

STATISTICAL SCIENCE

Contents of Volume 8 (1993)

IN THIS ISSUE

February, 1-2; May, 81; August, 203; November, 355.

ARTICLES

- ALDOUS, DAVID. Approximate counting via Markov Chains, 16-19
- ALDOUS, DAVID and STEELE, J. MICHAEL. Introduction to the interface of probability and algorithms, 3-9
- BACCHETTI, PETER, SEGAL, MARK R. and JEWELL, NICHOLAS P. Backcalculation of HIV infection rates, 82-101. Rejoinder, 114-119
- BANKS, DAVID. Is industrial statistics out of control? 356-377. Rejoinder, 402-409
- BELLHOUSE, DAVID. The role of roguery in the history of probability, 410-420
- BENEDETTI, JACQUELINE, GREEN, STEPHANIE, LEE, MEILING and CROWLEY, JOHN. Report of the ad hoc committee on design of an experiment on double-blind refereeing, 318-320
- BERTSIMAS, DIMITRIS and TSITSIKLIS, JOHN. Simulated annealing, 10-15
- BILLARD, L. Comment on Cox, David, Gleser, Leon, Perlman, Michael, Reid, Nancy and Roeder, Kathryn; and Benedetti, Jacqueline, Green, Stephanie, Lee, Mei-Ling and Crowley, John, 320-322
- BROOKMEYER, RON. Comment on Bacchetti, Peter, Segal, Mark R. and Jewell, Nicholas P., 102-104
- CARLIN, JOHN B. and GELMAN, ANDREW. Comment: Assessing uncertainty in backprojection, on Bacchetti, Peter, Segal, Mark R. and Jewell, Nicholas P., 104-106
- CARROLL, R. J. Comment on Cox, David, Gleser, Leon, Perlman, Michael, Reid, Nancy and Roeder, Kathryn; and Benedetti, Jacqueline, Green, Stephanie, Lee, Mei-Ling and Crowley, John, 323
- CNAAN, AVITAL. Comment on Banks, David, 378-379
- COFFMAN, E. G., JR., JOHNSON, D. S., LUEKER, G. S. and SHOR, P. W. Probabilistic analysis of packing and related partitioning problems, 40-47
- CONWAY, DELORES A. Comment on Gray, Mary W., 158-165
- COWELL, ROBERT G. (see Spiegelhalter, David J.)
- COX, DAVID, GLESER, LEON, PERLMAN, MICHAEL, REID, NANCY and ROEDER, KATHRYN. Report of the ad hoc committee on double-blind refereeing, 310-317
- COX, D. R. and WERMUTH, NANNY. Linear dependencies represented by chain graphs, 204-218. Rejoinder, 276-277
- CROWLEY, JOHN. (see Benedetti, Jacqueline)
- DAWID, A. PHILIP. (see Spiegelhalter, David J.)
- DE GRUTTOLA, VICTOR and PAGANO, MARCELLO. Comment on Bacchetti, Peter, Segal, Mark R. and Jewell, Nicholas P., 109
- DEMPSTER, A. P. Comment: Assessing the science behind graphical modelling techniques, on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 247-250
- DRUM, MELINDA and McCULLAGH, PETER. Comment on Fitzmaurice, Garrett M., Laird, Nan M. and Rotnitzky, Andrea G., 300-301
- DUFFY, DIANE E. Comment on Banks, David, 380-384
- FAN, J. and MARRON, J. S. Comment on Hastie, Trevor and Loader, Clive, 129-134
- FEIGENBAUM, JOAN. Probabilistic algorithms for defeating adversaries, 26-30
- FEIGENBAUM, JOAN and LAGARIAS, JEFFREY C. Probabilistic algorithms for speedup, 20-25
- FITZMAURICE, GARRETT M., LAIRD, NAN M. and ROTNITZKY, ANDREA G. Regression models for discrete longitudinal responses, 284-299. Rejoinder, 306-309
- GAIL, MITCHELL H. and ROSENBERG, PHILIP S. Comment on Bacchetti, Peter, Segal, Mark R. and Jewell, Nicholas P., 107-109
- GASTWIRTH, JOSEPH L. Comment on Gray, Mary W., 165-171
- GELMAN, ANDREW. (see Carlin, John B.)
- GENEST, CHRISTIAN. Comment on Cox, David, Gleser, Leon, Perlman, Michael, Reid, Nancy and Roeder, Kathryn; and Benedetti, Jacqueline, Green, Stephanie, Lee, Mei-Ling and Crowley, John, 323-327
- GLESER, LEON. (see Cox, David)
- GLYMOUR, CLARK and SPIRTESS, PETER. Comment: Conditional independence and causal inference, on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 250-257
- GRAY, MARY W. Can statistics tell us what we do not want to hear? The case of complex salary structures, 144-158. Rejoinder, 177-179
- GREEN, STEPHANIE. (see Benedetti, Jacqueline)
- HAHN, GERALD J. Comment on Banks, David, 384-387
- HASTIE, TREVOR and LOADER, CLIVE. Local regression: Automatic kernel carpentry, 120-129. Rejoinder, 139-143
- HEAGERTY, PATRICK. (see Zeger, Scott L.)
- HILL, JOE R. Comment on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 258-261
- HOGG, ROBERT V. Comment on Banks, David, 387-391
- HORNSTEIN, JOHN. (see Malley, James D.)
- JEWELL, NICHOLAS P. (see Bacchetti, Peter)
- JOHNSON, D. S. (see Coffman, E. G., Jr.)
- KARON, JOHN M. and SATTEN, GLEN A. Comment on Bacchetti, Peter, Segal, Mark R. and Jewell, Nicholas P., 109-112
- LAGARIAS, JEFFREY C. Pseudorandom numbers, 31-39
- LAGARIAS, JEFFREY C. (see Feigenbaum, Joan)
- LAIRD, NAN M. (see Fitzmaurice, Garrett M.)

- LAURITZEN, STEFFEN L. (see Spiegelhalter, David J.)
 LEE, MEI-LING. (see Benedetti, Jacqueline)
 LEHMANN, E. L. Mentors and early collaborators: Reminiscences from the years 1940-1956 with an epilogue, 331-341
 LIANG, KUNG-YEE. (see Zeger, Scott L.)
 LOADER, CLIVE. (see Hastie, Trevor)
 LUEKER, G. S. (see Coffman, E. G., Jr.)
 MADIGAN, DAVID. Comment: What's next?, on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 261-263
 MAGGS, BRUCE M. Randomly wired multistage networks, 70-75
 MALLEY, JAMES D. and HORNSTEIN, JOHN. Quantum statistical inference, 433-457
 MANCL, LLOYD A. (see Prentice, Ross L.)
 MARRON, J. S. (see Fan, J.)
 MCCULLAGH, PETER. (see Drum, Melinda)
 MULIERE, PIETRO and PARMIGIANI, GIOVANNI. Utility and means in the 1930s, 421-432
 MÜLLER, HANS-GEORG. Comment on Hastie, Trevor and Loader, Clive, 134-139
 NAIR, VIJAYAN N. and PREGIBON, DARYL. Comment on Banks, David, 391-394
 NORMAND, SHARON-LISE. Comment on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 263-265
 ORCHARD, T. J. Comment on Banks, David, 394-395
 PAGANO, MARCELLO. (see De Gruttola, Victor)
 PARMIGIANI, GIOVANNI. (see Muliere, Pietro)
 PEARL, JUDEA. Comment: Graphical models, causality and intervention, on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 266-269
 PERLMAN, MICHAEL. (see Cox, David)
 PREGIBON, DARYL. (see Nair, Vijayan N.)
 PRENTICE, ROSS L. and MANCL, LLOYD A. Comment on Fitzmaurice, Garrett M., Laird, Nan M. and Rotnitzky, Andrea G., 302-304
 RAMACHANDRAN, VIJAYA. Randomization in parallel algorithms, 65-69
 REID, NANCY. (see Cox, David)
 ROBERTS, HARRY V. Comment on Gray, Mary W., 171-176
 ROBINSON, G. K. Comment on Banks, David, 395-397
 ROEDER, KATHRYN. (see Cox, David)
 ROSENBERG, PHILIP S. (see Gail, Mitchell H.)
 ROTNITZKY, ANDREA G. (see Fitzmaurice, Garrett M.)
 SATTEN, GLEN A. (see Karon, John M.)
 SEGAL, MARK R. (see Bacchetti, Peter)
 SENETA, EUGENE. Lewis Carroll's "Pillow Problems": On the 1993 centenary, 180-186
 SHAMIR, RON. Probabilistic analysis in linear programming, 57-64
 SHOR, P. W. (see Coffman, E. G., Jr.)
 SOBEL, MICHAEL E. Comment on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 269-273
 SOLOMON, PATRICIA J. and WILSON, SUSAN R. Comment on Bacchetti, Peter, Segal, Mark R. and Jewell, Nicholas P., 112-114
 SPIEGELHALTER, DAVID J., DAWID, A. PHILIP, LAURITZEN, STEFFEN L. and COWELL, ROBERT G. Bayesian analysis in expert systems, 219-247. Rejoinder, 277-283
 SPIRITES, PETER. (see Glymour, Clark)
 STEELE, J. MICHAEL. Missing pieces, derandomization and concluding remarks, 76-77
 STEELE, J. MICHAEL. Probability and problems in Euclidean combinatorial optimization, 48-56
 STEELE, J. MICHAEL. (see Aldous, David)
 TSITSIKLIS, JOHN. (see Bertsimas, Dimitris)
 VAN ZWET, WILLEM R. Comment on Cox, David, Gleser, Leon, Perlman, Michael, Reid, Nancy and Roeder, Kathryn; and Benedetti, Jacqueline, Green, Stephanie, Lee, Mei-Ling and Crowley, John, 327-330
 WERMUTH, NANNY. (see Cox, D. R.)
 WHITTAKER, JOE. Comment on Cox, D.R. and Wermuth, Nanny; and Spiegelhalter, David J., Dawid, A. Philip, Lauritzen, Steffen L. and Cowell, Robert G., 273-276
 WILSON, SUSAN R. (see Solomon, Patricia J.)
 WOODALL, WILLIAM H. Comment on Banks, David, 397-399
 WU, C. F. J. Comment on Banks, David, 399-400
 WYNN, H. P. Comment on Banks, David, 400-402
 ZEGER, SCOTT L., LIANG, KUNG-YEE and HEAGERTY, PATRICK. Comment on Fitzmaurice, Garrett M., Laird, Nan M. and Rotnitzky, Andrea G., 304-306

CONVERSATIONS

- FLOURNOY, NANCY. A conversation with Wilfrid J. Dixon, 458-477
 MACNEILL, IAN. A conversation with David J. Finney, 187-201
 WHITTLE, PETER. A conversation with Henry Daniels, 342-353

PUBLICATIONS RECEIVED

February, 79-80