqing, and Yi, Grace Y. 241–250

Yi, Nengjun. *See* Mallick, Himel and Yi, Nengjun 571–582

Yu, Binbing, O'Malley, A. James, and Ghosh, Pulak. Linear mixed models for multiple outcomes using extended multivariate skew-t distributions 101–111

Yu, Keming. *See* He, Jian, Sheng, Zhuo, Wang, Bing Xing, and Yu, Keming 389–404

Yuan, Ao, Li, Qizhai, Qin, Jing, and Zheng, Gang. Estimation of genetic effects incorporating prior information 43–50

Zhang, Heping. *See* Ge, Wenxiu, Guo, Xiaobo, Wang, Xueqin, and Zhang, Heping 211–217

Zhang, Hong. *See* She, Dewei, Zhang, Hong, Li, Yan, Graubard, Barry I., and Li, Zhaohai .. 167–176

Zheng, Gang. *See* Li, Qizhai, Xiong, Wenjun, Chen, Jinbo, Zheng, Gang, Li, Zhaohai, Mills, James L., and Liu, Aiyi 61–68

Zheng, Gang. *See* Yuan, Ao, Li, Qizhai, Qin, Jing, and Zheng, Gang 43–50

Zhu, Hongtu, Ibrahim, Joseph G., and Chen, Qingxia. Bayesian case-deletion model complexity and information criterion 531–542

Zhu, Li, Pickle, Linda W., Zou, Zhaohui, and Cucinelli, James. Trends and patterns of childhood cancer incidence in the United States, 1995–2010 121–134

Zhu, Li. *See* Chen, Huann-Sheng, Mariotto, Angela B., Zhu, Li, Kim, Hyune-Ju, Cho, Hyunsoon, and Feuer, Eric J. 135–151

Zou, Hui. *See* Xue, Lingzhou and Zou, Hui ... 201–209

Zou, Zhaohui. *See* Zhu, Li, Pickle, Linda W., Zou, Zhaohui, and Cucinelli, James 121–134