Current Index to Statistics ▾

George Box

Refine Results Submit Reset

Matches: 104

Showing 100   Format Brief   Sort by Newest

‹ 1 2 ›

CIS-469450

Box, George E. P. "There goes Bill!": Bill Hunter and some ideas on experimental design†. Wiley Interdisciplinary Reviews: Computational Statistics 5 (2013) , no. 4 , 267 —278 .

Article

CIS-190596

Box, George ; Bisgaard, S∅ren ; Graves, Spencer ; Kulahci, Murat ; Marko, Ken ; James, John ; Van Gilder, John ; Ting, Tom ; Zatorski, Hal ; Wu, Cuiping Performance evaluation of dynamic monitoring systems: The waterfall chart. Quality Engineering 16 (2003) , no. 2 , 183 —191 .

CIS-190575

Kulahci, Murat ; E. P. Box, George Catalysis of discovery and development in engineering and industry#. Quality Engineering 15 (2003) , no. 3 , 513 —517 .

CIS-190225

Kulahci, Murat ; E. P. Box, George Catalysis of discovery and development in engineering and industry #. Quality Engineering 15 (2003) , no. 3 , 513 —517 .

CIS-179856

Luceno, Alberto ; Box, George E. P. ; Luceño, Alberto Feedforward as a supplement to feedback adjustment in allowing for feedstock changes. Journal of Applied Statistics 29 (2002) , no. 8 , 1241 —1254 .

Keywords: IMA   integrated moving average time series model

CIS-190494

Box, George Comparisons, absolute values, and how I got to go to the folies bergères†. Quality Engineering 14 (2001) , no. 1 , 167 —169 .

CIS-190149

Box, George Comparisons, absolute values, and how I got to go to the folies bergères2 †. Quality Engineering 14 (2001) , no. 1 , 167 —169 .

CIS-173220

Box, George ; Hau, Ian Experimental designs when there are one or more factor constraints. Journal of Applied Statistics 28 (2001) , no. 8 , 973 —989 .

Keywords: Industry   engineering   response surface methodology

---

CIS-173162

Box, George Statistics for discovery. Journal of Applied Statistics 28 (2001) , no. 3-4 , 285 —299 .

Keywords: Exploratory data analysis   Industrial statistics   Model selection   scientific learning

---

CIS-172048

Box, George E. P. ; Tyssedal, John Sixteen run designs of high projectivity for factor screening. Communications in Statistics: Simulation and Computation 30 (2001) , no. 2 , 217 —228 .

Keywords: Factorial design   Orthogonal array   Screening design

CIS-165333

Luceno, Alberto ; Box, George E. P. Influence of the sampling interval, decision limit and autocorrelation on the average run length in Cusum charts. Journal of Applied Statistics 27 (2000) , no. 2 , 177 —183 .

Keywords: engineering and industry | one-sided CUSUM charts

CIS-5148

Bisgaard, Soeren ; Bisgaard, Soren ; Box, George E. P. ; Tiao, George C. ; Bisgaard, Søren Box on quality and discovery: with design, control, and robustness. (2000) .

CIS-157733

Box, George E. P. Reply to comments on ``Statistics as a catalyst to learning by scientific method'' (Pkg: p1-74). Journal of Quality Technology 31 (1999) , 67 —72 .

CIS-157726

Box, George E. P. Statistics as a catalyst to learning by scientific method, Part II -- An Discussion (Pkg: p1-74). Journal of Quality Technology 31 (1999) , 16 —29 .

Keywords: Factorial design | Response surface design | Robustness

CIS-157725

Box, George E. P. ; Liu, Patrick Y. T. Statistics as a catalyst to learning by scientific method, Part I -- An example (Pkg: p1-74). Journal of Quality Technology 31 (1999) , 1 —15 .

Keywords: Fractional factorial design | Sequential design

CIS-5081

Box, George E. P. ; Draper, Norman Richard Evolutionary operation: a statistical method for process improvement. (1998) .

CIS-141889

Luceno, Alberto ; Box, George ; Luceño, Alberto Discrete proportional-integral adjustment and statistical process control. Journal of Quality Technology 29 (1997) , 248 —260 .

Keywords: Exponential smoothing

CIS-141876

Box, George E. P. ; Coleman, David E. ; Baxley, Robert V., Jr A comparison of statistical process control and engineering process control. Journal of Quality Technology 29 (1997) , 128 —130 .

CIS-5048

Luceno, Alberto ; Box, George E. P. ; Luceño, Alberto Statistical control by monitoring and feedback adjustment. (1997) .

CIS-520643

Box, George Scientific statistics, teaching, learning and the computer. (1996) , 3 —10 .

CIS-192337

Box, George E. P. Role of statistics in quality and productivity improvement. Journal of Applied Statistics 23 (1996) , no. 1 , 3 —20 .

CIS-137486

Meyer, R. Daniel ; Steinberg, David S. ; Box, George Reply to comments on ``Follow-up designs to resolve confounding in multifactor experiments''. Technometrics 38 (1996) , 327 —332 .

CIS-137480

Meyer, R. Daniel ; Steinberg, David M. ; Box, George Follow-up designs to resolve confounding in multifactor experiments (Disc: p314-332). Technometrics 38 (1996) , 303 —313 .

Keywords: Bayesian approach | Design augmentation | Factor sparsity | Fractional factorial design | Model discrimination | Screening designs

CIS-133685

Box, George E. P. Role of statistics in quality and productivity improvement. Journal of Applied Statistics 23 (1996) , 3 —20 .

Keywords: Experimental design | Robustness | Taguchi method

CIS-131627

Box, George ; Tyssedal, John Projective properties of certain orthogonal arrays. Biometrika 83 (1996) , 950 —955 .

Keywords: Fractional factorial design | Plackett-Burman design

---

CIS-129958

[Luceno, Alberto](#) ; [Box, George E. P.](#) ; [Luceño, Alberto](#) Discrete proportional-integral control with constrained adjustment. [The Statistician: Journal of the Institute of Statisticians](#) 44 (1995) , 479 —495 .

Keywords: Control chart

CIS-123130

[Luceno, Alberto](#) ; [Box, George](#) ; [Luceño, Alberto](#) Selection of sampling interval and action limit for discrete feedback adjustment. [Technometrics](#) 36 (1994) , 369 —378 .

Keywords: Process control

CIS-120668

[Box, George](#) Statistics and quality improvement. [Journal of the Royal Statistical Society, Series A: Statistics in Society](#) 157 (1994) , 209 —229 .

Keywords: Experimental design | Process control

CIS-7730

[Box, George E. P.](#) ; [Jenkins, Gwilym M.](#) ; [Reinsel, Gregory C.](#) Time series analysis: forecasting and control. (1994) .

CIS-112566

[Box, George](#) Quality improvement -- The new industrial revolution (Disc: p21-26). [International Statistical Review](#) 61 (1993) , 3 —19 .

Keywords: Experimental design | Process control

CIS-528503

[Wendelberger, Joanne](#) ; [Box, George](#) Identification and estimation of sources of transmitted variation. (1992) , 71 —76 .

CIS-528463

[Box, George E. P.](#) Process adjustment and quality control. (1992) , 25 —35 .

CIS-457530

[Box, George](#) ; [Ramírez, José](#) Cumulative score charts. [Quality and Reliability Engineering International](#) 8 (1992) , no. 1 , 17 —27 .

[Article](#)

CIS-109703

[Box, George](#) ; [Kramer, Tim](#) Reply to comments on ``Statistical process monitoring and feedback adjustment -- A discussion''. [Technometrics](#) 34 (1992) , 282 —285 .

CIS-109697

[Box, George](#) ; [Kramer, Tim](#) Statistical process monitoring and feedback adjustment -- A discussion (Disc: p268-285). [Technometrics](#) 34 (1992) , 251 —267 .

Keywords: Control chart | Process control

CIS-108244

[Box, George E. P.](#) What can you find out from sixteen experimental runs?. [Quality Engineering](#) 5 (1992) , 167 —178 .

Keywords: Fractional factorial design | Orthogonal array

CIS-107118

[Box, George E. P.](#) Research and training for quality improvement. [Journal of Official Statistics](#) 8 (1992) , 119 —128 .

Keywords: Experimental design

CIS-106465

[Box, George](#) ; [Jones, Stephen](#) Split-plot designs for robust product experimentation. [Journal of Applied Statistics](#) 19 (1992) , 3 —26 .

Keywords: Taguchi method

CIS-5255

[Box, George E. P.](#) ; [Tiao, George C.](#) Bayesian inference in statistical analysis. (1992) .

CIS-531568

Box, George ; Kramer, Tim Industrial process control -- A multifaceted problem. (1990) , 86 —95 .

CIS-530876

Chen, Gina G. ; Box, George P. The weighting pattern of a Bayesian robust estimator. (1990) , 3 —21 .

CIS-402591

Box, George [The Unity and Diversity of Probability]: Comment. Statistical Science 5 (1990) , no. 4 , 448 —449 .

Article

CIS-402576

Box, George [Applications in Business and Economic Statistics: Some Personal Views]: Comment. Statistical Science 5 (1990) , no. 4 , 390 —391 .

Article

CIS-96752

Box, George Comments on ``Communications between statisticians and engineers/physical scientists''. Technometrics 32 (1990) , 251 —252 .

CIS-96349

Box, George Comments on ``The unity and diversity of probability''. Statistical Science 5 (1990) , 448 —449 .

CIS-96334

Box, George Comments on ``Applications in business and economic statistics: Some personal views''. Statistical Science 5 (1990) , 390 —391 .

CIS-95439

Box, George E. P. Integration of techniques in process development. Quality Engineering 3 (1990) , 9 —26 .

Keywords: Response surface

CIS-533522

Box, George Research and training for quality improvement. (1989) , 462 —470 .

CIS-457793

Bisgaard, Søren ; Box, George ; Fung, Conrad An explanation and critique of taguchi's contributions to quality engineering. Quality and Reliability Engineering International 4 (1988) , no. 2 , 123 —131 .

Article

CIS-84191

Box, George Reply to comments on ``Signal-to-noise ratios, performance criteria, and transformations''. Technometrics 30 (1988) , 38 —40 .

CIS-84184

Box, George Signal-to-noise ratios, performance criteria, and transformations (C/R: p19-40). Technometrics 30 (1988) , 1 —17 .

Keywords: Data analysis | Experimental design | Optimization | Taguchi

---

CIS-536506

Box, George E. P. ; Meyer, R. Daniel Analysis of unreplicated factorials allowing for possibly faulty observations. (1987) , 1 —12 .

CIS-536197

Box, George E. P. Reply to comments on ``Some aspects of statistical design in quality improvement''. (1987) , 52 —52 .

CIS-536195

Box, George E. P. ; Meyer, R. Daniel Some aspects of statistical design in quality improvement (C/R: p49-52). (1987) , 37 —49 .

CIS-77912

Box, George ; Fung, Conrad A. Comments on ``Performance measures independent of adjustment: An explanation and extension of Taguchi's signal-to-noise ratios''. Technometrics 29 (1987) , 270 —270 .

CIS-77908

Box, George In memoriam: William G. Hunter, 1937-1986. Technometrics 29 (1987) , 251 —252 .

CIS-76669

Box, George E. P. ; Bisgaard, Soren The scientific context of quality improvement. Quality Progress 20 (1987) , no. 6 , 54 —61 .

CIS-74817

Peña, Daniel ; Pena, Daniel ; Box, George E. P. Identifying a simplifying structure in time series. Journal of the American Statistical Association 82 (1987) , 836 —843 .

Keywords: Canonical transformation | Factor analysis | Time series

CIS-74744

Box, George E. P. ; Pierce, David A. ; Newbold, Paul Estimating trend and growth rates in seasonal time series. Journal of the American Statistical Association 82 (1987) , 276 —282 .

Keywords: Decomposition | Forecasting | Unobserved-components model

CIS-5320

Box, George E. P. ; Draper, Norman Richard Empirical model-building and response surfaces. (1987) .

CIS-71731

Box, George ; Jones, Stephen Comments on ``Testing in industrial experiments with ordered categorical data''. Technometrics 28 (1986) , 295 —301 .

CIS-71700

Box, George E. P. ; Meyer, R. Daniel Dispersion effects from fractional designs (Corr: V29 p250). Technometrics 28 (1986) , 19 —27 .

Keywords: Experimental design | Quality control

CIS-71699

Box, George E. P. ; Meyer, R. Daniel An analysis for unreplicated fractional factorials. Technometrics 28 (1986) , 11 —18 .

Keywords: Experimental design | Quality control

CIS-508954

Box, G. E. P. ; Tiao, George C. A note on criterion robustness and inference robustness. (1985) , 131 —135 .

CIS-508892

Box, G. E. P. ; Hillmer, Steven C. ; Tiao, George C. Analysis and modeling of seasonal time series (Pkg: p211-246). (1985) , 211 —236 .

CIS-508883

Box, G. E. P. ; Tiao, George C. A change in level of a non-stationary time series. (1985) , 55 —66 .

CIS-63015

Box, George E. P. Comments on ``Off-line quality control, parameter design, and the Taguchi method''. Journal of Quality Technology 17 (1985) , 189 —190 .

CIS-61326

Box, George E. P. Experimental design for product improvement. Communications in Statistics: Theory and Methods 14 (1985) , 2605 —2605 .

Keywords: Bayesian approach | Fractional factorial design | Model identification

CIS-542390

Pena, Daniel ; Box, George E. P. Hidden relationships in multivariate time series. (1984) , 494 —499 .

CIS-541616

Box, George E. P. ; Kanemasu, Hiromitsu Constrained nonlinear least squares. (1984) , 297 —318 .

CIS-541154

Box, George E. P. Anatomy of some time series models. (1984) , 489 —508 .

CIS-59083

Box, George E. P. The importance of practice in the development of statistics. Technometrics 26 (1984) , 1 —8 .

Keywords: ARIMA | Analysis of variance | Bioassay | Data analysis | Design | Least squares | Quality control | Randomization | Ratio estimator | Studentization

---

CIS-52675

Box, George E. P. Gwilym Jenkins, experimental design and the time series. Qüestiió (Barcelona) 7 (1983) , 515 —525 .

CIS-545148

Box, George E. P. ; Draper, Norman R. Evolutionary operation (EVOP). (1982) , 564 —572 .

CIS-547181

Box, George E. P. Parametric time series with some applications. (1980) , 32 —48 .

CIS-38766

Ljung, Greta M. ; Box, George E. P. Analysis of variance with autocorrelated observations. Scandinavian Journal of Statistics 7 (1980) , 172 —180 .

Keywords: Bayesian inference | Robustness

CIS-37791

Box, George E. P. Reply to comments on ``Sampling and Bayes' inference in scientific modelling and robustness''. Journal of the Royal Statistical Society, Series A: General 143 (1980) , 425 —430 .

CIS-37764

Box, George E. P. Sampling and Bayes' inference in scientific modelling and robustness (C/R: p404-430). Journal of the Royal Statistical Society, Series A: General 143 (1980) , 383 —430 .

Keywords: Diagnostic check | Outlier | Predictive distribution

---

CIS-35409

Box, George E. P. Comments on ``Preparing statisticians for careers in industry: Report of the ASA Section on Statistical Education Committee on Training of Statisticians for Industry'' (p65-75). The American Statistician 34 (1980) , 76 —77 .

CIS-34808

Abraham, Bovas ; Box, George E. P. Sampling interval and feedback control. Technometrics 21 (1979) , 1 —8 .

Keywords: Minimum mean square error control | Process control | Time series | Transfer function

---

CIS-32771

Box, George E. P. Some problems of statistics and everyday life. Journal of the American Statistical Association 74 (1979) , 1 —4 .

Keywords: ASA Presidential Address

CIS-32058

Ljung, Greta M. ; Box, George E. P. The likelihood function of stationary autoregressive-moving average models. Biometrika 66 (1979) , 265 —270 .

Keywords: ARMA | Time series

CIS-32054

Abraham, Bovas ; Box, George E. P. Bayesian analysis of some outlier problems in time series. Biometrika 66 (1979) , 229 —236 .

Keywords: Aberrant innovation | Autoregression | Posterior distribution

---

CIS-27648

Abraham, Bovas ; Box, George E. P. Linear models and spurious observations. Applied Statistics 27 (1978) , 131 —138 .

Keywords: t-distribution | Posterior distribution

CIS-27647

Abraham, Bovas ; Box, George E. P. Deterministic and forecast-adaptive time-dependent models. Applied Statistics 27 (1978) , 120 —130 .

Keywords: ARIMA | Memory adaptive models | Shift formulae | Simplifying operators

---

CIS-4713

Box, George E. P. ; Hunter, William G. ; Hunter, J. Stuart Statistics for experiments: An introduction to design, data analysis, and model building. (1978) .

CIS-26967

Box, George E. P. Statistics and the environment. UIR/Research Newsletter 11 (1977) , no. 2 , 22 —30 .

CIS-22389

Box, George E. P. ; MacGregor, John F. Parameter estimation with closed-loop operating data. Technometrics 18 (1976) , 371 —380 .

Keywords: Adaptive control | Dynamic-stochastic model | Feedback control | PID controller | Process control | Process monitoring | Time series | Transfer function

CIS-20483

Box, George E. P. Science and statistics. Journal of the American Statistical Association 71 (1976) , 791 —799 .

Keywords: Distributed lag | Experimental iteration | Fisher Memorial Lecture | History | Inference | Nonlinear estimator | Parsimony | R. A. Fisher | Randomization

CIS-4006

Box, George E. P. ; Jenkins, Gwilym M. Time series analysis: forecasting and control. (1976) .

CIS-15309

Box, George E. P. ; Draper, Norman R. Robust designs. Biometrika 62 (1975) , 347 —352 .

Keywords: Optimal design | Outlier | Outliers, robust design | Residual | Response surface

CIS-14212

Box, George E. P. ; MacGregor, John F. The analysis of closed-loop dynamic-stochastic systems. Technometrics 16 (1974) , 391 —398 .

Keywords: Chemical engineering | Cross-correlation function | Diagnostic checking | Estimation | Feedback control | Model identification | Process control | Time series

CIS-14211

Box, George E. P. ; Hill, William J. Correcting inhomogeneity of variance with power transformation weighting. Technometrics 16 (1974) , 385 —389 .

Keywords: Bayesian approach | Box-Cox transformation | Residuals | Transformation | Weighted least squares

CIS-11350

Box, George E. P. ; MacGregor, John F. Comments on ``An application of stochastic and dynamic models for the control of a papermaking process'' (V14 p481-96). Technometrics 14 (1972) , 985 —986 .

CIS-9765

Box, George E. P. ; Newbold, Paul Comments on ``Lagged relationships in economic forecasting''(69V132 p133-163). Journal of the Royal Statistical Society, Series A: General 134 (1971) , 229 —240 .

Keywords: Economic forecasting

CIS-6391

Box, George E. P. ; Draper, Norman R. Isn't my process too variable for EVOP?. Technometrics 10 (1968) , 439 —444 .

Keywords: Evolutionary operation | Productivity

CIS-5920

Box, G. E. P. ; Tiao, George C. A Bayesian approach to some outlier problems. Biometrika 55 (1968) , 119 —129 .

Keywords: Linear model | Runs

CIS-4888

Tiao, George C. ; Box, G. E. P. Bayesian analysis of a three-component hierarchical design model. Biometrika 54 (1967) , 109 —125 .

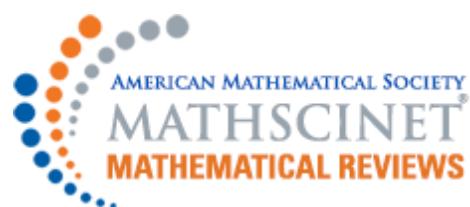**Keywords:** Chi-squared approximation | Pooled variance estimate

CIS-4379

Box, George E. P. Use and abuse of regression. Technometrics 8 (1966) , 625 —629 .

Keywords: Design of experiments | Latent variables | Observational data

CIS-4345

Box, George E. P. A note on augmented designs. Technometrics 8 (1966) , 184 —188 .

Keywords: Design of experiments | Fractional factorial | Interaction

Matches: 104

‹ | 1 | 2 | ›

Search Tips

AMS AMERICAN MATHEMATICAL SOCIETY

Current Index to Statistics ▾

George Box

Refine Results   Submit   Reset

Matches: 104

Showing   100   Format   Brief   Sort by   Newest   ‹ **1** 2 ›

CIS-4334
Box, George E. P. A simple system of evolutionary operation subject to empirical feedback. Technometrics 8 (1966) , 19 —26 .
Keywords: Process improvement   Scientific feedback

CIS-3069
Box, G. E. P. ; Tiao, George C. A change in level of a non-stationary time series. Biometrika 52 (1965) , 181 —192 .
Keywords: Truncation   Weight function

CIS-2901
Box, G. E. P. ; Tiao, George C. Multiparameter problems from a Bayesian point of view. The Annals of Mathematical Statistics 36 (1965) , 1468 —1482 .
Article

CIS-1646
Box, George E. P. Comments on ``On the foundations of statistical inference''. Journal of the American Statistical Association 57 (1962) , 311 —312 .

Matches: 104

‹ **1** 2 ›