A Complete Bibliography of *Applied Statistics*: 1990–1999

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

12 August 2014
Version 4.08

Title word cross-reference

2×2 [372, 595]. $2 \times K$ [401]. χ^2 [245, 122]. F [566]. J [575]. k [88]. κ [380]. L_1 [265, 94]. L_∞ [94]. N [575, 193, 368, 418]. p [504, 296]. QR [174]. t [324, 247, 562]. W [474].

-coefficient [380]. **-distributed** [562]. **-distribution** [566]. **-Norm** [265]. **-test** [474]. **-Tests** [324]. **-Values** [504, 296].

1 [145]. **1.1** [433]. **1.10** [172]. **1.2** [404]. **1.25** [215]. **1.3** [115]. **109** [59, 123, 124, 4]. **121** [175]. **139** [340]. **152** [147]. **179** [543]. **181** [474]. **185** [148]. **189** [473]. **1986** [18]. **199** [149]. **2.05** [215]. **206** [125, 126]. **221** [35, 34]. **226** [60, 475, 5]. **229** [388]. **238** [265]. **251** [353]. **252** [31]. **253** [32]. **254** [56]. **255** [57]. **256** [58]. **257** [80]. **258** [81]. **259** [82]. **260** [117]. **261** [118]. **262** [119]. **263** [120]. **264** [121]. **265** [145]. **266** [146]. **267** [173]. **268** [174, 490]. **269** [216, 299]. **270** [217]. **271** [218, 266]. **272** [219]. **273** [243]. **274** [244, 415, 416]. **275** [245]. **276** [246]. **277** [263]. **278** [264]. **279** [504, 296]. **280** [297]. **281** [298]. **282** [323]. **283** [324]. **284** [338]. **285** [339]. **286** [351]. **287** [352]. **288** [371]. **289** [372]. **290** [373]. **291** [387]. **292** [400]. **293** [401]. **294** [402]. **295** [414]. **296** [445]. **297** [446]. **298** [471]. **299** [472]. **2nd** [73, 46, 26, 204, 235, 318, 312].

3.0 [144]. **300** [489]. **301** [502]. **302** [503].

303 [514]. **304** [515]. **305** [526]. **306** [527]. **307** [528]. **308** [538]. **309** [539]. **310** [540]. **311** [541]. **312** [542]. **313** [553]. **314** [554]. **315** [562]. **316** [563]. **317** [565]. **318** [566]. **319** [574]. **320** [575]. **321** [576]. **3rd** [320, 205].

4 [417]. **4th** [103, 213, 69].

5V [116].

6.01 [55]. **63** [4, 1]. **64** [4, 2]. **65** [33, 3].

76 [247].

91 [122].

A. [111, 27, 316, 25, 259, 258, 202, 234, 208, 23, 200, 107, 21]. **Aalen** [155]. **ABACUS** [391]. **ability** [511]. **absolute** [309]. **Accelerated** [209, 582]. **acceptance** [191]. **accident** [87]. **Accounting** [132]. **accuracies** [589]. **Acid** [250, 387]. **Acknowledgement** [649]. **acquired** [610, 494, 423]. **Adams** [18]. **Adaptive** [226, 466, 577, 352]. **added** [271]. **Addition** [162]. **Additive** [203]. **Additivity** [338]. **adequacy** [383]. **adjusting** [273]. **adjustment** [42]. **Advanced** [49]. **Advances** [70]. **Against** [502]. **Age** [361, 657]. **ages** [42]. **aggregates** [156]. **Agricultural** [482, 522, 182]. **air** [643]. **airline** [596]. **Aitkin** [19]. **Akaike** [139]. **Albert** [259]. **Albeverio** [20]. **Algorithm** [471, 149, 553, 414, 542, 562, 453, 566, 565, 446, 324, 32, 147, 59, 123, 124, 338, 471, 82, 217, 542, 472, 540, 298, 297, 4, 502, 35, 34, 219, 117, 118, 245, 553, 218, 246, 266, 489, 353, 400, 58, 265, 81, 175, 60, 526, 575, 543, 80, 125, 148, 126, 402, 387, 247, 145, 445, 323, 576, 372, 401, 539, 56, 504, 388, 296, 574, 31, 475, 264, 216, 299, 5, 339, 173, 514, 1, 2, 119, 57, 541, 562, 243, 244, 415, 373, 414, 416, 527, 563, 146, 263, 371, 33, 120, 121, 554, 351, 515]. **Algorithm** [3, 528, 474, 340, 122, 503, 174, 473, 490, 566, 538, 352]. **Algorithms** [36, 580, 544, 555, 567, 446, 324, 32, 147, 59, 124, 338, 471, 82, 217, 472, 149, 298, 297, 4, 502, 35, 219, 117, 118, 245, 218, 246, 266, 489, 353, 400, 58, 265, 81, 175, 60, 526, 80, 148, 126, 402, 387, 247, 145, 445, 323, 372, 401, 56, 504, 388, 296, 31, 475, 264, 216, 299, 5, 339, 173, 514, 1, 2, 119, 57, 243, 244, 373, 414, 416, 527, 146, 263, 371, 33, 120, 121, 351, 515, 3, 528, 474, 340, 122, 503, 174, 473, 490, 352]. **allocation** [182]. **Allowing** [659]. **Alphabetic** [387]. **Alternative** [253, 395]. **Alwan** [451]. **Among** [510]. **Analyse** [206]. **analysed** [644]. **Analyses** [280, 334, 209, 239]. **Analysing** [648, 439, 168, 511, 497]. **Analysis** [223, 310, 347, 470, 14, 103, 285, 184, 27, 523, 559, 358, 558, 346, 199, 259, 253, 655, 361, 207, 312, 430, 590, 277, 107, 102, 431, 229, 510, 170, 69, 79, 573, 606, 114, 52, 139, 201, 39, 467, 483, 465, 654, 607, 520, 508, 42, 653, 231, 509, 533, 587, 638, 557, 187, 131, 381, 602, 12, 7, 333, 532, 468, 630, 562, 613, 225, 136, 43, 453, 424, 494, 659, 572, 179, 641, 616, 366, 379, 46, 165, 169, 234, 48, 53]. **Anderson** [19, 21]. **animal** [362]. **Annual** [329, 328]. **applicants** [639]. **Application** [520, 617, 357, 162, 568, 534, 444, 425, 252, 484, 228, 612, 662, 618, 657, 408, 602, 13, 656, 625, 438, 423, 628, 91, 571]. **Applications** [470, 202, 430, 453, 159, 652, 207, 45, 110, 291, 258, 212, 197, 72, 238]. **Applied** [236, 54, 239, 140, 653, 182, 613, 616, 144, 519]. **Approach** [487, 281, 455, 456, 397, 92, 367, 408, 615, 302, 153, 636, 443]. **approaches** [605]. **Appropriate** [485]. **Appropriateness** [512]. **Approximating** [181]. **Approximation** [44, 94]. **aquaculture** [637]. **Arbitrary** [371]. **archaeological** [622]. **Archaeometry** [470]. **area** [538]. **arising** [611]. **arithmetic** [554]. **arrays** [636]. **Arrest** [510]. **Arthur** [207]. **aspects** [587]. **Assessing**

[455, 570, 252, 604, 564, 569]. **assessment** [582]. **Assignments** [140]. **Association** [32, 551, 511]. **Assurance** [237]. **Asymptotic** [524]. **Athletics** [469, 537, 654]. **attacked** [331]. **attained** [436]. **attributable** [616]. **Attribute** [333]. **Australian** [306]. **Author** [579]. **authors** [661]. **Autocorrelated** [127]. **Autocorrelations** [504, 296]. **Automatic** [148]. **Automation** [47]. **autoradiographic** [465]. **autoregressive** [541, 89]. **autoregressive-type** [89]. **Average** [81, 526, 541, 594]. **Averaged** [385]. **averages** [627]. **averaging** [569]. **Axes** [310].

B [167, 74, 53, 21, 79, 29]. **B.** [24, 290, 23, 105, 19, 106, 114]. **Back** [37, 61, 83, 128, 151, 176, 221, 248, 267, 300, 325, 341, 354, 377, 392, 406, 419, 434, 447, 461, 476, 491, 505, 517, 529]. **Backcalculation** [133]. **bacteriological** [411]. **Bain** [312, 163]. **Balanced** [527]. **bark** [331]. **bark-beetles** [331]. **Barkman** [101]. **Barrett** [164]. **base** [276]. **base-line** [276]. **based** [600, 648, 563]. **basis** [193, 636]. **Batey** [70]. **Bayes** [261, 622, 502, 288, 134, 254]. **Bayesian** [610, 455, 231, 523, 327, 599, 619, 90, 220, 408, 602, 562, 428, 644, 153, 588, 364, 569, 616, 366, 379, 368, 418, 108, 443]. **Becker** [102]. **beetles** [331]. **before** [202]. **behaviour** [631]. **Belief** [24, 169]. **Belsley** [257]. **Bench** [67]. **Bench-Marking** [67]. **Bench-Marks** [67]. **Best** [173, 404]. **Beta** [59, 124, 540, 4, 60, 512, 475, 5, 1, 2, 473, 123]. **Beta-Binomial** [512]. **better** [135]. **betting** [551]. **between** [484, 41, 308]. **Bhattacharya** [197]. **biadditive** [524]. **Biemer** [50]. **Binary** [46, 314, 196, 359, 520, 653, 189, 426, 615, 630]. **Binomial** [512, 473, 368, 418, 584, 193]. **biogeography** [408]. **Biological** [319, 493]. **biomedical** [533, 618]. **Biopharmaceutical** [28]. **Birth** [443, 617]. **birthweight** [42]. **Bit** [121]. **Bivariate** [291, 292, 247, 373, 263, 528, 576, 538, 330, 274]. **Blanchard** [20]. **Block** [27, 527]. **BMDP** [262, 116]. **Board** [487]. **bone** [511]. **Book** [198, 319, 71, 315, 167, 313, 18, 103, 111, 73, 27, 70, 110, 320, 260, 291, 292, 316, 74, 25, 46, 77, 199, 259, 165, 26, 258, 24, 212, 113, 204, 169, 206, 235, 202, 210, 317, 314, 293, 211, 234, 236, 48, 207, 208, 205, 318, 321, 290, 312, 49, 68, 29, 23, 28, 45, 76, 164, 109, 197, 209, 72, 200, 107, 102, 203, 54, 168, 239, 53, 257, 240, 214, 75, 213, 170, 104, 163, 105, 47, 101, 69, 19, 112, 141, 21, 140, 106, 22, 51, 114, 52, 20, 166, 50, 139, 237, 108, 261]. **Book** [238, 201]. **bootstrap** [425, 625]. **bootstraps** [179]. **borehole** [382]. **both** [132]. **Bound** [149]. **Bovine** [557, 559, 558, 556]. **Box** [219, 162, 253, 8]. **Box-Jenkins** [162]. **Bradley** [444]. **Bradley-Terry-Type** [444]. **brain** [532, 586]. **Branch** [149]. **branching** [635]. **Breakdown** [323]. **breast** [520]. **Britain** [568, 497]. **buffer** [583]. **Bullen** [22]. **Bunday** [290]. **Bunke** [68]. **bus** [578, 549]. **Business** [26].

C [318, 23, 197]. **C.** [167, 103, 291, 292, 170, 69]. **Calculating** [247]. **Calculo** [320]. **Calculus** [320]. **Calibration** [332, 41, 611, 141]. **Canadian** [593]. **cancer** [91]. **cancers** [520]. **canonical** [629]. **Capability** [64, 275]. **Cardiac** [510]. **Carlo** [617, 192, 547, 534, 497, 572]. **carry** [603]. **carry-over** [603]. **Case** [487, 253, 413, 510, 161, 559, 593, 588, 538]. **Case-Control** [510, 559]. **Case-Study** [487, 413, 593, 588]. **cases** [328]. **Catch** [361]. **Catch-At-Age** [361]. **Categorical** [279, 460, 440, 114, 427, 607, 131, 439]. **categories** [135, 160]. **categorized** [306]. **category** [521]. **Cattle** [14]. **Caulcutt** [451]. **Causation** [24]. **cause** [584]. **caused** [455]. **CD4** [571, 494]. **cell** [571]. **cells** [602].

Censored [400, 340, 381, 7, 423]. **censoring** [284]. **Census** [334]. **Central** [245, 60, 247, 475, 540, 566]. **centrality** [566]. **cervical** [91]. **Ch.** [206]. **chain** [626, 617, 547, 534, 639, 572]. **Chains** [507, 365]. **Change** [24]. **changed** [650]. **changepoint** [231, 43, 364, 411]. **changepoints** [328]. **Changes** [512]. **Chaos** [315]. **Characterizations** [27]. **Charpy** [572]. **Charts** [450, 526, 594, 191]. **Chatfield** [103, 69]. **checking** [179]. **Chemical** [633]. **chess** [13]. **Chhikara** [45]. **children** [597, 657]. **choice** [11]. **CIA** [79]. **Cinlar** [313]. **Circuit** [583, 487]. **class** [568, 618, 306]. **Classes** [31]. **classical** [41]. **Classification** [218, 246, 266, 633, 369, 599, 619]. **clearance** [625]. **Clinical** [259, 189]. **Cluster** [165, 431, 587]. **Clustering** [135, 386]. **clusters** [439]. **coastal** [605]. **Codes** [334]. **Coefficient** [117, 118, 380]. **Coefficients** [298, 458]. **Cohen** [23]. **cohort** [559, 558, 556, 557, 367]. **Colenutt** [164]. **Collapsibility** [402]. **Collett** [314]. **Collinearity** [257]. **Column** [482, 546, 96]. **Columns** [57]. **combination** [224]. **Combinatoric** [218, 246, 266]. **Combined** [86, 487]. **Combining** [592]. **comments** [154, 568]. **Common** [106, 592, 584]. **Companion** [321]. **comparative** [508, 596]. **Comparing** [150, 243, 625, 589, 656, 652]. **Comparison** [223, 486, 605, 157, 647, 646, 413, 10, 166, 612, 662, 131, 13, 93]. **Comparisons** [232, 601]. **competing** [276]. **complete** [484]. **Completion** [344]. **Complex** [170]. **compliance** [560]. **complicated** [96]. **Component** [470, 613, 136, 616]. **Components** [106, 286]. **Compositional** [251, 345]. **Compositions** [345]. **Compounds** [633]. **Computation** [324, 502]. **computer** [583, 135]. **Computing** [540, 245, 60, 372, 401, 504, 388, 296, 475, 5, 240, 566]. **Concave** [352]. **concentration** [536]. **Concepts** [391]. **concomitant** [564, 604]. **concrete** [92]. **conditional** [511, 436, 158]. **Conditioning** [257]. **Confidence** [82, 272, 373, 79, 524, 192, 538, 396]. **Confined** [340]. **Confocal** [602]. **Congdon** [70]. **Conjointe** [206]. **Conrad** [140]. **consequences** [479, 210]. **constancy** [384]. **constrained** [656]. **Constructing** [153]. **Construction** [553, 120, 546]. **constructs** [581]. **Containing** [173]. **Contaminant** [464]. **Content** [398]. **Contents** [620, 660, 554]. **Contingency** [502, 148, 402, 436, 158, 160]. **Continuation** [385]. **Continuous** [291, 292, 381, 394]. **Contrasts** [570]. **Control** [449, 86, 450, 162, 526, 317, 318, 510, 101, 139, 183, 559, 302, 594, 191, 75]. **controlled** [560]. **Controlling** [629]. **controls** [362]. **conversion** [93]. **Converting** [156]. **CORANA** [294]. **Cornell** [198]. **Cornish** [216, 299]. **Cornish-Fisher** [216, 299]. **Corporation** [78]. **Correcting** [280]. **Correction** [123, 124, 149, 35, 34, 266, 353, 543, 125, 126, 299, 415, 416, 490, 9]. **corrections** [658]. **Correlated** [409, 359, 520]. **Correlation** [117, 118, 353]. **Correspondence** [229, 333]. **Corrigendum** [619, 662, 220, 577, 150, 578, 460, 516, 127, 418]. **Count** [595, 467, 308, 481]. **counting** [441]. **Counts** [15, 329, 571, 536, 494, 521, 91]. **Course** [211, 507, 21, 71]. **Covariance** [430, 252]. **covariates** [612, 662, 394, 443]. **Cox** [260, 46, 253, 8, 63]. **CP** [480]. **Cramer** [274]. **Cramer-von** [274]. **creatinine** [625]. **credible** [538]. **credit** [639]. **Creed** [519]. **Crime** [250, 308]. **criteria** [564, 604]. **critical** [485]. **crop** [96]. **Cross** [57, 438, 88]. **cross-sectional** [438, 88]. **Cross-Term** [57]. **Crossover** [553, 603, 427, 189, 595]. **Crowder** [199]. **Cumulative** [86, 147, 157, 81, 526, 183, 410]. **Currents** [545]. **Curvature** [396]. **curve** [410, 133]. **Curves** [486, 548, 272, 494]. **Cyrus** [433].

Cytel [78].

D [27, 291, 292, 258, 207, 290, 168, 104, 79, 238, 414]. **D-Optimal** [414]. **D.** [260, 74, 46, 77, 199, 113, 314, 318, 404, 164, 257, 170, 19, 22, 52, 238]. **Daintith** [104]. **Data** [223, 251, 285, 523, 344, 46, 358, 346, 400, 190, 165, 90, 220, 402, 317, 548, 56, 430, 209, 119, 460, 440, 395, 257, 428, 345, 340, 334, 21, 573, 130, 386, 114, 52, 166, 409, 359, 467, 483, 66, 427, 484, 607, 520, 156, 597, 189, 638, 596, 426, 560, 655, 367, 187, 131, 381, 308, 12, 7, 584, 481, 593, 578, 549, 571, 630, 595, 534, 601, 550, 613, 631, 453, 424, 438, 644, 88, 659, 594, 572, 606, 423, 641, 382, 284, 314, 102, 168, 114]. **DATACHAIN** [295]. **dating** [614]. **David** [260, 55, 349]. **dead** [452]. **decay** [638]. **December** [182]. **Decennial** [334]. **Decision** [24, 172, 169, 48, 29, 522, 153]. **decision-making** [522]. **Decisions** [172]. **Decomposability** [402]. **Decomposing** [575]. **Decomposition** [490, 425, 174]. **defects** [443]. **deficiency** [610, 494, 423]. **degrees** [562]. **Delaney** [168]. **dementia** [589]. **Demography** [70]. **Denes** [258]. **Deniz** [171]. **Densities** [217]. **Density** [185, 352, 493, 538, 561]. **Deoxyribonucleic** [250, 387]. **Department** [417]. **departures** [511, 273]. **dependence** [63]. **Depth** [528]. **Design** [583, 653, 487, 357, 414, 201, 508, 587, 225, 215]. **DESIGN-EASE** [215]. **DESIGN-EXPERT** [215]. **designed** [641]. **Designing** [168]. **Designs** [454, 194, 437, 281, 482, 546, 656, 603, 286, 96, 652, 27]. **Detecting** [650, 180, 568, 411]. **detection** [464, 651, 271, 283]. **detector** [637]. **deterioration** [92]. **determinations** [397]. **Determining** [149]. **Development** [28, 112]. **Developmental** [409]. **Developments** [258]. **Deviance** [184]. **devising** [96]. **DEX** [171]. **diabetes** [564, 604]. **Diagnosability** [39]. **diagnostic** [564, 604]. **Diagnostics** [257]. **Diagrams** [169]. **Dictionary** [104]. **differ** [442, 272]. **Difference** [652, 41]. **differenced** [382]. **Differences** [173]. **Differential** [280]. **Diffusion** [539]. **Digby** [71]. **dilution** [536]. **Dimensional** [343, 463, 347]. **direct** [558]. **Directional** [363, 114, 483]. **Dirichlet** [146]. **Disaster** [287]. **discordant** [559]. **discovering** [456]. **Discrete** [535, 385, 626, 94, 639]. **Discriminant** [430]. **discrimination** [561]. **Discussion** [451, 610, 641]. **Disease** [102, 507, 252, 615, 134]. **diseases** [585, 640]. **Dispersion** [483, 136, 273, 652]. **dissolution** [509]. **distance** [655, 485]. **distributed** [562]. **Distribution** [18, 338, 498, 540, 35, 117, 118, 245, 58, 512, 387, 264, 45, 146, 473, 34, 365, 122, 88, 566]. **Distributions** [291, 400, 372, 401, 371, 516, 565, 9, 7, 648, 640, 429, 423, 616, 292]. **DNA** [650, 626]. **DO** [575]. **Dobson** [200]. **domain** [643]. **Dose** [285, 409, 442]. **Dose-Response** [285, 409]. **Dotplots** [499]. **double** [443]. **doubly** [284]. **Down** [617]. **Driessen** [47]. **Drop** [358, 571, 630, 645]. **Drop-Out** [358, 630, 645]. **drop-outs** [571]. **Drug** [28, 112, 153, 224]. **Dual** [388]. **Durbin** [504, 296]. **Durbin-Watson** [504, 296]. **DYMO** [241]. **Dynamic** [90, 220, 646, 240, 139, 411]. **Dynamically** [575].

E. [319, 313, 260, 46, 259, 235, 197, 239, 214, 47]. **Early** [194, 42]. **Earnings** [18]. **EASE** [215]. **Ecologic** [280]. **ecological** [479]. **Economic** [26]. **Edge** [386]. **Editors** [138, 525, 100, 233, 289, 270, 422, 370, 17, 256, 552, 501, 335, 432, 513, 311, 459, 399, 608, 609]. **Edn** [46, 73, 320, 235, 318, 312, 103, 26, 204, 205, 213, 69]. **education** [568]. **Edwards** [349]. **Effect** [632, 512, 412, 612, 662, 560, 586, 645]. **effectiveness** [634]. **Effects** [232, 647, 189, 618, 603, 160]. **efficacy** [495].

efficiency [645]. **Efficient** [489, 546, 566]. **Elementary** [76, 213]. **emission** [611]. **Emphasizing** [291]. **Empirical** [622, 166, 154, 134, 261]. **Employer** [77]. **Employment** [51]. **encephalopathy** [559, 558, 556, 557]. **Encyclopedia** [167]. **end** [9]. **energy** [572]. **Engelhardt** [312, 163]. **Engineer** [75]. **Engineering** [292, 237, 20]. **Enumeration** [543]. **Environment** [240, 524]. **Envisioning** [214]. **epidemic** [610]. **epidemiology** [547]. **EPILOG** [143]. **equation** [367]. **Error** [351, 507, 592]. **Error-in-Variables** [351]. **errors** [562, 309, 625]. **errors-in-variables** [625]. **estimate** [493]. **estimates** [380]. **Estimating** [82, 74, 193, 536, 438, 507, 88, 186, 521, 329, 605, 367, 410, 495, 436, 286, 616]. **Estimation** [32, 457, 35, 632, 282, 323, 539, 56, 23, 146, 97, 254, 306, 365, 351, 340, 473, 252, 166, 368, 418, 565, 622, 34, 657, 381, 182, 159, 611, 423, 412, 636, 561, 646]. **Estimator** [196, 460, 440]. **Estimators** [446, 195, 134, 10]. **Evaluating** [281]. **Evaluation** [522, 117, 164, 161]. **events** [468]. **Everitt** [105]. **Every** [75]. **Evidence** [558, 161]. **evolution** [379]. **Exact** [297, 372, 401, 601, 436, 613, 158, 371, 576, 541, 497]. **Example** [114]. **Exceptional** [469, 537]. **excess** [11]. **Exchange** [414, 511, 166]. **exchange-ability** [511]. **exciting** [89]. **Exemplified** [387]. **exhibit** [638]. **Exogenous** [539]. **Expansion** [338, 216, 299]. **experiment** [452, 656]. **Experimental** [194]. **Experiments** [198, 255, 303, 168, 437, 65, 583, 427, 535, 96, 645, 641, 646, 52, 201]. **expert** [479, 215]. **Explanatory** [458, 550]. **Exploration** [25]. **Exploratory** [557, 7]. **exploring** [647]. **exponentially** [594]. **Expression** [130]. **Extended** [13]. **extensions** [655]. **extra** [11]. **extra-Poisson** [11]. **Extrabinomial** [285]. **Extraneous** [460, 440]. **extravariation** [12]. **Extremal** [654]. **Extreme** [363, 523, 632, 346, 400, 545, 186]. **Extremes** [357].

F [110, 55, 204, 170, 47]. **facilitate** [225]. **Factor** [502, 166]. **Factorial** [454, 482, 483, 607]. **Factorials** [570, 508, 608]. **Factors** [539, 603, 611]. **failure** [584, 578, 549]. **Failures** [16, 381]. **Faithful** [66]. **familial** [520]. **Fast** [145]. **fatal** [87]. **Feature** [149]. **Fedorov** [414]. **females** [442]. **fertilizer** [656, 412]. **Fibre** [161, 360]. **Field** [386, 482, 546, 438, 96]. **fields** [542, 107]. **financial** [648]. **Find** [386]. **Finding** [95, 165]. **findings** [556]. **fingers** [424]. **Fingleton** [114]. **Finite** [56, 564, 604, 6]. **First** [21]. **Fisher** [400, 297, 216, 299, 515]. **fit** [565, 496]. **fitted** [629, 578, 549]. **Fitting** [626, 185, 217, 265, 548, 441, 57, 547]. **Fixed** [346, 95, 543, 345]. **flexible** [276, 133, 494]. **flooding** [605]. **Flour** [162, 187]. **fluorescence** [602]. **fluorescent** [521]. **Flury** [106]. **fly** [624]. **foetal** [438]. **Folks** [45]. **food** [629, 652]. **football** [551]. **force** [424]. **forecasting** [596]. **Forecasts** [70]. **Forensic** [161]. **forest** [479]. **Form** [58, 629]. **Forms** [264]. **Formulae** [33, 3]. **Formulation** [413]. **Foster** [164]. **Fourier** [145, 532]. **Fractals** [315]. **fractional** [508, 394]. **fractionally** [382]. **fractions** [616]. **frailty** [495]. **Francis** [19]. **Frank** [389]. **freedom** [562]. **French** [48]. **Frequencies** [514]. **Frequency** [387, 643, 651]. **Front** [38, 62, 84, 129, 152, 177, 222, 249, 268, 301, 326, 342, 355, 378, 393, 407, 420, 435, 448, 462, 477, 492, 506, 518, 530]. **FRS** [260]. **Fully** [408]. **Function** [15, 59, 124, 540, 297, 4, 245, 175, 574, 2, 123, 541, 10, 566, 636]. **Functional** [68, 532, 424]. **Functions** [185, 29, 352].

G [110, 145, 102, 114, 145]. **G.** [317, 68, 114, 52]. **G/G/1** [145]. **Gajjar**

[433]. **Galambos** [49]. **Galwey** [71]. **García** [543]. **García-Pérez** [543]. **Gardner** [79]. **Gauss** [460, 440]. **Gaussian** [45, 542, 344]. **General** [488, 310, 398, 500, 470, 498, 487, 232, 457, 218, 266, 458, 255, 162, 430, 369, 288, 444, 431, 413, 254, 469, 499, 334, 348, 161, 386]. **Generalized** [487, 73, 504, 296, 264, 200, 203, 97, 327, 271, 273, 628]. **Generating** [192, 31]. **Generation** [472, 98, 514]. **genes** [585]. **genomic** [521]. **genotype** [524]. **genotype-environment** [524]. **GENSTAT** [239, 71]. **Gentleman** [416, 244, 415]. **geographical** [640]. **geophysical** [382]. **geostatistics** [600]. **gestational** [42]. **Geyser** [66]. **Ghosh** [201]. **Gibbs** [327, 226, 466, 366]. **Gifi** [234]. **GIVE.** [55]. **Given** [149]. **GLIM** [181, 346, 19]. **Gluten** [162]. **Glynn** [164]. **Godehart** [235]. **Goodness** [496, 565]. **Goodness-of-fit** [496, 565]. **graph** [639]. **Graphical** [486, 184, 550, 283, 281, 588]. **Graphics** [240]. **Graphs** [235, 508, 652]. **Great** [497]. **Greene** [376]. **Greenfield** [171]. **Grossman** [72]. **group** [591, 601]. **Grouped** [324, 346, 56, 594, 381, 284]. **Groups** [165]. **Groves** [50]. **growth** [438, 411]. **Guarantee** [164]. **Guide** [292]. **Gulag** [452]. **Gupta** [27].

H [376, 47]. **H.** [315, 68, 168, 239, 141, 139]. **haemolytic** [328]. **Hald** [202]. **Half** [608, 570]. **Half-normal** [608, 570]. **Hand** [199]. **Handbook** [113, 239]. **Hardle** [236]. **harmonics** [651]. **Harper** [24]. **Harris** [259]. **Hasted** [25]. **Hastie** [203]. **hazard** [569]. **Hazards** [155, 327, 276, 43, 63]. **Hazewinkel** [20]. **Healey** [204]. **health** [588]. **Hearing** [498]. **height** [657]. **helmet** [330]. **Helsinki** [166]. **Hendry** [55]. **Hermite** [217]. **Heron** [329]. **heterogeneity** [595]. **Heterogeneous** [307]. **heteroscedasticity** [132]. **hidden** [623]. **Hierarchical** [231, 455, 158]. **High** [323, 216, 299, 365]. **Higher** [160]. **Highest** [538]. **Hinde** [19]. **Hinkley** [260]. **historical** [362]. **History** [202]. **Hodgkin** [628]. **Hollander** [576]. **Holt** [170]. **homogeneous** [623]. **Honour** [260]. **Hospital** [512]. **Hours** [51]. **Human** [548, 507, 585, 410, 532, 590, 571, 630, 424, 133]. **Hutchinson** [291, 292]. **Hybrid** [446, 471]. **hybridization** [521]. **Hypergeometric** [147]. **Hypertensives** [510].

I. [164, 72]. **Idea** [30]. **identification** [364]. **Ignorable** [279, 659, 606]. **II** [50]. **Illiteracy** [210]. **image** [408, 602]. **Images** [315, 465, 637, 561]. **imaging** [532]. **immune** [610, 494, 423]. **Immunodeficiency** [507, 410, 571, 630, 133]. **impact** [572]. **Impairment** [498, 630]. **importance** [609]. **Imprecise** [293]. **improve** [225]. **Improved** [271, 384]. **Improvement** [487, 348]. **Imputation** [510, 87]. **Imputed** [334]. **In-Process** [101]. **Inc.** [375, 350, 403, 30]. **incidence** [410, 333]. **incidences** [362]. **Incomplete** [59, 124, 4, 1, 2, 119, 527, 123]. **incorporate** [425]. **incorporating** [443]. **Independence** [502, 436]. **Independent** [126, 287, 515, 125, 191]. **Index** [36, 579, 621, 661, 64]. **indices** [275]. **individuals** [381]. **Industrial** [255, 201, 455]. **Industry** [254, 334, 348, 584]. **inefficiencies** [551]. **Inequalities** [22]. **infant** [306]. **infected** [571]. **infection** [630, 133]. **infections** [411]. **Infectious** [102]. **Inference** [250, 428, 327, 586]. **inflorescences** [635]. **Influence** [169, 630, 229, 127, 613]. **influential** [271]. **Information** [85, 178, 269, 356, 421, 478, 531, 70, 400, 29, 631, 522, 564, 604, 214]. **Informative** [358, 630, 284]. **Initial** [265]. **initiating** [423]. **injuries** [330]. **inmate** [308]. **Innumeracy** [210]. **inspection** [464]. **Integer** [575]. **Integers** [298]. **Integral** [4, 247, 1]. **Integrals** [353]. **intensities**

[578, 549]. **intention** [659]. **interactions** [524]. **Interest** [488, 310, 398, 500, 470, 498, 487, 232, 457, 458, 255, 162, 430, 369, 288, 444, 431, 413, 254, 469, 499, 334, 348, 161, 386]. **interethnic** [497]. **Interlaboratory** [232]. **Intermittently** [16]. **International** [375]. **interoccasion** [534]. **interpolation** [382]. **Interpretation** [310, 382]. **Interpreting** [524, 33, 3, 21]. **Interrelated** [458]. **intersubject** [534]. **Interval** [86, 79]. **Intervals** [82, 309, 192, 396]. **intervention** [455]. **Introduction** [580, 544, 555, 567, 103, 165, 212, 318, 200, 163, 69]. **invasion** [624]. **Inverse** [59, 123, 124, 4, 344, 45, 44, 2, 41, 611]. **Inversion** [554]. **Inversions** [431]. **Investigating** [63]. **investigation** [452, 328]. **Investigations** [250, 105]. **involved** [585]. **involving** [656]. **Ireland** [182]. **Irredundant** [120]. **irregular** [601]. **Isotonic** [80, 125, 126, 503]. **Issues** [112]. **ITCF** [417]. **items** [88]. **Ivanov** [107].

J [260, 316, 46, 199, 165, 208, 312, 23, 404, 200, 203, 239, 242, 170, 163, 47, 21, 79, 114]. **J.** [198, 73, 320, 258, 204, 169, 210, 207, 205, 49, 29, 45, 72, 104, 47, 19, 166, 50, 261]. **Jacobi** [338]. **Jaffer** [164]. **James** [295]. **Jenkins** [162]. **John** [237]. **Johnson** [167]. **Johnston** [52]. **Joint** [422]. **Jones** [164]. **Jong** [389].

K. [336, 207, 28, 112]. **Kaufman** [165]. **Keedwell** [258]. **Keep** [509]. **Keller** [47]. **Kendall** [205]. **kernel** [493]. **Kidney** [137]. **Kmietowitz** [26]. **Knif** [166]. **Know** [75]. **known** [193]. **Kotz** [167].

L [167, 24, 212, 207, 45, 213, 50, 238]. **L.** [165, 312, 240, 213, 163, 20, 50]. **Labour** [77]. **Lai** [291, 292]. **Land** [343]. **Lane** [71]. **Langeheine** [389]. **large** [568, 439, 136, 646]. **larvae** [624]. **latent** [618]. **Latin** [258]. **Lattice** [472]. **Lauwerier** [315]. **Lavit** [206]. **Lawrence** [207]. **leaf** [602]. **Least** [360, 265, 244, 415, 416]. **leave** [309]. **leaving** [276]. **Lee** [316, 108]. **length** [453]. **Lengths** [81, 526]. **Leonenko** [107]. **Letter** [138, 233, 289, 370, 17, 501, 335, 432, 513, 459]. **Letters** [608, 525, 100, 256, 552, 609, 311, 399]. **Level** [632, 508]. **Levels** [186, 442, 654, 436, 74]. **Leverage** [127]. **Lexa** [241]. **Liepins** [317]. **Life** [312, 453]. **Life-Testing** [312]. **Lifetime** [428]. **Likelihood** [32, 217, 457, 35, 56, 146, 340, 473, 565, 34, 381, 541, 384]. **Likelihoods** [181, 484]. **LIMDEP** [376]. **Limits** [449]. **Line** [265, 493, 302, 276]. **Linear** [487, 73, 526, 188, 31, 200, 373, 413, 97, 254, 53, 340, 130, 508, 383, 327, 592, 271, 643, 532, 593, 441, 562, 536, 133, 160, 273, 396, 366, 628]. **linearity** [383, 278, 89]. **lines** [651]. **LISP** [240]. **LISP-STAT** [240]. **Loan** [164]. **Loans** [25]. **local** [230]. **Locating** [585]. **Location** [528]. **Log** [498, 539, 31, 352, 643, 441, 160]. **Log-Concave** [352]. **Log-Linear** [31, 643, 441, 160]. **log-non-linear** [160]. **Log-Normal** [498, 539]. **Logical** [172, 172]. **Logistic** [400, 44, 195, 359, 396]. **Logit** [385, 634]. **LOGXACT** [433]. **LOGXACT-TURBO** [433]. **long** [362]. **long-term** [362]. **Longitudinal** [358, 571, 630, 601, 606, 645, 641]. **Look** [570, 66]. **loop** [278]. **Loops** [575]. **loss** [511]. **losses** [455]. **Ltd** [262, 405]. **Lwin** [261]. **Lyberg** [50]. **lymphoma** [628]. **lynx** [593].

M [110, 169, 211, 170, 47, 22, 50, 237, 108, 32]. **M.** [18, 110, 199, 312, 109, 53, 163, 405, 19, 20]. **M/G/1** [110]. **MacDonald** [336]. **Machines** [16]. **Macros** [500, 321]. **magnetic** [532, 586]. **Mahalanobis** [485]. **making** [522]. **malaria** [616]. **males** [442]. **Malt** [369]. **Manufacturing** [101]. **Many**

[332]. **Mapping** [134, 532]. **Marginal** [427, 511]. **marginality** [609]. **Marija** [242]. **Maritz** [261]. **Marker** [507]. **Market** [166, 551]. **Marking** [67]. **Markov** [626, 617, 547, 623, 534, 365, 598, 507, 572]. **Marks** [67]. **Martens** [141]. **Martin** [79]. **Masked** [428]. **Massey** [50]. **Matchability** [137]. **Matched** [130, 367, 627]. **Matching** [137]. **Matej** [241]. **maternal** [559, 558, 556, 557]. **Mathematica** [457]. **Mathematical** [210, 72, 163, 238]. **Mathematics** [104]. **Matrices** [110, 430, 333, 136, 554]. **Matrix** [400, 6]. **Matter** [37, 61, 83, 38, 62, 84, 128, 151, 176, 129, 152, 177, 221, 248, 267, 222, 249, 268, 300, 325, 341, 354, 301, 326, 342, 355, 377, 392, 406, 419, 378, 393, 407, 420, 434, 447, 461, 476, 435, 448, 462, 477, 491, 505, 517, 529, 492, 506, 518, 530]. **Maurice** [205]. **Maximum** [565, 32, 217, 457, 35, 34, 381, 56, 146, 413, 340, 473]. **Maxwell** [168]. **McCullagh** [73]. **McRobb** [109]. **Mead** [25]. **Means** [57, 22, 360, 159]. **measured** [481]. **Measurement** [444, 507, 111]. **Measurements** [150]. **Measures** [65, 483, 613, 625, 396, 199]. **Median** [445, 263]. **Medical** [105, 642]. **Mehta** [433]. **Mendenhall** [213, 238]. **Messy** [52]. **Method** [95, 253, 150, 8, 93]. **Methodology** [162, 45, 348, 50]. **Methods** [251, 111, 357, 305, 290, 312, 430, 105, 51, 237, 617, 41, 647, 582, 547, 571, 642, 497, 261, 68, 54]. **Metric** [574]. **Metropolis** [466, 577]. **Michael** [283]. **MICLOG** [336]. **microscopy** [602]. **microwave** [636]. **might** [275]. **Miguel** [543]. **Mill** [162]. **Miller** [208]. **Milliken** [52]. **Milling** [348]. **Million** [74]. **MIM** [349]. **Minimization** [574]. **minimum** [309, 538]. **mining** [593]. **Minitab** [321, 500, 288]. **Miscellanea** [44]. **Misclassification** [280, 521]. **misclassified** [91]. **Mises** [274]. **Misplaced** [449]. **Missing** [402, 196, 277, 484, 631, 606]. **mite** [598]. **Mitrinovic** [22]. **Mixed** [188, 611]. **Mixing** [35, 34]. **Mixture** [56, 281, 467, 597, 656, 584, 495, 365, 564, 604, 616]. **Mixtures** [344, 345, 565, 198]. **ML3** [142]. **Model** [15, 32, 600, 458, 512, 148, 188, 287, 303, 413, 351, 340, 179, 166, 189, 426, 230, 623, 132, 584, 495, 541, 63, 365, 6, 644, 396, 569, 330, 411, 443]. **Model-based** [600]. **Modelling** [319, 487, 363, 260, 344, 612, 551, 255, 638, 16, 367, 314, 308, 11, 481, 460, 440, 276, 413, 254, 331, 635, 19, 65, 161, 427, 617, 154, 624, 640, 365, 394, 588, 662]. **Modelling-Non-Linear** [487]. **Models** [73, 279, 90, 220, 235, 56, 312, 31, 209, 444, 97, 127, 385, 99, 130, 409, 467, 626, 465, 484, 327, 524, 597, 547, 618, 511, 271, 131, 13, 643, 648, 593, 441, 578, 549, 590, 496, 425, 158, 276, 43, 40, 535, 598, 133, 642, 160, 273, 564, 604, 569, 366, 628, 70, 113, 200, 203, 106]. **modified** [384]. **modulo** [554]. **Mogyorodi** [72]. **Moisture** [398]. **Mokken** [47]. **moment** [380]. **moments** [9]. **monitoring** [588]. **monotone** [606]. **Monro** [563, 82, 192]. **Monte** [617, 192, 547, 534, 497, 572]. **Montgomerie** [318]. **monthly** [156]. **mortality** [11, 643, 134, 306, 91]. **motoneurone** [586]. **motor** [578, 549]. **motorcycle** [330]. **movements** [598]. **moving** [541, 594]. **Multi** [543]. **Multi-sets** [543]. **multidimensional** [158]. **Multilevel** [640]. **MULTILOG** [375]. **Multinomial** [514, 409]. **Multiple** [117, 118, 87, 510, 503, 385, 468, 364]. **multiple-changepoint** [364]. **Multiple-Correlation** [117, 118]. **Multiple-Imputation** [510]. **Multiplicative** [303, 578, 549]. **Multiply** [334]. **Multitaper** [651]. **Multivariate** [310, 500, 357, 353, 323, 539, 234, 264, 339, 119, 141, 106, 520, 228, 383, 655, 187, 159, 485]. **Muraya** [295]. **Muscatine** [597].

N [197, 107]. **N.** [71, 167, 260, 76, 107, 102]. **Naes** [141]. **Nakagawa** [139].

NANOSTAT [322]. **Nature** [252]. **Navigator** [30]. **Negative** [194]. **Nelder** [73]. **Nelson** [209, 104]. **nematodes** [624]. **Neolithic** [599, 619]. **Nested** [575]. **Nets** [169]. **networks** [596]. **neural** [596]. **neurological** [630]. **Neuts** [110]. **Newton** [460, 440]. **Nicholls** [50]. **Nigam** [27]. **Nitin** [433]. **noise** [382]. **nominal** [273]. **Non** [487, 540, 279, 245, 632, 60, 280, 475, 532, 373, 431, 413, 53, 52, 592, 623, 648, 593, 536, 283, 160, 659, 278, 566, 89, 606, 366, 284]. **Non-Central** [245, 60, 475, 540, 566]. **non-centrality** [566]. **Non-Differential** [280]. **non-homogeneous** [623]. **Non-Ignorable** [279, 659, 606]. **non-informative** [284]. **Non-Linear** [373, 413, 53, 532, 592, 593, 536, 366]. **non-linearity** [278, 89]. **non-monotone** [606]. **non-normality** [283]. **Non-Replicated** [52]. **Non-Response** [279, 659]. **Non-Stationarity** [632]. **Non-Stationary** [53]. **non-symmetric** [648]. **Non-uniqueness** [431]. **Noncentral** [5]. **Nonlinear** [113, 234, 68]. **Nonparametric** [446, 607, 486, 157, 236, 593, 54, 159, 423, 561, 615, 10]. **Norm** [265]. **Normal** [498, 246, 353, 400, 58, 247, 56, 44, 339, 340, 608, 539, 225, 570]. **Normality** [474, 383, 283]. **Normand** [390]. **norms** [94]. **Northern** [182]. **Norussis** [242]. **Note** [227, 278]. **NSURV** [374]. **nuclear** [584]. **Null** [338]. **number** [328]. **Numbers** [543].

O [68]. **obesity** [597]. **Object** [240]. **Object-Oriented** [240]. **observation** [308]. **observational** [627]. **Observations** [361, 271]. **observed** [193, 89]. **obtained** [439]. **Occupation** [334]. **occurrence** [623]. **odds** [426, 40]. **Odeh** [74]. **off** [302]. **off-line** [302]. **offender** [591]. **officers** [591]. **O'Hagan** [111]. **Oil** [386]. **Oil-Field** [386]. **Old** [66]. **Oliver** [169]. **One** [460, 440, 275]. **One-Step** [460, 440]. **onset** [411]. **open** [278]. **Optimal** [488, 149, 218, 266, 445, 414]. **Optimization** [471, 583, 412]. **Optimum** [442, 182]. **Ord** [205]. **Order** [216, 299, 365, 160]. **Ordered** [279, 401, 514, 131, 160, 330]. **ordering** [302]. **Orderings** [80]. **Ordinal** [223, 607, 12, 496, 40]. **Oriented** [240]. **Orthogonal** [446]. **Ott** [213]. **outcome** [653]. **Outcomes** [196, 588]. **outlier** [228, 485]. **Outliers** [304, 654]. **output** [583]. **outs** [571]. **ovary** [520]. **Overdispersion** [227, 568, 590, 658]. **Overspecified** [458]. **Owen** [74]. **Oxygen** [413]. **ozone** [484].

P [320, 291, 292, 50]. **P.** [71, 73, 27, 70, 77, 165, 293, 321, 54, 22, 20, 50, 237, 108]. **P5.1** [322]. **paediatric** [494]. **Pain** [444]. **Paired** [223, 324, 180, 646, 612, 662, 13]. **pairs** [559, 193]. **PANMARK** [389]. **papers** [451]. **parallel** [637]. **Parameter** [646, 23, 351, 166, 368, 418, 193, 566, 412]. **Parameters** [146, 473, 592]. **Parametric** [578, 549, 628, 441, 425, 394, 179]. **parsimonious** [394]. **Partial** [40, 271]. **partially** [89]. **Particle** [190]. **Partition** [465]. **Parts** [74]. **Patel** [433]. **Paternity** [188]. **pathogen** [536]. **patients** [571]. **pattern** [347, 597, 637]. **Patterns** [121, 426, 331, 365]. **Paul** [79]. **Paulos** [210]. **PC** [55, 242]. **PC-GIVE.** [55]. **Peace** [28, 112]. **Peladeau** [390]. **Penguin** [104]. **Percentage** [95, 122]. **Percentile** [489]. **Pérez** [543]. **performance** [508]. **period** [308]. **Periodograms** [157]. **Periodontal** [252]. **Permutation** [324]. **Permutations** [543]. **PEST** [337]. **PEST2.1** [337]. **Peter** [295]. **pharmacokinetic** [534]. **Pharmacologically** [510]. **phase** [653, 589]. **Physics** [20]. **pill** [509]. **pilot** [438]. **pilot-whales** [438]. **pinch** [424]. **placebo** [560]. **placebo-controlled** [560]. **Plans** [209, 479]. **plant** [547, 536]. **plate** [536]. **plot** [634]. **Plots** [219, 155, 570, 608, 271, 656]. **PLR** [25].

Plus [143]. **Point** [181, 305, 95, 347, 9]. **Points** [472, 489, 95, 282, 122]. **Poisson** [11, 98, 91]. **Pol** [389]. **Policy** [512]. **pollution** [643]. **Polynomial** [446, 338, 217]. **Polynomials** [185, 394]. **Population** [385, 329, 493, 306, 88, 366]. **Population-Averaged** [385]. **Populations** [319, 173]. **position** [636]. **Positive** [575]. **positron** [611]. **Possible** [490, 174]. **Possibly** [196, 7]. **posterior** [538]. **Poverty** [516, 429]. **Power** [297]. **Practice** [316, 290]. **Pragmatics** [317]. **precipitation** [623]. **Predict** [115]. **Prediction** [398, 135, 656]. **predictions** [479]. **Preference** [573]. **Prequential** [14]. **Presence** [285, 603]. **present** [12]. **Presentation** [130]. **prevalence** [617]. **price** [187]. **Prices** [14]. **Priestley** [53]. **Primary** [510]. **Principal** [470, 282, 136, 106, 613]. **Printing** [121]. **prison** [308]. **Probabilidades** [320]. **Probabilities** [147, 60, 247, 475, 5, 339, 173, 186, 6, 521, 293]. **Probability** [111, 320, 353, 212, 202, 49, 44, 72, 163, 605, 276]. **probation** [591]. **probit** [330]. **Problem** [449, 227, 360, 93]. **Problemas** [320]. **Problems** [320, 42, 231, 611, 224]. **Procedure** [86, 265, 410, 563]. **Procedures** [166, 224]. **Process** [181, 487, 82, 101, 92, 624, 192, 275, 6]. **Processes** [539, 29, 197, 20, 629, 441, 191, 313]. **Processing** [47]. **Product** [353, 527]. **products** [153]. **profile** [384]. **Profiles** [150, 385]. **Profiling** [250]. **prognosis** [653]. **Program** [489]. **Programming** [487]. **Progression** [507, 252]. **Project** [337]. **Projection** [463, 610]. **propagules** [536]. **Proportional** [155, 43, 327, 40, 63, 569]. **proportions** [193]. **Pseudofactors** [225]. **Public** [334]. **Purchasing** [109]. **Pure** [369]. **Puri** [27]. **purpose** [556]. **Pursuit** [463]. **Pyzdek** [75].

Q [169]. **QR** [490]. **Quadratic** [58, 264]. **Quality** [86, 487, 74, 317, 318, 75, 101, 348, 237, 302, 109]. **quantal** [224]. **Quantile** [571, 656, 627]. **Quantiles** [118, 388, 657]. **Quantitatifs** [206]. **quasi** [436]. **quasi-independence** [436].

R [46, 317, 239, 214]. **R.** [74, 25, 212, 169, 45, 164, 197, 203, 213, 104, 47, 50, 238]. **R19** [4]. **R67** [149]. **R82** [33]. **R83** [59, 123, 124]. **R84** [60]. **R85** [122]. **R86** [147]. **R87** [148]. **R88** [175]. **R89** [247]. **R90** [265]. **R91** [340]. **R92** [388]. **R93** [473]. **R94** [474]. **R95** [475]. **R96** [504]. **radiation** [230]. **radiocarbon** [397, 614]. **Rainfall** [523, 644]. **Random** [232, 98, 29, 107, 542, 189, 618, 182, 494]. **Randomization** [515, 587]. **randomness** [274]. **range** [272]. **Rank** [388, 99, 634, 230, 404]. **Ranking** [251]. **Rankings** [180, 612, 662, 13]. **Rapid** [324]. **rate** [584, 438]. **Rates** [398, 509, 134, 306, 91]. **Ratio** [59, 124, 4, 2, 385, 123, 426, 590, 182, 159]. **ratios** [367]. **Ratkowsky** [113]. **RC** [32]. **Re** [130]. **Re-Expression** [130]. **Read** [167]. **Readings** [48]. **Reallocation** [304]. **reanalysed** [597]. **Reasoning** [293]. **reconviction** [591]. **Records** [469, 537, 654]. **recurrent** [468]. **Recursive** [265, 566]. **Reduced** [99, 230]. **region** [656, 538]. **Regional** [70]. **Regions** [339, 373, 524]. **registered** [443]. **Regression** [446, 307, 298, 458, 80, 126, 113, 560, 323, 504, 207, 388, 296, 68, 373, 413, 127, 394, 503, 195, 359, 484, 456, 125, 230, 657, 131, 615, 132, 648, 496, 571, 309, 6, 642, 384, 628, 91, 236, 208, 257]. **Regressions** [490, 592, 562, 174]. **Regressor** [243]. **Regressors** [99]. **Reid** [260]. **reinforced** [92]. **Rejection** [226, 352, 466, 577]. **Related** [106, 42]. **Relations** [68]. **Relationship** [484, 308]. **Relative** [516, 429, 628]. **release** [153]. **Reliability** [290, 312, 582, 379, 23]. **Reliable**

[64, 67, 275]. **Remark** [147, 59, 124, 149, 4, 265, 175, 60, 148, 247, 504, 388, 475, 33, 474, 340, 473, 123, 122, 149, 4, 265, 175, 247, 504, 388, 475, 33, 474, 340, 473]. **renewal** [10]. **Renshaw** [319]. **Repeated** [199, 150, 196, 65, 467, 481, 365]. **Repetition** [543]. **replicate** [546]. **Replicated** [52, 533]. **replicates** [483]. **replication** [347]. **Report** [270, 422, 308]. **reporting** [87]. **resampling** [642]. **Research** [144, 204, 112]. **Residual** [504, 296, 271]. **Resolution** [345]. **resonance** [532]. **resources** [135]. **Respiration** [398]. **Respiratory** [548]. **Response** [285, 279, 348, 409, 442, 607, 154, 629, 496, 40, 536, 659, 652]. **responses** [439, 224]. **restoration** [408]. **Restricted** [97, 484]. **Result** [194]. **retrospective** [364]. **returns** [648]. **Reviews** [198, 391, 144, 319, 71, 315, 294, 167, 313, 18, 103, 111, 417, 73, 27, 115, 70, 110, 320, 143, 322, 260, 291, 292, 316, 74, 25, 375, 46, 295, 215, 77, 262, 337, 199, 259, 165, 26, 258, 24, 172, 55, 212, 113, 204, 169, 206, 241, 116, 235, 202, 210, 317, 314, 293, 336, 211, 389, 234, 171, 236, 48, 207, 208, 205, 318, 321, 290, 312, 142, 49, 68, 29, 23, 28, 45, 76, 404, 164, 109, 197, 209, 72, 200, 107, 374, 102, 203, 54, 168, 239, 53, 257, 240, 242, 350, 214, 75, 213, 403]. **Reviews** [376, 170, 30, 104, 163, 105, 47, 101, 349, 69, 405, 19, 112, 433, 141, 78, 21, 140, 106, 79, 22, 51, 114, 52, 20, 166, 50, 139, 237, 108, 390, 261, 238, 201]. **rice** [613]. **Ridge** [195]. **Ridyard** [164]. **Rights** [450]. **Risk** [510, 634, 367, 615, 569]. **risks** [276]. **Robbins** [82, 192, 563]. **Robbins-Monro** [82, 192]. **Robbins-Monro-based** [563]. **Robert** [294]. **Roberts** [451]. **Robins** [232]. **Robust** [487, 307, 68, 224, 397, 480, 207]. **Rodent** [303]. **Roger** [295]. **Rolf** [389]. **Ross** [211]. **rotation** [651]. **Round** [232]. **Rounding** [298]. **Rousseeuw** [165]. **Routines** [416, 244, 415]. **Row** [482, 546, 96]. **Row-Column** [482, 96]. **Rows** [57]. **rule** [9]. **Rules** [454, 609]. **Run** [81, 526].

S [45, 105, 22]. **S.** [167, 25, 211, 48, 164, 168, 140, 20, 201]. **sacrifice** [535]. **Sample** [614, 117, 118, 119, 371, 182]. **sampled** [284]. **sampler** [366]. **Samples** [515, 464, 438]. **Sampling** [86, 343, 226, 286, 429, 516, 213, 352, 493, 327, 466, 577, 182, 562, 443]. **Savas** [171]. **Saxe** [294]. **scale** [591, 568, 11, 535]. **Scaling** [581, 298]. **Scheaffer** [212, 213, 238]. **Scheme** [183, 164]. **Schemes** [81]. **Science** [161, 581]. **Sciences** [167]. **Scientific** [375]. **Score** [86, 183, 591, 284]. **Scores** [388, 634, 383, 551]. **Scoring** [305]. **Scotch** [369]. **screening** [589]. **Sea** [632, 545, 186, 654]. **Sea-Level** [632]. **Sea-Levels** [186, 654]. **Search** [82]. **Second** [71]. **Section** [488, 580, 544, 555, 567, 310, 398, 500, 470, 498, 487, 232, 457, 458, 255, 162, 430, 369, 288, 444, 431, 413, 254, 469, 499, 334, 348, 161, 386]. **sectional** [438, 88]. **Seed** [437, 464]. **segment** [650]. **Seismic** [386]. **Selecting** [173, 550]. **Selection** [488, 148, 208, 614, 333, 480]. **self** [308, 89]. **self-exciting** [89]. **self-report** [308]. **Seminar** [313]. **Semiparametric** [657]. **Sequences** [387, 454, 650, 626, 88]. **Sequential** [228, 583, 563]. **serial** [426]. **Series** [103, 361, 205, 53, 69, 67, 304, 626, 654, 484, 533, 596, 426, 187, 481, 532, 593, 550, 89, 179]. **Set** [345, 397]. **Sets** [575, 120, 99, 543]. **Several** [372, 401]. **sex** [590]. **sexual** [631]. **Shaped** [339]. **shapes** [561]. **Shewhart** [86]. **Shewhart-Cumulative** [86]. **short** [654]. **Should** [75]. **Shrinkage** [305]. **sides** [132]. **Significance** [570, 436]. **Simple** [217, 265, 380, 386]. **Simpler** [44]. **Simplex** [472]. **simplify** [642]. **simplifying** [629]. **Simpson** [239]. **SIMSTAT** [390]. **simulated** [360]. **Simulating** [489, 542]. **Simulation** [575, 211]. **Simultaneous** [191].

Single [166, 485]. **Singular** [430, 425]. **Sir** [260]. **situ** [521]. **Size** [149, 190]. **skewed** [7]. **Skinner** [170]. **Skyrms** [24]. **Small** [515, 456]. **Smirnov** [371]. **Smith** [77, 169, 170]. **Smoothing** [458, 445, 647, 641]. **Smoothly** [307]. **Snell** [260, 46, 239]. **Social** [26, 204, 581, 568, 306]. **Software** [391, 144, 294, 417, 115, 143, 322, 375, 295, 215, 582, 262, 337, 172, 55, 241, 116, 336, 389, 171, 142, 404, 374, 242, 350, 403, 376, 30, 349, 405, 433, 78, 79, 390, 116]. **Soil** [398, 522, 536]. **solar** [651, 230]. **SOLO** [262]. **Some** [154, 587, 275, 66, 187, 592, 631]. **Source** [346, 345]. **Sources** [51]. **SP.** [144]. **Space** [319, 644]. **space-time** [644]. **spaced** [481]. **Spatial** [615, 386, 114, 286, 331, 274]. **spatiotemporal** [547]. **Specific** [385, 612, 662]. **Spectral** [533, 651]. **Spectroscopic** [430, 613]. **Speeds** [363]. **Sphericity** [338]. **Splicing** [395]. **splines** [641]. **spongiform** [559, 558, 556, 557]. **Sprent** [54]. **SPSS** [242, 350]. **SPSS/PC** [242]. **Square** [117, 118]. **Squares** [265, 258, 416, 360, 244, 415]. **stable** [648]. **Stage** [196, 194, 437, 379]. **Standardization** [470]. **Standardized** [173]. **standardizing** [657]. **Star** [339]. **Star-Shaped** [339]. **STAT** [417, 240]. **STAT-ITCF** [417]. **State** [303, 626, 6]. **statements** [272]. **Stationarity** [632]. **Stationary** [53, 542]. **Statistic** [338, 504, 296, 283]. **Statistical** [391, 144, 36, 446, 294, 324, 167, 32, 147, 59, 124, 250, 338, 471, 82, 217, 417, 472, 149, 115, 298, 357, 297, 4, 143, 322, 502, 25, 35, 375, 219, 295, 117, 118, 245, 215, 218, 246, 266, 489, 353, 400, 262, 58, 265, 337, 81, 26, 175, 172, 60, 55, 526, 80, 148, 126, 402, 387, 247, 241, 145, 116, 293, 445, 336, 323, 372, 401, 389, 56, 171, 504, 318, 290, 312, 388, 296, 31, 142, 475, 264, 29, 216, 299, 5, 404, 339, 173, 514, 209, 1, 2, 119, 57, 107, 243, 244, 373, 414, 416, 374]. **Statistical** [54, 527, 146, 263, 371, 33, 120, 121, 240, 242, 350, 351, 515, 403, 3, 376, 528, 474, 30, 340, 105, 349, 122, 503, 405, 19, 112, 174, 473, 433, 490, 78, 79, 573, 51, 586, 161, 352, 139, 237, 390, 201, 42, 452, 591, 92, 509, 12, 260]. **Statistician** [292, 519]. **Statistics** [144, 316, 190, 204, 202, 28, 72, 239, 516, 469, 545, 537, 238, 429, 642, 108, 24, 76, 163, 21, 140]. **STATS** [404]. **STATXACT** [78]. **Stays** [512]. **Step** [460, 440]. **Stephen** [79]. **stimulation** [586]. **Stochastic** [313, 110, 624, 302, 197, 637, 20, 547, 6]. **Stock** [166]. **Stopping** [454, 194]. **Straight** [265]. **Strategies** [488, 77]. **stratified** [182]. **stratigraphy** [622]. **strawberry** [635]. **Streit** [20]. **strength** [360]. **Strict** [94]. **stroke** [569]. **Structural** [357, 235]. **Structure** [353, 33, 3, 252, 607, 635]. **Structured** [110, 655]. **Student** [264]. **Studies** [26, 196, 409, 653, 612, 662, 93, 627, 362, 417, 259]. **Study** [487, 253, 413, 510, 348, 161, 559, 558, 556, 596, 568, 557, 593, 588, 589]. **studying** [534]. **Subject** [385, 612, 662, 554]. **Subject-Specific** [385, 612, 662]. **Subjective** [254]. **subjects** [468]. **Subsequences** [387]. **Subset** [149, 208, 490, 174]. **Subsets** [173, 243]. **such** [626]. **Sum** [81, 526, 309]. **Summands** [575]. **Summaries** [386]. **Summarizing** [397]. **SUPERANOVA** [391]. **Supplement** [416, 244, 415]. **Surface** [348, 652]. **surfaces** [629]. **Survey** [213, 47, 50]. **surveys** [568, 170]. **Survival** [90, 220, 385, 272, 381, 43, 535, 423, 284, 628]. **survival-sacrifice** [535]. **Survivorship** [259]. **symmetric** [648]. **symmetry** [576]. **syndrome** [610, 617, 328, 494, 423]. **SYSTAT** [403]. **System** [428, 87]. **Systematic** [343]. **systems** [278, 139].

T [50]. **T.** [291, 292, 203, 75, 170, 141, 139, 261]. **Tables** [502, 26, 148, 402, 372, 401, 277, 57, 436, 158, 160]. **tablets** [509]. **Tableux** [206].

Taguchi [348, 508, 253, 8]. **Tail** [44]. **target** [456]. **targets** [153]. **Task** [344]. **Teaching** [288]. **techniques** [534, 550, 625]. **technological** [379]. **technology** [629, 652]. **Telephone** [50]. **Temperature** [398]. **templates** [637]. **temporal** [638]. **Term** [57, 362]. **terminating** [423]. **Terry** [444]. **Test** [297, 209, 119, 120, 515, 522, 228, 576, 474, 480, 284, 274]. **Testing** [338, 312, 209, 437, 273, 360, 651, 582, 485]. **Tests** [324, 383, 371, 166, 565, 496, 436, 158, 384, 278, 89, 379, 589]. **Their** [110, 202]. **Theory** [260, 316, 258, 317, 290, 312, 29, 45, 72, 153, 49]. **think** [275]. **those** [244, 415, 416]. **Three** [303, 196, 463, 437, 347]. **Three-Dimensional** [463, 347]. **Three-Stage** [196, 437]. **Three-State** [303]. **threshold** [278, 89]. **threshold-type** [278]. **Tibshirani** [203]. **Tierney** [240]. **Time** [103, 279, 596, 361, 53, 362, 69, 385, 67, 304, 484, 533, 272, 426, 187, 532, 593, 550, 63, 644, 89, 179, 423, 319]. **Time-Ordered** [279]. **Times** [205, 481]. **timing** [509]. **Tissue** [137]. **Toker** [405]. **tomography** [611]. **Tony** [171]. **Tool** [204]. **tools** [599, 619]. **tooth** [511]. **Total** [329, 484]. **Toxicity** [409]. **transect** [493]. **Transfer** [161]. **Transform** [145, 132]. **Transformation** [470]. **Transformations** [253, 8, 154]. **Transformed** [310, 130]. **transfusion** [423]. **transition** [365, 6]. **transmission** [558]. **Transplantation** [137]. **Treated** [510]. **treatment** [560, 595]. **trees** [331]. **Trend** [180, 526, 362]. **trial** [560]. **Trials** [553, 287, 482, 587, 189, 546, 595]. **triangular** [436]. **Trigamma** [175]. **True** [507]. **Truncated** [56, 9, 423]. **truncation** [330]. **Tufte** [214]. **Tumorigenicity** [303]. **tumour** [653, 362]. **TURBO** [433]. **Two** [343, 126, 119, 277, 57, 371, 194, 515, 99, 379, 508, 42, 653, 647, 125, 546, 603, 625, 616, 589]. **two-component** [616]. **Two-Dimensional** [343]. **two-level** [508]. **two-phase** [653, 589]. **two-replicate** [546]. **Two-Sample** [119, 371]. **Two-Stage** [194, 379]. **Two-Way** [277, 57]. **Type** [398, 110, 444, 278, 89, 274].

U [144, 316]. **U-SP.** [144]. **U-Statistics** [316]. **UK** [254]. **Umbrella** [80]. **Uncertain** [188]. **Uncertainty** [479, 443]. **unchanged** [309]. **unconditional** [410]. **unemployed** [11]. **Unemployment** [51, 276]. **unequal** [592]. **unequally** [481]. **unions** [497]. **uniqueness** [431]. **UNISTAT** [405]. **Unit** [144]. **university** [612, 662]. **unobservable** [581]. **unpaired** [560]. **Unreplicated** [570, 608]. **Unsupervised** [633]. **Uppuluri** [317]. **Uptake** [413]. **Upton** [114]. **uraemic** [328]. **Use** [343, 77, 512, 334, 384, 482, 154, 591, 13, 546, 658, 225, 642, 330]. **Used** [16, 497]. **Useful** [247]. **Using** [250, 656, 627, 490, 386, 166, 493, 582, 597, 596, 648, 441, 590, 601, 134, 485, 283, 394, 644, 494, 174, 480, 641, 366, 284, 636, 628]. **utilizations** [135].

V [260, 107]. **V.** [27, 317]. **vaccine** [647, 495]. **Value** [346, 400, 425]. **Values** [74, 265, 504, 296, 277, 156, 485, 606]. **Variability** [166, 410, 11, 534, 635]. **Variable** [86, 574, 154, 271, 639]. **Variables** [279, 332, 458, 58, 264, 243, 351, 480, 550, 625, 40]. **Variance** [307, 655, 656, 380, 286, 384, 652]. **variances** [592]. **Variate** [98]. **Variates** [126, 125]. **Variation** [285, 255, 460, 440, 456, 230, 615]. **Varietal** [488]. **Varying** [575]. **Vasic** [22]. **vector** [541]. **Venezuelan** [644]. **Version** [391, 144, 294, 417, 115, 143, 322, 295, 215, 262, 337, 172, 55, 241, 336, 389, 404, 374, 242, 350, 403, 376, 349, 405, 433, 78, 390]. **very** [42]. **Via** [145, 583, 327, 179, 382]. **View** [395]. **Vilaplana** [320]. **Vincze** [72]. **Virus** [507, 410, 571, 630, 133]. **Visek** [29]. **visual** [464]. **Vol** [579, 29, 51, 114, 52]. **Volume** [85, 178, 269, 356, 421, 478, 531,

620, 660, 661, 621]. **voting** [659]. **Vrancken** [47]. **Vries** [47].

W [26, 321, 47, 237]. **W.** [24, 236, 209, 72, 213, 47, 101, 50, 238]. **Wackerley** [238]. **Wadley** [227]. **Wages** [51]. **Waksberg** [50]. **Wald** [480]. **Walley** [293]. **waning** [647]. **Water** [254]. **Watson** [504, 296]. **Way** [277, 57]. **Waymire** [197]. **Ways** [96]. **Weak** [257]. **weekly** [156]. **weight** [657]. **weighted** [594]. **weighting** [9]. **Weiss** [76]. **Wertz** [72]. **whales** [438]. **Wheeler** [25]. **which** [272, 309]. **Whiskies** [369]. **white** [382]. **Whitten** [23]. **Wil** [389]. **Wilks** [228]. **William** [376]. **Wilms** [653]. **Wind** [363]. **Winter** [79]. **Wit** [47]. **within** [466]. **Wood** [77]. **Word** [15]. **Work** [51]. **Works** [30]. **Wrongs** [450].

Y. [26]. **Yannoulis** [26]. **Yogesh** [433].

Z. [26]. **Zehna** [321].

References

Majumder:1973:SAAa

[1] K. L. Majumder and G. P. Bhattacharjee. Statistical algorithms: Algorithm AS 63: The incomplete beta integral. *Applied Statistics*, 22(3):409–411, September 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/63`. See remark [4].

Majumder:1973:SAAb

[2] K. L. Majumder and G. P. Bhattacharjee. Statistical algorithms: Algorithm AS 64: Inverse of the incomplete beta function ratio. *Applied Statistics*, 22(3): 411–414, September 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/64`. See remark [4].

Rogers:1973:SAA

[3] C. E. Rogers. Statistical algorithms: Algorithm AS 65: Interpreting structure formulae. *Applied Statistics*, 22(3): 414–424, September 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/65`. See remark [33].

Cran:1977:SAR

[4] G. W. Cran, K. J. Martin, and G. E. Thomas. Statistical algorithms: Remark AS R19 and Algorithm AS 109: A remark on algorithms: AS 63: The incomplete beta integral AS 64: Inverse of the incomplete beta function ratio. *Applied Statistics*, 26(1):111–114, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [1, 2, 59].

Lenth:1987:SAA

[5] Russell V. Lenth. Statistical algorithms: Algorithm AS 226: Computing noncentral beta probabilities. *Applied Statistics*, 36(2):241–244, June 1987. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/226`. See remarks [60, 475].

Robertson:1990:MRM

[6] Chris Robertson. A matrix regression model for the transition probabilities in a finite state stochastic process. *Applied Statistics*, 39(1):1–19, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1990:EDA

[7] A. C. Kimber. Exploratory data analysis for possibly censored data from skewed distributions. *Applied Statistics*, 39(1):21–30, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Logothetis:1990:BCT

[8] N. Logothetis. Box–Cox transformations and the Taguchi method. *Applied Statistics*, 39(1):31–48, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Darvell:1990:WRE

[9] B. W. Darvell. A weighting rule and an end point correction for moments of truncated distributions. *Applied Statistics*, 39(1):49–54, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Schneider:1990:CNE

[10] Helmut Schneider, Bin-Shan Lin, and Colm O'Cinneide. Comparison of nonparametric estimators for the renewal function. *Applied Statistics*, 39(1):55–61, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Keiding:1990:MEM

[11] Niels Keiding, Per Kragh Andersen, and Kirsten Frederiksen. Modelling excess mortality of the unemployed: choice of scale and extra-Poisson variability. *Applied Statistics*, 39(1):63–74, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jansen:1990:SAO

[12] J. Jansen. On the statistical analysis of ordinal data when extravariation is present. *Applied Statistics*, 39(1):75–84, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Joe:1990:EUP

[13] Harry Joe. Extended use of paired comparison models, with application to chess rankings. *Applied Statistics*, 39 (1):85–93, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bessler:1990:PAC

[14] David A. Bessler and John L. Kling. Prequential analysis of cattle prices. *Applied Statistics*, 39(1):95–106, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bailey:1990:MFW

[15] B. J. R. Bailey. A model for function word counts. *Applied Statistics*, 39 (1):107–114, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Follmann:1990:MFI

[16] Dean A. Follmann. Modelling failures of intermittently used machines. *Applied Statistics*, 39(1):115–123, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Minkin:1990:LE

[17] Salomon Minkin and David J. Venzon. Letter to the editors. *Applied Statistics*, 39(1):125–127, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Blackaby:1990:BRD

[18] D. H. Blackaby. Book reviews: *The Distribution of Earnings 1973 to 1986*, by M. Adams. *Applied Statistics*, 39(1):129, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sittampalam:1990:BRS

[19] Yoga Sittampalam. Book reviews: *Statistical Modelling in GLIM*, by M. Aitkin, D. Anderson, B. Francis and J. Hinde. *Applied Statistics*, 39(1):130, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Whittle:1990:BRS

[20] P. Whittle. Book reviews: *Stochastic Processes in Physics and Engineering*, by S. Albeverio, P. Blanchard, M. Hazewinkel and L. Streit. *Applied Statistics*, 39(1):130–131, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1990:BRI

[21] A. Springall. Book reviews: *Interpreting Data — A First Course in Statistics*, by A. J. B. Anderson. *Applied Statistics*, 39(1):131, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Thompson:1990:BRM

[22] J. W. Thompson. Book reviews: *Means and Inequalities*, by P. S. Bullen, D. S. Mitrinovic and P. M. Vasic. *Applied Statistics*, 39(1):131–132, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Leech:1990:BRP

[23] D. J. Leech. Book reviews: *Parameter Estimation in Reliability*, by A. C. Cohen and B. J. Whitten. *Applied Statistics*, 39(1):132–133, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

French:1990:BRC

[24] Simon French. Book reviews: *Causation in Decision, Belief Change and Statistics*, by W. L. Harper and B. Skyrms. *Applied Statistics*, 39(1):133–134, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Davies:1990:BRP

[25] A. Davies and Alan D. Airth. Book reviews: PLR loans: A statistical exploration, by A. Hasted, R. Mead and S. Wheeler. *Applied Statistics*, 39(1): 134–135, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Francis:1990:BRS

[26] Brian Francis. Book reviews: *Statistical Tables for Economic, Business and Social Studies. 2nd edn*, by Z. W. Kmietowitz and Y. Yannoulis. *Applied Statistics*, 39(1):135–136, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Clarke:1990:BRC

[27] G. M. Clarke. Book reviews: *Characterizations and Analysis of Block Designs*, by A. K. Nigam, P. D. Puri and V. K. Gupta. *Applied Statistics*, 39 (1):136–137, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Legg:1990:BRB

[28] Lorna Legg. Book reviews: *Biopharmaceutical Statistics for Drug Development*, by K. E. Peace. *Applied Statistics*, 39(1):137–138, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lee:1990:BRI

[29] P. M. Lee. Book reviews: *Information Theory, Statistical Decision Functions, Random Processes, Vol. B*, by J. A. Visek. *Applied Statistics*, 39(1):138, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ryder:1990:SSR

[30] Ken Ryder, Edward Brent, and Greta M. Ljung. Statistical software reviews: *Statistical Navigator*, by The Idea Works Inc. *Applied Statistics*, 39 (1):139–142, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Krajewski:1990:SAA

[31] Pawel Krajewski and Idzi Siatkowski. Statistical algorithms: Algorithm AS 252: Generating classes for log-linear models. *Applied Statistics*, 39(1): 143–151, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/252`.

Becker:1990:SAA

[32] Mark P. Becker. Statistical algorithms: Algorithm AS 253: Maximum likelihood estimation of the RC(M) association model. *Applied Statistics*, 39 (1):152–167, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/253`.

Payne:1990:SAR

[33] R. W. Payne. Statistical algorithms: Remark AS R82: A remark on Algorithm AS 65: Interpreting structure formulae. *Applied Statistics*, 39 (1):167–175, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/65`. See [3].

Dersimonian:1990:CAM

[34] R. Dersimonian. Correction to Algorithm AS 221: Maximum likelihood estimation of a mixing distribution. *Applied Statistics*, 39(1):176, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/221`.

DerSimonian:1990:SAC

[35] R. DerSimonian. Statistical algorithms: Correction to Algorithm AS 221: Maximum likelihood estimation of a mixing distribution. *Applied Statistics*, 39(1):176, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1990:ISA

[36] Anonymous. Index of statistical algorithms. *Applied Statistics*, 39(1): 177–187, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1990:BMPa

[37] Anonymous. Back matter. *Applied Statistics*, 39(1):[5], 1990. CODEN AP-

STAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1990:FMPa

[38] Anonymous. Front matter. *Applied Statistics*, 39(1):[3], 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

deBragancaPereira:1990:AD

[39] Carlos Alberto de Bragança Pereira and Luis Raúl Pericchi. Analysis of diagnosability. *Applied Statistics*, 39(2): 189–204, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Peterson:1990:PPO

[40] Bercedis Peterson and Frank E. Harrell, Jr. Partial proportional odds models for ordinal response variables. *Applied Statistics*, 39(2):205–217, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chow:1990:DBC

[41] Shein-Chung Chow and Jun Shao. On the difference between the classical and inverse methods of calibration. *Applied Statistics*, 39(2):219–228, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bland:1990:ABV

[42] J. M. Bland, J. L. Peacock, H. R. Anderson, O. G. Brooke, and M. De Curtis. The adjustment of birthweight for very early gestational ages: two related problems in statistical analysis. *Applied Statistics*, 39(2):229–239, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Noura:1990:PHC

[43] A. A. Noura and K. L. Q. Read. Proportional hazards changepoint models in survival analysis. *Applied Statistics*, 39 (2):241–253, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lin:1990:MSL

[44] Jinn Tyan Lin. Miscellanea: A simpler logistic approximation to the normal tail probability and its inverse. *Applied Statistics*, 39(2):255–257, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Leslie:1990:BRI

[45] J. R. Leslie. Book reviews: The Inverse Gaussian Distribution: Theory, Methodology, and Applications, by R. S. Chhikara and J. L. Folks. *Applied Statistics*, 39(2):259–260, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Diamond:1990:BRA

[46] Ian Diamond. Book reviews: Analysis of Binary Data. 2nd Edn, by D. R. Cox and E. J. Snell. *Applied Statistics*, 39 (2):260–261, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Saunders:1990:BRA

[47] D. Saunders. Book reviews: *Automation in Survey Processing*, by J. H. W. Driessen, W. J. Keller, R. J. Mokken, E. H. J. Vrancken, W. F. M. de Vries and J. W. W. A. Wit. *Applied Statistics*, 39 (2):261–262, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1990:BRR

[48] Alan Kimber. Book reviews: *Readings in Decision Analysis*, by S. French. *Applied Statistics*, 39(2):262, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lane:1990:BRA

[49] John A. Lane. Book reviews: *Advanced Probability Theory*, by J. Galambos. *Applied Statistics*, 39(2):263–264, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Williams:1990:BRT

[50] David Williams. Book reviews: *Telephone Survey Methodology*, by R. M. Groves, P. P. Biemer, L. E. Lyberg, J. T. Massey, W. L. Nicholls II and J. Waksberg. *Applied Statistics*, 39(2):264–265, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Trewsdale:1990:BRS

[51] Janet M. Trewsdale. Book reviews: *Statistical Sources and Methods: Vol. 4, Employment, Unemployment, Wages and Hours of Work*. *Applied Statistics*, 39(2):265, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Weatherup:1990:BRA

[52] S. T. C. Weatherup. Book reviews: *Analysis of Messy Data, Vol. 2, Non-Replicated Experiments*, by G. A. Milliken and D. E. Johnston. *Applied Statistics*, 39(2):266, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pemberton:1990:BRN

[53] J. Pemberton. Book reviews: *Non-Linear and Non-Stationary Time Series Analysis*, by M. B. Priestley. *Applied Statistics*, 39(2):266–268, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Moore:1990:BRA

[54] B. A. Moore. Book reviews: *Applied Nonparametric Statistical Methods*, by P. Sprent. *Applied Statistics*, 39(2):268, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fry:1990:SSR

[55] Tim Fry and David F. Hendry. Statistical software reviews: PC-GIVE. Version 6.01, by David F. Hendry. *Applied Statistics*, 39(2):269–272, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jones:1990:SAA

[56] P. N. Jones and G. J. McLachlan. Statistical algorithms: Algorithm AS 254: Maximum likelihood estimation from grouped and truncated data with finite normal mixture models. *Applied Statistics*, 39(2):273–282, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/254`.

Marsh:1990:SAA

[57] N. W. A. Marsh. Statistical algorithms: Algorithm AS 255: Fitting of two-way tables by means for rows, columns and cross-term. *Applied Statistics*, 39 (2):283–294, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/255`.

Farebrother:1990:SAA

[58] R. W. Farebrother. Statistical algorithms: Algorithm AS 256: The distribution of a quadratic form in normal variables. *Applied Statistics*, 39 (2):294–309, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/256`.

Berry:1990:SAA

[59] K. J. Berry, P. W. Mielke, Jr., and G. W. Cran. Statistical algorithms: Algorithm AS R83: A remark on Algorithm AS 109: Inverse of the incomplete beta function ratio. *Applied Statistics*, 39(2):309–310, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/109`. See [4] and correction [123].

Frick:1990:SAA

[60] H. Frick. Statistical algorithms: Algorithm AS R84: A remark on Algorithm AS 226: Computing non-central beta probabilities. *Applied Statistics*, 39 (2):311–312, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/226`. See [5, 475].

Anonymous:1990:BMPb

[61] Anonymous. Back matter. *Applied Statistics*, 39(2):[4], 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1990:FMPb

[62] Anonymous. Front matter. *Applied Statistics*, 39(2):[4], 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pettitt:1990:ITD

[63] A. N. Pettitt and I. Bin Daud. Investigating time dependence in Cox's proportional hazards model. *Applied Statistics*, 39(3):313–329, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bissell:1990:HRY

[64] A. F. Bissell. How reliable is your capability index? *Applied Statistics*, 39 (3):331–340, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Verbyla:1990:MRM

[65] A. P. Verbyla and B. R. Cullis. Modelling in repeated measures experiments. *Applied Statistics*, 39(3):341–356, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Azzalini:1990:LSD

[66] A. Azzalini and A. W. Bowman. A look at some data on the Old Faithful Geyser. *Applied Statistics*, 39(3):357–365, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Trabelsi:1990:BMT

[67] Abdelwahed Trabelsi and Steven C. Hillmer. Bench-marking time series with reliable bench-marks. *Applied Statistics*, 39(3):367–379, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lawson:1990:BRN

[68] Andrew Lawson. Book reviews: *Nonlinear Regression, Functional Relations and Robust Methods*, by H. Bunke and G. O. Bunke. *Applied Statistics*,

39(3):381, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shea:1990:BRA

[69] B. L. Shea. Book reviews: *The Analysis of Time Series: An Introduction, 4th edn*, by C. Chatfield. *Applied Statistics*, 39(3):382, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cohen:1990:BRA

[70] Geoff Cohen. Book reviews: *Advances in Regional Demography: Information, Forecasts, Models*, by P. Congdon and P. Batey. *Applied Statistics*, 39(3):382–384, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Arnold:1990:BRG

[71] Gillian Arnold. Book reviews: *Genstat 5: A Second Course*, by P. Digby, N. Galwey and P. Lane. *Applied Statistics*, 39(3):384, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McKenna:1990:BRP

[72] T. J. McKenna. Book reviews: *Probability Theory and Mathematical Statistics with Applications*, by W. Grossman, J. Mogyorodi, I. Vincze and W. Wertz. *Applied Statistics*, 39(3):385, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cheek:1990:BRG

[73] P. J. Cheek. Book reviews: *Generalized Linear Models, 2nd Edn*, by P. McCullagh and J. A. Nelder. *Applied Statistics*, 39(3):385–386, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Curram:1990:BRP

[74] J. B. Curram. Book reviews: *Parts per Million Values for Estimating Quality Levels*, by R. E. Odeh and D. B. Owen. *Applied Statistics*, 39(3):386–387, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rao:1990:BRW

[75] T. Subba Rao. Book reviews: *What Every Engineer Should Know about Quality Control*, by T. Pyzdek. *Applied Statistics*, 39(3):387–388, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Liu:1990:BRE

[76] Wei Liu. Book reviews: *Elementary Statistics*, by N. A. Weiss. *Applied Statistics*, 39(3):388–389, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Evans:1990:BRE

[77] A. G. Evans. Book reviews: Employers' Labour Use Strategies, by D. Wood and P. Smith. *Applied Statistics*, 39(3):389, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sprent:1990:SSR

[78] Peter Sprent and Cyrus R. Mehta. Statistical software reviews: STATXACT. version 1.0, by Cytel Software Corporation. *Applied Statistics*, 39(3):391–395, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Swan:1990:SSR

[79] A. V. Swan. Statistical software reviews: *Confidence Interval Analysis (CIA)*, by Martin J. Gardner, Stephen B. Gardner and Paul D. Winter. *Applied Statistics*, 39(3):395–396, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Geng:1990:SAA

[80] Zhi Geng and Ning-Zhong Shi. Statistical algorithms: Algorithm AS 257: Isotonic regression for umbrella orderings. *Applied Statistics*, 39(3): 397–402, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/257`.

Fellner:1990:SAA

[81] William H. Fellner. Statistical algorithms: Algorithm AS 258: Average run lengths for cumulative sum schemes. *Applied Statistics*, 39(3): 402–412, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/258`.

Buckland:1990:SAA

[82] S. T. Buckland and P. H. Garthwaite. Statistical algorithms: Algorithm AS 259: Estimating confidence intervals by the Robbins-Monro search process. *Applied Statistics*, 39 (3):413–424, 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/259`.

Anonymous:1990:BMPc

[83] Anonymous. Back matter. *Applied Statistics*, 39(3):[4], 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1990:FMPc

[84] Anonymous. Front matter. *Applied Statistics*, 39(3):[4], 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1990:VIP

[85] Anonymous. Volume information. *Applied Statistics*, 39(3):[4], 1990. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Amin:1991:VSI

[86] Raid W. Amin and Matoteng M. Ncube. Variable sampling interval combined Shewhart-cumulative score quality control procedure. *Applied Statistics*, 40 (1):1–12, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Heitjan:1991:MIF

[87] Daniel F. Heitjan and Roderick J. A. Little. Multiple imputation for the fatal accident reporting system. *Applied Statistics*, 40(1):13–29, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1991:EPD

[88] Laurel A. Smith and Denis A. Evans. Estimating a population distribution of sequences of k items from cross-sectional data. *Applied Statistics*, 40(1):31–42, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tong:1991:TSE

[89] Howell Tong and Iris Yeung. On tests for self-exciting threshold autoregressive-

type non-linearity in partially observed time series. *Applied Statistics*, 40(1):43–62, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gamerman:1991:DBM

[90] Dani Gamerman. Dynamic Bayesian models for survival data. *Applied Statistics*, 40(1):63–79, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Whittemore:1991:PRM

[91] A. S. Whittemore and G. Gong. Poisson regression with misclassified counts: application to cervical cancer mortality rates. *Applied Statistics*, 40(1):81–93, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1991:SAD

[92] Martin Crowder. A statistical approach to a deterioration process in reinforced concrete. *Applied Statistics*, 40 (1):95–103, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lewis:1991:PCM

[93] P. A. Lewis, P. W. Jones, J. W. Polak, and H. T. Tillotson. The problem of conversion in method comparison studies. *Applied Statistics*, 40(1):105–112, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Planitz:1991:SDA

[94] M. Planitz and J. Gates. Strict discrete approximation in the L_1 and L_∞ norms. *Applied Statistics*, 40(1):113–122, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farnum:1991:FPM

[95] Nicholas R. Farnum. A fixed point method for finding percentage points. *Applied Statistics*, 40(1):123–126, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Seeger:1991:WDC

[96] Paul Seeger. Ways of devising complicated row-column designs for field crop experiments. *Applied Statistics*, 40 (1):127–131, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nyquist:1991:REG

[97] Hans Nyquist. Restricted estimation of generalized linear models. *Applied Statistics*, 40(1):133–141, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kemp:1991:PRV

[98] C. D. Kemp and Adrienne W. Kemp. Poisson random variate generation. *Applied Statistics*, 40(1):143–158, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Velu:1991:RRM

[99] Raja P. Velu. Reduced rank models with two sets of regressors. *Applied Statistics*, 40(1):159–170, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Day:1991:LE

[100] S. J. Day, J. P. Royston, J. W. Pratt, Paul D. Haines, J.-T. Lin, and R. W. Farebrother. Letters to the editors. *Applied Statistics*, 40(1):171–176, 1991.

CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scaife:1991:BRP

[101] Garrett Scaife and Michael Stuart. Book reviews: *In-Process Quality Control for Manufacturing*, by W. E. Barkman. *Applied Statistics*, 40(1):177, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mollison:1991:BRA

[102] Denis Mollison. Book reviews: *The Analysis of Infectious Disease Data*, by N. G. Becker. *Applied Statistics*, 40 (1):177–178, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Blight:1991:BRA

[103] P. A. Blight. Book reviews: *The Analysis of Time Series: An Introduction. 4th edn*, by C. Chatfield. *Applied Statistics*, 40(1):178–179, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ryrie:1991:BRP

[104] S. C. Ryrie. Book reviews: *The Penguin Dictionary of Mathematics*, by J. Daintith and R. D. Nelson. *Applied Statistics*, 40(1):179, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sandilands:1991:BRS

[105] Michael H. Sandilands. Book reviews: *Statistical Methods for Medical Investigations*, by B. S. Everitt. *Applied Statistics*, 40(1):179–180, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1991:BRC

[106] Tony Springall. Book reviews: *Common Principal Components and Related Multivariate Models*, by B. Flury. *Applied Statistics*, 40(1):180–181, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mellor:1991:BRS

[107] Dale Mellor. Book reviews: *Statistical Analysis of Random Fields*, by A. V. Ivanov and N. N. Leonenko. *Applied Statistics*, 40(1):181–182, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wooff:1991:BRB

[108] David Wooff. Book reviews: Bayesian Statistics, by P. M. Lee. *Applied Statistics*, 40(1):182, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

MacArthur:1991:BRP

[109] Ewan W. MacArthur. Book reviews: *Purchasing and Quality*, by M. McRobb. *Applied Statistics*, 40(1):182–183, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Conolly:1991:BRS

[110] B. W. Conolly. Book reviews: *Structured Stochastic Matrices of M/G/1 Type and Their Applications*, by M. F. Neuts. *Applied Statistics*, 40(1):183–184, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Burrell:1991:BRP

[111] Quentin Burrell. Book reviews: *Probability: Methods and Measurement*, by A. O'Hagan. *Applied Statistics*, 40

(1):184–185, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1991:BRS

[112] M. K. Smith. Book reviews: *Statistical Issues in Drug Research and Development*, by K. E. Peace. *Applied Statistics*, 40(1):185–186, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Giddings:1991:BRH

[113] D. R. Giddings. Book reviews: *Handbook of Nonlinear Regression Models*, by D. A. Ratkowsky. *Applied Statistics*, 40 (1):186–187, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watkins:1991:BRS

[114] Alan Watkins. Book reviews: *Spatial Data Analysis by Example: Vol 2, Categorical and Directional Data*, by G. J. G. Upton and B. Fingleton. *Applied Statistics*, 40(1):187–188, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Coe:1991:SSR

[115] Richard Coe. Statistical software reviews: *Predict. Version 1.3*. *Applied Statistics*, 40(1):189–192, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1991:SSR

[116] David J. Hand and Maeve Wall. Statistical software reviews: BMDP 5V, by BMDP Statistical Software. *Applied Statistics*, 40(1):192–194, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ding:1991:SAAa

[117] Cherng G. Ding and Rolf E. Bargmann. Statistical algorithms: Algorithm AS 260: Evaluation of the distribution of the square of the sample multiple-correlation coefficient. *Applied Statistics*, 40(1):195–198, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/260`.

Ding:1991:SAAb

[118] Cherng G. Ding and Rolf E. Bargmann. Statistical algorithms: Algorithm AS 261: Quantiles of the distribution of the square of the sample multiple-correlation coefficient. *Applied Statistics*, 40(1):199–202, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/261`.

Makuch:1991:SAA

[119] Robert W. Makuch, Michael Escobar, and Samuel Merrill III. Statistical algorithms: Algorithm AS 262: A two-sample test for incomplete multivariate data. *Applied Statistics*, 40(1): 202–212, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/262`.

Payne:1991:SAAa

[120] R. W. Payne. Statistical algorithms: Algorithm AS 263: Construction of irredundant test sets. *Applied Statistics*, 40 (1):213–229, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/263`.

Payne:1991:SAAb

[121] R. W. Payne. Statistical algorithms: Algorithm AS 264: Printing of bit patterns. *Applied Statistics*, 40(1): 229–233, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/264`.

Shea:1991:SAA

[122] B. L. Shea. Statistical algorithms: Algorithm AS R85: A remark on Algorithm AS 91: The percentage points of the χ^2 distribution. *Applied Statistics*, 40(1):233–235, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/91`.

Berry:1991:CAR

[123] K. J. Berry, P. W. Mielke, and G. W. Cran. Correction of Algorithm AS R83 — A remark on Algorithm AS 109: Inverse of the incomplete beta function ratio. *Applied Statistics*, 40 (1):236, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/109`. See [59].

Berry:1991:SAC

[124] K. J. Berry, P. W. Mielke, Jr., and G. W. Cran. Statistical algorithms: Correction to Algorithm AS R83 — A remark on Algorithm AS 109: Inverse of the incomplete beta function ratio. *Applied Statistics*, 40(1):236, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/109`.

Geng:1991:CAI

[125] Z. Geng and N.-Z. Shi. Correction to Algorithm AS 206: Isotonic regression in two independent variates. *Applied Statistics*, 40(1):236, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/206`.

Geng:1991:SAC

[126] Zhi Geng and Ning-Zhong Shi. Statistical algorithms: Correction to Algorithm AS 206: Isotonic regression in two independent variates. *Applied Statistics*, 40(1):236, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Puterman:1991:CLI

[127] M. L. Puterman. Corrigendum: Leverage and influence in autocorrelated regression models. *Applied Statistics*, 40(1):237, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1991:BMPa

[128] Anonymous. Back matter. *Applied Statistics*, 40(1):[3], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1991:FMPa

[129] Anonymous. Front matter. *Applied Statistics*, 40(1):[4], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Waddington:1991:MRE

[130] D. Waddington. Matched re-expression for presentation of transformed data in linear models. *Applied Statistics*, 40

(2):239–248, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Holtbrugge:1991:CRM

[131] Werner Holtbrügge and Martin Schumacher. A comparison of regression models for the analysis of ordered categorical data. *Applied Statistics*, 40 (2):249–259, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kettl:1991:AHT

[132] Stena Kettl. Accounting for heteroscedasticity in the transform both sides regression model. *Applied Statistics*, 40(2):261–268, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rosenberg:1991:BFL

[133] Philip S. Rosenberg and Mitchell H. Gail. Backcalculation of flexible linear models of the human immunodeficiency virus infection curve. *Applied Statistics*, 40(2):269–282, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Marshall:1991:MDM

[134] Roger J. Marshall. Mapping disease and mortality rates using empirical Bayes estimators. *Applied Statistics*, 40(2): 283–294, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Benjamini:1991:CCB

[135] Yoav Benjamini and Magid Igbaria. Clustering categories for better prediction of computer resources utilizations. *Applied Statistics*, 40(2):295–307, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Narayanaswamy:1991:PCA

[136] C. R. Narayanaswamy and D. Raghavarao. Principal component analysis of large dispersion matrices. *Applied Statistics*, 40(2):309–316, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gilks:1991:TMM

[137] Walter R. Gilks. Tissue matching and matchability in kidney transplantation. *Applied Statistics*, 40(2):317–336, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Baker:1991:LE

[138] R. D. Baker and J. B. Tilbury. Letter to the editors. *Applied Statistics*, 40 (2):337–338, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wilson:1991:BRS

[139] G. Tunnicliffe Wilson. Book reviews: *Statistical Analysis and Control of Dynamic Systems*, by H. Akaike and T. Nakagawa. *Applied Statistics*, 40(2): 339–340, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1991:BRA

[140] A. Springall. Book reviews: *Assignments in Applied Statistics*, by S. Conrad. *Applied Statistics*, 40(2):340–341, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Spjotvoll:1991:BRM

[141] Emil Spjotvoll. Book reviews: *Multivariate Calibration*, by H. Martens and T. Naes. *Applied Statistics*, 40 (2):341–342, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kreft:1991:SSR

[142] Ita G. G. Kreft, Kyung-Sung Kim, and Bob Prosser. Statistical software reviews: ML3. *Applied Statistics*, 40 (2):343–347, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crichton:1991:SSR

[143] Nicola J. Crichton and Jonathan Buckley. Statistical software reviews: EPILOG plus. version 2.06. *Applied Statistics*, 40(2):347–351, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Allin:1991:SSR

[144] Paul Allin and U-SP Development Team. Statistical software reviews: U-SP. Version 3.0, by Applied Statistics Research Unit. *Applied Statistics*, 40 (2):351–354, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Grubel:1991:SAA

[145] R. Grubel. Statistical algorithms: Algorithm AS 265: G/G/1 via fast Fourier transform. *Applied Statistics*, 40(2): 355–365, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/265`.

Narayanan:1991:SAA

[146] A. Narayanan. Statistical algorithms: Algorithm AS 266: Maximum likelihood estimation of the parameters of the Dirichlet distribution. *Applied Statistics*, 40(2):365–374, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/266`.

Berger:1991:SAA

[147] Roger L. Berger. Statistical algorithms: Algorithm AS R86: A remark on Algorithm AS 152: Cumulative hypergeometric probabilities. *Applied Statistics*, 40(2):374–375, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/152`.

Geng:1991:SAA

[148] Zhi Geng and Xiu-Mei Liu. Statistical algorithms: Algorithm AS R87: A remark on Algorithm AS 185: Automatic model selection in contingency tables. *Applied Statistics*, 40(2):376, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/185`.

Cobby:1991:SAC

[149] John M. Cobby. Statistical algorithms: Correction to Remark AS R67 — A remark on AS 199: A branch and bound algorithm for determining the optimal feature subset of given size. *Applied Statistics*, 40(2):376–377, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kenward:1991:CMC

[150] M. G. Kenward. Corrigendum: A method for comparing profiles of re-

peated measurements. *Applied Statistics*, 40(2):379, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1991:BMPb

[151] Anonymous. Back matter. *Applied Statistics*, 40(2):[3], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1991:FMPb

[152] Anonymous. Front matter. *Applied Statistics*, 40(2):[4], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shao:1991:CRT

[153] Jun Shao and Shein-Chung Chow. Constructing release targets for drug products: a Bayesian decision theory approach. *Applied Statistics*, 40(3): 381–390, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Buxton:1991:SCU

[154] J. R. Buxton. Some comments on the use of response variable transformations in empirical modelling. *Applied Statistics*, 40(3):391–400, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Henderson:1991:APU

[155] Robin Henderson and Alvin Milner. Aalen plots under proportional hazards. *Applied Statistics*, 40(3):401–409, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cholette:1991:CAW

[156] Pierre A. Cholette and Norma B. Chhab. Converting aggregates of weekly data into monthly values. *Applied Statistics*, 40(3):411–422, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Diggle:1991:NCC

[157] Peter J. Diggle and Nicholas I. Fisher. Nonparametric comparison of cumulative periodograms. *Applied Statistics*, 40 (3):423–434, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morgan:1991:ECT

[158] W. Meade Morgan and Brent A. Blumenstein. Exact conditional tests for hierarchical models in multidimensional contingency tables. *Applied Statistics*, 40(3):435–442, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Padmanabhan:1991:NER

[159] A. R. Padmanabhan. Nonparametric estimation of a ratio of multivariate means and applications. *Applied Statistics*, 40 (3):443–447, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Simonoff:1991:HOE

[160] Jeffrey S. Simonoff and Chih-Ling Tsai. Higher order effects in log-linear and log-non-linear models for contingency tables with ordered categories. *Applied Statistics*, 40(3):449–458, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wakefield:1991:GIS

[161] J. C. Wakefield, A. M. Skene, A. F. M. Smith, and I. W. Evett. General interest section: The evaluation of fibre transfer evidence in forensic science: A case study in statistical modelling. *Applied Statistics*, 40(3):461–476, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fearn:1991:GIS

[162] T. Fearn and P. I. Maris. General interest section: An application of Box-Jenkins methodology to the control of gluten addition in a flour mill. *Applied Statistics*, 40(3):477–484, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Salt:1991:BRI

[163] D. W. Salt. Book reviews: *Introduction to Probability and Mathematical Statistics*, by L. J. Bain and M. Engelhardt. *Applied Statistics*, 40(3):485, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mabbett:1991:BRE

[164] Alan Mabbett. Book reviews: *An Evaluation of the Loan Guarantee Scheme*, by S. Barrett, D. Colenutt, R. Foster, D. Glynn, S. Jaffer, I. Jones and D. Ridyard. *Applied Statistics*, 40(3):485–486, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fox:1991:BRF

[165] Wendy R. Fox. Book reviews: *Finding Groups in Data: An Introduction to Cluster Analysis*, by L. Kaufman and P. J. Rousseeuw. *Applied Statistics*, 40 (3):486–487, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wigodsky:1991:BRP

[166] P. A. Wigodsky. Book reviews: *Parameter Variability in the Single Factor Market Model: An Empirical Comparison of Tests and Estimation Procedures Using Data from the Helsinki Stock Exchange*, by J. Knif. *Applied Statistics*, 40(3):487, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Baxter:1991:BRE

[167] M. J. Baxter. Book reviews: *Encyclopedia of Statistical Sciences*, by S. Kotz, N. L. Johnson and C. B. Read. *Applied Statistics*, 40(3):488, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morrey:1991:BRD

[168] G. H. Morrey. Book reviews: *Designing Experiments and Analysing Data*, by S. E. Maxwell and H. D. Delaney. *Applied Statistics*, 40(3):488, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Goodwin:1991:BRI

[169] Paul Goodwin. Book reviews: *Influence Diagrams, Belief Nets and Decision Analysis*, by R. M. Oliver and J. Q. Smith. *Applied Statistics*, 40(3):489, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rutherford:1991:BRA

[170] Gilbert Rutherford. Book reviews: *Analysis of Complex Surveys*, by C. J. Skinner, D. Holt and T. M. F. Smith. *Applied Statistics*, 40(3):489–490, 1991.

CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jones:1991:SSR

[171] Byron Jones and Tony Greenfield. Statistical software reviews: DEX, by Tony Greenfield and Deniz Savas. *Applied Statistics*, 40(3):491–493, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

French:1991:SSR

[172] Simon French. Statistical software reviews: *Logical Decision: Version 1.10*, by Logical Decisions. *Applied Statistics*, 40(3):493–494, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lund:1991:SAA

[173] R. E. Lund. Statistical algorithms: Algorithm AS 267: Probabilities and standardized differences for selecting subsets containing the best populations. *Applied Statistics*, 40(3):495–502, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/267`.

Smith:1991:SAA

[174] D. M. Smith. Statistical algorithms: Algorithm AS 268: All possible subset regressions using the QR decomposition. *Applied Statistics*, 40(3): 502–513, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/268`. See correction [490].

Francis:1991:SAR

[175] Brian J. Francis. Statistical algorithms: Remark AS R88: A remark on Algorithm AS 121: The trigamma function. *Applied Statistics*, 40(3): 514–515, 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/121`.

Anonymous:1991:BMPc

[176] Anonymous. Back matter. *Applied Statistics*, 40(3):[4], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1991:FMPc

[177] Anonymous. Front matter. *Applied Statistics*, 40(3):[5], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1991:VIP

[178] Anonymous. Volume information. *Applied Statistics*, 40(3):[4], 1991. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tsay:1992:MCP

[179] Ruey S. Tsay. Model checking via parametric bootstraps in time series analysis. *Applied Statistics*, 41(1):1–15, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Critchlow:1992:DTP

[180] D. E. Critchlow and J. S. Verducci. Detecting a trend in paired rankings. *Applied Statistics*, 41(1):17–29, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Berman:1992:APP

[181] Mark Berman and T. Rolf Turner. Approximating point process likelihoods

with GLIM. *Applied Statistics*, 41(1):31–38, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McCallion:1992:OAS

[182] T. McCallion. Optimum allocation in stratified random sampling with ratio estimation as applied to the Northern Ireland December agricultural sample. *Applied Statistics*, 41(1):39–45, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Xiao:1992:CSC

[183] Hongjian Xiao. A cumulative score control scheme. *Applied Statistics*, 41 (1):47–54, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1992:GAD

[184] David Brown. A graphical analysis of deviance. *Applied Statistics*, 41(1):55–62, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Buckland:1992:FDF

[185] Stephen T. Buckland. Fitting density functions with polynomials. *Applied Statistics*, 41(1):63–76, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tawn:1992:EPE

[186] Jonathan A. Tawn. Estimating probabilities of extreme sea-levels. *Applied Statistics*, 41(1):77–93, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Grubb:1992:MTS

[187] Howard Grubb. A multivariate time series analysis of some flour price data. *Applied Statistics*, 41(1):95–107, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Im:1992:MLM

[188] S. Im. Mixed linear model with uncertain paternity. *Applied Statistics*, 41 (1):109–116, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ezzet:1992:REM

[189] Farkad Ezzet and John Whitehead. A random effects model for binary data from crossover clinical trials. *Applied Statistics*, 41(1):117–126, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fieller:1992:SPS

[190] N. R. J. Fieller, E. C. Flenley, and W. Olbricht. Statistics of particle size data. *Applied Statistics*, 41(1):127–146, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wesolowsky:1992:SAC

[191] G. O. Wesolowsky. Simultaneous acceptance control charts for independent processes. *Applied Statistics*, 41(1):147–158, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Garthwaite:1992:GMC

[192] Paul H. Garthwaite and Stephen T. Buckland. Generating Monte Carlo confidence intervals by the Robbins-Monro process. *Applied Statistics*, 41 (1):159–171, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

OQuigley:1992:EBP

[193] John O'Quigley. Estimating the binomial parameter n on the basis of pairs of known and observed proportions. *Applied Statistics*, 41(1):173–180, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pepe:1992:TSE

[194] Margaret Sullivan Pepe and Garnet L. Anderson. Two-stage experimental designs: Early stopping with a negative result. *Applied Statistics*, 41(1):181–190, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

leCessie:1992:REL

[195] S. le Cessie and J. C. van Houwelingen. Ridge estimators in logistic regression. *Applied Statistics*, 41(1):191–201, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lipsitz:1992:TSE

[196] Stuart R. Lipsitz, Nan M. Laird, and David P. Harrington. A three-stage estimator for studies with repeated and possibly missing binary outcomes. *Applied Statistics*, 41(1):203–213, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

MacKenzie:1992:BRS

[197] I. G. MacKenzie. Book reviews: *Stochastic Processes with Applications*, by R. N. Bhattacharya and E. C. Waymire. *Applied Statistics*, 41(1):215, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Agha:1992:BRE

[198] M. Agha. Book reviews: *Experiments with Mixtures*, by J. A. Cornell. *Applied Statistics*, 41(1):215–216, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farrow:1992:BRA

[199] Malcolm Farrow. Book reviews: *Analysis of Repeated Measures*, by M. J. Crowder and D. J. Hand. *Applied Statistics*, 41(1):216–217, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Meech:1992:BRI

[200] Robert Meech. Book reviews: *An Introduction to Generalized Linear Models*, by A. J. Dobson. *Applied Statistics*, 41 (1):217–218, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Young:1992:BRS

[201] Karen Young. Book reviews: *Statistical Design and Analysis of Industrial Experiments*, by S. Ghosh. *Applied Statistics*, 41(1):218, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1992:BRH

[202] David J. Hand. Book reviews: A history of probability and statistics and their applications before 1750, by A. Hald. *Applied Statistics*, 41(1):219, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Moon:1992:BRG

[203] Graham Moon. Book reviews: *Generalized Additive Models*, by T. J. Hastie

and R. J. Tibshirani. *Applied Statistics*, 41(1):219–220, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Goda:1992:BRS

[204] David Goda. Book reviews: *Statistics: A Tool for Social Research, 2nd edn*, by J. F. Healey. *Applied Statistics*, 41 (1):220–221, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1992:BRT

[205] Alan Kimber. Book reviews: *Times Series, 3rd edn*, by Maurice Kendall and J. K. Ord. *Applied Statistics*, 41(1):221, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1992:BRA

[206] J. C. Gower. Book reviews: *Analyse Conjointe de Tableux Quantitatifs*, by Ch. Lavit. *Applied Statistics*, 41(1):222, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1992:BRR

[207] Alan Kimber. Book reviews: Robust Regression — Analysis and Applications, by K. D. Lawrence and J. L. Arthur. *Applied Statistics*, 41(1):222–223, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1992:BRS

[208] Alan Kimber. Book reviews: *Subset Selection in Regression*, by A. J. Miller. *Applied Statistics*, 41(1):223, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Macarthur:1992:BRA

[209] Ewan Macarthur. Book reviews: *Accelerated Testing: Statistical Models, Test Plans, and Data Analyses*, by W. Nelson. *Applied Statistics*, 41(1):224–225, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1992:BRI

[210] David Hand. Book reviews: *Innumeracy: Mathematical Illiteracy and its Consequences*, by J. A. Paulos. *Applied Statistics*, 41(1):225, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hinde:1992:BRC

[211] John Hinde. Book reviews: A course in simulation, by S. M. Ross. *Applied Statistics*, 41(1):225–226, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gates:1992:BRI

[212] J. Gates. Book reviews: *Introduction to Probability and its Applications*, by R. L. Scheaffer. *Applied Statistics*, 41 (1):226–227, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rawlins:1992:BRE

[213] Ian Rawlins. Book reviews: *Elementary Survey Sampling, 4th edn*, by R. L. Scheaffer, W. Mendenhall and L. Ott. *Applied Statistics*, 41(1):227, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rangecroft:1992:BRE

[214] Margaret Rangecroft. Book reviews: *Envisioning Information*, by E. R. Tufte.

Applied Statistics, 41(1):227–228, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Disney:1992:SSR

[215] John Disney and Alan J. Collins. Statistical software reviews: DESIGN-EASE: Version 1.25 and DESIGN-EXPERT: Version 2.05. *Applied Statistics*, 41 (1):229–231, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lee:1992:SAA

[216] Yoong-Sin Lee and Ting-Kwong Lin. Statistical algorithms: Algorithm AS 269: High order Cornish-Fisher expansion. *Applied Statistics*, 41(1): 233–240, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/269`.

Buckland:1992:SAA

[217] S. T. Buckland. Statistical algorithms: Algorithm AS 270: Maximum likelihood fitting of Hermite and simple polynomial densities. *Applied Statistics*, 41 (1):241–266, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/270`.

Dunn:1992:SAAa

[218] C. L. Dunn. Statistical algorithms: Algorithm AS 271: General optimal combinatoric classification. *Applied Statistics*, 41(1):266–274, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/271`.

Dewey:1992:SAA

[219] Michael E. Dewey. Statistical algorithms: Algorithm AS 272: Box plots. *Applied Statistics*, 41(1):274–284, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/272`.

Gamerman:1992:CDB

[220] Dani Gamerman. Corrigendum: Dynamic Bayesian models for survival data. *Applied Statistics*, 41(1):285, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1992:BMPa

[221] Anonymous. Back matter. *Applied Statistics*, 41(1):[3], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1992:FMPa

[222] Anonymous. Front matter. *Applied Statistics*, 41(1):[4], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Agresti:1992:AOP

[223] Alan Agresti. Analysis of ordinal paired comparison data. *Applied Statistics*, 41 (2):287–297, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Vidmar:1992:RPD

[224] Thomas J. Vidmar, Joseph W. McKean, and Thomas P. Hettmansperger. Robust procedures for drug combination problems with quantal responses. *Applied Statistics*, 41(2):299–315, 1992. CO-

DEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Monod:1992:PNU

[225] H. Monod and R. A. Bailey. Pseudofactors: normal use to improve design and facilitate analysis. *Applied Statistics*, 41 (2):317–336, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gilks:1992:ARS

[226] W. R. Gilks and P. Wild. Adaptive rejection sampling for Gibbs sampling. *Applied Statistics*, 41(2):337–348, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morgan:1992:NWP

[227] B. J. T. Morgan and D. M. Smith. A note on Wadley's problem with overdispersion. *Applied Statistics*, 41 (2):349–354, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Caroni:1992:SAW

[228] C. Caroni and P. Prescott. Sequential application of Wilks's multivariate outlier test. *Applied Statistics*, 41 (2):355–364, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pack:1992:ICA

[229] P. Pack and I. T. Jolliffe. Influence in correspondence analysis. *Applied Statistics*, 41(2):365–380, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Glasbey:1992:RRR

[230] C. A. Glasbey. A reduced rank regression model for local variation in solar radiation. *Applied Statistics*, 41 (2):381–387, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Carlin:1992:HBA

[231] Bradley P. Carlin, Alan E. Gelfand, and Adrian F. M. Smith. Hierarchical Bayesian analysis of changepoint problems. *Applied Statistics*, 41(2):389–405, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1992:GIS

[232] Martin J. Crowder. General interest section: Interlaboratory comparisons: Round robins with random effects. *Applied Statistics*, 41(2):409–425, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farebrother:1992:LE

[233] R. W. Farebrother. Letter to the editors. *Applied Statistics*, 41(2):427, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jolliffe:1992:BRN

[234] Ian Jolliffe. Book reviews: *Nonlinear Multivariate Analysis*, by A. Gifi. *Applied Statistics*, 41(2):429–430, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1992:BRG

[235] David J. Hand. Book reviews: *Graphs as Structural Models. 2nd Edn*, by E. Godehart. *Applied Statistics*, 41(2):430–431,

1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jones:1992:BRA

[236] M. C. Jones. Book reviews: *Applied Nonparametric Regression*, by W. Hardle. *Applied Statistics*, 41(2):431–432, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wolstenholme:1992:BRS

[237] Linda Wolstenholme. Book reviews: *Statistical Methods in Engineering and Quality Assurance*, by P. W. M. John. *Applied Statistics*, 41(2):432–433, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Young:1992:BRM

[238] Karen Young. Book reviews: *Mathematical Statistics with Applications*, by W. Mendenhall, D. D. Wackerley and R. L. Scheaffer. *Applied Statistics*, 41(2):433, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Patterson:1992:BRA

[239] H. D. Patterson. Book reviews: *Applied Statistics: A Handbook of GENSTAT Analyses*, by E. J. Snell and H. R. Simpson. *Applied Statistics*, 41(2):433–434, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pettit:1992:BRL

[240] Lawrence Pettit. Book reviews: LISP-STAT: An Object-Oriented Environment for Statistical Computing and Dynamic Graphics, by L. Tierney. *Applied Statistics*, 41(2):434–435, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenhalgh:1992:SSR

[241] David Greenhalgh and Matej Lexa. Statistical software reviews: DYMO. version 1.0, by Matej Lexa. *Applied Statistics*, 41(2):436–438, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pickles:1992:SSR

[242] Andrew Pickles and Mark Battaglia. Statistical software reviews: SPSS/PC+: Version 4.0, by Marija J. Norusis. *Applied Statistics*, 41(2):438–442, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Miller:1992:SAAa

[243] Alan J. Miller. Statistical algorithms: Algorithm AS 273: Comparing subsets of regressor variables. *Applied Statistics*, 41(2):443–457, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/273`.

Miller:1992:SAAb

[244] Alan J. Miller. Statistical algorithms: Algorithm AS 274: Least squares routines to supplement those of Gentleman. *Applied Statistics*, 41(2):458–478, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/274`. See correction [415].

Ding:1992:SAA

[245] Cherng G. Ding. Statistical algorithms: Algorithm AS 275: Computing the non-central χ^2 distribution function. *Applied Statistics*, 41(2):478–482, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/275`.

Dunn:1992:SAAb

[246] C. L. Dunn. Statistical algorithms: Algorithm AS 276: Normal combinatoric classification. *Applied Statistics*, 41 (2):483–496, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/276`.

Goedhart:1992:SAR

[247] P. W. Goedhart and M. J. W. Jansen. Statistical algorithms: Remark AS R89: A remark on Algorithm AS 76: An integral useful in calculating central t and bivariate normal probabilities. *Applied Statistics*, 41(2):496–497, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`.

Anonymous:1992:BMPb

[248] Anonymous. Back matter. *Applied Statistics*, 41(2):[4], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1992:FMPb

[249] Anonymous. Front matter. *Applied Statistics*, 41(2):[5], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Berry:1992:SIC

[250] D. A. Berry, I. W. Evett, and R. Pinchin. Statistical inference in crime investigations using deoxyribonucleic acid profiling. *Applied Statistics*, 41(3):499–531, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bacon-Shone:1992:RMC

[251] John Bacon-Shone. Ranking methods for compositional data. *Applied Statistics*, 41(3):533–537, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sterne:1992:ANP

[252] J. A. C. Sterne, A. Kingman, and H. Loe. Assessing the nature of periodontal disease progression — an application of covariance structure estimation. *Applied Statistics*, 41(3):539–552, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fearn:1992:BCT

[253] T. Fearn. Box–Cox transformations and the Taguchi method: An alternative analysis of a Taguchi case study. *Applied Statistics*, 41(3):553–559, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

OHagan:1992:GIS

[254] A. O'Hagan, E. B. Glennie, and R. E. Beardsall. General interest section: Subjective modelling and Bayes linear estimation in the UK water industry. *Applied Statistics*, 41(3):563–577, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Engel:1992:GIS

[255] J. Engel. General interest section: Modelling variation in industrial experiments. *Applied Statistics*, 41(3): 579–593, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1992:LE

[256] J. A. Nelder, Stena Kettl, and Harold Ascher. Letters to the editors. *Applied Statistics*, 41(3):595–600, 1992. CO-

DEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pettit:1992:BRC

[257] Lawrence Pettit. Book reviews: *Conditioning Diagnostics: Collinearity and Weak Data in Regression*, by D. A. Belsley. *Applied Statistics*, 41(3):601, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Franklin:1992:BRL

[258] M. F. Franklin. Book reviews: *Latin Squares: New Developments in the Theory and Applications*, by J. Denes and A. D. Keedwell. *Applied Statistics*, 41 (3):601–602, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fayers:1992:BRS

[259] Peter Fayers. Book reviews: *Survivorship Analysis for Clinical Studies*, by E. K. Harris and A. Albert. *Applied Statistics*, 41(3):602–603, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1992:BRS

[260] Martin Crowder. Book reviews: Statistical Theory and Modelling: In Honour of Sir David Cox, FRS, by D. V. Hinkley, N. Reid and E. J. Snell. *Applied Statistics*, 41(3):603–604, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Young:1992:BRE

[261] Karen Young. Book reviews: Empirical Bayes Methods, by J. Maritz and T. Lwin. *Applied Statistics*, 41(3):604, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Evans:1992:SSR

[262] Stephen Evans and Martin Hurley. Statistical software reviews: SOLO: Version 3.0, by BMDP Statistical Software Ltd. *Applied Statistics*, 41(3):605–609, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Niinimaa:1992:SAA

[263] A. Niinimaa, H. Oja, and J. Nyblom. Statistical algorithms: Algorithm AS 277: The oja bivariate median. *Applied Statistics*, 41(3):611–617, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/277`.

Lecoutre:1992:SAA

[264] Bruno Lecoutre, Jean-Luc Guigues, and Jacques Poitevineau. Statistical algorithms: Algorithm AS 278: Distribution of quadratic forms of multivariate generalized Student variables. *Applied Statistics*, 41(3):617–627, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/278`.

Farebrother:1992:SAR

[265] R. W. Farebrother. Statistical algorithms: Remark AS R90: Least squares initial values for the L_1-norm fitting of a straight line — A remark on Algorithm AS 238: A simple recursive procedure for the L_1 norm fitting of a straight line. *Applied Statistics*, 41 (3):627–633, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/238`.

Dunn:1992:SAC

[266] C. L. Dunn. Statistical algorithms: Correction to Algorithm AS 271: General optimal combinatoric classification. *Applied Statistics*, 41(3):634, 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1992:BMPc

[267] Anonymous. Back matter. *Applied Statistics*, 41(3):[4], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1992:FMPc

[268] Anonymous. Front matter. *Applied Statistics*, 41(3):[5], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1992:VIP

[269] Anonymous. Volume information. *Applied Statistics*, 41(3):[4], 1992. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1993:RE

[270] D. J. Hand and W. J. Krzanowski. Report of the editors. *Applied Statistics*, 42(1):1, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hines:1993:IAV

[271] R. J. O'Hara Hines and E. M. Carter. Improved added variable and partial residual plots for the detection of influential observations in generalized linear models. *Applied Statistics*, 42(1):3–20, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dinse:1993:CSA

[272] Gregg E. Dinse, Walter W. Piegorsch, and Dennis D. Boos. Confidence statements about the time range over which survival curves differ. *Applied Statistics*, 42(1):21–30, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1993:TAD

[273] Philip J. Smith and Daniel F. Heitjan. Testing and adjusting for departures from nominal dispersion in generalized linear models. *Applied Statistics*, 42(1):31–41, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Zimmerman:1993:BCM

[274] Dale L. Zimmerman. A bivariate Cramer-von Mises type of test for spatial randomness. *Applied Statistics*, 42 (1):43–54, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kotz:1993:SPC

[275] Samuel Kotz, Wen Lea Pearn, and N. L. Johnson. Some process capability indices are more reliable than one might think. *Applied Statistics*, 42(1):55–62, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Narendranathan:1993:MPL

[276] Wiji Narendranathan and Mark B. Stewart. Modelling the probability of leaving unemployment: competing risks models with flexible base-line hazards. *Applied Statistics*, 42(1):63–83, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mandel:1993:ATW

[277] John Mandel. The analysis of two-way tables with missing values. *Applied Statistics*, 42(1):85–93, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sorour:1993:NTT

[278] A. Sorour and H. Tong. A note on tests for threshold-type non-linearity in open loop systems. *Applied Statistics*, 42(1):95–104, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Conaway:1993:NIN

[279] Mark R. Conaway. Non-ignorable non-response models for time-ordered categorical variables. *Applied Statistics*, 42 (1):105–115, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenland:1993:CND

[280] Sander Greenland and Hermann Brenner. Correcting for non-differential misclassification in ecologic analyses. *Applied Statistics*, 42(1):117–126, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Vining:1993:GAE

[281] G. Geoffrey Vining, John A. Cornell, and Raymond H. Myers. A graphical approach for evaluating mixture designs. *Applied Statistics*, 42(1):127–138, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Flury:1993:EPP

[282] Bernard D. Flury. Estimation of principal points. *Applied Statistics*, 42 (1):139–151, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Royston:1993:GDN

[283] Patrick Royston. Graphical detection of non-normality by using Michael's statistic. *Applied Statistics*, 42(1):153–158, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wax:1993:STN

[284] Yohanan Wax, Stuart G. Baker, and Blossom H. Patterson. A score test for non-informative censoring using doubly sampled grouped survival data. *Applied Statistics*, 42(1):159–172, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Boos:1993:ADR

[285] Dennis D. Boos. Analysis of dose-response data in the presence of extrabinomial variation. *Applied Statistics*, 42 (1):173–183, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pettitt:1993:SDE

[286] A. N. Pettitt and A. B. McBratney. Sampling designs for estimating spatial variance components. *Applied Statistics*, 42(1):185–209, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jackson:1993:ITM

[287] David A. Jackson. Independent trials are a model for disaster. *Applied Statistics*, 42(1):211–220, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Marriott:1993:GIS

[288] John M. Marriott and John C. Naylor. General interest section: Teaching Bayes on MINITAB. *Applied Statistics*, 42(1):223–232, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fearn:1993:LE

[289] Tom Fearn, Costas Goutis, Jun Shao, and Shein-Chung Chow. Letter to the editors. *Applied Statistics*, 42(1): 233–234, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1993:BRSa

[290] Alan Kimber. Book reviews: *Statistical Methods in Reliability Theory and Practice*, by B. D. Bunday. *Applied Statistics*, 42(1):235–236, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1993:BRC

[291] Martin Crowder. Book reviews: *Continuous Bivariate Distributions, Emphasizing Applications*, by T. P. Hutchinson and C. D. Lai. *Applied Statistics*, 42(1):236, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1993:BRE

[292] Martin Crowder. Book reviews: The Engineering Statistician's Guide to Continuous Bivariate Distributions, by T. P. Hutchinson and C. D. Lai. *Applied Statistics*, 42(1):237, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1993:BRS

[293] David J. Hand. Book reviews: *Statistical Reasoning with Imprecise Probabilities*, by P. Walley. *Applied Statistics*, 42 (1):237–238, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Baccini:1993:SSR

[294] Alain Baccini and Robert Saxe. Statistical software reviews: CORANA: Version 1.80, by Robert Saxe. *Applied Statistics*, 42(1):239–241, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dickson:1993:SSR

[295] Janet Dickson and James Roger. Statistical software reviews: DATACHAIN: Version 2.1, by James Roger and Peter Muraya. *Applied Statistics*, 42(1): 242–246, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kohn:1993:SAA

[296] Robert Kohn, Thomas S. Shively, and Craig F. Ansley. Statistical algorithms: Algorithm AS 279: Computing p-values for the generalized Durbin-Watson statistic and residual autocorrelations in regression. *Applied Statistics*, 42(1):249–258, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/279`. See [504].

Conlon:1993:SAA

[297] Michael Conlon and Ronald G. Thomas. Statistical algorithms: Algorithm AS 280: The power function for Fisher's exact test. *Applied Statistics*, 42(1):

258–260, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/280`.

Cole:1993:SAA

[298] T. J. Cole. Statistical algorithms: Algorithm AS 281: Scaling and rounding regression coefficients to integers. *Applied Statistics*, 42(1):261–268, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/281`.

Lee:1993:SAC

[299] Yoong-Sin Lee and Ting-Kwong Lin. Statistical algorithms: Correction to Algorithm AS 269: High order Cornish-Fisher expansion. *Applied Statistics*, 42 (1):268–269, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/269`.

Anonymous:1993:BMPa

[300] Anonymous. Back matter. *Applied Statistics*, 42(1):[2], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1993:FMPa

[301] Anonymous. Front matter. *Applied Statistics*, 42(1):[6], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kirmani:1993:SOA

[302] S. N. U. A. Kirmani and Shyamal Das Peddada. Stochastic ordering approach to off-line quality control. *Applied Statistics*, 42(2):271–281, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindsey:1993:TSM

[303] Jane C. Lindsey and Louise M. Ryan. A three-state multiplicative model for rodent tumorigenicity experiments. *Applied Statistics*, 42(2):283–300, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wu:1993:ROT

[304] Lilian Shiao Yen Wu, J. R. M. Hosking, and Nalini Ravishanker. Reallocation outliers in time series. *Applied Statistics*, 42(2):301–313, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Copas:1993:SPS

[305] J. B. Copas. The shrinkage of point scoring methods. *Applied Statistics*, 42 (2):315–331, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Quine:1993:EIM

[306] M. P. Quine and S. Quine. Estimation of infant mortality rates categorized by social class for an Australian population. *Applied Statistics*, 42(2):333–338, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cohen:1993:RSH

[307] Michael Cohen, Siddhartha R. Dalal, and John W. Tukey. Robust, smoothly heterogeneous variance regression. *Applied Statistics*, 42(2):339–353, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hurrell:1993:MRB

[308] Karen T. Hurrell. Modelling the relationship between crime count and ob-

servation period in prison inmates' self-report data. *Applied Statistics*, 42(2): 355–367, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Narula:1993:IWL

[309] Subhash C. Narula, Vince A. Sposito, and John F. Wellington. Intervals which leave the minimum sum of absolute errors regression unchanged. *Applied Statistics*, 42(2):369–378, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Arnold:1993:GIS

[310] G. M. Arnold and A. J. Collins. General interest section: Interpretation of transformed axes in multivariate analysis. *Applied Statistics*, 42(2):381–400, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Thomas:1993:LE

[311] D. Roland Thomas, John Mandel, and M. G. Kenward. Letters to the editors. *Applied Statistics*, 42(2):401–406, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1993:BRSb

[312] Alan Kimber. Book reviews: *Statistical Analysis of Reliability and Life-Testing Models: Theory and Methods. 2nd Edn*, by L. J. Bain and M. Engelhardt. *Applied Statistics*, 42(2):407, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bingham:1993:BRS

[313] Nick Bingham. Book reviews: *Seminar on Stochastic Processes*, by E. Cinlar. *Applied Statistics*, 42(2):408, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1993:BRM

[314] David J. Hand. Book reviews: *Modelling Binary Data*, by D. Collett. *Applied Statistics*, 42(2):408–409, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aston:1993:BRF

[315] Philip J. Aston. Book reviews: Fractals — Images of Chaos, by H. Lauwerier. *Applied Statistics*, 42(2):409, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1993:BRU

[316] Martin Crowder. Book reviews: U-statistics: Theory and practice, by A. J. Lee. *Applied Statistics*, 42(2):409–410, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hand:1993:BRD

[317] David J. Hand. Book reviews: *Data Quality Control: Theory and Pragmatics*, by G. E. Liepins and V. R. R. Uppuluri. *Applied Statistics*, 42(2):410, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1993:BRI

[318] Alan Kimber. Book reviews: *Introduction to Statistical Quality Control. 2nd Edn*, by D. C. Montgomerie. *Applied Statistics*, 42(2):411, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Appleton:1993:BRM

[319] David Appleton. Book reviews: *Modelling Biological Populations in Space and Time*, by E. Renshaw. *Applied Statistics*, 42(2):411–412, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Conolly:1993:BRP

[320] Brian Conolly. Book reviews: *Problemas de Calculo de Probabilidades (Problems in Probability Calculus). 3rd Edn*, by J. P. Vilaplana. *Applied Statistics*, 42(2):412–413, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1993:BRM

[321] Alan Kimber. Book reviews: A Minitab Companion with Macros, by P. W. Zehna. *Applied Statistics*, 42(2):413, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crichton:1993:SSR

[322] Nicola J. Crichton and M. J. R. Healy. Statistical software reviews: NANOSTAT: Version P5.1. *Applied Statistics*, 42(2):415–419, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hawkins:1993:SAA

[323] Douglas M. Hawkins and Jeffrey S. Simonoff. Statistical algorithms: Algorithm AS 282: High breakdown regression and multivariate estimation. *Applied Statistics*, 42(2):423–432, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/282`.

Baker:1993:SAA

[324] R. D. Baker and J. B. Tilbury. Statistical algorithms: Algorithm AS 283: Rapid computation of the permutation paired and grouped t-tests. *Applied Statistics*, 42(2):432–441, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/283`.

Anonymous:1993:BMPb

[325] Anonymous. Back matter. *Applied Statistics*, 42(2):[4], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1993:FMPb

[326] Anonymous. Front matter. *Applied Statistics*, 42(2):[6], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dellaportas:1993:BIG

[327] P. Dellaportas and A. F. M. Smith. Bayesian inference for generalized linear and proportional hazards models via Gibbs sampling. *Applied Statistics*, 42 (3):443–459, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Henderson:1993:ICA

[328] R. Henderson and J. N. S. Matthews. An investigation of changepoints in the annual number of cases of haemolytic uraemic syndrome. *Applied Statistics*, 42 (3):461–471, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Thomas:1993:EAT

[329] G. E. Thomas. Estimating annual total heron population counts. *Applied Statistics*, 42(3):473–486, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Weiss:1993:BOP

[330] Andrew A. Weiss. A bivariate ordered probit model with truncation: helmet use and motorcycle injuries. *Applied Statistics*, 42(3):487–499, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Preisler:1993:MSP

[331] Haiganoush K. Preisler. Modelling spatial patterns of trees attacked by bark-beetles. *Applied Statistics*, 42(3): 501–514, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Denham:1993:CMV

[332] M. C. Denham and P. J. Brown. Calibration with many variables. *Applied Statistics*, 42(3):515–528, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Krzanowski:1993:ASC

[333] W. J. Krzanowski. Attribute selection in correspondence analysis of incidence matrices. *Applied Statistics*, 42(3):529–541, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Schenker:1993:GIS

[334] Nathaniel Schenker, Donald J. Treiman, and Lynn Weidman. General interest section: Analyses of public use decennial census data with multiply imputed industry and occupation codes. *Applied Statistics*, 42(3):545–556, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Robinson:1993:LE

[335] G. K. Robinson. Letter to the editors. *Applied Statistics*, 42(3):557–558, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Have:1993:SSR

[336] Tom Ten Have. Statistical software reviews: MICLOG: Version 4.1, by K. I. MacDonald. *Applied Statistics*, 42 (3):559–561, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farrington:1993:SSR

[337] C. P. Farrington, John Whitehead, and Hazel Brunier. Statistical software reviews: PEST2.1: Version 2.1, by PEST Project. *Applied Statistics*, 42 (3):561–564, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Boik:1993:SAA

[338] Robert J. Boik. Statistical algorithms: Algorithm AS 284: Null distribution of a statistic for testing sphericity and additivity: A Jacobi polynomial expansion. *Applied Statistics*, 42(3): 567–576, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/284`.

Lohr:1993:SAA

[339] Sharon L. Lohr. Statistical algorithms: Algorithm AS 285: Multivariate normal probabilities of star-

shaped regions. *Applied Statistics*, 42 (3):576–582, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/285`.

Ryder:1993:SAR

[340] W. D. J. Ryder. Statistical algorithms: Remark AS R91: A remark on Algorithm AS 139: Maximum likelihood estimation in a linear model from confined and censored normal data. *Applied Statistics*, 42(3):583–584, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/139`.

Anonymous:1993:BMPc

[341] Anonymous. Back matter. *Applied Statistics*, 42(3):[2], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1993:FMPc

[342] Anonymous. Front matter. *Applied Statistics*, 42(3):[6], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dunn:1993:TDS

[343] R. Dunn and A. R. Harrison. Two-dimensional systematic sampling of land use. *Applied Statistics*, 42(4):585–601, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Desmond:1993:MTC

[344] A. F. Desmond and G. R. Chapman. Modelling task completion data with inverse Gaussian mixtures. *Applied Statistics*, 42(4):603–613, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Renner:1993:RCD

[345] Ross M. Renner. The resolution of a compositional data set into mixtures of fixed source compositions. *Applied Statistics*, 42(4):615–631, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Engel:1993:AGE

[346] J. Engel. On the analysis of grouped extreme value data with GLIM of fixed source. *Applied Statistics*, 42 (4):633–640, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Baddeley:1993:ATD

[347] A. J. Baddeley, R. A. Moyeed, C. V. Howard, and A. Boyde. Analysis of a three-dimensional point pattern with replication. *Applied Statistics*, 42(4): 641–668, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tuck:1993:GIS

[348] M. G. Tuck, S. M. Lewis, and J. I. L. Cottrell. General interest section: Response surface methodology and taguchi: A quality improvement study from the milling industry. *Applied Statistics*, 42(4):671–681, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scott:1993:SSR

[349] Andy Scott and David Edwards. Statistical software reviews: MIM: Version 2.0, by David Edwards. *Applied Statistics*, 42(4):683–686, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Provan:1993:SSR

[350] Frances Provan and Major Lester. Statistical software reviews: SPSS: Version 5, by SPSS Inc. *Applied Statistics*, 42 (4):686–690, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Reilly:1993:SAA

[351] Park M. Reilly, H. V. Reilly, and S. E. Keeler. Statistical algorithms: Algorithm AS 286: Parameter estimation in the error-in-variables model. *Applied Statistics*, 42(4):693–701, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/286`.

Wild:1993:SAA

[352] P. Wild and W. R. Gilks. Statistical algorithms: Algorithm AS 287: Adaptive rejection sampling from log-concave density functions. *Applied Statistics*, 42 (4):701–709, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/287`.

Dunnett:1993:SAC

[353] Charles W. Dunnett. Statistical algorithms: Correction to Algorithm AS 251: Multivariate normal probability integrals with product correlation structure. *Applied Statistics*, 42(4):709, 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1993:BMPd

[354] Anonymous. Back matter. *Applied Statistics*, 42(4):[6], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1993:FMPd

[355] Anonymous. Front matter. *Applied Statistics*, 42(4):[6], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1993:VIP

[356] Anonymous. Volume information. *Applied Statistics*, 42(4):[4], 1993. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Coles:1994:SMM

[357] Stuart G. Coles and Jonathan A. Tawn. Statistical methods for multivariate extremes: An application to structural design. *Applied Statistics*, 43(1):1–48, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). With discussion.

Diggle:1994:IDL

[358] P. Diggle and M. G. Kenward. Informative drop-out in longitudinal data analysis. *Applied Statistics*, 43(1):49–93, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). With discussion.

leCessie:1994:LRC

[359] S. Le Cessie and J. C. Van Houwelingen. Logistic regression for correlated binary data. *Applied Statistics*, 43(1):95–108, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1994:LSS

[360] Martin Crowder. Least squares with simulated means for a problem in fibre strength testing. *Applied Statistics*, 43 (1):109–115, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gudmundsson:1994:TSA

[361] Gudmundur Gudmundsson. Time series analysis of catch-at-age observations. *Applied Statistics*, 43(1):117–126, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Seewald:1994:TTH

[362] Wolfgang Seewald. Time trend in historical controls for tumour incidences in long-term animal studies. *Applied Statistics*, 43(1):127–137, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Coles:1994:DME

[363] Stuart G. Coles and David Walshaw. Directional modelling of extreme wind speeds. *Applied Statistics*, 43(1): 139–157, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Stephens:1994:BRM

[364] D. A. Stephens. Bayesian retrospective multiple-changepoint identification. *Applied Statistics*, 43(1):159–178, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Raftery:1994:EMR

[365] Adrian Raftery and Simon Tavare. Estimation and modelling repeated patterns in high order Markov chains with the mixture transition distribution model. *Applied Statistics*, 43(1):179–199, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wakefield:1994:BAL

[366] J. C. Wakefield, A. F. M. Smith, A. Racine-Poon, and A. E. Gelfand. Bayesian analysis of linear and non-linear population models by using the Gibbs sampler. *Applied Statistics*, 43 (1):201–221, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenland:1994:MRR

[367] Sander Greenland. Modelling risk ratios from matched cohort data: an estimating equation approach. *Applied Statistics*, 43(1):223–232, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wiper:1994:BEB

[368] M. P. Wiper and L. I. Pettit. Bayesian estimation of the binomial parameter n. *Applied Statistics*, 43(1):233–236, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lapointe:1994:GIS

[369] François-Joseph Lapointe and Pierre Legendre. General interest section: A classification of pure malt Scotch whiskies. *Applied Statistics*, 43(1): 237–257, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lawson:1994:LE

[370] Andrew B. Lawson and Dale L. Zimmerman. Letter to the editors. *Applied Statistics*, 43(1):259–261, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nikiforov:1994:SAA

[371] Andrei M. Nikiforov. Statistical algorithms: Algorithm AS 288: Exact Smirnov two-sample tests for arbitrary distributions. *Applied Statistics*, 43

(1):265–270, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/288`.

Hirji:1994:SAAa

[372] Karim F. Hirji and Stein E. Vollset. Statistical algorithms: Algorithm AS 289: Computing exact distributions for several 2×2 tables. *Applied Statistics*, 43 (1):270–274, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/289`.

Miller:1994:SAAa

[373] Alan J. Miller. Statistical algorithms: Algorithm AS 290: Bivariate confidence regions in non-linear regression. *Applied Statistics*, 43(1):275–284, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/290`.

Milligan:1994:SSR

[374] Marion Milligan and Volker W. Rahlfs. Statistical software reviews: NSURV: Version 1.0. *Applied Statistics*, 43(1): 285–287, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dessens:1994:SSR

[375] Jos Dessens and Wim Jansen. Statistical software reviews: MULTILOG, by Scientific Software International, Inc. *Applied Statistics*, 43(1):287–290, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rosenqvist:1994:SSR

[376] Gunnor Rosenqvist and William Greene. Statistical software reviews: LIMDEP: Version 6.0, by William H. Greene. *Applied Statistics*, 43(1):290–293, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:BMPa

[377] Anonymous. Back matter. *Applied Statistics*, 43(1):[3], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:FMPa

[378] Anonymous. Front matter. *Applied Statistics*, 43(1):[5], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Whitmore:1994:TSR

[379] G. A. Whitmore, K. D. S. Young, and A. C. Kimber. Two-stage reliability tests with technological evolution: a Bayesian analysis. *Applied Statistics*, 43 (2):295–307, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lipsitz:1994:SME

[380] Stuart R. Lipsitz, Nan M. Laird, and Troyen A. Brennan. Simple moment estimates of the κ-coefficient and its variance. *Applied Statistics*, 43(2):309–323, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Huet:1994:MLE

[381] S. Huet and A. Kaddour. Maximum likelihood estimation in survival analysis with grouped data on censored individuals and continuous data on failures. *Applied Statistics*, 43(2):325–333, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Walden:1994:IGB

[382] A. T. Walden. Interpretation of geophysical borehole data via interpolation of fractionally differenced white noise. *Applied Statistics*, 43(2):335–345, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cox:1994:TLM

[383] D. R. Cox and Nanny Wermuth. Tests of linearity, multivariate normality and the adequacy of linear scores. *Applied Statistics*, 43(2):347–355, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Simonoff:1994:UMP

[384] Jeffrey S. Simonoff and Chih-Ling Tsai. Use of modified profile likelihood for improved tests of constancy of variance in regression. *Applied Statistics*, 43 (2):357–370, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

TenHave:1994:SSP

[385] Thomas R. Ten Have and David H. Uttal. Subject-specific and population-averaged continuation ratio logit models for multiple discrete time survival profiles. *Applied Statistics*, 43(2):371–384, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Walden:1994:GIS

[386] A. T. Walden. General interest section: Spatial clustering: Using simple summaries of seismic data to find the edge of an oil-field. *Applied Statistics*, 43 (2):385–398, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gentleman:1994:SAA

[387] Jane F. Gentleman. Statistical algorithms: Algorithm AS 291: The distribution of the frequency of subsequences in alphabetic sequences, as exemplified by deoxyribonucleic acid. *Applied Statistics*, 43(2):401–409, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/291`.

Koenker:1994:SAR

[388] Roger Koenker and Vasco d'Orey. Statistical algorithms: Remark AS R92: A remark on Algorithm AS 229: Computing dual regression quantiles and regression rank scores. *Applied Statistics*, 43 (2):410–414, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/229`.

Humphreys:1994:SSR

[389] K. Humphreys, C. J. Skinner, Frank van de Pol, and Rolf Langeheine. Statistical software reviews: PANMARK: Version 2.2.6, by Frank van de Pol, Rolf Langeheine and Wil de Jong. *Applied Statistics*, 43(2):415–417, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wooff:1994:SSR

[390] David Wooff and Normand Peladeau. Statistical software reviews: SIMSTAT: Version 2.0, by Normand Peladeau. *Applied Statistics*, 43(2):417–422, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aitkin:1994:SSR

[391] Irit Aitkin, Murray Aitkin, and Clifford Baron. Statistical software reviews:

SUPERANOVA: Version 1.11, by ABACUS Concepts. *Applied Statistics*, 43 (2):422–427, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:BMPb

[392] Anonymous. Back matter. *Applied Statistics*, 43(2):[3], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:FMPb

[393] Anonymous. Front matter. *Applied Statistics*, 43(2):[5], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Royston:1994:RUF

[394] Patrick Royston and Douglas G. Altman. Regression using fractional polynomials of continuous covariates: parsimonious parametric modelling. *Applied Statistics*, 43(3):429–467, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1994:AVS

[395] J. A. Nelder. An alternative view of the splicing data. *Applied Statistics*, 43 (3):469–476, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

VanEwijk:1994:CMC

[396] P. H. Van Ewijk and J. A. Hoekstra. Curvature measures and confidence intervals for the linear logistic model. *Applied Statistics*, 43(3):477–487, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Christen:1994:SSR

[397] J. Andres Christen. Summarizing a set of radiocarbon determinations: a robust approach. *Applied Statistics*, 43 (3):489–503, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Azzalini:1994:GIS

[398] Adelchi Azzalini and Peter J. Diggle. General interest section: Prediction of soil respiration rates from temperature, moisture content and soil type. *Applied Statistics*, 43(3):505–526, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

vanderHeijden:1994:LE

[399] Peter G. M. van der Heijden, John Mandel, and C. A. Glasbey. Letters to the editors. *Applied Statistics*, 43(3):527–530, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Escobar:1994:SAA

[400] Luis A. Escobar and William Q. Meeker, Jr. Statistical algorithms: Algorithm AS 292: Fisher information matrix for the extreme value, normal and logistic distributions and censored data. *Applied Statistics*, 43(3):533–540, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/292`.

Hirji:1994:SAAb

[401] Karim F. Hirji and Stein E. Vollset. Statistical algorithms: Algorithm AS 293: Computing exact distributions for several ordered $2 \times K$ tables. *Applied Statistics*, 43(3):541–548, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-

9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/293`.

Geng:1994:SAA

[402] Zhi Geng, Chooichiro Asano, Minoru Ichimura, and Hiroshi Kimura. Statistical algorithms: Algorithm AS 294: Decomposability and collapsibility for contingency tables with missing data. *Applied Statistics*, 43(3): 548–554, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/294`.

Robinson:1994:SSR

[403] Rachel Robinson and Ana Timberlake. Statistical software reviews: SYSTAT: Version 5.02, by SYSTAT Inc. *Applied Statistics*, 43(3):555–560, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Liu:1994:SSR

[404] Wei Liu and D. J. Best. Statistical software reviews: RANK STATS: Version 1.2, by D. J. Best. *Applied Statistics*, 43 (3):560–562, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shoesmith:1994:SSR

[405] Eddie Shoesmith and M. A. Toker. Statistical software reviews: UNISTAT: Version 1.2, by M. A. Toker and Unistat Ltd. *Applied Statistics*, 43(3):562–568, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:BMPc

[406] Anonymous. Back matter. *Applied Statistics*, 43(3):[4], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:FMPc

[407] Anonymous. Front matter. *Applied Statistics*, 43(3):[5], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Heikkinen:1994:FBA

[408] Juha Heikkinen and Harri Högmander. Fully Bayesian approach to image restoration with an application in biogeography. *Applied Statistics*, 43(4): 569–582, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Zhu:1994:DRM

[409] Y. Zhu, D. Krewski, and W. H. Ross. Dose-response models for correlated multinomial data from developmental toxicity studies. *Applied Statistics*, 43(4):583–598, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hay:1994:PEU

[410] Joel W. Hay and Frank A. Wolak. A procedure for estimating the unconditional cumulative incidence curve and its variability for the human immunodeficiency virus. *Applied Statistics*, 43(4):599–624, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Whittaker:1994:DCM

[411] Joe Whittaker and Sylvia Frühwirth-Schnatter. A dynamic changepoint model for detecting the onset of growth in bacteriological infections. *Applied Statistics*, 43(4):625–640, 1994. CO-

DEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wallach:1994:EPE

[412] D. Wallach and P. Loisel. Effect of parameter estimation on fertilizer optimization. *Applied Statistics*, 43(4): 641–651, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nevill:1994:GIS

[413] Alan M. Nevill and Roger L. Holder. General interest section: Modelling maximum oxygen uptake — A case-study in non-linear regression model formulation and comparison. *Applied Statistics*, 43(4):653–666, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Miller:1994:SAAb

[414] Alan J. Miller and Nam-Ky Nguyen. Statistical algorithms: Algorithm AS 295: A fedorov exchange algorithm for D-optimal design. *Applied Statistics*, 43 (4):669–677, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/295`.

Miller:1994:CAL

[415] A. J. Miller. Correction to Algorithm AS 274: Least squares routines to supplement those of Gentleman. *Applied Statistics*, 43(4):678, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/274`. See [244].

Miller:1994:SAC

[416] Alan J. Miller. Statistical algorithms: Correction to Algorithm AS 274: Least squares routines to supplement those of gentleman. *Applied Statistics*, 43(4):678, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Butler:1994:SSR

[417] Ruth Butler and J. Tranchefort. Statistical software reviews: STAT-ITCF: Version 4, by Department of Statistical Studies. *Applied Statistics*, 43 (4):679–682, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wiper:1994:CBE

[418] M. P. Wiper and L. I. Pettit. Corrigendum: Bayesian estimation of the binomial parameter n. *Applied Statistics*, 43(4):685, 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:BMPd

[419] Anonymous. Back matter. *Applied Statistics*, 43(4):[3], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:FMPd

[420] Anonymous. Front matter. *Applied Statistics*, 43(4):[5], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1994:VIP

[421] Anonymous. Volume information. *Applied Statistics*, 43(4):[3], 1994. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Krzanowski:1995:RJE

[422] W. J. Krzanowski and D. A. Preece. Report of the joint editors. *Applied Statis-*

tics, 44(1):1, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tu:1995:NES

[423] Xin Ming Tu. Nonparametric estimation of survival distributions with censored initiating time, and censored and truncated terminating time: application to transfusion data for acquired immune deficiency syndrome. *Applied Statistics*, 44(1):3–16, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ramsay:1995:FDA

[424] J. O. Ramsay, X. Wang, and R. Flanagan. A functional data analysis of the pinch force of human fingers. *Applied Statistics*, 44(1):17–30, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Milan:1995:APB

[425] Luis Milan and Joe Whittaker. Application of the parametric bootstrap to models that incorporate a singular value decomposition. *Applied Statistics*, 44(1):31–49, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fitzmaurice:1995:MBT

[426] Garrett M. Fitzmaurice and Stuart R. Lipsitz. A model for binary time series data with serial odds ratio patterns. *Applied Statistics*, 44(1):51–61, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Balagtas:1995:MMC

[427] Cecile C. Balagtas, Mark P. Becker, and Joseph B. Lang. Marginal modelling of categorical data from crossover experiments. *Applied Statistics*, 44(1):63–77, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Reiser:1995:BIM

[428] B. Reiser, I. Guttman, Dennis K. J. Lin, Frank M. Guess, and John S. Usher. Bayesian inference for masked system lifetime data. *Applied Statistics*, 44 (1):79–90, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Preston:1995:SDR

[429] Ian Preston. Sampling distributions of relative poverty statistics. *Applied Statistics*, 44(1):91–99, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See corrigendum [516].

Krzanowski:1995:GIS

[430] W. J. Krzanowski, P. Jonathan, W. V. McCarthy, and M. R. Thomas. General interest section: Discriminant analysis with singular covariance matrices: Methods and applications to spectroscopic data. *Applied Statistics*, 44(1): 101–115, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morgan:1995:GIS

[431] Byron J. T. Morgan and Andrew P. G. Ray. General interest section: Non-uniqueness and inversions in cluster analysis. *Applied Statistics*, 44(1): 117–134, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shirley:1995:LE

[432] Eryl A. C. Shirley. Letter to the editors. *Applied Statistics*, 44(1):135–137, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1995:SSR

[433] Peter W. F. Smith and Cyrus R. Mehta. Statistical software reviews: LOGXACT-TURBO: Version 1.1, by Yogesh Gajjar, Cyrus Mehta and Nitin Patel. *Applied Statistics*, 44(1):139–141, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:BMPa

[434] Anonymous. Back matter. *Applied Statistics*, 44(1):[3], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:FMPa

[435] Anonymous. Front matter. *Applied Statistics*, 44(1):[4], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McDonald:1995:ECT

[436] J. W. McDonald and P. W. F. Smith. Exact conditional tests of quasi-independence for triangular contingency tables: estimating attained significance levels. *Applied Statistics*, 44(2):143–151, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ridout:1995:TSD

[437] M. S. Ridout. Three-stage designs for seed testing experiments. *Applied Statistics*, 44(2):153–162, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rothery:1995:EFG

[438] P. Rothery, A. R. Martin, L. Hiby, and S. Garside. Estimating foetal growth rate from cross-sectional samples of field data with application to pilot-whales. *Applied Statistics*, 44(2):163–172, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Miller:1995:ACR

[439] Michael E. Miller. Analysing categorical responses obtained from large clusters. *Applied Statistics*, 44(2):173–186, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morel:1995:OSG

[440] Jorge G. Morel and Kenneth J. Koehler. A one-step Gauss–Newton estimator for modelling categorical data with extraneous variation. *Applied Statistics*, 44 (2):187–200, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See corrigendum [460].

Lindsey:1995:FPC

[441] J. K. Lindsey. Fitting parametric counting processes by using log-linear models. *Applied Statistics*, 44(2):201–212, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Atkinson:1995:ODL

[442] A. C. Atkinson, C. G. B. Demetrio, and S. S. Zocchi. Optimum dose levels when males and females differ in response. *Applied Statistics*, 44(2):213–226, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

York:1995:BDR

[443] Jeremy York, David Madigan, Ivar Heuch, and Rolv Terje Lie. Birth defects registered by double sampling: a Bayesian approach incorporating covariates and model uncertainty. *Applied Statistics*, 44(2):227–242, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Matthews:1995:GIS

[444] J. N. S. Matthews and K. P. Morris. General interest section: An application of Bradley-Terry-type models to the measurement of pain. *Applied Statistics*, 44(2):243–255, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hardle:1995:SAA

[445] W. Härdle and W. Steiger. Statistical algorithms: Algorithm AS 296: Optimal median smoothing. *Applied Statistics*, 44(2):258–264, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/296`.

Azari:1995:SAA

[446] A. S. Azari and H. G. Müller. Statistical algorithms: Algorithm AS 297: Orthogonal polynomial and hybrid estimators for nonparametric regression. *Applied Statistics*, 44(2):264–268, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/297`.

Anonymous:1995:BMPb

[447] Anonymous. Back matter. *Applied Statistics*, 44(2):[2], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:FMPb

[448] Anonymous. Front matter. *Applied Statistics*, 44(2):[5], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Alwan:1995:PMC

[449] Layth C. Alwan and Harry V. Roberts. The problem of misplaced control limits. *Applied Statistics*, 44(3):269–278, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Caulcutt:1995:RWC

[450] Roland Caulcutt. The rights and wrongs of control charts. *Applied Statistics*, 44 (3):279–288, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:DPA

[451] Anonymous. Discussion of the papers by Alwan and Roberts, and Caulcutt. *Applied Statistics*, 44(3):289–306, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Blyth:1995:DGE

[452] Stephen Blyth. The dead of the Gulag: An experiment in statistical investigation. *Applied Statistics*, 44(3):307–321, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ramon:1995:AEA

[453] Jose Ramon, G. Albert, and Laurence A. Baxter. Applications of the EM algorithm to the analysis of life length data. *Applied Statistics*, 44(3):323–341, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gilmour:1995:SRS

[454] S. G. Gilmour and R. Mead. Stopping rules for sequences of factorial designs. *Applied Statistics*, 44(3):343–355, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Arjas:1995:ALC

[455] Elja Arjas and Liping Liu. Assessing the losses caused by an industrial intervention: A hierarchical Bayesian approach. *Applied Statistics*, 44(3):357–368, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chan:1995:RAD

[456] L. K. Chan and T. K. Mak. A regression approach for discovering small variation around a target. *Applied Statistics*, 44 (3):369–377, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Currie:1995:GIS

[457] Iain D. Currie. General interest section: Maximum likelihood estimation and mathematica. *Applied Statistics*, 44 (3):379–394, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Elston:1995:GIS

[458] D. A. Elston and M. F. Proe. General interest section: Smoothing regression coefficients in an overspecified regression model with interrelated explanatory variables. *Applied Statistics*, 44 (3):395–406, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wilson:1995:LE

[459] S. R. Wilson and J. A. Christen. Letter to the editors. *Applied Statistics*, 44 (3):407–409, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morel:1995:COS

[460] Jorge G. Morel and Kenneth J. Koehler. Corrigendum: A one-step Gauss–Newton estimator for modelling categorical data with extraneous variation. *Applied Statistics*, 44(3):410, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [440].

Anonymous:1995:BMPc

[461] Anonymous. Back matter. *Applied Statistics*, 44(3):[2], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:FMPc

[462] Anonymous. Front matter. *Applied Statistics*, 44(3):[4], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nason:1995:TDP

[463] Guy Nason. Three-dimensional projection pursuit. *Applied Statistics*, 44 (4):411–430, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aitken:1995:CDV

[464] C. G. G. Aitken, J. Shaw, and M. Talbot. Contaminant detection in the visual inspection of seed samples. *Applied Statistics*, 44(4):431–440, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aykroyd:1995:PMA

[465] R. G. Aykroyd. Partition models in the analysis of autoradiographic images. *Applied Statistics*, 44(4):441–454, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gilks:1995:ARM

[466] W. R. Gilks, N. G. Best, and K. K. C. Tan. Adaptive rejection Metropolis sampling within Gibbs sampling. *Applied Statistics*, 44(4):455–472, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See corrigendum [577].

vanDuijn:1995:MMA

[467] Marijtje A. J. van Duijn and Ulf Bockenholt. Mixture models for the analysis of repeated count data. *Applied Statistics*, 44(4):473–485, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lawless:1995:ARE

[468] J. F. Lawless. The analysis of recurrent events for multiple subjects. *Applied Statistics*, 44(4):487–498, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Robinson:1995:GIS

[469] Michael E. Robinson and Jonathan A. Tawn. General interest section: Statistics for exceptional athletics records. *Applied Statistics*, 44(4):499–511, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Baxter:1995:GIS

[470] M. J. Baxter. General interest section: Standardization and transformation in principal component analysis, with applications to archaeometry. *Applied Statistics*, 44(4):513–527, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brooks:1995:SAA

[471] Stephen P. Brooks. Statistical algorithms: Algorithm AS 298: A hybrid optimization algorithm. *Applied Statistics*, 44(4):530–533, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/298`.

Chasalow:1995:SAA

[472] Scott D. Chasalow and Richard J. Brand. Statistical algorithms: Algorithm AS 299: Generation of simplex lattice points. *Applied Statistics*, 44 (4):534–545, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/299`.

Smith:1995:SAR

[473] D. M. Smith and M. S. Ridout. Statistical algorithms: Remark AS R93: A remark on Algorithm AS 189: Maximum likelihood estimation of the parameters of the beta binomial distribution. *Applied Statistics*, 44(4): 545–547, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/189`.

Royston:1995:SAR

[474] Patrick Royston. Statistical algorithms: Remark AS R94: A remark on Algorithm AS 181: The W-test for normality. *Applied Statistics*, 44(4): 547–551, 1995. CODEN APSTAG.

ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/181`.

Lam:1995:SAR

[475] Ming Long Lam. Statistical algorithms: Remark AS R95: A remark on Algorithm AS 226: Computing non-central beta probabilities. *Applied Statistics*, 44 (4):551–552, 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/226`. See [5, 60].

Anonymous:1995:BMPd

[476] Anonymous. Back matter. *Applied Statistics*, 44(4):[2], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:FMPd

[477] Anonymous. Front matter. *Applied Statistics*, 44(4):[5], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1995:VIP

[478] Anonymous. Volume information. *Applied Statistics*, 44(4):[4], 1995. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Alho:1996:UEP

[479] Juha M. Alho, Jyrki Kangas, and Osmo Kolehmainen. Uncertainty in expert predictions of the ecological consequences of forest plans. *Applied Statistics*, 45(1):1–14, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sommer:1996:VSU

[480] Suzanne Sommer and Richard M. Huggins. Variables selection using the Wald test and a robust CP. *Applied Statistics*, 45(1):15–29, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lambert:1996:MRS

[481] Phillipe Lambert. Modelling of repeated series of count data measured at unequally spaced times. *Applied Statistics*, 45(1):31–38, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Williams:1996:RCF

[482] E. R. Williams and J. A. John. Row-column factorial designs for use in agricultural field trials. *Applied Statistics*, 45(1):39–46, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anderson:1996:DMA

[483] Christine M. Anderson and C. F. Jeff Wu. Dispersion measures and analysis for factorial directional data with replicates. *Applied Statistics*, 45(1):47–61, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Basu:1996:RBM

[484] Sabyasachi Basu and Gregory C. Reinsel. Relationship between missing data likelihoods and complete data restricted likelihoods for regression time series models: An application to total ozone data. *Applied Statistics*, 45(1):63–72, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Penny:1996:ACV

[485] Kay I. Penny. Appropriate critical values when testing for a single multivariate outlier by using the Mahalanobis dis-

tance. *Applied Statistics*, 45(1):73–81, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bowman:1996:GCN

[486] Adrian Bowman and Stuart Young. Graphical comparison of nonparametric curves. *Applied Statistics*, 45(1):83–98, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brinkley:1996:GIS

[487] P. A. Brinkley, K. P. Meyer, and J. C. Lu. General interest section: Combined generalized linear modelling-nonlinear programming approach to robust process design — A case-study in circuit board quality improvement. *Applied Statistics*, 45(1):99–110, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Andrews:1996:GIS

[488] N. J. Andrews and R. N. Curnow. General interest section: Optimal strategies for varietal selection. *Applied Statistics*, 45(1):111–125, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dunn:1996:SAA

[489] C. L. Dunn. Statistical algorithms: Algorithm AS 300: An efficient program for simulating percentile points. *Applied Statistics*, 45(1):129–133, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/300`.

Smith:1996:SAC

[490] D. M. Smith. Statistical algorithms: Correction to Algorithm AS 268: All possible subset regressions using the QR decomposition. *Applied Statistics*, 45(1):134, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/268`. See [174].

Anonymous:1996:BMPa

[491] Anonymous. Back matter. *Applied Statistics*, 45(1):[2], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1996:FMPa

[492] Anonymous. Front matter. *Applied Statistics*, 45(1):[5], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chen:1996:KED

[493] Song Xi Chen. A kernel estimate for the density of a biological population by using line transect sampling. *Applied Statistics*, 45(2):135–150, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shi:1996:APC

[494] Minggao Shi, Robert E. Weiss, and Jeremy M. G. Taylor. An analysis of paediatric CD4 counts for acquired immune deficiency syndrome using flexible random curves. *Applied Statistics*, 45 (2):151–163, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Longini:1996:FMM

[495] Ira M. Longini, Jr. and M. Elizabeth Halloran. A frailty mixture model for estimating vaccine efficacy. *Applied Statistics*, 45(2):165–173, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lipsitz:1996:GFT

[496] Stuart R. Lipsitz, Garrett M. Fitzmaurice, and Geert Molenberghs. Goodness-of-fit tests for ordinal response regression models. *Applied Statistics*, 45 (2):175–190, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1996:MCE

[497] Peter W. F. Smith, John W. McDonald, Jonathan J. Forster, and Ann M. Berrington. Monte Carlo exact methods used for analysing interethnic unions in Great Britain. *Applied Statistics*, 45 (2):191–202, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bowater:1996:GIS

[498] R. J. Bowater, J. B. Copas, and O. A. Machado. General interest section: Hearing impairment and the log-normal distribution. *Applied Statistics*, 45(2): 203–217, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sasieni:1996:GIS

[499] Peter D. Sasieni and Patrick Royston. General interest section: Dotplots. *Applied Statistics*, 45(2):219–234, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bassett:1996:GIS

[500] E. E. Bassett, S. P. Brooks, and B. J. T. Morgan. General interest section: MINITAB multivariate macros. *Applied Statistics*, 45(2):235–245, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Raab:1996:LE

[501] G. M. Raab, P. Dellaportas, and A. F. M. Smith. Letter to the editors. *Applied Statistics*, 45(2):247–251, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crook:1996:SAA

[502] J. F. Crook and I. J. Good. Statistical algorithms: Algorithm AS 301: The computation of a Bayes factor against independence in contingency tables. *Applied Statistics*, 45(2):255–265, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/301`.

Shi:1996:SAA

[503] Ning-Zhong Shi and Zhi Geng. Statistical algorithms: Algorithm AS 302: Multiple isotonic regression. *Applied Statistics*, 45(2):266–273, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/302`.

Kim:1996:SAR

[504] Minbo Kim. Statistical algorithms: Remark AS R96: A remark on Algorithm AS 279: Computing p-values for the generalized Durbin-Watson statistic and residual autocorrelations in regression. *Applied Statistics*, 45(2): 273–274, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/279`. See [296].

Anonymous:1996:BMPb

[505] Anonymous. Back matter. *Applied Statistics*, 45(2):[4], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1996:FMPb

[506] Anonymous. Front matter. *Applied Statistics*, 45(2):[5], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Satten:1996:MCM

[507] Glen A. Satten and Ira M. Longini, Jr. Markov chains with measurement error: Estimating the 'true' course of a marker of the progression of human immunodeficiency virus disease. *Applied Statistics*, 45(3):275–309, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). With discussion.

Bisgaard:1996:CAP

[508] Søren Bisgaard. A comparative analysis of the performance of Taguchi's linear graphs for the design of two-level fractional factorials. *Applied Statistics*, 45 (3):311–322, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1996:KTT

[509] Martin J. Crowder. Keep timing the tablets: statistical analysis of pill dissolution rates. *Applied Statistics*, 45 (3):323–334, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Raghunathan:1996:MIA

[510] Trivellore E. Raghunathan and David S. Siscovick. A multiple-imputation analysis of a case-control study of the risk of primary cardiac arrest among pharmacologically treated hypertensives. *Applied Statistics*, 45(3):335–352, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Have:1996:MCA

[511] Thomas R. Ten Have. Marginal and conditional association models for analysing departures from exchangeability of tooth bone loss. *Applied Statistics*, 45(3):353–369, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gange:1996:UBB

[512] Stephen J. Gange, Alvaro Munoz, Marc Saez, and Jordi Alonso. Use of the beta-binomial distribution to model the effect of policy changes on appropriateness of hospital stays. *Applied Statistics*, 45 (3):371–382, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1996:LE

[513] Philip J. Smith, Theodore J. Thompson, Thomas R. Ten Have, and David H. Uttal. Letter to the editors. *Applied Statistics*, 45(3):383–384, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lyons:1996:SAA

[514] N. I. Lyons and K. Hutcheson. Statistical algorithms: Algorithm AS 303: Generation of ordered multinomial frequencies. *Applied Statistics*, 45(3): 387–393, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/303`.

Richards:1996:SAA

[515] Larry E. Richards and John Byrd. Statistical algorithms: Algorithm AS 304: Fisher's randomization test for two small independent samples. *Applied Statistics*,

45(3):394–398, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/304`.

Preston:1996:CSD

[516] Ian Preston. Corrigendum: Sampling distributions of relative poverty statistics. *Applied Statistics*, 45(3):399, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [429].

Anonymous:1996:BMPc

[517] Anonymous. Back matter. *Applied Statistics*, 45(3):[3], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1996:FMPc

[518] Anonymous. Front matter. *Applied Statistics*, 45(3):[5], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nester:1996:ASC

[519] Marks R. Nester. An Applied Statistician's creed. *Applied Statistics*, 45(4):401–410, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=035&iid=4&vid=45`.

Betensky:1996:ACM

[520] Rebecca A. Betensky and Alice S. Whittemore. An analysis of correlated multivariate binary data: Application to familial cancers of the ovary and breast. *Applied Statistics*, 45(4):411–429, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=036&iid=4&vid=45`.

Thall:1996:EGC

[521] Peter F. Thall, Derek Jacoby, and Stuart O. Zimmerman. Estimating genomic category probabilities from fluorescent in situ hybridization counts with misclassification. *Applied Statistics*, 45(4):431–446, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=037&iid=4&vid=45`.

Babcock:1996:EST

[522] Bruce A. Babcock, Alicia L. Carriquiry, and Hal S. Stern. Evaluation of soil test information in agricultural decision-making. *Applied Statistics*, 45(4):447–461, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=038&iid=4&vid=45`.

Coles:1996:BAE

[523] Stuart G. Coles and Jonathan A. Tawn. A Bayesian analysis of extreme rainfall data. *Applied Statistics*, 45(4):463–478, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=039&iid=4&vid=45`.

Denis:1996:ACR

[524] Jean-Baptiste Denis and John C. Gower. Asymptotic confidence regions for biadditive models: Interpreting genotype-environment interactions. *Applied Statistics*, 45(4):479–493, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=040&iid=4&vid=45`.

Caroni:1996:LE

[525] Chrys Caroni, Colin Aitken, Wing K. Fung, Kay I. Penny, P. W. Tsai, S. G. Gilmour, and R. Mead. Letters to the editors. *Applied Statistics*, 45(4): 495–503, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gan:1996:SAA

[526] F. F. Gan. Statistical algorithms: Algorithm AS 305: Average run lengths for cumulative sum control charts under linear trend. *Applied Statistics*, 45 (4):505–512, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/305`.

Moser:1996:SAA

[527] Barry Kurt Moser and Melinda H. McCann. Statistical algorithms: Algorithm AS 306: The balanced incomplete block product. *Applied Statistics*, 45 (4):512–516, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/306`.

Rousseeuw:1996:SAA

[528] Peter J. Rousseeuw and Ida Ruts. Statistical algorithms: Algorithm AS 307: Bivariate location depth. *Applied Statistics*, 45(4):516–526, 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/307`.

Anonymous:1996:BMPd

[529] Anonymous. Back matter. *Applied Statistics*, 45(4):[3], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1996:FMPd

[530] Anonymous. Front matter. *Applied Statistics*, 45(4):[5], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1996:VIP

[531] Anonymous. Volume information. *Applied Statistics*, 45(4):[3], 1996. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lange:1997:NLF

[532] Nicholas Lange and Scott L. Zeger. Nonlinear Fourier time series analysis for human brain mapping by functional magnetic resonance imaging. *Applied Statistics*, 46(1):1–29, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=046&iid=1&vid=46`. With discussion and a reply by the authors.

Diggle:1997:SAR

[533] Peter J. Diggle and Ibrahim al Wasel. Spectral analysis of replicated biomedical time series. *Applied Statistics*, 46(1):31–71, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=047&iid=1&vid=46`. With discussion and a reply by the authors.

Lunn:1997:MCM

[534] David J. Lunn and Leon J. Aarons. Markov chain Monte Carlo techniques for studying interoccasion and intersubject variability: Application to pharmacokinetic data. *Applied Statistics*, 46(1):73–??, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=048&iid=1&vid=46`.

Rai:1997:DSM

[535] S. N.. Rai and D. E. Matthews. Discrete scale models for survival-sacrifice experiments. *Applied Statistics*, 46 (1):93–109, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=049&iid=1&vid=46`.

Ridout:1997:ECP

[536] M. S. Ridout and D. C. Harris. Estimating the concentration of propagules of a plant pathogen from soil dilution plate counts when the response is non-linear. *Applied Statistics*, 46(1):111–??, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=050&iid=1&vid=46`.

Smith:1997:SEA

[537] Richard L. Smith. Statistics for exceptional athletics records. *Applied Statistics*, 46(1):123–128, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=051&iid=1&vid=46`.

Turkkan:1997:AHP

[538] N. Turkkan and T. Pham-Gia. Algorithm AS 308: Highest posterior density credible region and minimum area confidence region: The bivariate case. *Applied Statistics*, 46(1): 131–??, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/308`; `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=053&iid=1&vid=46`.

Jaimez:1997:AEM

[539] R. Gutiérrez Jáimez, A. González Carmona, and F. Torres Ruiz. Algorithm AS 309: Estimation in multivariate lognormal diffusion processes with exogenous factors. *Applied Statistics*, 46 (1):140–146, December 1997. CODEN APSTAG. ISSN 0035-9254 (print),

1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/309; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=054&iid=1&vid=46.

Chattamvelli:1997:ACN

[540] R. Chattamvelli and F. Shanmugam. Algorithm AS 310: Computing the non-central beta distribution function. *Applied Statistics*, 46(1):146–156, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/310; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=055&iid=1&vid=46.

Mauricio:1997:AEL

[541] José Alberto Mauricio. Algorithm AS 311: The exact likelihood function of a vector autoregressive moving average model. *Applied Statistics*, 46 (1):157–??, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/311; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=056&iid=1&vid=46.

Chan:1997:AAS

[542] Grace Chan and Andrew T. A. Wood. Algorithm AS 312: An algorithm for simulating stationary Gaussian random fields. *Applied Statistics*, 46 (1):171–??, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/312; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=057&iid=1&vid=46.

Garcia-Perez:1997:CAE

[543] Miguel A. García-Pérez. Correction to Algorithm AS 179: Enumeration of all permutations of multi-sets with fixed repetition numbers, by Miguel A. García-Pérez. *Applied Statistics*, 46(1):182, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/179; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=058&iid=1&vid=46.

Anonymous:1997:ASIa

[544] Anonymous. Algorithms section: Introduction. *Applied Statistics*, 46(1):??, December 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=052&iid=1&vid=46.

Robinson:1997:SES

[545] Michael. E. Robinson and Jonathan A. Tawn. Statistics for extreme sea currents. *Applied Statistics*, 46 (2):183–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=059&iid=2&vid=46.

John:1997:CET

[546] J. A. John and E. R. Williams. The construction of efficient two-replicate row column designs for use in field trials. *Applied Statistics*, 46(2):207–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=060&iid=2&vid=46.

Gibson:1997:MCM

[547] Gavin J. Gibson. Markov chain Monte Carlo methods for fitting spatiotemporal stochastic models in plant epidemiology. *Applied Statistics*, 46(2):215–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=061&iid=2&vid=46.

Jacob:1997:FCH

[548] G. Jacob, F. H. C. Marriott, and P. A. Robbins. Fitting curves to human respiratory data. *Applied Statistics*, 46(2):235–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=062&iid=2&vid=46.

Lindsey:1997:PMI

[549] J. K. Lindsey. Parametric multiplicative intensities models fitted to bus motor failure data. *Applied Statistics*, 46(2):245–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=063&iid=2&vid=46. See corrigendum [578].

Marriott:1997:GTS

[550] J. M. Marriott and A. N. Pettitt. Graphical techniques for selecting explanatory variables for time series data. *Applied Statistics*, 46(2):253–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=064&iid=2&vid=46.

Dixon:1997:MAF

[551] Mark J. Dixon and Stuart G. Coles. Modelling association football scores and inefficiencies in the football betting market. *Applied Statistics*, 46(2):265–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=065&iid=2&vid=46.

Nelder:1997:LE

[552] J. A. Nelder and G. J. S. Ross. Letters to the editors. *Applied Statistics*, 46(2):281–286, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=066&iid=2&vid=46.

Donev:1997:AAC

[553] A. N. Donev. Algorithm AS 313: An algorithm for the construction

of crossover trials. *Applied Statistics*, 46(2):288–295, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/313; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=068&iid=2&vid=46.

Payne:1997:AIM

[554] R. W. Payne. Algorithm AS 314: Inversion of matrices with contents subject to modulo arithmetic. *Applied Statistics*, 46(2):295–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/314; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=069&iid=2&vid=46.

Anonymous:1997:ASIb

[555] Anonymous. Algorithms section: Introduction. *Applied Statistics*, 46 (2):??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=067&iid=2&vid=46.

Donnelly:1997:BSE

[556] C. A. Donnelly, S. M. Gore, R. N. Curnow, and J. W. Wilesmith. The bovine spongiform encephalopathy maternal cohort study: Its purpose and findings. *Applied Statistics*, 46(3):299–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=070&iid=3&vid=46.

Gore:1997:BSE

[557] Sheila M. Gore, Walter R. Gilks, and John W. Wilesmith. Bovine spongiform encephalopathy maternal cohort study — exploratory analysis. *Applied Statistics*, 46(3):305–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=071&iid=3&vid=46.

Donnelly:1997:ABS

[558] C. A. Donnelly, A. C. Ghani, N. M. Ferguson, J. W. Wilesmith, and R. M. Anderson. Analysis of the bovine spongiform encephalopathy maternal cohort study: Evidence for direct maternal transmission. *Applied Statistics*, 46(3):321–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=072&iid=3&vid=46.

Curnow:1997:ABS

[559] R. N. Curnow, A. Hodge, and J. W. Wilesmith. Analysis of the bovine spongiform encephalopathy maternal cohort study: The discordant case-control pairs. *Applied Statistics*, 46(3):345–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=073&iid=3&vid=46.

Goetghebeur:1997:ETC

[560] Els Goetghebeur and Krista Lapp. The effect of treatment compliance in a placebo-controlled trial: Regression with unpaired data. *Applied Statistics*, 46(3):351–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=074&iid=3&vid=46`.

Wright:1997:NDE

[561] David Wright, Julian Stander, and Kypros Nicolaides. Nonparametric density estimation and discrimination from images of shapes. *Applied Statistics*, 46(3):365–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=075&iid=3&vid=46`.

Mendoza-Blanco:1997:AAS

[562] José R. Mendoza-Blanco and Xin M. Tu. Algorithm AS 315: An algorithm for sampling the degrees of freedom in Bayesian analysis of linear regressions with t-distributed errors. *Applied Statistics*, 46(3):383–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/315; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=077&iid=3&vid=46`.

Moser:1997:ARM

[563] Barry Kurt Moser and Melinda H. McCann. Algorithm AS 316: A Robbins-Monro-based sequential procedure. *Applied Statistics*, 46(3):388–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/316; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=078&iid=3&vid=46`.

Thompson:1997:FMM

[564] T. J. Thompson, P. J. Smith, and J. P. Boyle. Finite mixture models with concomitant information: assessing diagnostic criteria for diabetes. *Applied Statistics*, 46(3):393–404, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=117&iid=3&vid=46`.

Agha:1997:AML

[565] M. Agha and D. S. Branker. Algorithm AS 317: Maximum likelihood estimation and goodness-of-fit tests for mixtures of distributions. *Applied Statistics*, 46(3):399–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/317; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=079&iid=3&vid=46`.

Tiwari:1997:AER

[566] Ram C. Tiwari and Jie Yang. Algorithm AS 318: An efficient recursive algorithm for computing the distribution function and non-centrality parameter of the non-central F-distribution. *Ap-*

plied Statistics, 46(3):408–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/318; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=080&iid=3&vid=46.

Anonymous:1997:ASIc

[567] Anonymous. Algorithms section: Introduction. *Applied Statistics*, 46 (3):??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=076&iid=3&vid=46.

Fitzmaurice:1997:DOL

[568] Garrett M. Fitzmaurice, Anthony F. Heath, and D. R. Cox. Detecting overdispersion in large scale surveys: Application to a study of education and social class in Britain (with comments). *Applied Statistics*, 46(4):415–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=081&iid=4&vid=46.

Volinsky:1997:BMA

[569] Chris T. Volinsky, David Madigan, Adrian E. Raftery, and Richard A. Kronmal. Bayesian model averaging in proportional hazard models: Assessing the risk of a stroke. *Applied Statistics*, 46(4):433–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=082&iid=4&vid=46.

Olguin:1997:NLH

[570] Jorge Olguín and Tom Fearn. A new look at half-normal plots for assessing the significance of contrasts for unreplicated factorials. *Applied Statistics*, 46(4):449–462, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=083&iid=4&vid=46.

Lipsitz:1997:QRM

[571] Stuart R. Lipsitz, Garrett M. Fitzmaurice, Geert Molenberghs, and Lue Ping Zhao. Quantile regression methods for longitudinal data with drop-outs: Application to CD4 cell counts of patients infected with the human immunodeficiency virus. *Applied Statistics*, 46(4):463–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=084&iid=4&vid=46.

Stephens:1997:CIE

[572] D. A. Stephens, A. F. M. Smith, and R. Moskovic. Charpy impact energy data: A Markov chain Monte Carlo analysis. *Applied Statistics*, 46(4):477–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=085&iid=4&vid=46.

Taplin:1997:SAP

[573] Ross H. Taplin. The statistical analysis of preference data. *Applied Statistics*, 46(4):493–512, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=086&iid=4&vid=46.

Koval:1997:AVM

[574] John J. Koval. Algorithm AS 319: Variable metric function minimization. *Applied Statistics*, 46(4):515–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/319; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=088&iid=4&vid=46.

Garcia-Perez:1997:ADI

[575] Miguel A. García-Pérez. Algorithm AS 320: Decomposing an integer N into all sets of J positive integer summands by simulation of dynamically varying nested DO loops. *Applied Statistics*, 46(4):522–533, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/320; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=089&iid=4&vid=46.

Hilton:1997:AEH

[576] Joan F. Hilton and Lauren Gee. Algorithm AS 321: An exact Hollander bivariate symmetry test. *Applied Statistics*, 46(4):533–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://lib.stat.cmu.edu/apstat/321; http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=090&iid=4&vid=46.

Gilks:1997:CAR

[577] W. R. Gilks, R. M. Neal, N. G. Best, and K. K. C. Tan. Corrigendum: Adaptive rejection Metropolis sampling. *Applied Statistics*, 46(4):541–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=091&iid=4&vid=46. See [466].

Lindsey:1997:CPM

[578] J. K. Lindsey. Corrigendum: Parametric multiplicative intensities models fitted to bus motor failure data. *Applied Statistics*, 46(4):542–??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=092&iid=4&vid=46. See [549].

Anonymous:1997:AIV

[579] Anonymous. Author index: Vol. 46, 1997. *Applied Statistics*, 46(4):??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=093&iid=4&vid=46.

Anonymous:1997:AS

[580] Anonymous. Algorithms section: Introduction. *Applied Statistics*, 46 (4):??, 1997. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=087&iid=4&vid=46.

Bartholomew:1998:SUC

[581] D. J. Bartholomew. Scaling unobservable constructs in social science. *Applied Statistics*, 47(1):1–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=094&iid=1&vid=47.

Ehrlich:1998:SRA

[582] Willa K. Ehrlich, Vijayan N. Nair, M. S. Alam, W. H. Chen, and Mark Engel. Software reliability assessment using accelerated testing methods. *Applied Statistics*, 47(1):15–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=095&iid=1&vid=47.

Aslett:1998:COS

[583] Robert Aslett, Robert J. Buck, Steven G. Duvall, Jerome Sacks, and William J. Welch. Circuit optimization via sequential computer experiments: Design of an output buffer. *Applied Statistics*, 47(1):31–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=096&iid=1&vid=47.

Kvam:1998:BFR

[584] Paul H. Kvam. The binomial failure rate mixture model for common cause failure data from the nuclear industry. *Applied Statistics*, 47(1):49–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=097&iid=1&vid=47.

Curnow:1998:LGI

[585] R. N. Curnow, A. P. Morris, and J. C. Whittaker. Locating genes involved in human diseases. *Applied Statistics*, 47(1):63–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=098&iid=1&vid=47.

Ventura:1998:SIE

[586] V. Ventura, A. C. Davison, and S. J. Boniface. Statistical inference for the effect of magnetic brain stimulation on a motoneurone. *Applied Statistics*, 47(1):77–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=099&iid=1&vid=47.

Donner:1998:SAD

[587] Allan Donner. Some aspects of the design and analysis of cluster randomization trials. *Applied Statistics*, 47(1):95–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=100&iid=1&vid=47.

Spiegelhalter:1998:BGM

[588] David J. Spiegelhalter. Bayesian graphical modelling: A case-study in monitoring health outcomes. *Applied Statistics*, 47(1):115–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=101&iid=1&vid=47.

Zhou:1998:CAT

[589] Xiao-Hua Zhou. Comparing accuracies of two screening tests in a two-phase study for dementia. *Applied Statistics*, 47(1):135–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=102&iid=1&vid=47.

Lindsey:1998:AHS

[590] J. K. Lindsey and P. M. E. Altham. Analysis of the human sex ratio by using overdispersion models. *Applied Statistics*, 47(1):149–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=103&iid=1&vid=47.

Copas:1998:OGR

[591] John Copas and Peter Marshall. The offender group reconviction scale: A statistical reconviction score for use by probation officers. *Applied Statistics*, 47(1):159–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=104&iid=1&vid=47.

Hamilton:1998:CNL

[592] David C. Hamilton and O. Knop. Combining non-linear regressions that have unequal error variances and some parameters in common. *Applied Statistics*, 47(2):173–185, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=105&iid=2&vid=47.

Lin:1998:NNL

[593] T. C. Lin and M. Pourahmadi. Nonparametric and non-linear models and data mining in time series: a case-study on the Canadian lynx data. *Applied Statistics*, 47(2):187–201, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=106&iid=2&vid=47.

Steiner:1998:GDE

[594] Stefan H. Steiner. Grouped data exponentially weighted moving average control charts. *Applied Statistics*, 47(2):203–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=107&iid=2&vid=47`.

Longford:1998:CDT

[595] N. T. Longford. Count data and treatment heterogeneity in 2×2 crossover trials. *Applied Statistics*, 47(2):217–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=108&iid=2&vid=47`.

Faraway:1998:TSF

[596] Julian Faraway and Chris Chatfield. Time series forecasting with neural networks: A comparative study using the airline data. *Applied Statistics*, 47(2):231–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=109&iid=2&vid=47`.

Ekholm:1998:MCO

[597] Anders Ekholm and Chris Skinner. The muscatine children's obesity data reanalysed using pattern mixture models. *Applied Statistics*, 47(2):251–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=110&iid=2&vid=47`.

Ridout:1998:MMM

[598] Martin S. Ridout, Malcolm J. Faddy, Graeme Jones, and Colin A. M. Campbell. Markov models of mite movements. *Applied Statistics*, 47(2):265–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=111&iid=2&vid=47`.

Dellaportas:1998:BCN

[599] Petros Dellaportas. Bayesian classification of Neolithic tools. *Applied Statistics*, 47(2):279–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=112&iid=2&vid=47`. See corrigendum [619].

Diggle:1998:MBG

[600] P. J. Diggle, J. A. Tawn, and R. A. Moyeed. Model-based geostatistics. *Applied Statistics*, 47(3):299–350, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=113&iid=3&vid=47`. With discussion and a reply by the authors.

Maritz:1998:EGC

[601] J. S. Maritz, C. J. Lombard, and C. H. Morrell. Exact group compar-

isons using irregular longitudinal data. *Applied Statistics*, 47(3):351–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=114&iid=3&vid=47`.

Hurn:1998:CFM

[602] M. Hurn. Confocal fluorescence microscopy of leaf cells: An application of Bayesian image analysis. *Applied Statistics*, 47(3):361–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=115&iid=3&vid=47`.

Lewis:1998:CDP

[603] S. M. Lewis and K. G. Russell. Crossover designs in the presence of carry-over effects from two factors. *Applied Statistics*, 47(3):379–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=116&iid=3&vid=47`.

Thompson:1998:FMM

[604] T. J. Thompson, P. J. Smith, and J. P. Boyle. Finite mixture models with concomitant information: Assessing diagnostic criteria for diabetes. *Applied Statistics*, 47(3):393–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bruun:1998:CAE

[605] J. T. Bruun and J. A. Tawn. Comparison of approaches for estimating the probability of coastal flooding. *Applied Statistics*, 47(3):405–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=118&iid=3&vid=47`.

Troxel:1998:ALD

[606] A. B. Troxel, D. P. Harrington, and S. R. Lipsitz. Analysis of longitudinal data with non-ignorable non-monotone missing values. *Applied Statistics*, 47(3):425–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=119&iid=3&vid=47`.

Best:1998:NAO

[607] B. J. Best and J. C. W. Rayner. Nonparametric analysis of ordinal categorical response data with factorial structure. *Applied Statistics*, 47(3):439–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=120&iid=3&vid=47`.

Bissell:1998:LEH

[608] A. F. Bissell. Letters to the Editors: Half-normal plots for unreplicated factorials. *Applied Statistics*, 47(3):447, 1998. CODEN APSTAG. ISSN 0035-9254

(print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=121&iid=3&vid=47.

Nelder:1998:LEI

[609] J. A. Nelder. Letters to the Editors: The importance of marginality rules. *Applied Statistics*, 47(3):447–448, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=122&iid=3&vid=47.

Angelis:1998:BPA

[610] D. De Angelis, W. R. Gilks, and N. E. Day. Bayesian projection of the acquired immune deficiency syndrome epidemic (with discussion). *Applied Statistics*, 47(4):449–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=123&iid=4&vid=47.

Pawitan:1998:MIP

[611] Y. Pawitan. Mixed inverse problems arising in the estimation of calibration factors in positron emission tomography. *Applied Statistics*, 47(4):499–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=124&iid=4&vid=47.

Dittrich:1998:MES

[612] R. Dittrich, R. Hatzinger, and W. Katzenbeisser. Modelling the effect of subject-specific covariates in paired comparison studies with an application to university rankings. *Applied Statistics*, 47(4):511–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=125&iid=4&vid=47. See corrigendum [662].

Mertens:1998:EPC

[613] B. J. A. Mertens. Exact principal component influence measures applied to the analysis of spectroscopic data on rice. *Applied Statistics*, 47(4):527–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=126&iid=4&vid=47.

Christen:1998:SSR

[614] J. A. Christen and C. E. Buck. Sample selection in radiocarbon dating. *Applied Statistics*, 47(4):543–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=127&iid=4&vid=47.

Kelsall:1998:SVR

[615] J. E. Kelsall and P. J. Diggle. Spatial variation in risk of disease: A nonparametric binary regression approach. *Applied Statistics*, 47(4):559–??, 1998. CODEN APSTAG. ISSN 0035-9254

(print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=128&iid=4&vid=47.

Vounatsou:1998:BAT

[616] P. Vounatsou, T. Smith, and A. F. M. Smith. Bayesian analysis of two-component mixture distributions applied to estimating malaria attributable fractions. *Applied Statistics*, 47 (4):575–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=129&iid=4&vid=47.

Bray:1998:AMC

[617] I. Bray and D. E. Wright. Application of Markov chain Monte Carlo methods to modelling birth prevalence of Down syndrome. *Applied Statistics*, 47(4):589–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=130&iid=4&vid=47.

Hadgu:1998:BAL

[618] A. Hadgu and Y. Qu. A biomedical application of latent class models with random effects. *Applied Statistics*, 47(4):603–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=131&iid=4&vid=47.

Dellaportas:1998:CBC

[619] Patros Dellaportas. Corrigendum: Bayesian classification of Neolithic tools. *Applied Statistics*, 47(4):620–??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=133&iid=4&vid=47. See [599].

Anonymous:1998:CV

[620] Anonymous. Contents of volume 47, 1998. *Applied Statistics*, 47(4):??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=134&iid=4&vid=47.

Anonymous:1998:IV

[621] Anonymous. Index to Volume 47, 1998. *Applied Statistics*, 47(4):??, 1998. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=132&iid=4&vid=47.

Allum:1999:EBE

[622] G. T. Allum, R. G. Aykroyd, and J. G. B. Haigh. Empirical Bayes estimation for archaeological stratigraphy. *Applied Statistics*, 48(1):1–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=135&iid=1&vid=48.

Hughes:1999:NHH

[623] J. P. Hughes, P. Guttorp, and S. P. Charles. A non-homogeneous hidden Markov model for precipitation occurrence. *Applied Statistics*, 48(1):15–30, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=136&iid=1&vid=48`.

Faddy:1999:SMI

[624] M. J. Faddy and J. S. Fenlon. Stochastic modelling of the invasion process of nematodes in fly larvae. *Applied Statistics*, 48(1):31–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=137&iid=1&vid=48`.

Oman:1999:CTM

[625] S. D. Oman, N. Meir, and N. Halm. Comparing two measures of creatinine clearance: An application of errors-in-variables and bootstrap techniques. *Applied Statistics*, 48(1):39–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=138&iid=1&vid=48`.

Avery:1999:FMC

[626] P. J. Avery and D. A. Henderson. Fitting Markov chain models to discrete state series such as DNA sequences. *Applied Statistics*, 48(1):53–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=139&iid=1&vid=48`.

Rosenbaum:1999:UQA

[627] P. R. Rosenbaum. Using quantile averages in matched observational studies. *Applied Statistics*, 48(1):63–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=140&iid=1&vid=48`.

Weller:1999:PRS

[628] E. A. Weller, E. J. Feuer, C. M. Frey, and M. N. Wesley. Parametric relative survival regression using generalized linear models with application to Hodgkin's lymphoma. *Applied Statistics*, 48(1):79–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=141&iid=1&vid=48`.

Gilmour:1999:CPF

[629] S. G. Gilmour and T. J. Ringrose. Controlling processes in food technology by simplifying the canonical form of fitted response surfaces. *Applied Statistics*, 48(1):91–101, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=142&iid=1&vid=48`.

Liu:1999:IHI

[630] X. Liu, C. Waternaux, and E. Petkova. Influence of human immunodeficiency virus infection on neurological impairment: An analysis of longitudinal binary data with informative drop-out. *Applied Statistics*, 48(1):103–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=143&iid=1&vid=48`.

Raab:1999:ISB

[631] G. M. Raab and C. A. Donnelly. Information on sexual behaviour when some data are missing. *Applied Statistics*, 48(2):117–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=144&iid=2&vid=48`.

Dixon:1999:ENS

[632] Mark J. Dixon and Jonathan A. Tawn. The effect of non-stationarity on extreme sea-level estimation. *Applied Statistics*, 48(2):135–151, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=145&iid=2&vid=48`.

GuttierrezToscano:1999:UCC

[633] P. Guttiérrez Toscano and F. H. C. Marriott. Unsupervised classification of chemical compounds. *Applied Statistics*, 48(2):153–163, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=146&iid=2&vid=48`.

Copas:1999:ERS

[634] John Copas. The effectiveness of risk scores: The logit rank plot. *Applied Statistics*, 48(2):165–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=147&iid=2&vid=48`.

Ridout:1999:MVB

[635] Martin S. Ridout, Byron J. T. Morgan, and David R. Taylor. Modelling variability in the branching structure of strawberry inflorescences. *Applied Statistics*, 48(2):185–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=148&iid=2&vid=48`.

Webb:1999:BFA

[636] Andrew R. Webb and Philip N. Garner. A basis function approach to position estimation using microwave arrays. *Applied Statistics*, 48(2):197–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=149&iid=2&vid=48`.

Souza:1999:STA

[637] K. M. A. de Souza, J. T. Kent, and K. V. Mardia. Stochastic templates for aquaculture images and a parallel pattern detector. *Applied Statistics*, 48(2):211–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=150&iid=2&vid=48`.

Faddy:1999:MAD

[638] M. F. Faddy and M. C. Jones. Modelling and analysis of data that exhibit temporal decay. *Applied Statistics*, 48(2):229–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=151&iid=2&vid=48`.

Stanghellini:1999:DVC

[639] E. Stanghellini, K. J. McConway, and D. J. Hand. A discrete variable chain graph for applicants for credit. *Applied Statistics*, 48(2):239–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=152&iid=2&vid=48`.

Langford:1999:MMG

[640] Ian H. Langford, Alistair H. Leyland, Jon Rasbash, and Harvey Goldstein. Multilevel modelling of the geographical distributions of diseases. *Applied Statistics*, 48(2):253–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=153&iid=2&vid=48`.

Verbyla:1999:ADE

[641] Arũnas P. Verbyla, Brian R. Cullis, Michael G. Kenward, and Sue J. Welham. The analysis of designed experiments and longitudinal data by using smoothing splines (with discussion). *Applied Statistics*, 48(3):269–311, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=154&iid=3&vid=48`.

Sauerbrei:1999:URM

[642] Willi Sauerbrei. The use of resampling methods to simplify regression models in medical statistics. *Applied Statistics*, 48(3):313–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=155&iid=3&vid=48`.

Kelsall:1999:FDL

[643] Julia E. Kelsall, Scott L. Zeger, and Jonathan M. Samet. Frequency domain log-linear models; air pollution and mortality. *Applied Statistics*, 48(3):331–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-`

9254&src=ard&aid=156&iid=3&vid=48.

Sanso:1999:VRD

[644] Bruno Sansó and Lelys Guenni. Venezuelan rainfall data analysed by using a Bayesian space-time model. *Applied Statistics*, 48(3):345–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=157&iid=3&vid=48.

Verbeke:1999:EDE

[645] Geert Verbeke and Emmanuel Lesaffre. The effect of drop-out on the efficiency of longitudinal experiments. *Applied Statistics*, 48(3):363–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=158&iid=3&vid=48.

Glickman:1999:PEL

[646] Mark E. Glickman. Parameter Estimation in Large Dynamic Paired Comparison Experiments. *Applied Statistics*, 48(3):377–394, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=159&iid=3&vid=48.

Durham:1999:CTS

[647] L. Kathryn Durham, M. Elizabeth Halloran, Ira M. Longini, Jr., and Amita K. Manatunga. Comparison of two smoothing methods for exploring waning vaccine effects. *Applied Statistics*, 48(3):395–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=160&iid=3&vid=48.

Lambert:1999:AFR

[648] Phillipe Lambert and J. K. Lindsey. Analysing financial returns by using regression models based on non-symmetric stable distributions. *Applied Statistics*, 48(3):409–??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=161&iid=3&vid=48.

Hadgu:1999:A

[649] A. Hadgu and Y. Qu. Acknowledgement. *Applied Statistics*, 48(3):425, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=162&iid=3&vid=48.

Avery:1999:DCS

[650] P. J. Avery and D. A. Henderson. Detecting a changed segment in DNA sequences. *Applied Statistics*, 48(4):53–61, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=167&iid=4&vid=48.

Denison:1999:MTS

[651] D. G. T. Denison, A. T. Walden, A. Balogh, and R. J. Forsyth. Multitaper testing of spectral lines and the detection of the solar rotation frequency and its harmonics. *Applied Statistics*, 48(4):427–439, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=163&iid=4&vid=48.

Trinca:1999:DVD

[652] L. A. Trinca and S. G. Gilmour. Difference variance dispersion graphs for comparing response surface designs with applications in food technology. *Applied Statistics*, 48(4):441–455, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=164&iid=4&vid=48.

Breslow:1999:DAT

[653] N. E. Breslow and N. Chatterjee. Design and analysis of two-phase studies with binary outcome applied to Wilms tumour prognosis. *Applied Statistics*, 48(4):457–468, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=165&iid=4&vid=48.

Barao:1999:EAS

[654] M. I. Barão and J. A. Tawn. Extremal analysis of short series with outliers: sea-levels and athletics records. *Applied Statistics*, 48(4):469–487, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=166&iid=4&vid=48.

Gower:1999:ADS

[655] J. C. Gower and W. J. Krzanowski. Analysis of distance for structured multivariate data and extensions to multivariate analysis of variance. *Applied Statistics*, 48(4):505–519, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=168&iid=4&vid=48.

Khuri:1999:UQP

[656] A. I. Khuri, J. M. Harrison, and J. A. Cornell. Using quantile plots of the prediction variance for comparing designs for a constrained mixture region: an application involving a fertilizer experiment. *Applied Statistics*, 48(4):521–532, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=169&iid=4&vid=48.

Heagerty:1999:SER

[657] P. J. Heagerty and M. S. Pepe. Semiparametric estimation of regression quantiles with application to standardizing weight for height and age in US children. *Applied Statistics*, 48(4):533–551, 1999. CO-

DEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=170&iid=4&vid=48.

Lindsey:1999:UCO

[658] J. K. Lindsey. On the use of corrections for overdispersion. *Applied Statistics*, 48(4):553–561, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=171&iid=4&vid=48.

Smith:1999:ANI

[659] P. W. F. Smith, C. J. Skinner, and P. S. Clarke. Allowing for non-ignorable non-response in the analysis of voting intention data. *Applied Statistics*, 48(4):563–577, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=172&iid=4&vid=48.

Anonymous:1999:CV

[660] Anonymous. Contents of volume 48, 1999. *Applied Statistics*, 48(4):??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=174&iid=4&vid=48.

Anonymous:1999:IAV

[661] Anonymous. Index of authors, volume 48, 1999. *Applied Statistics*, 48(4):??, 1999. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL http://www.blackwellpublishers.co.uk/asp/journal.asp?ref=0035-9254&src=ard&aid=173&iid=4&vid=48.

Dittrich:2001:CME

[662] R. Dittrich, R. Hatzinger, and W. Katzenbeisser. Corrigendum: Modelling the effect of subject-specific covariates in paired comparison studies with an application to university rankings. *Applied Statistics*, 50(2):??, 2001. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [612].