

BIOMETRIKA VOL. 98, NO. 1

CONTENTS

	PAGE
GUO, J., LEVINA, E., MICHAILEDIS, G. and ZHU, J. Joint estimation of multiple graphical models	1
TRIPPA, L., MÜLLER, P. and JOHNSON, W. The multivariate beta process and an extension of the Polya tree model	17
PATI, D., REICH, B. J. and DUNSON, D. B. Bayesian geostatistical modelling with informative sampling locations	35
PRESTON, S. P. and WOOD, A. T. A. Bootstrap inference for mean reflection shape and size-and-shape with three-dimensional landmark data	49
POYIADJIS, G., DOUCET, A. and SINGH, S. S. Particle approximations of the score and observed information matrix in state space models with application to parameter estimation	65
ZHAO, Z. A self-normalized confidence interval for the mean of a class of nonstationary processes	81
WANG, J. C. and OPSOMER, J. D. On asymptotic normality and variance estimation for nondifferentiable survey estimators	91
CARDOT, H. and JOSSEAND, E. Horvitz–Thompson estimators for functional data: asymptotic confidence bands and optimal allocation for stratified sampling	107
KIM, J. K. Parametric fractional imputation for missing data analysis	119
SU, Z. and COOK, R. D. Partial envelopes for efficient estimation in multivariate linear regression	133
NEUHAUS, J. M. and McCULLOCH, C. E. Estimation of covariate effects in generalized linear mixed models with informative cluster sizes	147
CHEN, H. Y. A unified framework for studying parameter identifiability and estimation in biased sampling designs	163
HUANG, C.-Y. and QIN, J. Nonparametric estimation for length-biased and right-censored data	177
ZIEGEL, J., JENSEN, E. B. V. and DORPH-PETERSEN, K.-A. Variance estimation for generalized Cavalieri estimators	187
SCHWARTZMAN, A. and LIN, X. The effect of correlation in false discovery rate estimation	199
QU, A., YI, G. Y., SONG, P. X.-K. and WANG, P. Assessing the validity of weighted generalized estimating equations	215
MISCELLANEA	
KAUERMANN, G. and OPSOMER, J. D. Data-driven selection of the spline dimension in penalized spline regression	225
PAPATHOMAS, M., DELLAPORTAS, P. and VASDEKIS, V. G. S. A novel reversible jump algorithm for generalized linear models	231
FARCOMENI, A. Recapture models under equality constraints for the conditional capture probabilities	237
LI, G. and LI, W. K. Testing a linear time series model against its threshold extension	243

© 2011 Biometrika Trust

ISSN 0006-3444 (Print)

ISSN 1464-3510 (Online)

*Typeset by Techset Composition Ltd, Chennai, India
Printed and Bound by Bell and Bain, Glasgow, U.K.*