

CONTENTS OF VOLUME 3

ADLURU, NAGESH. <i>See</i> Chung, Moo K., Adluru, Nagesh, Lee, Jee Eun, Lazar, Mariana, Lainhart, Janet E. and Alexander, Andrew L. ..	69–80	Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua	523–531
ALEXANDER, ANDREW L. <i>See</i> Chung, Moo K., Adluru, Nagesh, Lee, Jee Eun, Lazar, Mariana, Lainhart, Janet E. and Alexander, Andrew L. ..	69–80	DERADO, GORDANA, BOWMAN, F. DUBOIS, ELY, TIMOTHY D. AND KILTS, CLINTON D. Evaluating functional autocorrelation within spatially distributed neural processing networks	45–57
ALLISON, DAVID B. <i>See</i> Tiwari, Hemant K., Patki, Amit and Allison, David B.	169–175	ELASHOFF, ROBERT M. <i>See</i> Huang, Xin, Li, Gang and Elashoff, Robert M.	185–195
BACCIU, NICOLA. <i>See</i> Qu, Long, Nettleton, Dan, Dekkers, C. and Bacciu, Nicola	477–491	ELY, TIMOTHY D. <i>See</i> Derado, Gordana, Bowman, F. DuBois, Ely, Timothy D. and Kilts, Clinton D.	45–57
BAI, PING, SHEN, HAIPENG, HUANG, JIANHUA Z. AND TRUONG, YOUNG K. Adaptive statistical parametric mapping for fMRI	33–43	FANG, XIANGZHONG. <i>See</i> Yu, Huan, Pei, Guojun, Ge, Peng, Fang, Xiangzhong, Sun, Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua	523–531
BOWMAN, F. DUBOIS. <i>See</i> Derado, Gordana, Bowman, F. DuBois, Ely, Timothy D. and Kilts, Clinton D.	45–57	FENG, YIJIA, LI, RUNZE, SUDJANTO, AGUS AND ZHANG, YIYUN. Robust neural network with applications to credit portfolio data analysis	437–444
BURA, EFSTATHIA. <i>See</i> Hikawa, Hiro, Bura, Efstatia and Gastwirth, Joseph L.	125–144	FERRER, EMILIO. <i>See</i> McAssey, Michael P., Hsieh, Fushing and Ferrer, Emilio	159–168
CAFFO, BRIAN. <i>See</i> Hedlin, Haley, Caffo, Brian, Mahfoud, Ziyad and Spear Bassett, Susan .	113–123	FIGUEIREDO, N. <i>See</i> Tomé, A.M., Teixeira, A.R., Figueiredo, N., Santos, I.M., Georgieva, P. and Lang, E.W.	345–355
CHEN, JINBO. <i>See</i> Zheng, Haitao, Zhang, Cuilin, Lu, Yun and Chen, Jinbo	543–555	GASTWIRTH, JOSEPH L. <i>See</i> Hikawa, Hiro, Bura, Efstatia and Gastwirth, Joseph L.	125–144
CHEN, RONG. <i>See</i> Kang, Zhixin, Zhang, Lan and Chen, Rong	145–157	GE, PENG. <i>See</i> Yu, Huan, Pei, Guojun, Ge, Peng, Fang, Xiangzhong, Sun, Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua	523–531
CHEVRET, SYLVIE. <i>See</i> Resche-Rigon, Matthieu, Zohar, Sarah and Chevret, Sylvie	177–183	GEORGIEVA, P. <i>See</i> Tomé, A.M., Teixeira, A.R., Figueiredo, N., Santos, I.M., Georgieva, P. and Lang, E.W.	345–355
CHI, YUEH-YUN AND MULLER, KEITH E. Using scientifically and statistically sufficient statistics in comparing image segmentations	91–101	GHODSI, MANSOUREH, HASSANI, HOSSEIN AND SANEI, SAEID. Extracting fetal heart signal from noisy maternal ECG by multivariate singular spectrum analysis	399–411
CHOI, JANG, ZOU, HUI AND OEHLMERT, GARY. A penalized maximum likelihood approach to sparse factor analysis	429–436	GHOSH, DEBASHIS AND SABEL, MICHAEL. Spline-based models for predictiveness curves and surfaces	445–453
CHUNG, MOO K., ADLURU, NAGESH, LEE, JEE EUN, LAZAR, MARIANA, LAINHART, JANET E. AND ALEXANDER, ANDREW L. Cosine series representation of 3D curves and its application to white matter fiber bundles in diffusion tensor imaging	69–80	GILLARD, JONATHAN. Cadzow's basic algorithm, alternating projections and singular spectrum analysis	335–343
CLEMENT-SPYCHALA, MEAGAN E., COUPER, DAVID, ZHU, HONGTU AND MULLER, KEITH E. Approximating the Geisser-Greenhouse sphericity estimator and its applications to diffusion tensor imaging	81–90	GOLYANDINA, NINA. On the choice of parameters in Singular Spectrum Analysis and related subspace-based methods	259–279
COTCH, MARY FRANCES. <i>See</i> Xie, Jichun, Shults, Justine, Peet, Jon, Stambolian, Dwight and Cotch, Mary Frances	223–233	GUO, YING. A weighted cluster kernel PCA prediction model for multi-subject brain imaging data	103–111
COUPER, DAVID. <i>See</i> Clement-Spychala, Meagan E., Couper, David, Zhu, Hongtu and Muller, Keith E.	81–90	HASSANI, HOSSEIN AND THOMAKOS, DIMITRIOS. A review on singular spectrum analysis for economic and financial time series	377–397
DEKKERS, C. <i>See</i> Qu, Long, Nettleton, Dan, Dekkers, C. and Bacciu, Nicola	477–491	HASSANI, HOSSEIN. <i>See</i> Ghodsi, Mansoureh, Hassani, Hossein and Sanei, Saeid	399–411

HE, QINYING. <i>See</i> Liu, Yufeng, Wu, Yichao and He, Qinying	465–475	
HEDLIN, HALEY, CAFFO, BRIAN, MAHFOUD, ZIYAD AND SPEAR BASSETT, SUSAN. Covariate-adjusted nonparametric analysis of magnetic resonance images using Markov chain Monte Carlo	113–123	
HIKAWA, HIRO, BURA, EFSTATIA AND GASTWIRTH, JOSEPH L. Local linear logistic Peters–Belson regression and its application in employment discrimination cases	125–144	
HSIEH, FUSHING. <i>See</i> McAssey, Michael P., Hsieh, Fushing and Ferrer, Emilio	159–168	
HUANG, JIANHUA Z. <i>See</i> Bai, Ping, Shen, Haipeng, Huang, Jianhua Z. and Truong, Young K.	33–43	
HUANG, XIN, LI, GANG AND ELASHOFF, ROBERT M. A joint model of longitudinal and competing risks survival data with heterogeneous random effects and outlying longitudinal measurements	185–195	
JIANG, HUIPING. <i>See</i> Ogden, R. Todd and Jiang, Huiping	59–67	
JIANG, SHAN AND TU, DONGSHENG. Empirical likelihood confidence intervals for ratio of hazard rates under right censorship	455–464	
KANG, ZHIXIN, ZHANG, LAN AND CHEN, RONG. Forecasting return volatility in the presence of microstructure noise	145–157	
KAPL, MARTIN AND MÜLLER, WERNER G. Prediction of steel prices: A comparison between a conventional regression model and MSSA	369–375	
KILTS, CLINTON D. <i>See</i> Derado, Gordana, Bowman, F. DuBois, Ely, Timothy D. and Kilts, Clinton D.	45–57	
KOROBENNIKOV, ANTON. Computation- and space-efficient implementation of SSA	357–368	
LAI, LUHUA. <i>See</i> Yu, Huan, Pei, Guojun, Ge, Peng, Fang, Xiangzhong, Sun, Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua	523–531	
LAINHART, JANET E. <i>See</i> Chung, Moo K., Adluru, Nagesh, Lee, Jee Eun, Lazar, Mariana, Lainhart, Janet E. and Alexander, Andrew L.	69–80	
LANG, E.W. <i>See</i> Tomé, A.M., Teixeira, A.R., Figueiredo, N., Santos, I.M., Georgieva, P. and Lang, E.W.	345–355	
LAZAR, MARIANA. <i>See</i> Chung, Moo K., Adluru, Nagesh, Lee, Jee Eun, Lazar, Mariana, Lainhart, Janet E. and Alexander, Andrew L.	69–80	
LEE, JEE EUN. <i>See</i> Chung, Moo K., Adluru, Nagesh, Lee, Jee Eun, Lazar, Mariana, Lainhart, Janet E. and Alexander, Andrew L.	69–80	
LI, GANG. <i>See</i> Huang, Xin, Li, Gang and Elashoff, Robert M.	185–195	
LI, RUNZE. <i>See</i> Feng, Yijia, Li, Runze, Sudjianto, Agus and Zhang, Yiyun		437–444
LIANG, FENG. <i>See</i> Xu, Jianfeng and Liang, Feng		513–521
LIEW, ALAN WEE-CHUNG. <i>See</i> Tang, Vivian, Tsz-Yan, Liew, Alan Wee-Chung and Yan, Hong		413–418
LIN, HUAZHEN AND SONG, PETER X.-K. Longitudinal semiparametric transition models with unknown link and variance functions .		197–209
LINDQUIST, MARTIN A. <i>See</i> Yue, Yu (Ryan), Loh, Ji Meng and Lindquist, Martin A.		3–13
LIU, YUFENG, WU, YICHAO AND HE, QINYING. Utility-based weighted multicategory robust support vector machines		465–475
LOH, JI MENG. <i>See</i> Yue, Yu (Ryan), Loh, Ji Meng and Lindquist, Martin A.		3–13
LU, YUN. <i>See</i> Zheng, Haitao, Zhang, Cuilin, Lu, Yun and Chen, Jinbo		543–555
MAHFOUD, ZIYAD. <i>See</i> Hedlin, Haley, Caffo, Brian, Mahfoud, Ziyad and Spear Bassett, Susan		113–123
MARKOVSKY, IVAN. Bibliography on total least squares and related methods		329–334
MCASSEY, MICHAEL P., HSIEH, FUSHING AND FERRER, EMILIO. Optimal and robust design for efficient system-wide synchronization in networks of randomly-wired neuron-nodes		159–168
MULLER, KEITH E. <i>See</i> Chi, Yueh-Yun and Muller, Keith E.		91–101
MULLER, KEITH E. <i>See</i> Clement-Spychala, Meagan E., Couper, David, Zhu, Hongtu and Muller, Keith E.		81–90
MÜLLER, WERNER G. <i>See</i> Kapl, Martin and Müller, Werner G.		369–375
NEKRUTKIN, VLADIMIR. Perturbation expansions of signal subspaces for long signals ...		297–319
NETTLETON, DAN. <i>See</i> Qu, Long, Nettleton, Dan, Dekkers, C. and Bacci, Nicola		477–491
OEHLCERT, GARY. <i>See</i> Choi, Jang, Zou, Hui and Oehlert, Gary		429–436
OGDEN, R. TODD AND JIANG, HUIPING. Nonparametric evaluation of heterogeneity of brain regions in neuroreceptor mapping applications		59–67
PATKI, AMIT. <i>See</i> Tiwari, Hemant K., Patki, Amit and Allison, David B.		169–175
PEET, JON. <i>See</i> Xie, Jichun, Shults, Justine, Peet, Jon, Stambolian, Dwight and Cotch, Mary Frances		223–233
PEI, GUOJUN. <i>See</i> Yu, Huan, Pei, Guojun, Ge, Peng, Fang, Xiangzhong, Sun, Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua		523–531
PEPELYSHEV, ANDREY AND ZHIGLJAVSKY, ANATOLY. Assessing the stability of long-horizon SSA forecasting		321–327

QIAN, MINPING. <i>See</i> Yu, Huan, Pei, Guojun, Ge, Peng, Fang, Xiangzhong, Sun, Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua	523–531	
QU, LONG, NETTLETON, DAN, DEKKERS, C. AND BACCIU, NICOLA. Variance model selection with application to joint analysis of multiple microarray datasets under false discovery rate control	477–491	169–175
RESCHE-RIGON, MATTHIEU, ZOHAR, SARAH AND CHEVRET, SYLVIE. Maximum-relevance weighted likelihood estimator: Application to the continual reassessment method	177–183	345–355
RODRÍGUEZ-ARAGÓN, LICESIO J. AND ZHIGLJAVSKY, ANATOLY. Singular spectrum analysis for image processing	419–426	33–43
RUAN, LINGYAN AND YUAN, MING. Dimension reduction and parameter estimation for additive index models	493–499	455–464
SABEL, MICHAEL. <i>See</i> Ghosh, Debashis and Sabel, Michael	445–453	281–295
SANEI, SAEID. <i>See</i> Ghodsi, Mansoureh, Hassani, Hossein and Sanei, Saeid	399–411	211–221
SANTOS, I.M. <i>See</i> Tomé, A.M., Teixeira, A.R., Figueiredo, N., Santos, I.M., Georgieva, P. and Lang, E.W.	345–355	501–511
SHEN, HAIPENG. <i>See</i> Bai, Ping, Shen, Haipeng, Huang, Jianhua Z. and Truong, Young K.	33–43	501–511
SHULTS, JUSTINE. <i>See</i> Xie, Jichun, Shults, Justine, Peet, Jon, Stambolian, Dwight and Cotch, Mary Frances	223–233	465–475
SKUP, MARTHA. Longitudinal fMRI analysis: A review of methods	235–252	223–233
SONG, PETER X.-K. <i>See</i> Lin, Huazhen and Song, Peter X.-K.	197–209	513–521
SPEAR BASSETT, SUSAN. <i>See</i> Hedlin, Haley, Caffo, Brian, Mahfoud, Ziyad and Spear Bassett, Susan	113–123	413–418
STAMBOLIAN, DWIGHT. <i>See</i> Xie, Jichun, Shults, Justine, Peet, Jon, Stambolian, Dwight and Cotch, Mary Frances	223–233	523–531
SUDJANTO, AGUS. <i>See</i> Feng, Yijia, Li, Runze, Sudjianto, Agus and Zhang, Yiyun	437–444	493–499
SUN, FENGZHU. <i>See</i> Yu, Huan, Pei, Guojun, Ge, Peng, Fang, Xiangzhong, Sun, Fengzhu, Lai, Luhua, Qian, Minping and Deng, Minghua	523–531	3–13
SUN, WENGUANG. <i>See</i> Wang, Wei, Wei, Zhi and Sun, Wenguang	501–511	15–31
TANG, VIVIAN, TSZ-YAN, LIEW, ALAN WEE-CHUNG AND YAN, HONG. Periodicity analysis of DNA microarray gene expression time series profiles in mouse segmentation clock data	413–418	543–555
TEIXEIRA, A.R. <i>See</i> Tomé, A.M., Teixeira, A.R., Figueiredo, N., Santos, I.M., Georgieva, P. and Lang, E.W.	345–355	211–221
THOMAKOS, DIMITRIOS. <i>See</i> Hassani, Hossein and Thomakos, Dimitrios		145–157
TIWARI, HEMANT K., PATKI, AMIT AND ALLISON, DAVID B. Within-cluster resampling for analysis of family data: Ready for prime-time?		iii
TOMÉ, A.M., TEIXEIRA, A.R., FIGUEIREDO, N., SANTOS, I.M., GEORGIEVA, P. AND LANG, E.W. SSA of biomedical signals: A linear invariant systems approach		33–43
TRUONG, YOUNG K. <i>See</i> Bai, Ping, Shen, Haipeng, Huang, Jianhua Z. and Truong, Young K.		455–464
TU, DONGSHENG. <i>See</i> Jiang, Shan and Tu, Dongsheng		281–295
USEVICH, KONSTANTIN. On signal and extraneous roots in Singular Spectrum Analysis		211–221
WANG, HAIYAN. <i>See</i> Zhang, Ke and Wang, Haiyan		501–511
WANG, WEI, WEI, ZHI AND SUN, WENGUANG. Simultaneous set-wise testing under dependence, with applications to genome-wide association studies		501–511
WEI, ZHI. <i>See</i> Wang, Wei, Wei, Zhi and Sun, Wenguang		465–475
WU, YICHAO. <i>See</i> Liu, Yufeng, Wu, Yichao and He, Qinying		223–233
XIE, JICHUN, SHULTS, JUSTINE, PEET, JON, STAMBOLIAN, DWIGHT AND COTCH, MARY FRANCES. Quasi-least squares with mixed linear correlation structures		513–521
XU, JIANFENG AND LIANG, FENG. Bayesian co-segmentation of multiple MR images		413–418
YAN, HONG. <i>See</i> Tang, Vivian, Tsz-Yan, Liew, Alan Wee-Chung and Yan, Hong		523–531
YU, HUAN, PEI, GUOJUN, GE, PENG, FANG, XIANGZHONG, SUN, FENGZHU, LAI, LUHUA, QIAN, MINPING AND DENG, MINGHUA. Predicting kinase functional sites using hierarchical stochastic language modelling		493–499
YUAN, MING. <i>See</i> Ruan, Lingyan and Yuan, Ming		3–13
YUE, YU (RYAN), LOH, JI MENG AND LINDQUIST, MARTIN A. Adaptive spatial smoothing of fMRI images		15–31
ZHANG, CHUNMING AND ZHANG, ZHENGJUN. Regularized estimation of hemodynamic response function for fMRI data		543–555
ZHANG, CUILIN. <i>See</i> Zheng, Haitao, Zhang, Cuilin, Lu, Yun and Chen, Jinbo		211–221
ZHANG, KE AND WANG, HAIYAN. Nonparametric tests for longitudinal DNA copy number data		145–157
ZHANG, LAN. <i>See</i> Kang, Zhixin, Zhang, Lan and Chen, Rong		iii

ZHANG, YIYUN. <i>See</i> Feng, Yijia, Li, Runze, Sudjianto, Agus and Zhang, Yiyun	437–444	drey and Zhigljavsky, Anatoly	321–327
ZHANG, ZHENGJUN. <i>See</i> Zhang, Chunming and Zhang, Zhengjun	15–31	ZHIGLJAVSKY, ANATOLY. <i>See</i> Rodriguez-Aragón, Licesio J. and Zhigljavsky, Anatoly	419–426
ZHAO, ZHIGEN. Double shrinkage empirical Bayesian estimation for unknown and unequal variances	533–541	ZHOU, NENGFENG AND ZHU, JI. Group variable selection via a hierarchical lasso and its oracle property	557–574
ZHENG, HAITAO, ZHANG, CUILIN, LU, YUN AND CHEN, JINBO. Design cost-effective genome-wide and candidate gene association studies of mother-child pairs	543–555	ZHU, HONGTU. <i>See</i> Clement-Spychala, Meagan E., Couper, David, Zhu, Hongtu and Muller, Keith E.	81–90
ZHIGLJAVSKY, ANATOLY. Singular Spectrum Analysis for time series: Introduction to this special issue	255–258	ZHU, JI. <i>See</i> Zhou, Nengfeng and Zhu, Ji	557–574
ZHIGLJAVSKY, ANATOLY. <i>See</i> Pepelyshev, An-		ZOHAR, SARAH. <i>See</i> Resche-Rigon, Matthieu, Zohar, Sarah and Chevret, Sylvie	177–183
		ZOU, HUI. <i>See</i> Choi, Jang, Zou, Hui and Oehlert, Gary	429–436