

100: STATISTICAL PROCESS CONTROL

Monitoring paper production using a spectral control chart designed to detect in the presence of multiple cycles, <i>L.A. McSweeney</i>	110:Y	121
Unit and group-runs chart to identify increases in fraction nonconforming, <i>M.P. Gadre, R.N. Rattihalli</i>	110:Y	125
Using CUSUM control schemes for monitoring quality levels in compound Poisson production environment: The geometric Poisson process, <i>Ching-Wen Chen, Paul H. Randolph, Tian-Shy Liou</i>	110:Y	127
New corrections for old control charts, <i>Willem Albers, Wilbert C.M. Kallenberg</i>	110:Y	129
Parameter estimation and design considerations in prospective applications of the \bar{X} chart, <i>Subha Chakraborti</i>	111:Y	131
Optimization of design parameters for \bar{x} control charts with multiple assignable cause, <i>Fong-Jung Yu, Jiang-Liang Hou</i>	111:Y	137
X-charts versus X/MR chart combinations: IID cases and non-IID cases, <i>Dewi Rahardja</i>	111:Y	143
Evaluating and implementing 3-level control charts, <i>C. Richard Cassady, Joel A. Nachlas</i>	112:Y	145
A neural network method for modelling the parameters of a CUSUM chart, <i>M.A.A. Cox</i>	119:Y	149
Supplier selection based on process capability and price analysis, <i>Richard J. Linn, Fugee Tsung, Lau Wai Choi Ellis</i>	120:Y	151
Effect of testing normality on estimating process capability indices, <i>Chien-Pai Han</i>	120:Y	153
Testing process capability based on C_{pm} in the presence of random measurement errors, <i>W.L. Pearn, M.H. Shu, B.M. Hsu</i>	120:Y	155

Quantitative techniques to evaluate process stability, *Brenda Ramirez, George Runger* 120:Y 157

Use SPC for everyday work processes, *Greg Gruska, Chad Kymal* 130:Y 159

200: SAMPLING PRINCIPLES AND PLANS

Inference for domains under imputation for missing survey data, *David Haziza, J.N.K.Rao* 210:Y 161

Confidence limits for estimates of totals from stratified samples, with application to Medicare Part B overpayment audits, *Donna L. Mohr* 210:Y 163

Improved ratio estimators in stratified sampling, *David Shabbir, Sat Gupta* 210:Y 165

Sample-size-restrictive adaptive sampling: An application in estimating localized elements, *Arijit Chaudhuri, Mausumi Bose, Kajal Dihidar* 210:Y 171

Sub-sampling the non-respondents in two-stage sampling over two successive occasions, *F.C. Okafor* 210:Y 173

Repetitive group sampling procedure for variables inspection, *S. Balamurali, Chi-Hyuck Jun* 230:Y 175

On the bias of the multiple-imputation variance estimator in survey sampling, *Jae Kwang Kim, J. Michael Brick, Graham Kalton, Wayne A. Fuller, Iowa State University, Ames, IA* 230:Y 181

Estimation of sensitive quantitative characteristics in randomized response sampling, *Kuo-Chung Huang, Chun-Hsiung Lan, Mei-Pei Kuo* 290:Y 187

500: EXPERIMENTATION AND CORRELATION

On the accuracy of statistical procedures in Microsoft Excel 2003, *B.D. McCullough, Berry Wilson* 510:Y 191

Empirical likelihood tests for two-sample problems via nonparametric density estimation, *Ricardo Cao, Ingrid Van Keilegom* 511:Y 193

A method for determining equivalence in industrial settings: Defining and testing the equivalence of two methods or two laboratories, *Jorge Quiroz* 511:Y 199

Bayesian inference for the mean and standard deviation of a normal population when only the sample size, mean and range are observed, *Enrique de Alba, Juan J. Fernandez-Duran, M. Mercedes Gregorio-Dominguez* 512:Y 201

Evaluating relationship of consistency ratio and number of alternatives on rank reversal in the AHP, *Hendry Raharjo, Dini Endah* 515:Y 205

Uncertainty and sensitivity analysis techniques as tools for the quality assessment of composite indicators, *M. Saisana, A. Saltelli, S. Tarantola* 519:Y 207

Empirical likelihood for parametric model under imputation for missing data, *Lichun Wang, Qihua Wang* 519:Y 209

One- and two-sided tolerance intervals for general balanced mixed models and unbalanced one-way random models, *C.T. Liao, T.Y. Lin, H.K. Iyer* 520:Y 211

Designing field experiments which are subject to representation bias, *Rob Deardon, Steven G. Gilmour, Neil A. Butler, Kath Phelps, Roy Kennedy, Warwick HRI, Wellesbourne, United Kingdom* 521:Y 213

Tests for balanced incomplete block ranked data with ties, *D.J. Best, J.C.W. Rayner, P.B. Brockhoff* 522:Y 217

Estimating the conditional variance of Y , given X , in a simple regression model, *Rand R. Wilcox* 541:Y 219

Time-series forecasting using flexible neural tree model, *Yuehui Chen, Bo Yang, Jiwen Dong, Ajith Abraham* 544:Y 221

600: APPLICATIONS

Modeling and managing the percentage of satisfied customers in hidden and revealed waiting line systems, *Chester Chambers, Panagiotis Kouvelis* 670:S 225

Nationwide branching and its impact on market structure, quality, and bank performance, *Astrid A. Dick* 670:Z 227

An economic analysis for product and process design, *Fernando L. Taracena* 690:M 229

800: RELIABILITY

On some reliability measures and their stochastic orderings
for the Topp-Leone distribution, *M.E. Ghitany, S. Kotz, M.
Xie* 820:Y 231

Gas system failure rate, *T. van der Hoeven, A.G.M.
Steerneman* 820:Z 233

JOURNAL CONTENTS 235

BOOK CONTENTS 239

