

Contents

H. CHEN, Q. LI and F. ZHU

Two classes of dynamic binomial integer-valued ARCH models..... 685

V. M. M. PUREZA, P. C. OPRIME, A. F. B. COSTA and D. MORALES

Bi-objective mathematical model for optimal sequencing of two-level factorial designs 712

Y. HAMURA and T. KUBOKAWA

Proper Bayes minimax estimation of parameters of Poisson distributions in the presence of unbalanced sample sizes 728

S. AMIRI, M. JAFARI JOZANI and R. MODARRES

On multiple imputation for unbalanced ranked set samples with applications in quantile estimation 752

G. YANG, Q. WANG, X. CUI and Y. MA

Generalized partially linear single index model with measurement error, instruments and binary response 770

R. E. GAUNT, G. MIJOULE and Y. SWAN

Some new Stein operators for product distributions 795

J. A. VILLASEÑOR and E. GONZÁLEZ-ESTRADA

On testing exponentiality based on a new estimator for the scale parameter ... 809

N. KOLEV

Discrete line integral on uniform grids: Probabilistic interpretation and applications 821

C. BARNES and A. SARANTSEV

A note on jump Atlas models 844

C. Y. DOREA, D. B. FERREIRA and M. A. OLIVEIRA

Asymptotics for heavy-tailed renewal-reward processes and applications to risk processes and heavy traffic networks 858

H. M. BARAKAT, E. M. NIGM and M. H. HARPY

Asymptotic behavior of the maximum of multivariate order statistics in a norm sense 868

A. OLENKO and D. OMARI

Reduction principle for functionals of strong-weak dependent vector random fields 885

