A Complete Bibliography of *Applied Statistics*: 1970–1979

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/

14 March 2019
Version 4.05

Title word cross-reference

1 [777]. 2^n [73]. 2×2 [621, 89]. 6 [255]. ${}_NC_R$ [462]. χ^2 [465, 39, 854, 871, 872]. K [863, 779, 353]. L_1 [879, 450, 346, 511, 498]. L_p [781, 590]. n [233, 121]. $R \times C$ [841]. S [204, 215]. T [874, 883, 875, 2, 747, 299, 427, 31, 782, 878, 382, 783, 124]. T^2 [153, 421]. τ [339]. U [269, 216]. W [494]. X [65, 115].

***Jr** [547].

-Distribution [875, 2, 31]. **-line** [255]. **-Means** [863, 779]. **-Norm** [498, 346]. **-Series** [65]. **-Statistic** [216]. **-Values** [115].

10 [5, 117, 93]. **100** [520, 856]. **101** [554]. **102** [555]. **103** [556]. **104** [557]. **105** [585]. **106** [872, 586]. **107** [587]. **108** [746, 879, 588]. **109** [886, 887, 589]. **110** [781, 590]. **111** [591]. **112** [618, 690, 877, 857]. **113** [619]. **114** [620]. **115** [621]. **116** [648]. **117** [649]. **118** [650]. **119** [651]. **120** [686]. **121** [687]. **122** [688, 860]. **123** [689]. **124** [710]. **125** [862, 711]. **126** [712, 865]. **127** [713, 866]. **128** [714, 881]. **129** [715, 858]. **130** [741]. **131** [884, 742]. **132** [743]. **133** [744]. **134** [777]. **135** [778, 870]. **136** [863, 779]. **137** [780]. **138** [806]. **139** [807, 852, 855]. **140** [808]. **141** [843, 864, 809]. **142** [839]. **143** [840]. **144** [841]. **145** [842]. **147** [882, 853, 849, 876]. **153** [851, 871, 872]. **155** [854, 872]. **16** [880, 7, 593]. **169** [873, 868, 859]. **1965** [290]. **1968** [377].

1970 [642]. **1976** [575].

21 [10, 95]. **26** [30, 246]. **27** [31]. **28** [32]. **29** [50, 522]. **2nd** [833, 796, 705, 703, 706, 212, 772, 768, 641, 609, 583, 614, 584, 611].

30 [217, 51, 94]. **31** [52]. **32** [68, 882, 876]. **33** [69]. **34** [70]. **35** [88, 138, 218, 622]. **36** [89]. **37** [90, 319]. **38** [91]. **39** [92]. **3rd** [770, 185].

4 [1, 9, 53, 299]. **40** [113]. **41** [114]. **42** [115]. **43** [116, 139]. **44** [134]. **45** [135, 270]. **46** [136]. **47** [749, 137, 349]. **48** [162]. **49** [163]. **4th** [64, 288, 263].

5 [875, 2, 299]. **50** [164]. **51** [193, 521]. **52** [194]. **53** [214]. **54** [215]. **55** [216]. **56** [242]. **57** [243]. **58** [244, 417]. **59** [245]. **5th** [285].

6 [8, 748, 386, 867, 3]. **60** [877, 267, 320]. **61** [268, 652]. **62** [269]. **63** [589, 295, 238]. **64** [589, 296]. **65** [885, 297, 878]. **66** [298]. **67** [314]. **68** [315]. **69** [316].

7 [8, 867, 4, 829]. **70** [317]. **71** [318]. **72** [344]. **73** [345, 861]. **74** [346, 498]. **75** [558, 381]. **76** [844, 883, 874, 747, 782, 878, 382, 783]. **77** [383]. **78** [384, 467]. **79** [385].

80 [413]. **81** [414]. **82** [415]. **83** [416]. **84** [434]. **85** [435]. **86** [436]. **87** [592, 437]. **88** [462]. **89** [463].

90 [464]. **91** [465]. **92** [466]. **93** [494]. **94** [495]. **95** [496]. **96** [497]. **97** [517]. **98** [518, 745]. **99** [519, 856].

A. [830, 705, 412, 491, 212, 670, 770, 289, 828, 646, 265, 543, 264, 740, 284]. **A.I.D.** [423]. **Abridged** [85]. **Absence** [282, 325]. **Absolute** [743, 746, 879, 588]. **Absorption** [314]. **Abstract** [81]. **Abstracts** [685]. **Accelerated** [757]. **Acceptance** [98, 311]. **Account** [264]. **Accounting** [130]. **Accounts** [280]. **Acheson** [460]. **Action** [338]. **Activity** [179]. **Actuality** [525]. **Actuarial** [133]. **adaptive** [695]. **Adby** [484]. **Addendum** [154, 825]. **Additive** [686, 600]. **Adult** [576]. **Advanced** [210]. **advances** [330]. **Adverse** [142]. **Aesthetic** [205]. **Affairs** [642]. **Against** [375]. **Age** [47]. **Agriculture** [288]. **Ahead** [307]. **Aid** [722, 723, 504]. **Aids** [705]. **Aitchison** [131]. **Alan** [81, 609, 544]. **Albaum** [182]. **Albert** [804]. **Alder** [285]. **Alderson** [539]. **Algol** [144]. **Algorithm** [29, 845, 754, 873, 869, 863, 868, 779, 79, 497, 201, 628, 686, 859, 172, 268, 843, 844, 743, 746, 778, 777, 618, 555, 619, 621, 712, 748, 839, 592, 591, 840, 496, 556, 886, 887, 318, 463, 465, 68, 464, 688, 841, 883, 689, 466, 648, 435, 715, 858, 348, 874, 875, 114, 136, 1, 2, 5, 9, 53, 115, 117, 589, 854, 714, 884, 269, 494, 50, 385, 386, 557, 558, 851, 857, 30, 245, 246, 842, 345, 90, 91, 381, 462, 741, 518, 384, 415, 870, 193, 243, 779, 344, 4, 3, 713]. **Algorithm** [52, 88, 92, 138, 218, 298, 519, 520, 622, 747, 749, 880, 745, 93, 809, 319, 32, 711, 853, 849, 620, 651, 742, 69, 587, 652, 295, 296, 413, 414, 434, 436, 437, 70, 495, 314, 416, 517, 649, 217, 554, 588, 710, 497, 137, 349, 216, 317, 808, 215, 885, 242, 162, 163, 316, 780, 113, 297, 686, 346, 687, 881, 586, 214, 51, 134, 135, 94, 244, 267, 270, 320, 417, 194, 498, 590, 859, 7, 593, 31, 10, 95, 89, 164, 782, 878, 383, 522, 585, 650, 806, 807, 852, 855, 315, 116, 139, 382, 744]. **Algorithm** [865]. **Algorithmic** [829]. **Algorithms** [268, 8, 321, 387, 468, 500, 560, 594, 843, 844, 743, 746, 778, 777, 618, 690, 555, 619, 621, 712, 748, 839, 592, 591, 840, 496, 499, 556, 886, 318, 463, 465, 68, 464, 688, 860, 841, 883, 689, 466, 648, 435, 864, 715, 858, 348, 874, 875, 114, 136, 461, 838, 1, 2, 5, 9, 53, 115, 117, 589, 882, 854, 714, 873, 877, 884, 269, 494, 869, 50, 863, 385, 386, 557, 558,

851, 871, 872, 879, 857, 30, 245, 246, 842, 867, 345, 861, 862, 90, 91, 381, 462, 741, 518]. **Algorithms** [559, 384, 415, 467, 870, 670, 193, 243, 521, 868, 779, 344, 4, 3, 713, 52, 88, 92, 138, 218, 298, 519, 520, 622, 747, 749, 856, 880, 299, 745, 93, 809, 319, 32, 711, 849, 620, 651, 742, 69, 587, 652, 295, 296, 413, 414, 434, 436, 437, 70, 495, 314, 416, 517, 649, 217, 554, 588, 710, 497, 137, 349, 216, 317, 808, 215, 885, 242, 162, 163, 316, 781, 876, 780, 113, 297, 347, 686, 346, 687, 881, 586, 214, 51, 134, 135, 94, 244, 267, 270, 320, 417, 194, 498, 590, 859, 7, 593, 866]. **Algorithms** [31, 10, 95, 89, 164, 782, 878, 383, 522, 585, 650, 806, 807, 852, 855, 315, 116, 139, 382, 783, 744, 865, 771, 486]. **Alice** [262]. **Allocation** [61]. **Alternative** [603, 564, 427, 273, 814]. **Amalgamation** [240]. **Amble** [515]. **among** [355]. **Analyses** [390]. **Analysing** [332, 200]. **Analysis** [12, 292, 580, 752, 801, 722, 118, 833, 202, 133, 169, 38, 205, 703, 706, 395, 27, 257, 251, 212, 310, 771, 569, 680, 681, 443, 391, 344, 542, 768, 372, 797, 646, 547, 660, 599, 175, 223, 625, 227, 758, 185, 428, 121, 280, 726, 723, 311, 488, 627, 119, 832, 109, 239, 628, 425, 325, 490, 176, 120, 244, 417, 543, 459, 237, 489, 674, 266, 293, 283, 634, 255, 451, 273, 448, 361, 509, 398, 172, 354, 252, 211, 209, 767, 616, 541, 610, 45]. **Analytic** [567]. **Ancient** [446]. **Anders** [266, 293]. **Andersen** [830]. **Anderson** [372, 602, 492]. **Angular** [453]. **Animal** [174, 515]. **Anne** [411]. **Announcement** [433]. **Annual** [281, 452]. **ANOVA** [441, 659]. **Ansari** [494]. **Ansari-Bradley** [494]. **Anthony** [671]. **any** [172]. **Aoki** [183]. **applicable** [71]. **Application** [759, 292, 58, 374, 119, 264, 531, 266, 293, 505, 788]. **Applications** [183, 87, 310, 159, 544, 187, 157, 615, 584, 533, 289, 612, 265, 709]. **Applied** [321, 468, 827, 513, 803, 493, 817, 42, 837, 547, 46, 325, 804, 581, 45]. **approach** [787, 513, 803, 672, 647, 773, 409, 492]. **Approaches** [97]. **Approximate** [791, 504, 650]. **Approximating** [714, 667, 881]. **Approximations** [734, 574, 795, 725]. **Areas** [142, 528, 626]. **ARIMA** [633]. **Arising** [181]. **Armore** [27]. **Armstrong** [831]. **Arrangement** [146]. **Array** [30, 246]. **Arrays** [92]. **Arthur** [105]. **Artificial** [175]. **Aspects** [150, 813, 514, 444]. **ASR** [877, 878]. **Assays** [308]. **Assessment** [576, 421, 203, 394]. **Association** [443, 391, 334, 620, 598]. **Astronomy** [119]. **Asymmetric** [727]. **Asymmetry** [261]. **Asymptotic** [307, 648, 60, 308, 507]. **Attendances** [443, 391]. **Attribute** [328]. **Australia** [302]. **Authors** [811]. **Autocorrelation** [163, 412]. **Autocovariance** [431, 608]. **Automatic** [423]. **Automatique** [106]. **Autoregressive** [752, 97, 431, 608, 201, 664, 531, 507]. **Autoregressive-Moving** [608]. **Auxiliary** [1, 9, 53, 299]. **Average** [52, 587, 431, 608]. **Avi** [234]. **Avi-Itzhak** [234].

B [708, 545, 81, 704, 614, 677, 285, 158, 675]. **B.** [234, 213, 184, 133, 49, 207, 189, 210]. **Back** [165, 195, 219, 247, 271, 300, 322, 351, 388, 418, 438, 469, 501, 523, 561, 595, 623, 653, 691, 716, 750, 784, 810, 846]. **Bailey** [835, 584]. **Balaam** [377]. **Ballot** [367, 440]. **Bancroft** [191, 262]. **Band** [70]. **Banks** [645]. **Barnard** [765]. **Barrie** [40, 583, 41]. **Barry** [516]. **Bartlett** [14]. **Based** [55, 450]. **Bases** [106]. **BASIC** [241, 458, 129, 558, 381, 641, 609, 546, 740, 342]. **Basis** [683]. **Batch** [758]. **Bayesian** [454, 278, 254, 526]. **be** [255]. **Beard** [683]. **Beech** [737]. **Behaviour** [57, 665, 657]. **Behavioural** [67, 643, 646]. **Behaviours** [476]. **Being** [607]. **Benjamin** [133, 540]. **Bennett** [643]. **Best** [91, 156, 626, 726, 353, 72]. **Beta** [777, 886, 689, 57, 589, 659, 295, 296, 125, 887, 336]. **Beta-Binomial** [57, 659]. **Bethea** [540]. **Between** [538, 79, 537, 260, 393, 786, 512]. **Beverley**

[644]. **Bi** [229, 228, 370]. **bi-** [370]. **Bi-Directionally** [228]. **Bi-Variate** [229]. **Bias** [100]. **Biases** [367]. **Bibliography** [372, 377]. **Bidder** [607]. **Bierman** [674]. **Bilateral** [819]. **Bilinear** [830]. **Binary** [839, 169, 390, 162, 163]. **Binomial** [699, 332, 179, 445, 701, 715, 858, 57, 659, 52, 314, 315, 850, 200]. **Binomial-Positive** [179]. **Biological** [43, 87]. **Biologists** [48]. **Biology** [208]. **Biomathematics** [578]. **Biomedical** [65, 544, 645]. **Biometrical** [407]. **Biometrics** [66]. **Biostatistics** [799, 833, 490, 191, 373]. **Bird** [601, 825]. **Birmingham** [449, 81]. **Bissell** [705]. **Bivariate** [718, 883, 874, 747, 127, 357, 782, 878, 382, 783, 471, 274, 331]. **Blalock** [547, 487]. **BLUS** [557]. **Boat** [375]. **Bofinger** [541]. **Bonini** [489, 674]. **Book** [47, 830, 292, 551, 761, 762, 132, 458, 234, 580, 827, 487, 111, 63, 211, 183, 64, 801, 40, 513, 640, 803, 799, 579, 548, 800, 129, 209, 43, 83, 213, 235, 371, 493, 835, 833, 612, 87, 373, 184, 796, 374, 679, 705, 130, 774, 776, 412, 133, 25, 703, 639, 28, 491, 576, 672, 673, 767, 188, 24, 682, 706, 644, 48, 708, 484, 545, 67, 27, 49, 106, 212, 407, 408, 647, 676, 670, 671, 770, 771, 802, 773, 772, 836, 26, 81, 375, 680, 681, 456, 542, 42, 65, 286, 207, 289]. **Book** [454, 582, 737, 828, 768, 191, 643, 372, 455, 837, 797, 704, 84, 646, 641, 547, 62, 82, 208, 159, 241, 342, 514, 410, 409, 616, 609, 707, 549, 829, 769, 544, 577, 185, 66, 86, 189, 678, 85, 187, 157, 379, 378, 376, 20, 23, 546, 190, 583, 578, 488, 642, 131, 614, 832, 109, 110, 239, 238, 290, 411, 677, 615, 46, 457, 541, 490, 285, 645, 108, 44, 584, 287, 738, 41, 380, 831, 516, 486, 539, 158, 291, 210, 160, 182, 265, 340, 543, 552, 610, 611, 739, 341, 550, 804, 540, 709, 262]. **Book** [264, 288, 492, 515, 740, 675, 459, 485, 834, 107, 237, 377, 186, 240, 581, 45, 105, 263, 683, 553, 489, 617, 613, 685, 674, 684, 775, 21, 22, 284, 460, 798, 266, 293, 236]. **Bore** [202]. **Boullion** [540]. **Bourke** [577]. **Bowden** [207]. **Bowers** [643]. **Box** [604, 404, 25, 473, 231, 354]. **Box-Jenkins** [604]. **Box-Muller** [404, 473, 231]. **Bradley** [494, 226]. **Bradley-Terry** [226]. **Britain** [184, 199]. **British** [277]. **Bronchitis** [144]. **Brown** [262]. **Buddy** [186]. **Budgets** [149, 239]. **Building** [291, 21]. **Buishand** [769]. **Burdette** [109]. **Bus** [697]. **Business** [612, 641, 146, 489, 613, 674, 684, 775, 22]. **Buyer** [665]. **Buyer-Behaviour** [665]. **Buying** [265]. **Byrkit** [371].

C [640, 799, 235, 48, 106, 772, 82, 549, 614, 210, 265, 543, 684, 775]. **C.** [830, 209, 796, 491, 375, 680, 681, 542, 290, 677, 615, 457, 674]. **Calculating** [883, 874, 747, 782, 878, 382, 783, 258]. **Calculation** [592, 69, 437, 570, 194]. **Calculator** [768, 574, 794]. **calculators** [795]. **Calibration** [661, 457]. **Call** [528]. **Cambridge** [575]. **Campbell** [48]. **can** [255]. **Cancer** [598]. **Candidates** [85]. **Carleen** [130]. **Carlo** [637, 177, 279, 765, 275]. **Carlson** [380]. **Carter** [547]. **Case** [811, 126]. **Cases** [530]. **Catalytic** [360]. **categorical** [786, 402]. **Categories** [620]. **Caulcott** [582]. **caused** [430]. **Causes** [720]. **Cautionary** [627]. **Cell** [332, 570]. **Censored** [862, 880, 625, 720, 711, 357, 230, 6, 7, 333, 593, 806, 807, 852, 855, 358, 472]. **Central** [2, 871, 747, 299, 782, 878, 382, 783, 617]. **Certain** [152, 181]. **Chain** [222]. **Champion** [129]. **change** [787]. **change-point** [787]. **Changeable** [758]. **Changes** [429, 11, 531]. **Characteristic** [52]. **Characteristics** [587]. **Charles** [489]. **Charts** [550, 368]. **Chatfield** [796, 542]. **Checking** [146]. **Checklists** [836]. **Chemical** [263]. **Chi** [725, 786]. **Chi-Squared** [725, 786]. **Children** [638, 763]. **China** [446]. **Chirp** [649]. **Chiswick** [516]. **Choice** [309, 571, 550, 329]. **Christ** [454]. **Christian** [240]. **Christine** [552]. **Christofides** [209]. **Circle** [626].

Circular [414]. **City** [81, 411]. **Clark** [544]. **Class** [604, 587]. **classical** [359]. **Classification** [619, 106]. **Cliff** [412]. **Clinical** [109]. **Clinton** [799]. **closer** [814]. **Cluster** [257, 244, 417, 448]. **Clustering** [863, 779, 601, 825, 808, 316, 486, 449]. **Coates** [184]. **Cochran** [738]. **Code** [884, 742]. **Coder** [821]. **Coefficient** [718, 140, 532]. **Coefficients** [495, 719, 507]. **Colin** [289, 828]. **Collection** [455, 685]. **Colquhoun** [60]. **Column** [841, 397]. **Combination** [854, 871, 872]. **Combinations** [462, 122]. **Combining** [474]. **Comment** [882, 792, 206]. **Comments** [606]. **Common** [197]. **Comparative** [639]. **compared** [200]. **Comparing** [701, 715, 858, 850, 254]. **Comparison** [565, 58, 525, 233, 142, 603, 599, 535, 73, 226, 600, 402, 789, 258, 364]. **Comparisons** [792, 355]. **compartment** [444]. **Compatible** [828]. **Competing** [720]. **Competition** [563]. **Complex** [416]. **Component** [175, 223, 567, 273]. **Components** [752, 203, 527]. **Compound** [179]. **COMPSTAT** [774]. **Computation** [370, 339, 726, 526]. **Computational** [387, 72]. **Computer** [47, 12, 755, 644, 65, 737, 208, 241, 342, 149, 74, 147, 533, 709, 10, 95, 818, 123, 200, 278, 527, 312]. **computers** [252, 671]. **computers-features** [252]. **Computing** [229, 150, 76, 75, 344, 207, 620, 563, 77, 74, 433, 6, 333, 78, 78]. **Concentration** [734]. **Concept** [264]. **Concurrent** [729]. **condition** [511]. **Conditions** [142]. **Conference** [166, 655, 666, 310, 128, 733, 369, 575]. **Confidence** [621, 197, 506, 508, 554, 89]. **Confined** [806, 807, 852, 855]. **Confounded** [636]. **Congestion** [15]. **Congruential** [518, 559, 745, 231, 404]. **connection** [512]. **Considerations** [211, 76, 428]. **Considering** [600]. **Consistent** [281]. **Constance** [480]. **constant** [123]. **Constrained** [335, 879, 350]. **Construction** [461, 838, 104]. **Consulting** [528]. **Consumer** [57]. **Contemporary** [672, 773]. **Contingency** [592, 800, 39, 101, 193, 521, 253, 437, 815, 366, 477, 359]. **Continuous** [55]. **Contrasts** [636, 482, 668]. **Control** [188, 802, 645, 291, 460, 330, 789, 40, 640, 188]. **controlling** [368]. **Convenient** [478]. **Conversational** [18]. **Convex** [61]. **Cooper** [49]. **Correction** [690, 887, 850, 339, 467, 521, 443, 608, 393, 783]. **Corrections** [761, 843, 844, 763]. **Correlated** [817]. **Correlation** [592, 718, 648, 474, 140, 437, 605, 719, 100]. **Correlations** [432]. **Correspondence** [361]. **Corrigenda** [8, 321, 9, 138, 853, 94, 95, 139]. **Corrigendum** [292, 53, 349, 270, 320, 333]. **Cost** [211]. **Cot** [658]. **Course** [545, 284]. **Covariance** [38, 714, 881, 585]. **Covariate** [720]. **Covariates** [862, 711]. **coverages** [275]. **Cox** [64, 788, 354]. **Craddock** [47]. **Credibility** [148]. **Criteria** [141]. **criterion** [71]. **Critical** [565, 435, 251, 396, 756]. **Croft** [46]. **Crop** [17]. **Cross** [345, 861, 832]. **Cross-Spectrum** [345, 861]. **Cross-Tabulated** [832]. **Cumulative** [667, 574, 55, 104, 403, 795]. **Curve** [164]. **Curves** [519, 856, 230]. **Customers** [475, 313]. **cusum** [368]. **Cyrus** [374].

D [551, 762, 513, 209, 87, 412, 491, 737, 739]. **D.** [63, 801, 579, 800, 371, 212, 643, 704, 185, 23, 677, 46, 288]. **Daily** [769, 282]. **d'Analyse** [408]. **Daniel** [833, 837, 615, 490]. **Darling** [602]. **Darrell** [286]. **Data** [292, 458, 426, 496, 801, 143, 332, 145, 118, 97, 150, 169, 767, 306, 148, 862, 173, 281, 817, 36, 75, 680, 681, 144, 880, 455, 326, 178, 797, 175, 223, 625, 149, 720, 711, 620, 535, 390, 626, 488, 731, 146, 256, 230, 147, 605, 250, 543, 6, 7, 333, 593, 266, 293, 806, 807, 852, 855, 255, 166, 452, 362, 788, 200, 358, 392, 472, 644, 832, 543, 105]. **David** [458, 835, 188, 647, 454, 376, 578, 110].

Davies [208, 263]. **Day** [289, 828]. **Dealing** [105]. **Dean** [129]. **Death** [658]. **Decision** [579, 682, 706, 189, 678]. **Decisions** [159, 86, 157, 489, 613, 674]. **Decomposition** [748, 386, 867, 3, 527]. **Defining** [636, 482, 668]. **Definite** [867, 4]. **deflating** [786]. **delay** [327]. **Demand** [302, 662, 505]. **Demographic** [455]. **Demography** [64]. **Dempster** [484]. **Dendrogram** [555]. **Dense** [753]. **Density** [17, 780, 658, 834]. **Department** [642]. **Dependent** [780, 695]. **Derivation** [281, 431, 608]. **Derived** [618, 690, 877, 857, 88, 138, 218, 622]. **Derman** [374]. **Desai** [581]. **Describe** [406]. **Description** [461, 838, 283]. **Descriptions** [29]. **Descriptive** [672]. **Design** [141, 703, 771, 772, 616, 707, 428, 541, 732, 120, 492, 459, 237, 377, 368, 172]. **Designed** [660, 305]. **Designs** [233, 56, 356, 73, 250, 451, 363, 397, 547]. **Desmond** [188]. **detect** [396]. **Detecting** [786, 79]. **Detection** [722, 423]. **Determinant** [415]. **Determination** [534, 633, 440]. **Deterministic** [695]. **Developments** [234, 541, 99, 818]. **deviates** [473]. **Deviations** [194, 794]. **Diagnosis** [365, 376]. **Diagnostic** [530]. **Diagram** [134]. **Diagrams** [347]. **Dichotomous** [306]. **Dietrich** [457]. **Differences** [79, 260, 393]. **different** [313, 509]. **Digamma** [556]. **Digital** [671, 207]. **Dimensional** [744]. **Dimensions** [632, 92]. **Direct** [206, 19]. **Directed** [808]. **Directionally** [228]. **Disaggregation** [97, 452]. **Discarding** [175, 223]. **Discrete** [759, 416, 517, 649, 564]. **Discriminant** [722, 723, 627, 365]. **Discriminante** [408]. **Discriminate** [176]. **Discrimination** [565, 814]. **Diseases** [399, 584]. **Dispersion** [114, 344, 533]. **dispersive** [327]. **Distances** [555]. **Distribution** [699, 591, 465, 790, 466, 209, 179, 445, 875, 1, 2, 9, 53, 39, 854, 269, 494, 871, 872, 842, 667, 299, 566, 140, 436, 181, 554, 710, 238, 317, 204, 215, 176, 570, 586, 6, 333, 31, 11, 820, 383, 634, 403, 315, 725, 791, 478, 274, 402, 331, 275]. **Distribution-Free** [466, 554, 710, 176]. **Distributions** [152, 618, 690, 689, 701, 715, 858, 877, 884, 857, 760, 651, 742, 544, 127, 526, 403, 313, 358, 824, 850, 677]. **Districts** [240]. **Disturbances** [664]. **Diversity** [549]. **Divination** [446]. **Dixon** [65]. **DO** [462]. **Donald** [614]. **Douglas** [235, 612]. **Down** [50, 522]. **Draper** [25]. **Drawing** [405, 180]. **Drivers** [171]. **Drugs** [538]. **Duckworth** [28, 770]. **Due** [367]. **Duncan** [799, 460]. **Duran** [540]. **Durations** [730]. **Durbin** [851, 871]. **Durbin-Watson** [851, 871]. **Durran** [83]. **Dutch** [78]. **Dynamic** [63, 548].

E. [184, 24, 82, 707, 549, 285, 683]. **Earl** [207, 835]. **Earnings** [292, 148, 266, 293]. **Ebdon** [647]. **Ecological** [549, 733]. **Ecology** [82]. **Econometric** [776, 110]. **Econometrics** [516, 553, 581]. **Economic** [329, 184, 130, 569, 642, 630, 240, 553, 368]. **Economics** [641, 291, 21, 684, 775]. **Economy** [107]. **ed** [185, 285, 212, 288]. **Editing** [143, 145, 150, 148, 144, 326, 149, 146, 147, 166]. **Edition** [705, 703, 706, 770, 772, 768, 609, 614, 611, 64, 833, 796, 641, 546, 583, 584]. **Editorial** [811]. **Editors** [702, 826, 112, 483, 192, 161, 766, 736, 343, 805, 669, 294]. **Edmund** [109]. **Education** [665, 545, 27]. **Edwards** [264]. **Effect** [428, 664]. **Effects** [441, 636, 140, 819, 477, 505]. **Efficiency** [228, 728, 471]. **Efficient** [790, 54]. **Egg** [406]. **Ehrenberg** [537, 265, 543]. **Eilon** [209, 26]. **elasticity** [123]. **Elections** [367]. **electricity** [505]. **Element** [259]. **Elementary** [803, 548, 41]. **Elements** [371, 189]. **Elliot** [676]. **Elliott** [835]. **Ellipse** [180]. **Ellipses** [735]. **Ellipsoidal** [719]. **Empirical** [566, 630, 658]. **Engineering** [235, 772, 62]. **Engineers**

[540, 488]. **English-Russian** [236]. **English/English** [236]. **Enhanced** [741]. **Enrick** [186]. **Enslein** [671]. **Epidemiological** [535]. **Epidemiology** [316, 539]. **Episodes** [566]. **Equal** [115, 629]. **Equation** [59]. **Erdos** [84]. **Erricker** [210]. **Error** [307, 648, 14, 754, 339, 280, 303, 355, 600, 507]. **Error-Rates** [754]. **Errors** [746, 430, 879, 760, 588]. **Essays** [553, 107]. **Essentials** [491]. **Estimate** [592, 437, 472]. **Estimated** [507]. **Estimates** [743, 778, 870, 563, 122, 6, 333, 533]. **Estimating** [697, 362, 424, 206, 601, 825, 19, 315]. **Estimation** [152, 718, 496, 141, 143, 14, 445, 145, 150, 754, 534, 224, 879, 635, 148, 862, 173, 37, 144, 880, 757, 149, 711, 508, 731, 127, 146, 305, 256, 147, 605, 54, 7, 593, 719, 834, 806, 807, 852, 855, 166, 71, 471, 505, 447, 123, 512, 274, 327, 479, 450, 392, 331, 444, 172, 511]. **Estimator** [752]. **Estimators** [261, 177, 279, 60]. **Ethical** [813, 428]. **Euclidean** [244, 417]. **Europe** [642]. **Evaluation** [518, 559, 745, 314]. **Evelyn** [582]. **Evolutionary** [25, 337, 338, 447]. **Exact** [618, 690, 621, 839, 701, 715, 858, 877, 197, 857, 842, 204, 89, 850]. **Examination** [85, 657]. **Example** [118]. **Executive** [159]. **exercise** [355]. **Exercises** [26]. **Exeter** [411]. **expected** [363]. **Expenditure** [149, 290]. **Experience** [455]. **Experiment** [332, 599, 121, 221, 541, 377, 200]. **Experimental** [772, 174, 547, 230]. **Experimentalists** [49]. **Experimentation** [615]. **Experiments** [703, 636, 251, 482, 668, 660, 424, 481, 694, 698, 732, 305, 550, 492, 396, 312, 707, 237]. **explicit** [512]. **Exploration** [205]. **Exploratory** [767]. **Exploring** [441, 680]. **Exponential** [862, 711, 206, 19, 358]. **Extension** [537, 176, 354]. **F** [679, 705, 547, 241, 342, 410, 829, 187, 457, 264]. **F.** [373, 379, 411]. **Factor** [580, 332, 212, 200]. **Factorial** [251, 694, 732, 283, 396]. **Factorials** [233, 73]. **Factors** [59]. **Failure** [720]. **Fairley** [708]. **Familial** [605]. **Family** [149, 642, 239]. **Fast** [416, 517, 255]. **Faster** [207]. **Fatigue** [707]. **features** [252]. **Federer** [377]. **Feigl** [191]. **Feinstein** [290]. **Fertility** [642]. **Fertilization** [406]. **Field** [541]. **Figures** [281]. **Fildes** [612]. **Financial** [798]. **Finite** [345, 861, 88, 138, 218, 622]. **Finney** [185, 23, 288]. **First** [673, 545, 664, 531]. **First-Order** [664, 531]. **Fisher** [155, 211]. **Fit** [193, 521, 626, 781, 346, 498, 590, 164, 442, 276]. **Fitting** [35, 519, 856, 198, 358, 201, 226, 260, 393, 585, 681]. **Fitzpatrick** [614]. **Flow** [224]. **Fluoridation** [598]. **Football** [443, 391, 334]. **Footrule** [820]. **force** [276]. **Forecast** [525, 695]. **forecast-adaptive** [695]. **Forecasting** [575, 302, 724, 612, 330, 835, 831]. **Forecasts** [568, 630]. **Forensic** [759]. **Forest** [753, 66]. **Forester** [22]. **Form** [635, 662]. **Formalised** [379]. **Formalization** [579]. **Format** [116, 139]. **Forms** [586]. **Formula** [155]. **Formulae** [885, 297]. **Fortmann** [802]. **FORTRAN** [258, 462, 289, 828, 686, 116, 139]. **Foundation** [833, 490, 240]. **Fourier** [345, 861, 170, 416, 517, 649]. **Fox** [108, 550]. **Fractions** [251]. **Fracture** [426]. **Frank** [410]. **Fred** [772]. **Frederick** [708, 797]. **Free** [466, 554, 710, 176]. **Freezes** [480]. **Frequency** [884, 842, 651, 742, 215]. **Fried** [67]. **Front** [167, 196, 220, 248, 272, 301, 323, 352, 389, 419, 439, 470, 502, 524, 562, 596, 624, 654, 692, 717, 751, 785, 812, 847]. **Function** [499, 556, 886, 722, 701, 715, 858, 348, 1, 9, 53, 589, 635, 173, 37, 749, 299, 296, 436, 431, 608, 206, 564, 137, 349, 19, 574, 256, 162, 163, 54, 687, 125, 365, 887, 850, 123, 392, 795].

Functional [35, 662, 572, 260, 393]. **Functions** [600, 403, 744, 447, 186]. **Fundamental** [545]. **Fundamentals** [183]. **Funke** [685]. **Further** [281, 449, 365].

G [132, 580, 799, 770, 456, 641, 208, 546, 832, 44, 287, 738, 291]. **G.** [827, 40, 679, 737, 577, 187, 583, 41]. **Game** [221]. **Games** [80]. **Gamma** [68, 573, 822, 882, 816, 853, 849, 876, 336]. **Gandy** [209]. **Gap** [98, 311]. **Gap-Acceptance** [98, 311]. **Gardiner** [66]. **Gary** [459]. **Gas** [16]. **Gas-Transmission** [16]. **Gaussian** [402]. **Gear** [770]. **Gehan** [109]. **GEM** [776]. **Gene** [211]. **General** [679, 776, 587, 649, 628, 210]. **Generalised** [341]. **Generalization** [226, 359]. **Generalizations** [699]. **Generalized** [433, 216]. **Generating** [793, 336, 473]. **Generation** [132, 755, 777, 573, 462, 713, 866, 818]. **Generator** [269, 494, 214]. **Generators** [822, 518, 559, 745, 231, 404]. **Geography** [647, 184]. **Geological** [580]. **Geomathematics** [580]. **Geophysical** [118]. **George** [262, 25, 372]. **Gerald** [454, 62, 182]. **Gertsbakh** [675]. **Gilbert** [407]. **Gillian** [81]. **Given** [841]. **Gleser** [374]. **GLIM** [433]. **Glossary** [236]. **Gokhale** [800]. **Goldsmith** [263]. **Goldstein** [576]. **Gompertz** [37, 276, 600]. **Goodman** [771]. **goodness** [442]. **goodness-of-fit** [442]. **Gordesch** [774]. **Government** [367]. **Graham** [832]. **Gram** [136, 385]. **Granger** [830]. **Graph** [808]. **Graphical** [727, 656, 655, 723, 472]. **Graphs** [497]. **Gray** [341]. **Greater** [777]. **Greensted** [491]. **Groot** [86]. **Gross** [544]. **Grossman** [835]. **Group** [723, 789]. **Grouped** [496, 173, 880, 256, 6, 7, 333, 593, 358, 392]. **Growth** [817, 206, 564, 19, 600, 278]. **Grundy** [379]. **Guarantee** [534]. **Guenther** [640]. **Guide** [374, 770, 617]. **Gupta** [493, 372]. **Guttmann** [670].

H [211, 43, 83, 703, 576, 484, 375, 454, 372, 707, 66, 376, 290, 677, 685, 674, 684, 775, 284]. **H.** [487, 43, 133, 576, 547, 616, 239, 285, 645, 341, 45, 674]. **Hahn** [62]. **Haine** [81]. **Half** [217, 51, 94]. **Hall** [26]. **Halsbury** [207]. **Hamburg** [706]. **hand** [794, 795]. **hand-calculator** [794]. **Handbook** [677, 485]. **Harmonic** [325]. **Harmonics** [170]. **Harshbarger** [682]. **Hartigan** [486]. **Hartkemeier** [45]. **Harvey** [159, 157, 190]. **Hausman** [674]. **Haycocks** [133]. **Hazard** [625, 788]. **Health** [799, 833, 87, 379, 378, 490]. **Healy** [576]. **Hedetniemi** [771]. **Height** [576, 638, 763]. **Heights** [537]. **Hennes** [513]. **Herbert** [671]. **Hertzian** [426]. **Hess** [614]. **Hierarchical** [619]. **Hill** [762, 739]. **Hills** [639]. **Hines** [235]. **Histogram** [135, 270]. **History** [704, 126]. **Hit** [164]. **Hitz** [802]. **Hoel** [641]. **Hogg** [676]. **holiday** [505]. **Holman** [43]. **Holt** [724]. **Holt-Winters** [724]. **Homogeneous** [141]. **Honor** [262]. **Honour** [553]. **Hormone** [308]. **Hospitals** [376, 614]. **Hospitals-Diagnosis** [376]. **Hotelling** [153, 421]. **Houthakker** [239]. **Huang** [110]. **Huff** [286]. **Hull** [310, 552]. **Hurwood** [835]. **Hyperbola** [60]. **Hypergeometric** [245, 69].

I. [762, 106, 739]. **I.B.M.** [339]. **IASPS** [103]. **Ideal** [155]. **Ideas** [609]. **Identification** [366, 142, 510]. **Identifying** [156]. **II** [330, 223, 131]. **Illness** [566]. **Illustration** [59]. **Ilya** [675]. **Implementing** [188]. **implicit** [512]. **Improved** [873, 868, 859]. **including** [255]. **Income** [238, 290, 287, 11]. **Incomplete** [886, 68, 589, 882, 853, 849, 295, 296, 876, 887, 395, 331]. **Independence** [101]. **Independent** [758, 602, 791]. **Index** [321, 155]. **Indian** [638, 763]. **Individual**

[153, 603, 364]. **Industrial** [26, 615, 147, 460]. **Industry** [291, 263, 292, 266, 293, 804, 21]. **Infection** [360, 788]. **Infectious** [399, 584]. **Inference** [464, 688, 860, 222, 27, 334, 526, 551, 673, 676, 264]. **Infinite** [510]. **Influence** [722]. **Information** [33, 96, 168, 249, 324, 420, 503, 597, 693, 848, 800, 572, 356, 552]. **Ingram** [374]. **Input** [77]. **Input/Output** [77]. **Inspection** [40, 640, 329]. **Institute** [85]. **Insurance** [146, 683]. **Integral** [712, 68, 229, 883, 573, 874, 875, 2, 589, 882, 298, 747, 299, 853, 849, 295, 876, 31, 782, 878, 382, 783, 865, 336]. **Integrals** [1, 9, 53, 299, 370]. **Interaction** [441, 700, 423, 253]. **interactions** [395]. **Interactive** [801, 433]. **Interclass** [605]. **Internal** [75]. **Interpolating** [505]. **Interpretation** [432, 577, 407]. **Interpreting** [663, 885, 297, 543]. **Intersection** [98]. **Interval** [466, 197, 508, 230, 122]. **Interval-Censored** [230]. **Intervals** [554]. **Introduction** [830, 183, 143, 373, 484, 67, 27, 771, 802, 643, 82, 241, 342, 678, 20, 285, 539, 288, 45, 191, 23, 670, 578]. **Introductory** [799, 682, 284]. **Inverse** [886, 887, 589, 667, 757, 508, 296, 574, 795]. **Inversion** [864, 867, 90, 4, 809, 70]. **Investigation** [177, 630, 273]. **Invitation** [811]. **Ipsen** [191]. **Irene** [614]. **Issacs** [454]. **Item** [458]. **iterative** [312, 172]. **Itzhak** [234].

J [830, 63, 579, 129, 373, 374, 576, 188, 27, 670, 65, 641, 62, 544, 577, 23, 832, 109, 239, 541, 584, 516, 288, 105, 460]. **J.** [47, 580, 83, 412, 703, 491, 576, 836, 26, 737, 409, 577, 678, 131, 677, 541, 831, 486, 22]. **Jackknife** [341]. **Jackson** [454]. **Jacob** [241, 342]. **Jamaica** [304]. **James** [513, 684, 775]. **Jan** [553]. **Jardine** [491]. **Jean** [408]. **Jean-Marie** [408]. **Jebe** [707]. **Jeffers** [836]. **Jenkins** [604]. **Jessen** [641]. **Joan** [776, 190]. **Johannes** [774, 191]. **John** [458, 827, 548, 703, 767, 797, 514, 237]. **Johnson** [869, 772, 519, 520, 856]. **Johnson-Normal** [869, 520, 856]. **Joint** [666, 651, 369]. **Jon** [768]. **Jones** [678]. **Joreskog** [580]. **Judgment** [205].

K. [580]. **Kapadia** [677]. **Kendall** [318, 339, 456, 204, 215, 291, 610, 611]. **Kernel** [759]. **Keys** [732]. **King** [26]. **Kingaby** [287]. **Kingdom** [238, 290]. **Kingston** [304]. **Kirkness** [411]. **Kleinrock** [709]. **Klevmarken** [266, 293]. **Klovan** [580]. **Kmietowicz** [798]. **Knapp** [799]. **Knox** [316]. **Konijn** [616]. **Konrad** [802]. **Kotz** [236]. **KRANK** [339]. **Krishnan** [547]. **Kullback** [800]. **Kurt** [671]. **Kurtosis** [434].

L [132, 835, 802, 772, 454, 84, 241, 342, 409, 488, 541, 285, 341, 540, 492, 186, 263, 613]. **L.** [547]. **Lake** [480]. **Language** [342, 241]. **Languages** [74]. **Lapin** [613]. **Large** [38, 558, 381]. **Large-Scale** [38]. **Largest** [842, 383]. **Latent** [267, 320, 258]. **Law** [757, 508]. **Lawley** [212]. **Lawrence** [613]. **Learning** [513]. **Least** [743, 558, 381, 178, 757, 206, 19, 359, 172]. **Lee** [737]. **Left** [152]. **Left-Truncated** [152]. **Lenart** [160]. **Length** [649]. **Leon** [374]. **Leonard** [709]. **Leone** [772]. **LEP** [475]. **Lerman** [106]. **Leslie** [377]. **Less** [777]. **Letter** [826, 112, 483, 192, 161, 766, 736, 805, 294]. **Letters** [702, 343, 669]. **Level** [636, 482, 668]. **Lewes** [411]. **Lewis** [108]. **Lie** [286]. **Life** [764, 757, 824]. **Likelihood** [496, 754, 862, 173, 37, 880, 711, 390, 563, 256, 54, 658, 264, 6, 7, 333, 593, 806, 807, 852, 855, 392, 331]. **Limit** [181]. **Limits** [621, 710, 89, 275]. **Lindgren** [189]. **Line** [268, 652, 781, 346, 498, 590, 255]. **Linear** [696, 743, 746, 778, 35, 141, 854, 558, 871, 872, 879, 173, 381, 817, 870, 802, 193, 521,

227, 588, 433, 572, 532, 54, 122, 550, 260, 393, 807, 852, 855, 359, 392]. **linearization** [401]. **Lines** [35, 729]. **Lines-The** [35]. **Linkage** [555]. **List** [468, 629]. **litter** [509]. **Litters** [174]. **Little** [707]. **Local** [367, 819]. **Location** [261, 496, 279, 533]. **Lock** [679]. **Lockett** [770]. **Log** [193, 521, 359]. **Log-Linear** [193, 521]. **Logistic** [564, 600, 365, 402]. **Logit** [399]. **Lognormal** [634, 358]. **London** [287]. **Long** [760, 831]. **Long-Range** [831]. **Long-Tailed** [760]. **Longitudinal** [36]. **Look** [700, 673, 814]. **Loops** [462]. **loss** [356]. **Lowest** [607]. **Ltd.** [291]. **Lucy** [776]. **Lyon** [105].

M [47, 458, 487, 513, 548, 184, 576, 768, 547, 159, 157, 190, 411, 108, 540, 237]. **M.** [799, 87, 703, 576, 24, 484, 456, 287, 291, 182, 550]. **MacFarlane** [491]. **Machin** [578]. **Machines** [228, 102, 207]. **MAD** [451]. **Mail** [84]. **Maintenance** [675]. **Major** [480]. **Making** [706]. **Makower** [24]. **Management** [209, 235, 150, 159, 829, 378, 46, 665, 26]. **Managerial** [157, 379]. **Managing** [108]. **Manchester** [666]. **Mann** [269, 216]. **Manova** [686, 570]. **Manual** [340]. **Many** [765, 756]. **Map** [682]. **Mapes** [111]. **Mapping** [753]. **Marcel** [829]. **Marianne** [644]. **Marie** [408]. **Market** [277, 410]. **Marketing** [182, 552, 685, 491, 158]. **Markov** [222, 362, 422, 476]. **Marshall** [576]. **Martin** [213]. **Masanao** [183]. **Massey** [410]. **matched** [363]. **matched-pair** [363]. **matches** [363]. **Mathematical** [209, 82, 514, 584, 158, 291, 107, 685, 21, 798]. **Mathematicians** [23, 43]. **Mathematics** [111]. **Matrices** [727, 344, 713, 79, 70, 866]. **Matrix** [748, 864, 114, 776, 714, 386, 867, 90, 415, 4, 3, 809, 572, 881, 267, 320, 585]. **Matter** [165, 195, 219, 167, 196, 220, 247, 271, 300, 248, 272, 301, 322, 351, 388, 323, 352, 389, 418, 438, 469, 419, 439, 470, 501, 523, 561, 502, 524, 562, 595, 623, 653, 596, 624, 654, 691, 716, 750, 692, 717, 751, 784, 810, 846, 785, 812, 847]. **Maturity** [576]. **Maurice** [610, 611]. **Max** [778, 870]. **Maximum** [496, 754, 862, 173, 37, 880, 711, 563, 256, 392, 331, 54, 6, 7, 333, 593, 806, 807, 852, 855]. **Maximum-Likelihood** [496, 37, 563, 54, 6, 333]. **Maxwell** [212, 646, 740]. **McCall** [545]. **McGilvray** [577]. **McLean** [492]. **McNeil** [801]. **Mean** [307, 114, 197, 344, 537, 303, 194, 507, 472]. **Mean-Square** [307]. **Means** [673, 863, 779, 121, 305, 570, 122, 368, 254, 789, 355]. **means-results** [355]. **Measles** [360]. **Measure** [34, 730]. **Measurement** [487]. **Measures** [620, 434]. **Meddis** [485]. **median** [450]. **Mediancentre** [840, 384, 467]. **Medical** [458, 128, 18, 577, 740]. **Meghnad** [581]. **Melvin** [454]. **Method** [405, 718, 307, 229, 43, 753, 576, 197, 212, 663, 758, 601, 825, 260, 393, 473, 361, 254]. **Méthodes** [408]. **Methodology** [579]. **Methods** [565, 759, 292, 580, 400, 612, 656, 655, 671, 62, 200, 829, 378, 583, 532, 540, 515, 263, 613, 684, 775, 266, 293, 512, 814, 484, 379, 110, 41]. **Meyer** [488]. **Michael** [639, 539]. **Michail** [66]. **micro** [362]. **micro-unit** [362]. **Miller** [799]. **Min** [778, 870]. **Min-Max** [778, 870]. **Minimization** [499, 348, 749, 137, 349, 54]. **minimize** [356]. **Minimum** [152, 746, 879, 588, 104, 113]. **Mink** [700]. **Mink-Muskrat** [700]. **Miscellanea** [152, 735, 575, 154, 261, 452, 335, 405, 233, 451, 536, 453, 404, 573, 153, 313, 39, 370, 538, 205, 734, 512, 430, 764, 339, 666, 232, 310, 482, 668, 337, 667, 606, 180, 128, 334, 79, 571, 80, 61, 155, 481, 126, 794, 432, 151, 18, 156, 338, 537, 765, 450, 431, 206, 311, 607, 181, 103, 406, 127, 231, 824, 825, 19, 60, 574, 572, 312, 104, 795, 511, 480, 638, 763, 733,

125, 369, 336, 124]. **Mises** [790, 734, 436]. **Missing** [306, 660, 424, 250, 71, 172]. **Mixed** [481, 358, 312]. **Mixed-Up** [481, 312]. **Mixture** [731]. **Mixtures** [689]. **MMPI** [458]. **Mode** [177]. **Model** [304, 721, 661, 179, 57, 399, 232, 360, 681, 603, 720, 508, 563, 686, 291, 226, 480, 21, 585, 807, 852, 855, 507, 788, 278, 422, 398, 276, 444, 199]. **Modelling** [209, 700, 769, 433, 645]. **Models** [696, 604, 839, 141, 864, 222, 625, 809, 181, 406, 633, 664, 819, 158, 675, 107, 308, 685, 531, 283, 695, 815, 71, 512, 479, 402, 359, 830, 550]. **Modern** [378]. **Modification** [229, 668]. **Modifications** [453]. **Modified** [445]. **Moment** [140]. **Moments** [519, 856, 274]. **Money** [662]. **Monitoring** [259]. **Monte** [637, 177, 279, 765, 275]. **Montgomery** [235]. **Moore** [546, 44]. **Morbidity** [566]. **Morgan** [678]. **Morris** [706, 86]. **Mortality** [133, 276]. **Mosteller** [708, 797]. **Moving** [741, 431, 608]. **Muller** [404, 473, 231]. **Multi** [464]. **Multi-Variable** [464]. **Multicollinearity** [430, 606]. **Multidimensional** [243, 477]. **Multimodal** [744]. **Multinomial** [842, 254]. **Multinormality** [421]. **Multiple** [746, 778, 700, 879, 764, 870, 599, 588, 308, 788, 355]. **Multiplicative** [231, 600, 404, 398]. **Multiresponse** [141, 71]. **Multivariable** [860]. **Multivariate** [12, 688, 153, 169, 310, 569, 344, 643, 372, 646, 547, 434, 726, 119, 780, 532, 610, 361]. **Multiway** [32]. **Murdick** [158]. **Muskrat** [700]. **Myers** [186].

N [212, 836, 515, 377]. **N.** [407, 547]. **Naeve** [774]. **Namboodiri** [547]. **Nancy** [241, 342]. **National** [130, 566, 280, 290]. **Nations** [642]. **Nature** [529]. **Navigation** [760]. **Neale** [81]. **necessary** [511]. **Negative** [179, 586, 315]. **neglected** [361]. **Neil** [803]. **Nested** [462]. **Neter** [827]. **Network** [459]. **Neuts** [829]. **Newell** [187]. **Newman** [132]. **Nicos** [209]. **Nodes** [808]. **Non** [619, 426, 141, 573, 2, 38, 817, 289, 747, 299, 140, 54, 586, 782, 878, 382, 783, 327, 787, 172, 336, 43, 485]. **Non-Central** [2, 747, 299, 782, 878, 382, 783]. **non-dispersive** [327]. **Non-Hierarchical** [619]. **Non-Homogeneous** [141]. **Non-Integral** [573, 336]. **non-iterative** [172]. **Non-Linear** [141, 817, 54]. **Non-Mathematicians** [43]. **Non-Negative** [586]. **Non-Normality** [140]. **Non-Numerical** [289]. **Non-Orthogonal** [38]. **Non-parametric** [426, 787]. **Non-Statisticians** [485]. **Noncentral** [883, 874, 875]. **Nonlinear** [183, 512, 401]. **Nonparametric** [773, 837]. **Norbert** [186]. **Norm** [781, 498, 590, 346]. **Normal** [712, 591, 229, 883, 874, 714, 869, 197, 667, 298, 520, 747, 856, 880, 217, 127, 357, 317, 574, 881, 586, 51, 94, 6, 7, 333, 593, 782, 878, 353, 806, 807, 852, 855, 382, 783, 865, 478, 471, 368, 370, 274, 473, 331, 795, 275, 472]. **Normal-Johnson** [869, 520, 856]. **Normality** [140, 602]. **Norman** [548, 25, 772, 584]. **North** [304]. **Note** [335, 350, 233, 764, 281, 155, 311, 181, 627, 124, 448, 450]. **Novel** [601, 825]. **Novick** [454]. **Null** [494, 383]. **Number** [224, 92, 587, 231, 404, 363]. **Numbers** [673, 30, 246, 155, 601, 825]. **Numerator** [620]. **Numerical** [289, 526].

O.K. [823]. **Observation** [224, 664, 452]. **Observational** [309]. **Observations** [696, 35, 332, 337, 660, 449, 71]. **observed** [786]. **Observer** [754]. **Obtaining** [197, 171]. **Occurrence** [304, 480]. **Odds** [621, 89]. **Odeh** [550]. **Odell** [132]. **Odontology** [759]. **Office** [617]. **Official** [617]. **Olkin** [374]. **O'Loughlin** [130]. **O'Muircheataigh** [680, 681]. **One** [307, 464, 688, 860, 710, 204, 657, 164, 744, 777, 444]. **one-compartment** [444].

One-Dimensional [744]. **One-Hit** [164]. **One-Sided** [464, 688, 860, 710]. **One-Step** [307]. **open** [444]. **Operating** [76, 52, 587]. **Operation** [337, 338, 25]. **Operational** [24, 770, 375, 546]. **Operations** [234, 157, 376]. **operator** [102]. **Opinion** [698, 402]. **Optimal** [232, 61, 86]. **Optimization** [183, 484, 744]. **Optimum** [335, 440, 350]. **Ord** [412]. **Order** [400, 714, 253, 633, 664, 881, 531, 442, 824]. **Ordered** [620]. **Ordinal** [620]. **Organisation** [378]. **Orthogonal** [5, 115, 117, 38, 59, 251, 415, 713, 866]. **Orthogonalization** [136]. **Osborne** [458]. **Other** [133, 107]. **Outlier** [722, 529, 816, 657]. **Outliers** [721, 694, 657, 756, 396]. **Output** [77, 290]. **Owen** [229, 704, 677, 263].

P [830, 493, 25, 672, 673, 773, 372, 45, 489, 674]. **P.** [762, 132, 484, 641, 546, 44]. **Painless** [673]. **pair** [363]. **Paired** [233, 603, 792, 599, 73, 226, 364]. **Pairs** [793]. **Pan** [851, 871]. **Paper** [367, 440]. **Papers** [811, 262]. **Parameter** [777, 573, 71, 358, 444]. **Parameters** [496, 37, 816, 563, 6, 333, 315, 471, 274, 479, 401, 336]. **parametric** [426, 787]. **Part** [240, 330]. **Partially** [720]. **Particular** [635]. **Partitioning** [253]. **Party** [433, 78]. **Patel** [677]. **Patients** [528, 614, 458]. **Pattern** [458, 637]. **Patterns** [780]. **Patterson** [684, 775]. **Paul** [454, 84]. **Payne** [680, 681]. **Pearson** [458]. **Pentikainen** [683]. **Percentage** [591, 465, 317, 725, 791]. **Percentages** [673]. **Permutational** [242]. **Permutations** [425]. **Personal** [238, 287]. **Pesonen** [683]. **Peter** [64, 774, 237, 263]. **Peters** [42]. **Pfaffenberger** [684, 775]. **Phillips** [409]. **Physical** [772]. **Physicists** [213]. **piecewise** [479]. **Pielou** [82, 549]. **Planning** [145, 642, 109]. **Plans** [587, 55, 329]. **Plant** [17]. **Players** [80]. **Plots** [268, 873, 741, 868, 652, 859, 10, 95, 255]. **Plotting** [735, 400, 217, 51, 134, 135, 94, 270, 478]. **Pneumoconiosis** [429]. **Pocket** [768, 574]. **Point** [479, 631, 480, 787]. **Point-Process** [480]. **Points** [591, 465, 317, 725, 791]. **Poisson** [152, 755, 818, 225, 125]. **Police** [240]. **Policy** [708]. **Pollard** [284]. **Pollution** [514]. **Polly** [191]. **Polychoric** [592, 437]. **Polygonal** [793]. **Polynomial** [256, 356]. **Polynomials** [5, 115, 117, 495]. **population** [471, 472]. **Populations** [197, 88, 138, 218, 622, 353, 254, 275]. **Position** [367, 760, 440]. **positions** [478]. **Positive** [179, 867, 4, 791, 450]. **Possible** [598]. **Posterior** [526, 570]. **Potential** [811]. **Powell** [287]. **Power** [701, 715, 858, 571, 757, 508, 198, 194, 850]. **Practical** [801, 209, 43, 647, 365]. **Practice** [379, 542]. **Prais** [239]. **Pratt** [514]. **Pre** [149, 377]. **Pre-1968** [377]. **Pre-Computer** [149]. **Precipitation** [568]. **Precision** [100]. **Predictability** [277]. **Predicting** [307]. **Prediction** [576, 507]. **Predictive** [303]. **Preference** [506]. **Preferences** [603, 364]. **Preparation** [29]. **Present** [657]. **Preventive** [675]. **Price** [11]. **Prices** [277]. **Primer** [801]. **Principal** [175, 223, 567, 527, 552, 273]. **Principles** [159, 157, 44]. **Printing** [243]. **Probabilistic** [232]. **Probabilities** [318, 463, 883, 874, 851, 871, 245, 88, 138, 218, 622, 747, 314, 630, 629, 782, 878, 382, 783, 362]. **Probability** [735, 712, 400, 235, 374, 676, 180, 79, 829, 607, 568, 614, 285, 160, 865, 255, 478, 83, 704, 457]. **Probability-TIMS** [829]. **Probit** [185]. **Problem** [743, 778, 697, 572, 516, 786, 313, 72, 787]. **Problem-Solving** [516]. **Problems** [387, 98, 306, 558, 381, 870, 131, 731, 365, 514]. **Procedure** [499, 348, 724, 851, 871, 101, 749, 326, 137, 349, 815, 312]. **Procedures** [58, 529, 188, 558, 67, 381, 72]. **Process**

[259, 728, 758, 480, 579]. **Processing** [36]. **Prodan** [66]. **Product** [603, 140, 791, 364]. **Product-Moment** [140]. **Production** [263, 123]. **productivity** [102]. **Professional** [84]. **Prognosis** [376]. **Program** [12, 776, 38, 156, 433, 315, 451, 123, 252]. **Programmes** [408]. **Programming** [670, 61, 208, 241, 342, 227, 77, 63, 183, 548]. **Programs** [65, 737]. **Progressively** [357]. **Promotion** [663]. **Properties** [476, 60]. **Proportional** [625, 788]. **Proportions** [659]. **Prospectuses** [663]. **Pseudo** [518, 559, 745, 231, 404, 473]. **Pseudo-Random** [518, 559, 745, 231, 404, 473]. **Psi** [556]. **Psychology** [545, 27]. **Public** [708]. **Purchasing** [57]. **Purpose** [721].

Quadratic [586]. **Quality** [40, 640, 188, 460]. **Quantifying** [429]. **Quantitative** [208, 250, 613, 674]. **Quarterly** [281, 280]. **Quasi** [101]. **Quasi-Independence** [101]. **Quenouille** [703]. **Questionnaires** [147]. **Questions** [698]. **Queueing** [187, 709, 313]. **Quick** [571]. **quotient** [450].

R [64, 801, 803, 213, 371, 373, 25, 576, 682, 484, 836, 26, 454, 516, 341]. **R.** [580, 493, 87, 373, 576, 48, 545, 26, 641, 208, 410, 707, 20, 108, 287, 340, 550, 107, 683]. **R10** [347]. **R11** [348]. **R12** [386]. **R13** [417]. **R14** [498]. **R15** [499]. **R16** [522]. **R17** [558]. **R18** [559]. **R19** [589]. **R20** [592]. **R21** [593]. **R22** [622]. **R23** [652]. **R24** [745]. **R25** [746]. **R26** [747]. **R27** [748]. **R28** [749]. **R29** [781]. **R3** [93]. **R30** [844, 782]. **R31** [852]. **R32** [855]. **R33** [856]. **R34** [857]. **R35** [858]. **R36** [860]. **R37** [861]. **R38** [862]. **R39** [863]. **R4** [117]. **R40** [864]. **R41** [865]. **R42** [866]. **R44** [867]. **R46** [868]. **R48** [869]. **R49** [870]. **R5** [217]. **R52** [871]. **R53** [872]. **R54** [873]. **R55** [874]. **R56** [875]. **R6** [218]. **R68** [879]. **R7** [246]. **R70** [880]. **R72** [881]. **R79** [882]. **R8** [299]. **R80** [883]. **R81** [884]. **R82** [885]. **R83** [886, 887]. **R9** [319]. **Rade** [160]. **Radioimmunoassay** [635]. **Radiological** [429]. **Rainfall** [769]. **Ralston** [671]. **Random** [761, 762, 132, 755, 777, 841, 854, 871, 872, 518, 559, 713, 745, 793, 231, 739, 866, 818, 791, 404, 473, 336]. **Range** [712, 831, 865]. **Rank** [474, 432]. **Rank-Correlation** [474]. **Ranking** [30, 246, 204]. **Rankits** [650]. **Ranks** [121]. **Rates** [754, 663, 398, 276, 355]. **Ratio** [621, 886, 589, 296, 89, 887]. **Ratios** [673, 658]. **Rawstron** [184]. **Ray** [485]. **Re** [663]. **Re-Interpreting** [663]. **Reading** [513]. **Readings** [42]. **Real** [223, 517]. **Realistic** [492]. **Rebecca** [799]. **Recidivism** [634]. **Reconciliation** [240]. **Recorded** [566]. **Records** [18]. **Rectangular** [60]. **Recurrence** [152]. **Recursive** [558]. **Redpath** [287]. **Reduction** [543]. **Reduction-Analysis** [543]. **Reference** [635, 289, 263]. **Refinement** [176]. **Regarding** [222]. **Regional** [184]. **Regions** [753, 506]. **Registration** [224]. **Regression** [743, 746, 778, 839, 335, 307, 864, 153, 729, 59, 385, 879, 173, 817, 870, 606, 178, 599, 625, 809, 227, 170, 567, 588, 110, 256, 664, 394, 100, 350, 356, 479, 527, 392, 401, 797]. **Regressions** [156, 273]. **Regressor** [303]. **Regressors** [153]. **Reinke** [379]. **Rejection** [529]. **Relation** [152]. **Relations** [537, 260, 393]. **Relationship** [35, 572]. **relationships** [786]. **Reliability** [544, 568, 203, 278, 422]. **Remark** [746, 748, 592, 886, 860, 883, 864, 858, 348, 874, 875, 117, 589, 882, 873, 877, 884, 869, 863, 386, 558, 871, 872, 879, 857, 246, 867, 861, 862, 870, 868, 218, 622, 747, 749, 856, 880, 299, 745, 93, 319, 652, 217, 885, 876, 881, 417, 498, 593, 866, 782, 878, 522, 852, 855, 865, 887, 844, 746, 748, 592, 499, 860, 864, 858, 348, 874, 875, 117, 589, 882, 873, 884, 869, 863, 386, 558, 871,

872, 879, 857, 246, 867, 861, 862, 559, 870, 868, 218, 622, 747, 749, 856, 880, 299, 745, 93, 319]. **Remark** [652, 217, 885, 781, 347, 881, 417, 498, 593, 866, 782, 522, 852, 855, 865]. **Remarks** [321, 656, 781]. **Remington** [87]. **Repeat** [506, 265]. **Repeat-Buying** [265]. **Replacement** [405, 629]. **Replicated** [35, 792]. **replication** [200]. **Report** [575, 655, 666, 310, 128, 733, 369, 78]. **Representation** [727]. **Research** [234, 43, 813, 770, 375, 157, 379, 376, 546, 240, 263, 129, 28, 24, 646, 182]. **Residual** [280]. **Residuals** [557, 558, 817]. **respiration** [509]. **Response** [198, 181, 226]. **Results** [337, 365, 355]. **Review** [41, 761]. **Reviews** [47, 830, 292, 551, 761, 762, 132, 458, 234, 580, 827, 487, 111, 63, 211, 183, 64, 801, 40, 513, 640, 803, 799, 579, 548, 800, 129, 209, 43, 83, 213, 235, 371, 493, 835, 833, 612, 87, 373, 184, 796, 374, 679, 705, 130, 774, 776, 412, 133, 25, 703, 639, 28, 491, 576, 672, 673, 767, 188, 24, 682, 706, 644, 48, 708, 484, 545, 67, 27, 49, 106, 212, 407, 408, 647, 676, 670, 671, 770, 771, 802, 773, 772, 836, 26, 81, 375, 680, 681, 456, 542, 42, 65, 286, 207, 289]. **Reviews** [454, 582, 737, 828, 768, 191, 643, 372, 455, 837, 797, 704, 84, 646, 641, 547, 62, 82, 208, 159, 241, 342, 514, 410, 409, 616, 609, 707, 549, 829, 769, 544, 577, 185, 66, 86, 189, 678, 85, 187, 157, 379, 378, 376, 20, 23, 546, 190, 583, 578, 488, 642, 131, 614, 832, 109, 110, 239, 238, 290, 411, 677, 615, 46, 457, 541, 490, 285, 645, 108, 44, 584, 287, 738, 41, 380, 831, 516, 486, 539, 158, 291, 210, 160, 182, 265, 340, 543, 552, 610, 611, 739, 341, 550, 804, 540, 709, 262]. **Reviews** [264, 288, 492, 515, 740, 675, 459, 485, 834, 107, 237, 377, 186, 240, 581, 45, 105, 263, 683, 553, 489, 617, 613, 685, 674, 684, 775, 21, 22, 284, 460, 798, 266, 293, 236]. **Revised** [263]. **Revisited** [151]. **Reyment** [580]. **Rho** [463]. **Richard** [672, 673, 773]. **Riedel** [614]. **Riposte** [449]. **Risk** [683]. **Road** [224]. **Roads** [15]. **Robert** [799, 612, 67, 676, 158, 540, 492]. **Robust** [718]. **Robustness** [261, 421]. **Roessler** [285]. **Roger** [380, 684, 775]. **Rohlf** [373]. **Role** [656]. **Romano** [804]. **Romeder** [408]. **Rooms** [528]. **Root** [151, 383]. **Roots** [267, 320, 258]. **Rothamsted** [252]. **Routines** [156]. **Row** [841, 397]. **Row-and-column** [397]. **Rowe** [644]. **Roy** [111]. **Rules** [823]. **Runs** [50, 522]. **Runyon** [672, 673, 773]. **Russian** [236]. **Russian-English** [236]. **Russian-English/English-Russian** [236]. **Ruth** [376]. **RV** [532]. **RV-** [532].

S [458, 835, 491, 24, 671, 42, 62, 616, 110, 239, 265, 543, 540]. **S.** [551, 800, 771, 26, 643, 239, 287]. **Sabine** [66]. **Salaries** [292, 266, 293]. **Sales** [835]. **Sample** [405, 466, 114, 534, 306, 52, 61, 616, 816, 140, 69, 710, 99, 550, 329]. **Samples** [177, 357, 602, 780, 171, 331]. **Sampling** [58, 40, 640, 269, 52, 609, 587, 314, 614, 13, 55, 738, 340, 629, 328, 329, 471, 275]. **Samuel** [209, 62, 236]. **Satellite** [103]. **Scale** [458, 496, 38, 816, 347, 10, 95]. **Scales** [764]. **Scaling** [497]. **Scatter** [873, 741, 868, 347, 134, 859]. **Scheer** [644]. **Scheme** [328]. **Schemes** [201]. **Schmidt** [136, 385]. **Schork** [87]. **Schucany** [341]. **Science** [644, 159, 804, 288, 235]. **Sciences** [487, 833, 772, 829, 799, 87, 67, 643, 544, 490, 645, 515, 798]. **Scientific** [768, 609, 182, 264, 291]. **Scientists** [488, 540]. **Scores** [202]. **scoring** [401]. **Scott** [831]. **Screening** [477]. **Search** [91]. **Seasonal** [604, 325]. **Seasonality** [535]. **Second** [253, 291]. **Second-Order** [253]. **Security** [16]. **Segmentation** [410]. **SELECT** [156]. **Selected** [67]. **Selection** [59, 636, 482, 668, 567, 723, 627, 10, 95, 22, 585, 353]. **Selections** [347]. **Self** [513]. **Self-Learning** [513]. **Sellekaerts** [553]. **Seltzer** [455]. **Semi** [867, 4]. **Semi-Definite** [867, 4]. **Sequence** [162, 163]. **Sequences**

[476, 769]. **Sequential** [52, 587, 70, 314, 583, 13, 756, 629]. **Series** [830, 700, 118, 97, 542, 65, 170, 853, 849, 431, 608, 510, 611, 531, 452, 505, 401, 456, 291]. **Service** [284, 313]. **Services** [378]. **Sets** [884, 742]. **Several** [197, 602, 260, 393]. **Severity** [34]. **Shape** [573, 816, 120, 336]. **Shapiro** [62]. **Sharpe** [241, 342]. **Sheffield** [655]. **Shell** [56]. **Shift** [631]. **Shooting** [202]. **Short** [630]. **Short-Term** [630]. **Sickness** [282, 325]. **Sided** [621, 464, 688, 860, 710, 275]. **Sidney** [513, 27]. **Sign** [435]. **Significance** [839, 536, 153, 582, 423, 242, 225, 366]. **Silvey** [551]. **Simple** [743, 405, 637, 822, 734, 232, 101, 429, 853, 849, 497, 427]. **Simplex** [499, 348, 749, 137, 349]. **Simplified** [328]. **Simulating** [462, 780]. **Simulation** [790, 126, 447, 200, 824, 533, 355]. **Simulations** [765]. **Simultaneous** [101, 506, 815]. **Single** [555, 816, 102]. **singular** [527]. **Six** [268, 652]. **Six-Line** [268, 652]. **Size** [466, 534, 52, 550, 329]. **Sizes** [259, 69, 710]. **Skeletal** [576]. **Skewness** [434]. **Slater** [776]. **Slope** [14]. **Small** [202, 39, 142, 177, 626, 527, 331]. **Small-Bore** [202]. **Smith** [768]. **Smoothing** [345, 861]. **Snedecor** [262]. **Social** [487, 129, 184, 142, 644, 643, 642, 740, 240, 798]. **Sociological** [13]. **Sociology** [111]. **Software** [644, 278]. **Sokal** [373]. **Solving** [131, 516]. **Som** [340]. **Some** [330, 822, 656, 72, 337, 606, 442, 406, 60, 99, 71, 444]. **Somesh** [372]. **Source** [458]. **Sources** [679, 190, 552, 366]. **Space** [316]. **Space-Time** [316]. **Spanning** [104, 113]. **Sparse** [753, 558, 381, 651]. **Spatial** [637, 412, 780]. **Spearman** [463, 820]. **Special** [292, 289, 263, 266, 293]. **Specification** [430]. **Spectral** [752, 518, 559, 327, 745, 447]. **Spectrum** [345, 861]. **Speed** [15]. **Spherical** [170, 413, 626]. **Spurious** [696]. **Spurr** [489]. **Square** [307, 151, 303, 507]. **Squared** [725, 786]. **Squares** [558, 178, 757, 206, 19, 359, 172]. **Squeeze** [536]. **Stabilizing** [125]. **Stable** [403]. **stage** [275]. **Stahl** [513]. **Stand** [753]. **Standard** [648, 794]. **Stark** [238]. **stations** [199]. **Statistic** [153, 39, 269, 494, 734, 851, 871, 216, 602, 394, 383, 786, 341]. **Statistical** [565, 268, 8, 387, 468, 500, 560, 594, 845, 843, 844, 743, 746, 778, 777, 618, 690, 555, 619, 621, 712, 748, 839, 592, 591, 840, 496, 499, 556, 886, 318, 463, 465, 68, 640, 464, 688, 860, 841, 883, 689, 466, 648, 435, 864, 715, 858, 348, 222, 874, 875, 114, 136, 9, 53, 115, 117, 589, 882, 205, 854, 714, 873, 877, 884, 269, 494, 869, 50, 28, 188, 863, 706, 385, 386, 557, 558, 851, 871, 872, 879, 857, 30, 245, 246, 842, 867, 345, 861, 862, 27, 90, 91, 381, 462]. **Statistical** [741, 76, 518, 559, 75, 212, 384, 415, 467, 870, 676, 671, 836, 193, 243, 521, 868, 443, 391, 779, 344, 713, 52, 128, 88, 92, 138, 218, 298, 334, 519, 520, 622, 747, 749, 856, 880, 372, 299, 745, 62, 514, 93, 409, 616, 794, 707, 809, 319, 758, 18, 32, 711, 849, 620, 651, 742, 69, 587, 652, 86, 428, 295, 296, 413, 414, 434, 436, 437, 70, 495, 314, 416, 517, 649, 217, 554, 588, 710, 77, 74, 433, 497, 137, 349, 216, 317, 808, 677, 215, 885, 242, 162, 163, 316, 781, 44, 526, 876]. **Statistical** [780, 532, 113, 297, 347, 686, 346, 687, 41, 881, 586, 214, 120, 51, 134, 135, 94, 244, 267, 270, 320, 417, 543, 194, 498, 590, 540, 859, 264, 7, 593, 866, 31, 288, 515, 10, 95, 89, 164, 782, 878, 485, 834, 237, 383, 186, 45, 263, 489, 617, 684, 775, 522, 22, 585, 650, 798, 236, 806, 807, 852, 855, 315, 116, 139, 382, 783, 744, 865, 78, 814, 444, 292, 551, 705, 262, 266, 293]. **Statisticians** [454, 85, 485]. **Statistics** [47, 321, 387, 468, 400, 513, 803, 129, 43, 83, 213, 235, 87, 796, 656, 714, 639, 491, 672, 673, 682, 48, 708, 655, 632, 545, 67, 49, 741, 647, 773, 772, 81, 704, 641, 474, 413, 414, 583, 131, 615, 46, 285, 516, 881, 804, 733,

740, 240, 284, 442, 824, 398, 23, 827, 371, 493, 679, 133, 42, 286, 837, 577, 20, 190, 108, 380, 210, 160, 617, 460]. **Step** [307]. **Stephen** [516]. **Stimson** [376]. **Stochastic** [603, 769, 181, 406, 303, 480, 683, 199, 364]. **Stock** [277]. **Stone** [107]. **Stop** [697]. **Straight** [35, 781, 346, 498, 590]. **Strata** [61]. **Strategies** [487, 22]. **Strategy** [232]. **Stratification** [257, 449, 448]. **stratified** [471]. **Strike** [730]. **Strong** [710]. **Structural** [661, 409]. **Structure** [885, 297, 422]. **Structured** [884, 742]. **Structures** [75, 32, 680]. **Stuart** [609, 488]. **Student** [427, 31]. **Students** [545, 740]. **Studies** [184, 309, 36, 829, 120, 275, 789, 639, 109, 46]. **Study** [811, 721, 126, 821, 566, 447]. **Styan** [372]. **Subject** [720]. **Subjective** [529, 568, 630]. **Subroutine** [339]. **subroutines** [258]. **Subset** [91, 156, 726, 72]. **substitution** [123]. **Successive** [58]. **sufficient** [511]. **Sum** [746, 879, 588]. **Summary** [666, 455, 733, 369]. **Sums** [55, 194]. **Supplement** [65]. **supplementary** [448]. **Supplies** [598]. **Supply** [16]. **Surface** [226]. **Surfaces** [198]. **Survey** [813, 148, 337, 680, 681, 144, 326, 616, 149, 566, 147, 99, 252, 834]. **Surveys** [145, 13, 287, 171, 252, 84]. **Survival** [862, 37, 625, 711, 544, 230]. **Susan** [262]. **Swedish** [292, 266, 293]. **Swenson** [458]. **Swindle** [279]. **swindles** [533]. **Symbolic** [283]. **Symmetric** [748, 864, 386, 867, 90, 4, 3, 809, 267, 320, 403]. **Symposia** [103]. **Symposium** [207]. **Synergism** [538]. **System** [76, 18, 16, 203, 530]. **Systemic** [819]. **Systems** [211, 528, 819, 291, 709, 459, 327, 422, 802]. **Szmidt** [705].

T [209, 771, 645, 584, 377]. **T.** [132, 705, 737, 372, 769, 108, 262, 683]. **Table** [621, 89, 815]. **Tables** [761, 618, 690, 592, 841, 39, 877, 857, 101, 193, 243, 521, 253, 85, 437, 739, 820, 798, 403, 366, 477, 395, 359, 762, 454, 800]. **Tabulated** [832]. **Tabulating** [884, 651, 742]. **Tail** [318, 463, 851, 871]. **Tailed** [760, 474]. **Tanis** [676]. **Tanner** [576]. **Tau** [318]. **Taylor** [401]. **Teach** [24]. **Teaching** [705, 160]. **Technique** [567, 13]. **Techniques** [183, 28, 289, 643, 227, 99, 340, 44, 738, 459]. **Technological** [28]. **Technology** [796]. **Telephones** [302]. **Teletypewriter** [255]. **Temperature** [568, 199]. **temperatures** [509]. **tended** [102]. **Tennis** [232]. **Term** [630, 358]. **Termination** [730]. **Terms** [663, 600, 236]. **Territories** [601, 825]. **Terry** [226]. **Test** [426, 435, 701, 715, 858, 538, 50, 518, 559, 101, 745, 421, 316, 756, 504, 225, 522, 815, 850, 396, 276]. **Testing** [153, 764, 603, 506, 423, 242, 602, 260, 393, 364]. **Tests** [839, 637, 536, 148, 631, 757, 816, 535, 390, 765, 657, 164, 442, 794, 582]. **Tetrachoric** [648]. **Text** [516]. **Textile** [728]. **Thad** [682]. **Them** [260, 393]. **Theoretical** [431, 608]. **Theories** [487]. **Theory** [374, 542, 616, 584, 265, 683, 553, 189, 678, 187]. **Theory-Essays** [553]. **Thinking** [409]. **Thomas** [802, 614, 238, 540]. **Thought** [207]. **Three** [253]. **Three-Way** [253]. **Thunderstorm** [179]. **Ties** [204]. **Time** [830, 700, 118, 97, 764, 542, 631, 431, 608, 316, 510, 531, 695, 786, 452, 505, 327, 611, 456]. **time-dependent** [695]. **Time-Series** [118, 456]. **Times** [697, 534, 761, 762, 739]. **TIMS** [829]. **Tinbergen** [553]. **Today** [337]. **Tolerance** [466, 710, 275]. **Tool** [532]. **Totals** [841]. **Town** [145]. **Town-Planning** [145]. **toxicological** [789]. **Traffic** [98, 224, 311, 15]. **Transfer** [619]. **Transform** [345, 861, 416, 517, 649]. **Transformation** [453, 571, 151, 231, 125, 404]. **Transformations**

[604, 869, 520, 856, 198, 354]. **Transient** [752]. **Transition** [79, 362]. **Transmission** [16]. **Transposing** [32]. **Trapezium** [823]. **Traversed** [228]. **Treatment** [305, 377, 789]. **Tree** [113]. **Trees** [104]. **tri** [370]. **tri-variate** [370]. **Triangular** [748, 386, 867, 3]. **Trigamma** [687]. **Trimming** [718, 719]. **Truncated** [152, 127, 634, 315, 274]. **Trunk** [15]. **Tukey** [767, 797]. **TW2** [576]. **Two** [565, 699, 58, 618, 690, 621, 332, 701, 715, 858, 538, 877, 306, 857, 636, 482, 668, 80, 474, 535, 723, 710, 570, 686, 275, 225, 164, 366, 850, 395, 200, 358, 814]. **Two-Factor** [332, 200]. **Two-Group** [723]. **Two-Hit** [164]. **Two-Level** [636, 482, 668]. **two-parameter** [358]. **Two-Sample** [306]. **Two-Sided** [621, 710, 275]. **two-stage** [275]. **Two-Tailed** [474]. **two-term** [358]. **Two-Way** [618, 690, 877, 570, 686, 857, 366, 395]. **Typescript** [29].

U [287, 375]. **U-Boat** [375]. **U.K.** [280, 662]. **Ullman** [803]. **Ultra** [661]. **Ultra-Structural** [661]. **Ultrametric** [555]. **Unbalanced** [599, 570, 686, 451]. **Unbiased** [152]. **Uncertainties** [178]. **Uncertainty** [457, 162]. **Unconfirmed** [530]. **Unconstrained** [879]. **Underestimation** [14]. **Understanding** [513]. **Unequal** [332, 629]. **Uniform** [56, 793]. **Unifying** [532]. **unit** [362]. **United** [238, 290, 642]. **Units** [174]. **University** [411]. **Unknown** [631, 816]. **Updating** [114, 113, 530]. **Upper** [318, 463]. **Upton** [832]. **Ursula** [685]. **Use** [179, 153, 5, 115, 117, 59, 528, 257, 144, 85, 574, 54, 504, 308, 448, 795]. **Useful** [883, 874, 747, 782, 878, 382, 783]. **Uses** [577]. **Using** [499, 307, 754, 749, 61, 241, 231, 137, 602, 226, 459, 530, 634, 348, 404, 442, 342, 349].

V [800, 676, 207]. **V.** [541, 515]. **Value** [743, 527]. **Values** [435, 115, 424, 481, 756, 396, 312, 172]. **Variability** [821]. **Variable** [259, 464, 306, 92, 758, 567, 116, 139]. **Variables** [755, 777, 573, 309, 59, 854, 884, 871, 872, 569, 175, 223, 742, 723, 627, 303, 586, 225, 786, 818, 791, 336]. **Variance** [152, 141, 38, 635, 344, 631, 628, 510, 125, 531, 283, 451, 363, 172]. **Variance-Stabilizing** [125]. **Variate** [229, 822, 214, 125, 370]. **Variates** [132]. **Variations** [184, 282, 325, 199]. **Vectors** [344, 267, 320, 258]. **Venkatesan** [182]. **Verbal** [528]. **Verbal-Call** [528]. **Vetting** [147]. **via** [345, 861]. **Virgil** [492]. **Virginia** [544]. **vital** [398]. **Vol** [234, 680, 681]. **Volume** [33, 96, 168, 249, 324, 420, 503, 597, 693, 848, 829, 709]. **vs** [164]. **Vulcanism** [626].

W [830, 235, 833, 133, 767, 372, 837, 797, 514, 189, 490, 108, 262, 264, 237, 798]. **W.** [640, 28, 576, 770, 42, 65, 410, 379, 738, 341, 834, 674]. **Waddington** [375]. **Wagner** [159, 157]. **Waiting** [528]. **Wald** [14]. **Wald-Bartlett** [14]. **Walpole** [20]. **Walter** [109, 377]. **War** [375]. **Wards** [449]. **Warwick** [369]. **Wasserman** [827]. **Water** [598]. **Waterfowl** [99]. **Watson** [209, 851, 871]. **Watson-Gandy** [209]. **Way** [618, 690, 877, 253, 570, 686, 366, 857, 395]. **Wayne** [833, 837, 490]. **weather** [199]. **Weight** [638, 763]. **Weighted** [558, 381]. **Weights** [688, 860, 537]. **Wendell** [458]. **Wertz** [834]. **Wetherill** [40, 583, 41]. **Wheeler** [541]. **which** [313]. **White** [63, 579]. **Whitehouse** [576, 459]. **Whitmore** [827]. **Whitney** [269, 216]. **Wilf** [671]. **William** [827, 235, 708, 455, 241, 342, 489]. **Williamson** [24]. **Willy** [553]. **Wind** [410]. **Winding** [728]. **Winds** [304]. **Winning** [673]. **Winsorized** [124]. **Winter** [34]. **Winters** [724]. **Wishart** [214]. **Wit** [563].

Without [405, 200, 629]. **Wood** [612]. **Wording** [698]. **Work** [737, 78]. **Workbook** [188]. **Working** [433, 78]. **World** [375].

Y. [410, 798]. **Yannoulis** [798]. **Yield** [17]. **Yourself** [24].

Z. [798]. **Zonal** [495].

References

Cooper:1968:AAA

[1] B. E. Cooper. Algorithms: Algorithm AS 4: An auxiliary function for distribution integrals. *Applied Statistics*, 17(2): 190–192, June 1968. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/4`. See remarks [299].

Cooper:1968:AAIb

[2] B. E. Cooper. Algorithms: Algorithm AS 5: The integral of the non-central t-distribution. *Applied Statistics*, 17 (2):193–194, June 1968. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/5`. See remarks [1, 299, 875].

Healy:1968:AAT

[3] M. J. R. Healy. Algorithms: Algorithm AS 6: Triangular decomposition of a symmetric matrix. *Applied Statistics*, 17 (2):195–197, June 1968. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/6`. See corrigendum [8] and remark [386, 867, 748].

Healy:1968:AAI

[4] M. J. R. Healy. Algorithms: Algorithm AS 7: Inversion of a positive semi-definite symmetric matrix. *Applied Statistics*, 17(2):198–199, June 1968. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/7`. See corrigendum [8] and remark [867].

Cooper:1968:AAU

[5] B. E. Cooper. Algorithms: Algorithm AS 10: The use of orthogonal polynomials. *Applied Statistics*, 17(3):283–287, September 1968. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/10`. See remarks [93, 117].

Swan:1969:CML

[6] A. V. Swan. Computing maximum-likelihood estimates for parameters of the normal distribution from grouped and censored data. *Applied Statistics*, 18(1):65–69, 1969. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See corrigendum [333].

Swan:1969:SAAa

[7] A. V. Swan. Statistical algorithms: Algorithm AS 16: Maximum likelihood estimation from grouped and censored normal data. *Applied Statistics*, 18(1): 110–114, March 1969. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/16`. See remarks [880, 593].

Anonymous:1969:SAA

[8] Anonymous. Statistical algorithms: Algorithms AS 6 and AS 7: Corrigenda.

Applied Statistics, 18(1):118, 1969. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [3, 4, 386, 748].

Cooper:1969:SAAb

[9] B. E. Cooper. Statistical algorithms: Algorithm AS 4: An auxiliary function for distribution integrals: Corrigenda. *Applied Statistics*, 18(1):118, 1969. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/4`. See corrigendum [53].

Thayer:1969:SAA

[10] R. P. Thayer and R. F. Storer. Statistical algorithms: Algorithm AS 21: Scale selection for computer plots. *Applied Statistics*, 18(2):206–208, June 1969. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/21`. See corrigenda [95] and remark [347].

Tipping:1970:PCI

[11] D. G. Tipping. Price changes and income distribution. *Applied Statistics*, 19(1):1–17, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anderson:1970:MAC

[12] A. J. B. Anderson and Bridget I. Lowe. A multivariate analysis computer program. *Applied Statistics*, 19(1):18–26, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Peel:1970:SST

[13] J. Peel and G. E. Skipworth. Sequential sampling as a technique in sociological surveys. *Applied Statistics*, 19(1):27–33, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Carter:1970:UEW

[14] L. F. Carter and H. M. Blalock. Underestimation of error in Wald-Bartlett slope estimation. *Applied Statistics*, 19 (1):34–41, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wabe:1970:CST

[15] J. S. Wabe. Congestion and the speed of traffic on trunk roads. *Applied Statistics*, 19(1):42–49, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lyness:1970:SSG

[16] F. K. Lyness. Security of supply in a gas-transmission system. *Applied Statistics*, 19(1):50–63, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mead:1970:PDC

[17] R. Mead. Plant density and crop yield. *Applied Statistics*, 19(1):64–81, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kronmal:1970:MCS

[18] R. A. Kronmal, Linda Bender, and J. Mortensen. Miscellanea: A conversational statistical system for medical records. *Applied Statistics*, 19(1):82–92, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Oliver:1970:MEE

[19] F. R. Oliver. Miscellanea: Estimating the exponential growth function by di-

rect least squares. *Applied Statistics*, 19 (1):92–100, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Machin:1970:BRI

[20] D. Machin. Book reviews: *Introduction to Statistics*, by R. E. Walpole. *Applied Statistics*, 19(1):101, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Welford:1970:BRM

[21] B. P. Welford. Book reviews: *Mathematical Model Building in Economics and Industry*. *Applied Statistics*, 19(1):102, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Welford:1970:BRS

[22] B. P. Welford. Book reviews: *Statistical Selection of Business Strategies*, by J. Forester. *Applied Statistics*, 19(1):103, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Machin:1970:BRS

[23] D. Machin. Book reviews: Statistics for Mathematicians — An Introduction, by D. J. Finney. *Applied Statistics*, 19(1):104, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Evans:1970:BRT

[24] I. G. Evans. Book reviews: *Teach Yourself Operational Research*, by M. S. Makower and E. Williamson. *Applied Statistics*, 19(1):104–105, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Davies:1970:BRE

[25] Paul Davies. Book reviews: *Evolutionary Operation*, by George E. P. Box and Norman R. Draper. *Applied Statistics*, 19(1):105–106, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Griffiths:1970:BRE

[26] J. D. Griffiths. Book reviews: *Exercises in Industrial Management*, by S. Eilon, R. I. Hall and J. R. King. *Applied Statistics*, 19(1):106, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gales:1970:BRI

[27] Kathleen Gales. Book reviews: *Introduction to Statistical Analysis and Inference for Psychology and Education*, by Sidney J. Armore. *Applied Statistics*, 19(1):107, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Draper:1970:BRS

[28] Norman R. Draper. Book reviews: *Statistical Techniques in Technological Research*, by W. E. Duckworth. *Applied Statistics*, 19(1):107–109, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1970:PTA

[29] Anonymous. Preparation of typescript for algorithm descriptions. *Applied Statistics*, 19(1):110, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Freeman:1970:SAA

[30] P. R. Freeman. Statistical algorithms: Algorithm AS 26: Ranking an array of

numbers. *Applied Statistics*, 19(1):111–113, March 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/26`. See remark [246].

Taylor:1970:SAA

[31] G. A. R. Taylor. Statistical algorithms: Algorithm AS 27: The integral of Student's t-distribution. *Applied Statistics*, 19(1):113–114, March 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/27`.

Krzanowski:1970:SAA

[32] W. J. Krzanowski. Statistical algorithms: Algorithm AS 28: Transposing multiway structures. *Applied Statistics*, 19(1):115–118, March 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/28`.

Anonymous:1970:VIP

[33] Anonymous. Volume information. *Applied Statistics*, 19(1):[3], 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lyness:1970:MWS

[34] F. K. Lyness and E. H. M. Badger. A measure of winter severity. *Applied Statistics*, 19(2):119–134, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Barnett:1970:FSL

[35] V. D. Barnett. Fitting straight lines-the linear functional relationship with replicated observations. *Applied Statistics*, 19(2):135–144, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Goldstein:1970:DPL

[36] H. Goldstein. Data processing for longitudinal studies. *Applied Statistics*, 19 (2):145–151, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Garg:1970:MLE

[37] Mohan L. Garg, B. Raja Rao, and Carol K. Redmond. Maximum-likelihood estimation of the parameters of the Gompertz survival function. *Applied Statistics*, 19(2):152–159, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cunningham:1970:PLS

[38] E. P. Cunningham. A program for large-scale non-orthogonal analysis of variance and covariance. *Applied Statistics*, 19 (2):160–172, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Craddock:1970:MDS

[39] J. M. Craddock and C. R. Flood. Miscellanea: The distribution of the χ^2 statistic in small contingency tables. *Applied Statistics*, 19(2):173–181, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bissell:1970:BRS

[40] A. F. Bissell. Book reviews: *Sampling Inspection and Quality Control*, by G. Barrie Wetherill. *Applied Statistics*, 19(2):182, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scott:1970:BRR

[41] J. F. Scott. Book reviews: *Review of Elementary Statistical Methods*, by G. Barrie Wetherill. *Applied Statistics*, 19(2):183, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Henshaw:1970:BRR

[42] W. C. Henshaw. Book reviews: *Readings in Applied Statistics*, by W. S. Peters. *Applied Statistics*, 19(2):183–184, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chapas:1970:BRB

[43] L. C. Chapas. Book reviews: *Biological Research Method: Practical Statistics for Non-Mathematicians*, by H. H. Holman. *Applied Statistics*, 19(2):184–185, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Quenouille:1970:BRP

[44] M. H. Quenouille. Book reviews: *Principles of Statistical Techniques*, by P. G. Moore. *Applied Statistics*, 19(2):185, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ward:1970:BRI

[45] Denis H. Ward. Book reviews: *Introduction to Applied Statistical Analysis*, by H. P. Hartkemeier. *Applied Statistics*, 19(2):186, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Page:1970:BRA

[46] D. J. Page. Book reviews: *Applied Statistics for Management Studies*, by D. Croft. *Applied Statistics*, 19(2): 186–187, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Allum:1970:BRS

[47] W. J. Allum. Book reviews: *Statistics in the Computer Age*, by J. M. Craddock. *Applied Statistics*, 19(2):187–188, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ferres:1970:BRS

[48] H. M. Ferres. Book reviews: *Statistics for Biologists*, by R. C. Campbell. *Applied Statistics*, 19(2):188, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Garreau:1970:BRS

[49] G. A. Garreau. Book reviews: *Statistics for Experimentalists*, by B. E. Cooper. *Applied Statistics*, 19(2):189, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Downham:1970:SAA

[50] D. Y. Downham. Statistical algorithms: Algorithm AS 29: The runs up and down test. *Applied Statistics*, 19(2): 190–192, June 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/29`. See [522].

Sparks:1970:SAA

[51] D. N. Sparks. Statistical algorithms: Algorithm AS 30: Half normal plotting. *Applied Statistics*, 19(2):192–196, June 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/30`. See corrigenda [94, 217].

Hill:1970:SAA

[52] I. D. Hill. Statistical algorithms: Algorithm AS 31: Operating characteristic and average sample size for binomial sequential sampling. *Applied Statistics*, 19 (2):197–203, June 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/31`.

Cooper:1970:SAC

[53] B. E. Cooper. Statistical algorithms: Corrigendum: Algorithm AS 4: An auxiliary function for distribution integrals. *Applied Statistics*, 19(2):204, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/4`. See [9].

Ross:1970:EUF

[54] G. J. S. Ross. The efficient use of function minimization in non-linear maximum-likelihood estimation. *Applied Statistics*, 19(3):205–221, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prairie:1970:CSP

[55] Richard R. Prairie and William J. Zimmer. Continuous sampling plans based on cumulative sums. *Applied Statistics*, 19(3):222–230, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Doehlert:1970:USD

[56] David H. Doehlert. Uniform shell designs. *Applied Statistics*, 19(3):231–239, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1970:BBM

[57] C. Chatfield and G. J. Goodhardt. The beta-binomial model for consumer purchasing behaviour. *Applied Statistics*, 19 (3):240–250, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Avadhani:1970:CTS

[58] M. S. Avadhani and B. V. Sukhatme. A comparison of two sampling procedures with an application to successive sampling. *Applied Statistics*, 19(3):251–259, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Daling:1970:UOF

[59] Janet R. Daling and H. Tamura. Use of orthogonal factors for selection of variables in a regression equation — an illustration. *Applied Statistics*, 19 (3):260–268, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Oliver:1970:MSA

[60] F. R. Oliver. Miscellanea: Some asymptotic properties of Colquhoun's estimators for a rectangular hyperbola. *Applied Statistics*, 19(3):269–273, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Huddleston:1970:MOS

[61] H. F. Huddleston, P. L. Claypool, and R. R. Hocking. Miscellanea: Optimal sample allocation to strata using convex programming. *Applied Statistics*, 19 (3):273–278, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1970:BRS

[62] J. N. R. Jeffers. Book reviews: *Statistical Methods in Engineering*, by Gerald J. Hahn and Samuel S. Shapiro. *Applied Statistics*, 19(3):279, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Beale:1970:BRD

[63] E. M. L. Beale. Book reviews: *Dynamic Programming*, by D. J. White. *Applied Statistics*, 19(3):280–281, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Benjamin:1970:BRD

[64] Bernard Benjamin. Book reviews: *Demography. 4th Edition*, by Peter R. Cox. *Applied Statistics*, 19(3):281–282, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Herne:1970:BRB

[65] H. Herne. Book reviews: *Biomedical Computer Programs. X-Series Supplement*, by W. J. Dixon. *Applied Statistics*, 19(3):282–283, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindley:1970:BRF

[66] D. K. Lindley. Book reviews: *Forest Biometrics*, by Michail Prodan and Sabine H. Gardiner. *Applied Statistics*, 19(3):283, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Freeman:1970:BRI

[67] P. R. Freeman. Book reviews: *Introduction to Statistics: Selected Procedures for the Behavioural Sciences*, by Robert Fried. *Applied Statistics*, 19(3):284, 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bhattacharjee:1970:SAA

[68] G. P. Bhattacharjee. Statistical algorithms: Algorithm AS 32: The incomplete gamma integral. *Applied Statistics*, 19(3):285–287, September 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/32`. See remark [876, 882].

Leech:1970:SAA

[69] F. B. Leech. Statistical algorithms: Algorithm AS 33: Calculation of hypergeometric sample sizes. *Applied Statistics*, 19(3):287–289, September 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/33`.

McGilchrist:1970:SAA

[70] C. A. McGilchrist. Statistical algorithms: Algorithm AS 34: Sequential inversion of band matrices. *Applied Statistics*, 19(3):290–292, September 1970. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/34`.

Box:1971:PEC

[71] M. J. Box. A parameter estimation criterion for multiresponse models applicable when some observations are missing. *Applied Statistics*, 20(1):1–7, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Garside:1971:SCP

[72] M. J. Garside. Some computational procedures for the best subset problem. *Applied Statistics*, 20(1):8–15, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Quenouille:1971:PCD

[73] M. H. Quenouille and J. A. John. Paired comparison designs for 2^n factorials. *Applied Statistics*, 20(1):16–24, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1971:SCS

[74] J. A. Nelder. Statistical computing 1970: Statistical computing and computer languages. *Applied Statistics*, 20(1):25–32, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1971:SCI

[75] J. C. Gower and I. D. Hill. Statistical computing 1970: Internal data structures. *Applied Statistics*, 20(1):32–45, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Godfrey:1971:SCO

[76] Michael D. Godfrey. Statistical computing 1970: Operating system considerations for statistical computing. *Applied Statistics*, 20(1):45–56, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1971:SCI

[77] J. A. Nelder and B. E. Cooper. Statistical computing 1970: Input/output in statistical programming. *Applied Statistics*, 20(1):56–73, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

vanReeken:1971:SCR

[78] A. J. van Reeken. Statistical computing 1970: Report on the Work of the Dutch Working Party on Statistical Computing. *Applied Statistics*, 20(1):73–79, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hilton:1971:MAD

[79] Gordon Hilton. Miscellanea: An algorithm for detecting differences between transition probability matrices. *Applied Statistics*, 20(1):80–86, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hsi:1971:MGT

[80] B. P. Hsi and D. M. Burych. Miscellanea: Games of two players. *Applied Statistics*, 20(1):86–92, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gulliver:1971:BRA

[81] S. Gulliver. Book reviews: *Abstract of Statistics 1968–69 for the City of Birmingham*, by Alan B. Neale and Gillian Haine. *Applied Statistics*, 20(1):93, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1971:BRI

[82] J. N. R. Jeffers. Book reviews: *An Introduction to Mathematical Ecology*, by E. C. Pielou. *Applied Statistics*, 20(1):93–94, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1971:BRS

[83] C. Chatfield. Book reviews: *Statistics and Probability*, by J. H. Durran. *Applied Statistics*, 20(1):94–95, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Holmes:1971:BRP

[84] C. Holmes. Book reviews: *Professional Mail Surveys*, by Paul L. Erdos. *Applied Statistics*, 20(1):95–96, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Luckman:1971:BRA

[85] J. Luckman. Book reviews: *Abridged Tables for Use of Examination Candidates*, by The Institute of Statisticians. *Applied Statistics*, 20(1):96, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindley:1971:BRO

[86] D. V. Lindley. Book reviews: *Optimal Statistical Decisions*, by Morris de Groot. *Applied Statistics*, 20(1):97, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Clarke:1971:BRS

[87] G. M. Clarke. Book reviews: *Statistics, With Applications to the Biological and Health Sciences*, by R. D. Remington and M. A. Schork. *Applied Statistics*, 20(1):97–98, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1971:SAAa

[88] I. D. Hill and Richard Peto. Statistical algorithms: Algorithm AS 35: Probabilities derived from finite populations. *Applied Statistics*, 20(1):99–105, March 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/35`. See corrigenda [138, 218] and remark [622].

Thomas:1971:SAA

[89] Donald G. Thomas. Statistical algorithms: Algorithm AS 36: Exact confidence limits for the odds ratio in a 2×2 table. *Applied Statistics*, 20(1):105–110, March 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/36`.

Garside:1971:SAAa

[90] M. J. Garside. Statistical algorithms: Algorithm AS 37: Inversion of a symmetric matrix. *Applied Statistics*, 20 (1):111–112, March 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/37`. See remark [319].

Garside:1971:SAAb

[91] M. J. Garside. Statistical algorithms: Algorithm AS 38: Best subset search. *Applied Statistics*, 20(1):112–115, March 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/38`.

Hill:1971:SAAb

[92] I. D. Hill. Statistical algorithms: Algorithm AS 39: Arrays with a variable number of dimensions. *Applied Statistics*, 20(1):115–117, March 1971. CODEN APSTAG. ISSN 0035-9254 (print),

1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/39`.

Jennrich:1971:SAR

[93] R. I. Jennrich and P. I. Sampson. Statistical algorithms: Remark AS R3: A remark on Algorithm AS 10. *Applied Statistics*, 20(1):117–118, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/10`. See [5, 117].

Sparks:1971:SAC

[94] D. N. Sparks. Statistical algorithms: Corrigenda: Algorithm AS 30: Half normal plotting. *Applied Statistics*, 20(1):118, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/30`. See [51, 217].

Thayer:1971:SAC

[95] R. P. Thayer and R. F. Storer. Statistical algorithms: Corrigenda: Algorithm AS 21: Scale selection for computer plots. *Applied Statistics*, 20(1):118, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/21`. See [10, 347].

Anonymous:1971:VIP

[96] Anonymous. Volume information. *Applied Statistics*, 20(1):[3], 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cohen:1971:AAD

[97] Kalman J. Cohen, Wolfgang Muller, and Manfred W. Padberg. Autoregressive approaches to disaggregation of time series data. *Applied Statistics*, 20 (2):119–129, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ashton:1971:GAP

[98] Winifred D. Ashton. Gap-acceptance problems at a traffic intersection. *Applied Statistics*, 20(2):130–138, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sen:1971:SRD

[99] A. R. Sen. Some recent developments in waterfowl sample survey techniques. *Applied Statistics*, 20(2):139–147, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Warren:1971:CRB

[100] W. G. Warren. Correlation or regression: Bias or precision. *Applied Statistics*, 20 (2):148–164, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Goodman:1971:SST

[101] Leo A. Goodman. A simple simultaneous test procedure for quasi-independence in contingency tables. *Applied Statistics*, 20(2):165–177, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Joffe:1971:PMT

[102] A. D. Joffe. On the productivity of machines tended by a single operator. *Applied Statistics*, 20(2):178–186, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Moran:1971:MIS

[103] P. A. P. Moran and J. Neyman. Miscellanea: The IASPS and its satellite sym-

posia. *Applied Statistics*, 20(2):187–192, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Roger:1971:MCC

[104] J. H. Roger and R. G. Carpenter. Miscellanea: The cumulative construction of minimum spanning trees. *Applied Statistics*, 20(2):192–194, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ward:1971:BRD

[105] D. H. Ward. Book reviews: *Dealing with Data*, by Arthur J. Lyon. *Applied Statistics*, 20(2):195, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1971:BRB

[106] J. C. Gower. Book reviews: *Les Bases de la Classification Automatique*, by I. C. Lerman. *Applied Statistics*, 20 (2):195–197, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

VanSlooten:1971:BRM

[107] R. Van Slooten. Book reviews: *Mathematical Models of the Economy and Other Essays*, by R. Stone. *Applied Statistics*, 20(2):198, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pridmore:1971:BRM

[108] W. A. Pridmore. Book reviews: *Managing with Statistics*, by T. W. Lewis and R. M. Fox. *Applied Statistics*, 20(2):199, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Newman:1971:BRP

[109] G. B. Newman. Book reviews: *Planning and Analysis of Clinical Studies*, by Walter J. Burdette and Edmund A. Gehan. *Applied Statistics*, 20(2):199–200, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nicholson:1971:BRR

[110] R. J. Nicholson. Book reviews: *Regression and Econometric Methods*, by David S. Huang. *Applied Statistics*, 20 (2):200–201, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bassett:1971:BRM

[111] E. E. Bassett. Book reviews: *Mathematics and Sociology*, by Roy Mapes. *Applied Statistics*, 20(2):201–202, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cooper:1971:LE

[112] B. E. Cooper. Letter to the editors. *Applied Statistics*, 20(2):203, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Roger:1971:SAA

[113] J. H. Roger. Statistical algorithms: Algorithm AS 40: Updating a minimum spanning tree. *Applied Statistics*, 20(2): 204–206, June 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/40`.

Clarke:1971:SAA

[114] M. R. B. Clarke. Statistical algorithms: Algorithm AS 41: Updating the sample mean and dispersion

matrix. *Applied Statistics*, 20(2):206–209, June 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/41`.

Cooper:1971:SAA

[115] B. E. Cooper. Statistical algorithms: Algorithm AS 42: The use of orthogonal polynomials with equal x-values. *Applied Statistics*, 20(2):209–213, June 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/42`.

Yates:1971:SAA

[116] F. Yates. Statistical algorithms: Algorithm AS 43: Variable format in Fortran. *Applied Statistics*, 20(2):213–216, June 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/43`. See corrigenda [139].

Cooper:1971:SAR

[117] B. E. Cooper. Statistical algorithms: Remark AS R4: A remark on Algorithm AS 10: "The Use of Orthogonal Polynomials". *Applied Statistics*, 20(2):216, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/10`. See [5, 93].

Chatfield:1971:TSA

[118] C. Chatfield and M. P. G. Pepper. Time-series analysis: An example from geophysical data. *Applied Statistics*, 20 (3):217–238, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nathanson:1971:AMA

[119] James A. Nathanson. An application of multivariate analysis in astronomy. *Applied Statistics*, 20(3):239–249, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Snee:1971:SDA

[120] Ronald D. Snee and Horace P. Andrews. Statistical design and analysis of shape studies. *Applied Statistics*, 20 (3):250–258, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

MacDonald:1971:AEM

[121] Peter MacDonald. The analysis of a 2 n experiment by means of ranks. *Applied Statistics*, 20(3):259–275, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scott:1971:IEL

[122] A. J. Scott and T. M. F. Smith. Interval estimates for linear combinations of means. *Applied Statistics*, 20(3): 276–285, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Charatsis:1971:CPE

[123] E. G. Charatsis. A computer program for estimation of the constant elasticity of substitution production function. *Applied Statistics*, 20(3):286–296, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Yuen:1971:MNW

[124] Karen K. Yuen. Miscellanea: A note on Winsorized t. *Applied Statistics*, 20 (3):297–304, 1971. CODEN APSTAG.

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

Veevers:1971:MVS

[125] A. Veevers and M. C. K. Tweedie. Miscellanea: Variance-stabilizing transformation of a Poisson variate by a beta function. *Applied Statistics*, 20 (3):304–308, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Johnston:1971:MCH

[126] W. Johnston. Miscellanea: The case history of a simulation study. *Applied Statistics*, 20(3):308–313, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nath:1971:MET

[127] G. Baikunth Nath. Miscellanea: Estimation in truncated bivariate normal distributions. *Applied Statistics*, 20 (3):313–319, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1971:MRM

[128] I. D. Hill. Miscellanea: Report on a medical statistical conference. *Applied Statistics*, 20(3):319–321, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bryant:1971:BRB

[129] D. T. Bryant. Book reviews: *Basic Statistics for Social Research*, by Dean J. Champion. *Applied Statistics*, 20 (3):322–323, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cooper:1971:BRN

[130] R. A. Cooper. Book reviews: *National Economic Accounting*, by Carleen O'Loughlin. *Applied Statistics*, 20 (3):323–324, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Murphy:1971:BRS

[131] B. P. Murphy. Book reviews: *Solving Problems in Statistics II*, by J. Aitchison. *Applied Statistics*, 20(3):324–325, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ashford:1971:BRG

[132] J. R. Ashford. Book reviews: *The Generation of Random Variates*, by T. G. Newman and P. L. Odell. *Applied Statistics*, 20(3):325, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cox:1971:BRA

[133] P. R. Cox. Book reviews: *The Analysis of Mortality and Other Actuarial Statistics*, by B. Benjamin and H. W. Haycocks. *Applied Statistics*, 20(3):325–326, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1971:SAAa

[134] D. N. Sparks. Statistical algorithms: Algorithm AS 44: Scatter diagram plotting. *Applied Statistics*, 20(3):327–331, September 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/44`.

Sparks:1971:SAAb

[135] D. N. Sparks. Statistical algorithms: Algorithm AS 45: Histogram plotting. *Applied Statistics*, 20(3):332–335, September 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/45`. See corrigenda [270].

Clayton:1971:SAA

[136] D. G. Clayton. Statistical algorithms: Algorithm AS 46: Gram–Schmidt orthogonalization. *Applied Statistics*, 20 (3):335–338, September 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/46`.

ONeill:1971:SAA

[137] R. O'Neill. Statistical algorithms: Algorithm AS 47: Function minimization using a simplex procedure. *Applied Statistics*, 20(3):338–345, September 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/47`. See remarks [348, 499, 749] and corrigendum [349].

Hill:1971:SAC

[138] I. D. Hill and Richard Peto. Statistical algorithms: Corrigenda: Algorithm AS 35: Probabilities derived from finite populations. *Applied Statistics*, 20(3):346, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/35`. See [88, 218, 622].

Yates:1971:SAC

[139] F. Yates. Statistical algorithms: Corrigenda: Algorithm AS 43: Variable format in Fortran. *Applied Statistics*, 20(3):346, 1971. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/43`. See [116].

Kowalski:1972:ENN

[140] Charles J. Kowalski. On the effects of non-normality on the distribution of the sample product-moment correlation coefficient. *Applied Statistics*, 21(1):1–12, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Box:1972:EDC

[141] M. J. Box and N. R. Draper. Estimation and design criteria for multiresponse non-linear models with non-homogeneous variance. *Applied Statistics*, 21(1):13–24, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Craig:1972:ICS

[142] J. Craig and Anne Driver. The identification and comparison of small areas of adverse social conditions. *Applied Statistics*, 21(1):25–35, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Burman:1972:DEE

[143] J. P. Burman. Data editing and estimation: [introduction]. *Applied Statistics*, 21(1):36, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1972:DEE

[144] I. D. Hill. Data editing and estimation: The use of Algol in a bronchitis survey. *Applied Statistics*, 21(1):37–41,

1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chapman:1972:DEE

[145] J. S. Chapman. Data editing and estimation: Surveys in town-planning. *Applied Statistics*, 21(1):42–45, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Newing:1972:DEE

[146] C. R. Newing. Data editing and estimation: Data arrangement and checking in the insurance business. *Applied Statistics*, 21(1):45–53, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Richardson:1972:DEE

[147] M. Richardson and A. D. Cunningham. Data editing and estimation: Vetting of industrial survey questionnaires by computer. *Applied Statistics*, 21(1):53–55, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Flaxen:1972:DEE

[148] D. W. Flaxen. Data editing and estimation: Credibility tests and data editing in the new earnings survey. *Applied Statistics*, 21(1):55–57, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kemsley:1972:DEE

[149] W. F. F. Kemsley. Data editing and estimation: Pre-computer editing of budgets for the family expenditure survey. *Applied Statistics*, 21(1):58–64, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cooper:1972:DEE

[150] B. E. Cooper. Data editing and estimation: Computing aspects of data management. *Applied Statistics*, 21(1):65–75, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kihlberg:1972:MSR

[151] J. K. Kihlberg, J. H. Herson, and W. E. Schotz. Miscellanea: Square root transformation revisited. *Applied Statistics*, 21(1):76–81, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ahuja:1972:MRR

[152] J. C. Ahuja. Miscellanea: Recurrence relation for minimum variance unbiased estimation of certain left-truncated Poisson distributions. *Applied Statistics*, 21 (1):81–86, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cherrington:1972:MUH

[153] Norma K. Cherrington and J. V. Smart. Miscellanea: Use of Hotelling's T^2 statistic in testing the significance of individual regressors in multivariate regression. *Applied Statistics*, 21(1):86–88, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1972:MA

[154] Anonymous. Miscellanea: Addendum. *Applied Statistics*, 21(1):89, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jazairi:1972:MFI

[155] N. T. Jazairi. Miscellanea: Fisher ideal index numbers formula: A note. *Ap-*

plied Statistics, 21(1):89–92, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

LaMotte:1972:MSR

[156] L. R. LaMotte. Miscellanea: The SELECT routines: A program for identifying best subset regressions. *Applied Statistics*, 21(1):92–93, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Luckman:1972:BRP

[157] John Luckman. Book reviews: *Principles of Operations Research, with Applications to Managerial Decisions*, by Harvey M. Wagner. *Applied Statistics*, 21(1):94, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smithson:1972:BRM

[158] J. F. Smithson. Book reviews: *Mathematical Models in Marketing*, by Robert B. Murdick. *Applied Statistics*, 21(1):94, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1972:BRP

[159] J. N. R. Jeffers. Book reviews: *Principles of Management Science, with Applications to Executive Decisions*, by Harvey M. Wagner. *Applied Statistics*, 21(1):95, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Snell:1972:BRT

[160] E. J. Snell. Book reviews: *The Teaching of Probability and Statistics*, by Lenart Rade. *Applied Statistics*, 21(1):95, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Herne:1972:LE

[161] H. Herne. Letter to the editors. *Applied Statistics*, 21(1):96, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Phillips:1972:SAAa

[162] J. P. N. Phillips. Statistical algorithms: Algorithm AS 48: Uncertainty function for a binary sequence. *Applied Statistics*, 21(1):97–99, March 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/48`.

Phillips:1972:SAAb

[163] J. P. N. Phillips. Statistical algorithms: Algorithm AS 49: Autocorrelation function for a binary sequence. *Applied Statistics*, 21(1):100–103, March 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/49`.

Thomas:1972:SAA

[164] Donald G. Thomas. Statistical algorithms: Algorithm AS 50: Tests of fit for a one-hit vs. two-hit curve. *Applied Statistics*, 21(1):103–112, March 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/50`.

Anonymous:1972:BMPa

[165] Anonymous. Back matter. *Applied Statistics*, 21(1):[6], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1972:CDE

[166] Anonymous. Conference on data editing and estimation. *Applied Statistics*, 21(1):??, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1972:FMPa

[167] Anonymous. Front matter. *Applied Statistics*, 21(1):[3], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1972:VIP

[168] Anonymous. Volume information. *Applied Statistics*, 21(1):[3], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cox:1972:AMB

[169] D. R. Cox. The analysis of multivariate binary data. *Applied Statistics*, 21 (2):113–120, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kupper:1972:FSS

[170] Lawrence L. Kupper. Fourier series and spherical harmonics regression. *Applied Statistics*, 21(2):121–130, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sheppard:1972:OSD

[171] D. Sheppard. Obtaining samples of drivers for surveys. *Applied Statistics*, 21(2):131–135, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rubin:1972:NIA

[172] Donald B. Rubin. A non-iterative algorithm for least squares estimation of missing values in any analysis of variance design. *Applied Statistics*, 21 (2):136–141, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fryer:1972:MLE

[173] J. G. Fryer and R. J. Pethybridge. Maximum likelihood estimation of a linear regression function with grouped data. *Applied Statistics*, 21(2):142–154, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Healy:1972:ALE

[174] M. J. R. Healy. Animal litters as experimental units. *Applied Statistics*, 21 (2):155–159, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jolliffe:1972:DVP

[175] I. T. Jolliffe. Discarding variables in a principal component analysis. I: Artificial data. *Applied Statistics*, 21 (2):160–173, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Richards:1972:RED

[176] Larry E. Richards. Refinement and extension of distribution-free discriminate analysis. *Applied Statistics*, 21 (2):174–176, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ekblom:1972:MCI

[177] H. Ekblom. A Monte Carlo investigation of mode estimators in small samples. *Applied Statistics*, 21(2):177–184, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hodges:1972:DUL

[178] S. D. Hodges and P. G. Moore. Data uncertainties and least squares regression. *Applied Statistics*, 21(2):185–195, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Carter:1972:MTA

[179] Michael C. Carter. A model for thunderstorm activity: Use of the compound negative binomial-positive binomial distribution. *Applied Statistics*, 21 (2):196–201, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Healy:1972:MDP

[180] M. J. R. Healy. Miscellanea: Drawing a probability ellipse. *Applied Statistics*, 21 (2):202–204, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Montgomery:1972:MNL

[181] David B. Montgomery. Miscellanea: Note on a limit distribution arising in certain stochastic response models. *Applied Statistics*, 21(2):204–207, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1972:BRS

[182] D. N. Sparks. Book reviews: *Scientific Marketing Research*, by Gerald Albaum and M. Venkatesan. *Applied Statistics*, 21(2):208, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Beale:1972:BRI

[183] E. M. L. Beale. Book reviews: *Introduction to Optimization Techniques: Fundamentals and Applications of Nonlinear Programming*, by Masanao Aoki. *Applied Statistics*, 21(2):208–209, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cliff:1972:BRR

[184] A. D. Cliff. Book reviews: *Regional Variations in Britain: Studies in Economic and Social Geography*, by B. E. Coates and E. M. Rawstron. *Applied Statistics*, 21(2):209–210, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lewis:1972:BRP

[185] J. A. Lewis. Book reviews: *Probit Analysis (3rd ed)*, by D. Finney. *Applied Statistics*, 21(2):210–211, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Walker:1972:BRS

[186] Pamela G. Walker. Book reviews: *Statistical Functions*, by Buddy L. Myers and Norbert L. Enrick. *Applied Statistics*, 21(2):211, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Luckman:1972:BRA

[187] John Luckman. Book reviews: *Applications of Queueing Theory*, by G. F. Newell. *Applied Statistics*, 21(2):212, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ellis:1972:BRQ

[188] S. H. Ellis. Book reviews: *Quality Control Workbook: Procedures for Implementing Statistical Quality Control*, by David J. Desmond. *Applied Statistics*, 21(2):212–213, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindley:1972:BRE

[189] D. V. Lindley. Book reviews: *Elements of Decision Theory*, by B. W. Lindgren. *Applied Statistics*, 21(2):213–214, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Maunder:1972:BRS

[190] W. F. Maunder. Book reviews: *Sources of Statistics*, by Joan M. Harvey. *Applied Statistics*, 21(2):214, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hills:1972:BRB

[191] Michael Hills. Book reviews: Bancroft's Introduction to Biostatistics, by Johannes Ipsen and Polly Feigl. *Applied Statistics*, 21(2):214–215, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Golikova:1972:LE

[192] T. Golikova and L. Panchenko. Letter to the editors. *Applied Statistics*, 21 (2):216–217, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Haberman:1972:SAA

[193] S. J. Haberman. Statistical algorithms: Algorithm AS 51: Log-linear fit for contingency tables. *Applied Statistics*, 21 (2):218–225, June 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/51`.

Spicer:1972:SAA

[194] C. C. Spicer. Statistical algorithms: Algorithm AS 52: Calculation of power sums of deviations about the mean. *Applied Statistics*, 21(2):226–227, June 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/52`.

Anonymous:1972:BMPb

[195] Anonymous. Back matter. *Applied Statistics*, 21(2):[7], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1972:FMPb

[196] Anonymous. Front matter. *Applied Statistics*, 21(2):[3], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fairweather:1972:MOE

[197] William R. Fairweather. A method of obtaining an exact confidence interval for the common mean of several normal populations. *Applied Statistics*, 21 (3):229–233, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindsey:1972:FRS

[198] J. K. Lindsey. Fitting response surfaces with power transformations. *Applied Statistics*, 21(3):234–247, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1972:SMT

[199] C. J. Taylor. A stochastic model of temperature variations at weather stations in Britain. *Applied Statistics*, 21 (3):248–260, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kemp:1972:MAB

[200] K. E. Kemp and D. F. Butcher. Methods of analysing binomial data in a two-factor experiment without replication compared by computer simulation. *Applied Statistics*, 21(3):261–273, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pagano:1972:AFA

[201] Marcello Pagano. An algorithm for fitting autoregressive schemes. *Applied Statistics*, 21(3):274–281, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Conway-Jones:1972:ASB

[202] A. H. Conway-Jones. Analysis of smallbore shooting scores. *Applied Statistics*, 21(3):282–296, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

ONeill:1972:SRA

[203] T. S. O'Neill. System reliability assessment from its components. *Applied Statistics*, 21(3):297–320, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Panneton:1972:EDK

[204] M. Panneton and P. Robillard. The exact distribution of Kendall's S with ties in one ranking. *Applied Statistics*, 21 (3):321–323, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Davenport:1972:MSA

[205] M. Davenport and G. Studdert-Kennedy. Miscellanea: The statistical analysis of aesthetic judgment: An exploration. *Applied Statistics*, 21(3): 324–333, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Michelini:1972:MEE

[206] C. Michelini. Miscellanea: Estimating the exponential growth function by direct least squares: A comment. *Applied Statistics*, 21(3):333–335, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1972:BRF

[207] I. D. Hill. Book reviews: *Faster Than Thought. A Symposium on Digital Computing Machines*, by The Earl of Halsbury and B. V. Bowden. *Applied Statistics*, 21(3):336, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1972:BRC

[208] J. N. R. Jeffers. Book reviews: *Computer Programming in Quantitative Biology*, by R. G. Davies. *Applied Statistics*, 21(3):336–337, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Burrows:1972:BRD

[209] C. P. Burrows. Book reviews: *Distribution Management: Mathematical Modelling and Practical Analysis*, by Samuel Eilon, C. D. T. Watson-Gandy and

Nicos Christofides. *Applied Statistics*, 21 (3):337–338, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Snell:1972:BRA

[210] E. J. Snell. Book reviews: *Advanced General Statistics*, by B. C. Erricker. *Applied Statistics*, 21(3):338, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Beale:1972:BRC

[211] E. M. L. Beale. Book reviews: *Cost Considerations in Systems Analysis*, by Gene H. Fisher. *Applied Statistics*, 21 (3):338–339, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1972:BRF

[212] J. C. Gower. Book reviews: *Factor Analysis as a Statistical Method. 2nd ed*, by D. N. Lawley and A. E. Maxwell. *Applied Statistics*, 21(3):339–340, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1972:BRS

[213] C. Chatfield. Book reviews: *Statistics for Physicists*, by B. R. Martin. *Applied Statistics*, 21(3):340, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smith:1972:SAA

[214] W. B. Smith and R. R. Hocking. Statistical algorithms: Algorithm AS 53: Wishart variate generator. *Applied Statistics*, 21(3):341–345, September 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/53`.

Panneton:1972:SAA

[215] M. Panneton and P. Robillard. Statistical algorithms: Algorithm AS 54: Kendall's S frequency distribution. *Applied Statistics*, 21(3):345–348, September 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/54`.

Odeh:1972:SAA

[216] R. E. Odeh. Statistical algorithms: Algorithm AS 55: The generalized Mann–Whitney U-statistic. *Applied Statistics*, 21(3):348–351, September 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/55`.

Munford:1972:SAR

[217] A. G. Munford. Statistical algorithms: Remark AS R5: A remark on Algorithm AS 30: Half normal plotting. *Applied Statistics*, 21(3):351, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/30`. See [51, 94].

Hill:1972:SAR

[218] I. D. Hill and Richard Peto. Statistical algorithms: Remark AS R6: A remark on Algorithm AS 35: Probabilities derived from finite populations. *Applied Statistics*, 21(3):352, 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/35`. See [88, 138, 622].

Anonymous:1972:BMPc

[219] Anonymous. Back matter. *Applied Statistics*, 21(3):[8], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1972:FMPc

[220] Anonymous. Front matter. *Applied Statistics*, 21(3):[3], 1972. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mead:1973:EG

[221] R. Mead and K. H. Freeman. An experiment game. *Applied Statistics*, 22(1):1–6, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1973:SIR

[222] Christopher Chatfield. Statistical inference regarding Markov chain models. *Applied Statistics*, 22(1):7–20, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jolliffe:1973:DVP

[223] I. T. Jolliffe. Discarding variables in a principal component analysis. II: Real data. *Applied Statistics*, 22(1):21–31, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Evans:1973:ERT

[224] Andrew W. Evans. The estimation of road traffic flow by registration number observation. *Applied Statistics*, 22 (1):32–49, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sichel:1973:STT

[225] H. S. Sichel. On a significance test for two Poisson variables. *Applied Statistics*, 22(1):50–58, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1973:RSF

[226] A. Springall. Response surface fitting using a generalization of the Bradley-Terry paired comparison model. *Applied Statistics*, 22(1):59–68, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kiountouzis:1973:LPT

[227] E. A. Kiountouzis. Linear programming techniques in regression analysis. *Applied Statistics*, 22(1):69–73, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bunday:1973:EBD

[228] B. D. Bunday and C. Mack. Efficiency of bi-directionally traversed machines. *Applied Statistics*, 22(1):74–81, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Borth:1973:MOM

[229] David M. Borth. A modification of Owen's method for computing the bivariate normal integral. *Applied Statistics*, 22(1):82–85, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Peto:1973:ESC

[230] Richard Peto. Experimental survival curves for interval-censored data. *Applied Statistics*, 22(1):86–91, 1973. CO-

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

Neave:1973:MUB

[231] Henry R. Neave. Miscellanea: On using the Box-Muller transformation with multiplicative congruential pseudo-random number generators. *Applied Statistics*, 22(1):92–97, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

George:1973:MOS

[232] S. L. George. Miscellanea: Optimal strategy in tennis: A simple probabilistic model. *Applied Statistics*, 22 (1):97–104, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Boyd:1973:MNP

[233] K. T. Boyd. Miscellanea: A note on paired comparison designs for 2 n factorials. *Applied Statistics*, 22(1):104–106, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Atkinson:1973:BRD

[234] A. C. Atkinson. Book reviews: *Developments in Operations Research Vol. I*, by B. Avi-Itzhak. *Applied Statistics*, 22(1):107, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1973:BRP

[235] C. Chatfield. Book reviews: *Probability and Statistics in Engineering and Management Science*, by William W. Hines and Douglas C. Montgomery. *Applied Statistics*, 22(1):107–108, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wishart:1973:BRR

[236] D. M. G. Wishart. Book reviews: Russian-English/English-Russian Glossary of Statistical Terms, by Samuel Kotz. *Applied Statistics*, 22(1):108, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Veevers:1973:BRS

[237] A. Veevers. Book reviews: *Statistical Design and Analysis of Experiments*, by Peter W. M. John. *Applied Statistics*, 22 (1):108–109, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nicholson:1973:BRD

[238] R. J. Nicholson. Book reviews: *The Distribution of Personal Income in the United Kingdom 1949–63*, by Thomas Stark. *Applied Statistics*, 22(1):109–110, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nicholson:1973:BRA

[239] R. J. Nicholson. Book reviews: *The Analysis of Family Budgets*, by S. J. Prais and H. S. Houthakker. *Applied Statistics*, 22(1):110, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Walker:1973:BRA

[240] Monica A. Walker. Book reviews: *The Amalgamation of Police Districts. Reconciliation of Statistics: 1960–1970. Part A*, by Christian Economic and Social Research Foundation. *Applied Statistics*, 22(1):110–111, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1973:BRI

[241] J. N. R. Jeffers. Book reviews: *An Introduction to Computer Programming Using the BASIC Language*, by William F. Sharpe and Nancy L. Jacob. *Applied Statistics*, 22(1):111, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Peto:1973:SAA

[242] Richard Peto. Statistical algorithms: Algorithm AS 56: Permutational significance testing. *Applied Statistics*, 22 (1):112–118, March 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/56`.

Haberman:1973:SAA

[243] S. J. Haberman. Statistical algorithms: Algorithm AS 57: Printing multidimensional tables. *Applied Statistics*, 22(1): 118–126, March 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/57`.

Sparks:1973:SAAa

[244] D. N. Sparks. Statistical algorithms: Algorithm AS 58: Euclidean cluster analysis. *Applied Statistics*, 22(1):126–130, March 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/58`. See remark [417].

Freeman:1973:SAA

[245] P. R. Freeman. Statistical algorithms: Algorithm AS 59: Hypergeometric probabilities. *Applied Statistics*, 22(1):130–133, March 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/59`.

Freeman:1973:SAR

[246] P. R. Freeman. Statistical algorithms: Remark AS R7: A remark on Algorithm AS 26: Ranking an array of numbers. *Applied Statistics*, 22(1):133, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/26`. See [30].

Anonymous:1973:BMPa

[247] Anonymous. Back matter. *Applied Statistics*, 22(1):[6], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1973:FMPa

[248] Anonymous. Front matter. *Applied Statistics*, 22(1):[3], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1973:VIP

[249] Anonymous. Volume information. *Applied Statistics*, 22(1):[3], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shearer:1973:MDQ

[250] P. R. Shearer. Missing data in quantitative designs. *Applied Statistics*, 22 (2):135–140, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Goldsmith:1973:CAF

[251] P. L. Goldsmith and R. Boddy. Critical analysis of factorial experiments and

orthogonal fractions. *Applied Statistics*, 22(2):141–160, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Yates:1973:ASC

[252] F. Yates. The analysis of surveys on computers-features of the Rothamsted survey program. *Applied Statistics*, 22 (2):161–171, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kullback:1973:PSO

[253] S. Kullback and Marian Fisher. Partitioning second-order interaction in three-way contingency tables. *Applied Statistics*, 22(2):172–184, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lochner:1973:BMC

[254] Robert H. Lochner. A Bayesian method for comparing the means of multinomial populations. *Applied Statistics*, 22 (2):185–191, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Andrews:1973:TPD

[255] David F. Andrews and John W. Tukey. Teletypewriter plots for data analysis can be fast: 6-line plots, including probability plots. *Applied Statistics*, 22 (2):192–202, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pethybridge:1973:MLE

[256] R. J. Pethybridge. Maximum likelihood estimation of a polynomial regression function with grouped data. *Applied Statistics*, 22(2):203–212, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Golder:1973:UCA

[257] P. A. Golder and K. A. Yeomans. The use of cluster analysis for stratification. *Applied Statistics*, 22(2):213–219, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1973:CFS

[258] D. N. Sparks and A. D. Todd. A comparison of FORTRAN subroutines for calculating latent roots and vectors. *Applied Statistics*, 22(2):220–225, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bissell:1973:PMV

[259] A. F. Bissell. Process monitoring with variable element sizes. *Applied Statistics*, 22(2):226–238, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1973:MFS

[260] J. Taylor. A method of fitting several linear functional relations and of testing for differences between them. *Applied Statistics*, 22(2):239–248, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ansell:1973:MRL

[261] Margaret J. G. Ansell. Miscellanea: Robustness of location estimators to asymmetry. *Applied Statistics*, 22(2):249–254, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Stone:1973:BRS

[262] M. Stone. Book reviews: Statistical Papers in Honor of George W. Snedecor, by T. A. Bancroft and Susan Alice Brown. *Applied Statistics*, 22(2):255, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ward:1973:BRS

[263] D. H. Ward. Book reviews: *Statistical Methods in Research and Production with Special Reference to the Chemical Industry. 4th Revised*, by Owen L. Davies and Peter L. Goldsmith. *Applied Statistics*, 22(2):256, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Stuart:1973:BRL

[264] Alan Stuart. Book reviews: *Likelihood. An Account of the Statistical Concept of Likelihood and Its Application to Scientific Inference*, by A. W. F. Edwards. *Applied Statistics*, 22(2):257, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1973:BRR

[265] D. N. Sparks. Book reviews: *Repeat-Buying: Theory and Applications*, by A. S. C. Ehrenberg. *Applied Statistics*, 22(2):258, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wilkinson:1973:BRSa

[266] R. K. Wilkinson. Book reviews: Statistical Methods for the Analysis of Earnings Data with Special Application to Salaries in Swedish Industry, by Anders Klevmarken. *Applied Statistics*, 22 (2):258–259, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1973:SAAb

[267] D. N. Sparks and A. D. Todd. Statistical algorithms: Algorithm AS 60: Latent roots and vectors of a symmetric matrix. *Applied Statistics*, 22(2): 260–265, June 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/60`. See corrigendum [320].

Andrews:1973:SAA

[268] David F. Andrews and John W. Tukey. Statistical algorithms: Algorithm AS 61: Six-line plots. *Applied Statistics*, 22(2): 265–269, June 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/61`. See remark [652].

Dinneen:1973:SAA

[269] L. C. Dinneen and B. C. Blakesley. Statistical algorithms: Algorithm AS 62: A generator for the sampling distribution of the Mann–Whitney U statistic. *Applied Statistics*, 22(2):269–273, June 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/62`.

Sparks:1973:SAC

[270] D. N. Sparks. Statistical algorithms: Corrigendum: Algorithm AS 45: Histogram plotting. *Applied Statistics*, 22(2):274, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [135].

Anonymous:1973:BMPb

[271] Anonymous. Back matter. *Applied Statistics*, 22(2):[8], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1973:FMPb

[272] Anonymous. Front matter. *Applied Statistics*, 22(2):[3], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hawkins:1973:IAR

[273] Douglas M. Hawkins. On the investigation of alternative regressions by principal component analysis. *Applied Statistics*, 22(3):275–286, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dyer:1973:MEP

[274] Danny D. Dyer. On moments estimation of the parameters of a truncated bivariate normal distribution. *Applied Statistics*, 22(3):287–291, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Seeger:1973:TST

[275] Paul Seeger and Ulf Thorsson. Two-sided tolerance limits with two-stage sampling from normal populations: Monte Carlo studies of the distribution of coverages. *Applied Statistics*, 22 (3):292–300, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prentice:1973:MMR

[276] R. L. Prentice and A. El. Shaarawi. A model for mortality rates and a test of fit for the Gompertz force of mortality. *Applied Statistics*, 22(3):301–314, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cunningham:1973:PBS

[277] S. W. Cunningham. The predictability of British stock market prices. *Applied Statistics*, 22(3):315–331, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Littlewood:1973:BRG

[278] B. Littlewood and J. L. Verrall. A Bayesian reliability growth model for computer software. *Applied Statistics*, 22(3):332–346, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gross:1973:MCS

[279] A. M. Gross. A Monte Carlo swindle for estimators of location. *Applied Statistics*, 22(3):347–353, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McDonald:1973:ARE

[280] John McDonald. An analysis of residual error in the quarterly national accounts of the U.K. *Applied Statistics*, 22 (3):354–367, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ginsburgh:1973:FND

[281] Victor A. Ginsburgh. A further note on the derivation of quarterly figures consistent with annual data. *Applied Statistics*, 22(3):368–374, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pocock:1973:DVS

[282] S. J. Pocock. Daily variations in sickness absence. *Applied Statistics*, 22 (3):375–391, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wilkinson:1973:SDF

[283] G. N. Wilkinson and C. E. Rogers. Symbolic description of factorial models for analysis of variance. *Applied Statistics*, 22(3):392–399, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wetherill:1973:BRI

[284] G. B. Wetherill. Book reviews: *Introductory Statistics: A Service Course*, by A. H. Pollard. *Applied Statistics*, 22(3):400, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Preece:1973:BRI

[285] D. A. Preece. Book reviews: *Introduction to Probability and Statistics. 5th Ed*, by H. L. Alder and E. B. Roessler. *Applied Statistics*, 22(3):400–401, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Herne:1973:BRH

[286] H. Herne. Book reviews: *How to Lie with Statistics*, by Darrell Huff. *Applied Statistics*, 22(3):401–402, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Richardson:1973:BRS

[287] Harry W. Richardson. Book reviews: *Surveys of Personal Income in London*, by R. U. Redpath, M. G. Powell and S. Kingaby. *Applied Statistics*, 22 (3):402–403, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1973:BRI

[288] J. Taylor. Book reviews: *An Introduction to Statistical Science in Agriculture. 4th ed*, by D. J. Finney. *Applied Statistics*, 22(3):403, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1973:BRF

[289] I. D. Hill. Book reviews: Fortran Techniques, With Special Reference to Non-Numerical Applications, by A. Colin Day. *Applied Statistics*, 22(3):404, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nicholson:1973:BRN

[290] R. J. Nicholson. Book reviews: *National Income, Expenditure and Output of the United Kingdom 1855–1965*, by C. H. Feinstein. *Applied Statistics*, 22 (3):404–405, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Smithson:1973:BRM

[291] J. F. Smithson. Book reviews: *Mathematical Model Building in Economics and Industry. Second Series*, by Scientific Control Systems Ltd. and M. G. Kendall. *Applied Statistics*, 22(3): 405–406, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1973:BRS

[292] Anonymous. Book reviews: Statistical Methods for the Analysis of Earnings Data with Special Application to

Salaries in Swedish Industry: Corrigendum. *Applied Statistics*, 22(3):406, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wilkinson:1973:BRSb

[293] R. K. Wilkinson. Book reviews: Statistical Methods for the Analysis of Earnings Data with Special Application to Salaries in Swedish Industry, by Anders Klevmarken. *Applied Statistics*, 22(3):406, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Williams:1973:LE

[294] D. A. Williams. Letter to the editors. *Applied Statistics*, 22(3):407–408, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Majumder:1973:SAAa

[295] 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 [589].

Majumder:1973:SAAb

[296] 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 [589].

Rogers:1973:SAA

[297] 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 [885].

Hill:1973:SAA

[298] I. D. Hill. Statistical algorithms: Algorithm AS 66: The normal integral. *Applied Statistics*, 22(3):424–427, September 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/66`.

Hitchin:1973:SAR

[299] D. Hitchin. Statistical algorithms: Remark AS R8: A remark on algorithms AS 4 and AS 5: An auxiliary function for distribution integrals, and the integral of the non-central t- distribution. *Applied Statistics*, 22(3):428, 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [1, 2].

Anonymous:1973:BMPc

[300] Anonymous. Back matter. *Applied Statistics*, 22(3):[6], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1973:FMPc

[301] Anonymous. Front matter. *Applied Statistics*, 22(3):[3], 1973. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bhattacharyya:1974:FDT

[302] M. N. Bhattacharyya. Forecasting the demand for telephones in australia. *Applied Statistics*, 23(1):1–10, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Narula:1974:PMS

[303] Subhash C. Narula. Predictive mean square error and stochastic regressor variables. *Applied Statistics*, 23(1):11–17, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ali:1974:MON

[304] Zaffar Ali. A model for the occurrence of north winds at kingston, jamaica. *Applied Statistics*, 23(1):18–21, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pearce:1974:ETM

[305] S. C. Pearce. The estimation of treatment means by designed experiments. *Applied Statistics*, 23(1):22–25, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Elashoff:1974:TSP

[306] Janet Dixon Elashoff and R. M. Elashoff. Two-sample problems for a dichotomous variable with missing data. *Applied Statistics*, 23(1):26–34, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bhansali:1974:AMS

[307] R. J. Bhansali. Asymptotic mean-square error of predicting more than one-step ahead using the regression method. *Applied Statistics*, 23(1):35–42, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Walters:1974:UAM

[308] D. E. Walters. The use of asymptotic models in multiple hormone assays. *Applied Statistics*, 23(1):43–50, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cox:1974:CVO

[309] D. R. Cox and E. J. Snell. The choice of variables in observational studies. *Applied Statistics*, 23(1):51–59, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1974:MMA

[310] J. C. Gower and K. V. Mardia. Miscellanea: Multivariate analysis and its applications: A report on the hull conference, 1973. *Applied Statistics*, 23(1):60–66, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Miller:1974:MNA

[311] Alan J. Miller. Miscellanea: A note on the analysis of gap-acceptance in traffic. *Applied Statistics*, 23(1):66–73, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Preece:1974:MIC

[312] D. A. Preece and J. C. Gower. Miscellanea: An iterative computer procedure for mixed-up values in experiments. *Applied Statistics*, 23(1):73–74, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Collings:1974:MQP

[313] T. W. R. Collings. Miscellanea: A queueing problem in which customers

have different service distributions. *Applied Statistics*, 23(1):75–82, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McPherson:1974:SAA

[314] Klim McPherson. Statistical algorithms: Algorithm AS 67: The evaluation of absorption probabilities in sequential binomial sampling. *Applied Statistics*, 23(1): 83–86, March 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/67`.

Wyshak:1974:SAA

[315] G. Wyshak. Statistical algorithms: Algorithm AS 68: A program for estimating the parameters of the truncated negative binomial distribution. *Applied Statistics*, 23(1):87–91, March 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/68`.

Pike:1974:SAA

[316] M. C. Pike and Diana Bull. Statistical algorithms: Algorithm AS 69: Knox test for space-time clustering in epidemiology. *Applied Statistics*, 23(1):92–95, March 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/69`.

Odeh:1974:SAA

[317] R. E. Odeh and J. O. Evans. Statistical algorithms: Algorithm AS 70: The percentage points of the normal distribution. *Applied Statistics*, 23(1):96–97, March 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/70`.

Best:1974:SAA

[318] D. J. Best and P. G. Gipps. Statistical algorithms: Algorithm AS 71: The upper tail probabilities of Kendall's tau. *Applied Statistics*, 23(1):98–100, March 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/71`.

Knight:1974:SAR

[319] William Knight. Statistical algorithms: Remark AS R9: A remark on Algorithm AS 37. *Applied Statistics*, 23 (1):100–101, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/37`. See [90].

Sparks:1974:SAC

[320] D. N. Sparks and A. D. Todd. Statistical algorithms: Corrigendum: Algorithm AS 60: Latent roots and vectors of a symmetric matrix. *Applied Statistics*, 23(1):101–102, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [267].

Anonymous:1974:IRC

[321] Anonymous. Index of remarks and corrigenda on applied statistics algorithms. *Applied Statistics*, 23(1):102, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:BMPa

[322] Anonymous. Back matter. *Applied Statistics*, 23(1):[6], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:FMPa

[323] Anonymous. Front matter. *Applied Statistics*, 23(1):[3], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:VIP

[324] Anonymous. Volume information. *Applied Statistics*, 23(1):[3], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pocock:1974:HAA

[325] S. J. Pocock. Harmonic analysis applied to seasonal variations in sickness absence. *Applied Statistics*, 23(2):103–120, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hocking:1974:PES

[326] R. R. Hocking, H. F. Huddleston, and H. H. Hunt. A procedure for editing survey data. *Applied Statistics*, 23 (2):121–133, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hamon:1974:SET

[327] B. V. Hamon and E. J. Hannan. Spectral estimation of time delay for dispersive and non-dispersive systems. *Applied Statistics*, 23(2):134–142, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wetherill:1974:SAS

[328] G. B. Wetherill and W. K. Chiu. A simplified attribute sampling scheme. *Applied Statistics*, 23(2):143–148, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Barnett:1974:ECS

[329] V. Barnett. Economic choice of sample size for sampling inspection plans. *Applied Statistics*, 23(2):149–157, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Box:1974:SRA

[330] G. E. P. Box, G. M. Jenkins, and J. F. MacGregor. Some recent advances in forecasting and control. Part II. *Applied Statistics*, 23(2):158–179, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ratkowsky:1974:MLE

[331] D. A. Ratkowsky. Maximum likelihood estimation in small incomplete samples from the bivariate normal distribution. *Applied Statistics*, 23(2):180–189, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Butcher:1974:ABD

[332] D. F. Butcher and K. E. Kemp. Analysing binomial data in a two-factor experiment with unequal observations per cell. *Applied Statistics*, 23(2): 190–202, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Swan:1974:CCM

[333] A. V. Swan. Corrigendum: Computing maximum-likelihood estimates for parameters of the normal distribution from grouped and censored data. *Applied Statistics*, 23(2):202, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [6].

Hill:1974:MAF

[334] I. D. Hill. Miscellanea: Association football and statistical inference. *Applied Statistics*, 23(2):203–208, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Beale:1974:MNC

[335] E. M. L. Beale and P. C. Hutchinson. Miscellanea: Note on constrained optimum regression. *Applied Statistics*, 23 (2):208–210, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Whittaker:1974:MGG

[336] J. Whittaker. Miscellanea: Generating gamma and beta random variables with non-integral shape parameters. *Applied Statistics*, 23(2):210–214, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hahn:1974:MEO

[337] Gerald J. Hahn and Arthur F. Dershowitz. Miscellanea: Evolutionary operation today — some survey results and observations. *Applied Statistics*, 23 (2):214–218, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lowe:1974:MEO

[338] C. W. Lowe. Miscellanea: Evolutionary operation in action. *Applied Statistics*, 23(2):218–226, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fleckenstein:1974:MCE

[339] Fritz Von Fleckenstein. Miscellanea: Correction of an error in I.B.M. subroutine KRANK the computation of Kendall's τ. *Applied Statistics*, 23(2): 226–228, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1974:BRM

[340] D. N. Sparks. Book reviews: A manual of sampling techniques, by R. K. Som. *Applied Statistics*, 23(2):229, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1974:BRG

[341] A. Springall. Book reviews: *The Generalised Jackknife Statistic*, by H. L. Gray and W. R. Schucany. *Applied Statistics*, 23(2):229–230, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1974:BRB

[342] J. N. R. Jeffers. Book reviews: BASIC: An introduction to computer programming using the BASIC language, by William F. Sharpe and Nancy L. Jacob. *Applied Statistics*, 23(2):230–231, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1974:LE

[343] J. A. Nelder and David A. Swick. Letters to the editors. *Applied Statistics*, 23 (2):232–233, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hawkins:1974:SAA

[344] Douglas M. Hawkins. Statistical algorithms: Algorithm AS 72: Computing mean vectors and dispersion matrices in multivariate analysis of variance. *Applied Statistics*, 23(2):234–

238, June 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/72`.

Frome:1974:SAA

[345] E. L. Frome. Statistical algorithms: Algorithm AS 73: Cross-spectrum smoothing via the finite Fourier transform. *Applied Statistics*, 23(2):238–244, June 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/73`. See remark [861].

Sadovski:1974:SAA

[346] A. N. Sadovski. Statistical algorithms: Algorithm AS 74: L_1-norm fit of a straight line. *Applied Statistics*, 23(2): 244–248, June 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/74`. See remark [498].

Rowlands:1974:SAR

[347] G. J. Rowlands and Rita M. Pocock. Statistical algorithms: Remark AS R10: On scale selections for scatter diagrams. *Applied Statistics*, 23(2):248–249, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [10, 95].

Chambers:1974:SAR

[348] John M. Chambers and J. E. Ertel. Statistical algorithms: Remark AS R11: A remark on Algorithm AS 47 "Function Minimization using a Simplex Procedure". *Applied Statistics*, 23 (2):250–251, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/47`. See [137, 349, 499, 749].

ONeill:1974:SAC

[349] R. O'Neill. Statistical algorithms: Corrigendum: Algorithm AS 47: Function minimization using a simplex procedure. *Applied Statistics*, 23(2):252, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [137, 348, 499, 749].

Beale:1974:NCO

[350] E. M. L. Beale and P. C. Hutchinson. Note on constrained optimum regression. *Applied Statistics*, 23(2): 2108–2110, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:BMPb

[351] Anonymous. Back matter. *Applied Statistics*, 23(2):[6], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:FMPb

[352] Anonymous. Front matter. *Applied Statistics*, 23(2):[3], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wetherill:1974:SBN

[353] G. B. Wetherill and J. B. Ofosu. Selection of the best of k normal populations. *Applied Statistics*, 23(3):253–277, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wood:1974:EAT

[354] J. T. Wood. An extension of the analysis of transformations of Box and Cox. *Applied Statistics*, 23(3):278–283, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Thomas:1974:ERM

[355] D. A. H. Thomas. Error rates in multiple comparisons among means-results of a simulation exercise. *Applied Statistics*, 23(3):284–294, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dyke:1974:DML

[356] G. V. Dyke. Designs to minimize loss of information in polynomial regression. *Applied Statistics*, 23(3):295–299, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nath:1974:PCB

[357] G. Baikunth Nath. Progressively censored bivariate normal samples. *Applied Statistics*, 23(3):300–312, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Marshall:1974:FTT

[358] Malcomn L. Marshall. Fitting the two-term mixed exponential and two-parameter lognormal distributions to grouped and censored data. *Applied Statistics*, 23(3):313–322, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1974:LLM

[359] J. A. Nelder. Log linear models for contingency tables: a generalization of classical least squares. *Applied Statistics*, 23 (3):323–329, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Griffiths:1974:CMI

[360] D. A. Griffiths. A catalytic model of infection for measles. *Applied Statistics*, 23(3):330–339, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1974:CAN

[361] M. O. Hill. Correspondence analysis: A neglected multivariate method. *Applied Statistics*, 23(3):340–354, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Collins:1974:EMT

[362] Lyndhurst Collins. Estimating Markov transition probabilities from micro-unit data. *Applied Statistics*, 23(3):355–371, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McKinlay:1974:ENM

[363] Sonja M. McKinlay. The expected number of matches and its variance for matched-pair designs. *Applied Statistics*, 23(3):372–383, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wierenga:1974:PCP

[364] B. Wierenga. Paired comparison product testing when individual preferences are stochastic. *Applied Statistics*, 23 (3):384–396, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See comment [792].

Anderson:1974:DLD

[365] J. A. Anderson. Diagnosis by logistic discriminant function: further practical problems and results. *Applied Statistics*, 23(3):397–404, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1974:ISS

[366] Morton B. Brown. Identification of the sources of significance in two-way contingency tables. *Applied Statistics*, 23 (3):405–413, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brook:1974:BLG

[367] D. Brook and G. J. G. Upton. Biases in local government elections due to position on the ballot paper. *Applied Statistics*, 23(3):414–419, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chiu:1974:EDC

[368] W. K. Chiu. The economic design of cusum charts for controlling normal means. *Applied Statistics*, 23(3): 420–433, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ward:1974:MJC

[369] D. H. Ward. Miscellanea: Joint Conference at Warwick — a summary report. *Applied Statistics*, 23(3):434–435, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Daley:1974:MCB

[370] D. J. Daley. Miscellanea: Computation of bi- and tri-variate normal integrals. *Applied Statistics*, 23(3):435–438, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1974:BRE

[371] C. Chatfield. Book reviews: *Elements of Statistics*, by D. R. Byrkit. *Applied Statistics*, 23(3):439, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hinkley:1974:BRB

[372] David Hinkley. Book reviews: A bibliography of multivariate statistical analysis, by T. W. Anderson, Somesh Das Gupta and George P. H. Styan. *Applied Statistics*, 23(3):439–440, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Clarke:1974:BRI

[373] G. M. Clarke. Book reviews: *Introduction to Biostatistics*, by R. R. Sokal and F. J. Rohlf. *Applied Statistics*, 23 (3):440–441, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Coleman:1974:BRG

[374] Rodney Coleman. Book reviews: A guide to probability theory and application, by Cyrus Derman, Leon J. Gleser and Ingram Olkin. *Applied Statistics*, 23(3):441, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Harris:1974:BRW

[375] R. Harris. Book reviews: OR in World War 2: Operational Research Against the U-Boat, by C. H. Waddington. *Applied Statistics*, 23(3):441–442, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Luckman:1974:BRO

[376] John Luckman. Book reviews: *Operations Research in Hospitals-Diagnosis and Prognosis*, by David H. Stimson and Ruth H. Stimson. *Applied Statistics*, 23

(3):442–443, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Veevers:1974:BRB

[377] A. Veevers. Book reviews: *Bibliography on Experiment and Treatment Design Pre-1968*, by Walter T. Federer and Leslie N. Balaam. *Applied Statistics*, 23 (3):443–444, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Luckman:1974:BRM

[378] John Luckman. Book reviews: *Modern Management Methods and the Organisation of the Health Services. Applied Statistics*, 23(3):444–445, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Luckman:1974:BRH

[379] John Luckman. Book reviews: *Health Practice Research and Formalised Managerial Methods*, by F. Grundy and W. A. Reinke. *Applied Statistics*, 23 (3):445–446, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scott:1974:BRS

[380] J. F. Scott. Book reviews: *Statistics*, by Roger A. Carlson. *Applied Statistics*, 23 (3):446–447, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gentleman:1974:SAA

[381] W. Morven Gentleman. Statistical algorithms: Algorithm AS 75: Basic procedures for large, sparse or weighted linear least problems. *Applied Statistics*, 23(3): 448–454, September 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/75`. See remark [558].

Young:1974:SAA

[382] J. C. Young and Ch. E. Minder. Statistical algorithms: Algorithm AS 76: An integral useful in calculating noncentral t and bivariate normal probabilities. *Applied Statistics*, 23(3):455–457, September 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`. See remarks [747, 782, 874, 878, 883].

Venables:1974:SAA

[383] W. N. Venables. Statistical algorithms: Algorithm AS 77: Null distribution of the largest root statistic. *Applied Statistics*, 23(3):458–465, September 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/77`.

Gower:1974:SAA

[384] J. C. Gower. Statistical algorithms: Algorithm AS 78: The mediancentre. *Applied Statistics*, 23(3):466–470, September 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/78`.

Farebrother:1974:SAA

[385] R. W. Farebrother. Statistical algorithms: Algorithm AS 79: Gram–Schmidt regression. *Applied Statistics*, 23(3):470–476, September 1974. CODEN APSTAG. ISSN 0035-9254 (print),

1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/79`.

Farebrother:1974:SAR

[386] R. W. Farebrother and G. Berry. Statistical algorithms: Remark AS R12: A remark on Algorithm AS 6: Triangular decomposition of a symmetric matrix. *Applied Statistics*, 23(3):477, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/6`. See [3, 8, 748].

Anonymous:1974:SAC

[387] Anonymous. Statistical algorithms: Computational problems in statistics. *Applied Statistics*, 23(3):478, 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:BMPc

[388] Anonymous. Back matter. *Applied Statistics*, 23(3):[6], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1974:FMPc

[389] Anonymous. Front matter. *Applied Statistics*, 23(3):[3], 1974. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindsey:1975:LAT

[390] J. K. Lindsey. Likelihood analyses and tests for binary data. *Applied Statistics*, 24(1):1–16, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hart:1975:SAA

[391] R. A. Hart, J. Hutton, and T. Sharot. A statistical analysis of association football attendances. *Applied Statistics*, 24 (1):17–27, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pethybridge:1975:MLE

[392] R. J. Pethybridge. Maximum likelihood estimation of a linear regression function with grouped data. *Applied Statistics*, 24(1):28–41, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1975:CMF

[393] J. Taylor. Correction: A method of fitting several linear functional relations and of testing for differences between them. *Applied Statistics*, 24(1):41, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scott:1975:RAS

[394] J. R. Scott. A regression assessment statistic. *Applied Statistics*, 24(1):42–45, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Freeman:1975:AII

[395] G. H. Freeman. Analysis of interactions in incomplete two-way tables. *Applied Statistics*, 24(1):46–55, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

John:1975:CVT

[396] J. A. John and P. Prescott. Critical values of a test to detect outliers in factorial experiments. *Applied Statistics*, 24(1):56–59, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pearce:1975:RD

[397] S. C. Pearce. Row-and-column designs. *Applied Statistics*, 24(1):60–74, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Osborn:1975:MMA

[398] John Osborn. A multiplicative model for the analysis of vital statistics rates. *Applied Statistics*, 24(1):75–84, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1975:LMI

[399] Martin Crowder and Paul R. Grob. A logit model for infectious diseases. *Applied Statistics*, 24(1):85–94, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Barnett:1975:PPM

[400] V. Barnett. Probability plotting methods and order statistics. *Applied Statistics*, 24(1):95–108, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ratkowsky:1975:TSL

[401] D. A. Ratkowsky and G. R. Dolby. Taylor series linearization and scoring for parameters in nonlinear regression. *Applied Statistics*, 24(1):109–111, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McKenzie:1975:CGL

[402] J. McKenzie. A comparison of Gaussian and logistic categorical opinion distribution models. *Applied Statistics*, 24 (1):112–122, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Worsdale:1975:TCD

[403] Graham J. Worsdale. Tables of cumulative distribution functions for symmetric stable distributions. *Applied Statistics*, 24(1):123–131, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chay:1975:MUB

[404] S. C. Chay, R. D. Fardo, and M. Mazumdar. Miscellanea: On using the Box-Muller transformation with multiplicative congruential pseudo-random number generators. *Applied Statistics*, 24 (1):132–135, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bebbington:1975:MSM

[405] A. C. Bebbington. Miscellanea: A simple method of drawing a sample without replacement. *Applied Statistics*, 24(1):136, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morgan:1975:MSS

[406] R. W. Morgan. Miscellanea: Some stochastic models to describe the fertilization of an egg. *Applied Statistics*, 24 (1):137–138, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1975:BRB

[407] J. C. Gower. Book reviews: *Biometrical Interpretation*, by N. E. Gilbert. *Applied Statistics*, 24(1):139, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gower:1975:BRM

[408] J. C. Gower. Book reviews: *Méthodes et Programmes d'Analyse Discriminante*, by Jean-Marie Romeder. *Applied Statistics*, 24(1):139–140, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jephcott:1975:BRS

[409] J. St G. Jephcott. Book reviews: *Statistical Thinking: A Structural Approach*, by J. L. Phillips. *Applied Statistics*, 24 (1):140–141, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jephcott:1975:BRM

[410] J. St G. Jephcott. Book reviews: *Market Segmentation*, by R. E. Frank, W. F. Massey and Y. Wind. *Applied Statistics*, 24(1):141–142, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nicholson:1975:BRE

[411] R. J. Nicholson. Book reviews: Exeter — University and City, by F. M. M. Lewes and Anne Kirkness. *Applied Statistics*, 24(1):142, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cormack:1975:BRS

[412] R. M. Cormack. Book reviews: *Spatial Autocorrelation*, by A. D. Cliff and J. K. Ord. *Applied Statistics*, 24(1):142–143, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mardia:1975:SAAa

[413] K. V. Mardia and P. J. Zemroch. Statistical algorithms: Algorithm AS 80: Spherical statistics. *Applied Statistics*, 24(1):144–146, March 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/80`.

Mardia:1975:SAAb

[414] K. V. Mardia and P. J. Zemroch. Statistical algorithms: Algorithm AS 81: Circular statistics. *Applied Statistics*, 24 (1):147–150, March 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/81`.

Gower:1975:SAA

[415] J. C. Gower. Statistical algorithms: Algorithm AS 82: The determinant of an orthogonal matrix. *Applied Statistics*, 24 (1):150–153, March 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/82`.

Monro:1975:SAA

[416] Donald M. Monro. Statistical algorithms: Algorithm AS 83: Complex discrete fast Fourier transform. *Applied Statistics*, 24(1):153–160, March 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/83`.

Sparks:1975:SAR

[417] D. N. Sparks. Statistical algorithms: Remark AS R13: A remark on Algorithm AS 58: Euclidean cluster analysis. *Applied Statistics*, 24(1): 160–161, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/58`. See [244].

Anonymous:1975:BMPa

[418] Anonymous. Back matter. *Applied Statistics*, 24(1):[6], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1975:FMPa

[419] Anonymous. Front matter. *Applied Statistics*, 24(1):[7], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1975:VIP

[420] Anonymous. Volume information. *Applied Statistics*, 24(1):[3], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mardia:1975:AMR

[421] K. V. Mardia. Assessment of multinormality and the robustness of Hotelling's T^2 test. *Applied Statistics*, 24(2): 163–171, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Littlewood:1975:RMS

[422] B. Littlewood. A reliability model for systems with Markov structure. *Applied Statistics*, 24(2):172–177, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kass:1975:STA

[423] G. V. Kass. Significance testing in automatic interaction detection (A.I.D.). *Applied Statistics*, 24(2):178–189, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

John:1975:EMV

[424] J. A. John and P. Prescott. Estimating missing values in experiments. *Applied Statistics*, 24(2):190–192, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Plackett:1975:AP

[425] R. L. Plackett. The analysis of permutations. *Applied Statistics*, 24(2):193–202, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bather:1975:NPT

[426] J. A. Bather. A non-parametric test for Hertzian fracture data. *Applied Statistics*, 24(2):203–209, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prescott:1975:SAS

[427] P. Prescott. A simple alternative to Student's t. *Applied Statistics*, 24(2): 210–217, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindley:1975:EED

[428] D. V. Lindley. The effect of ethical design considerations on statistical analysis. *Applied Statistics*, 24(2):218–228, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jacobsen:1975:QRC

[429] M. Jacobsen. Quantifying radiological changes in simple pneumoconiosis. *Applied Statistics*, 24(2):229–249, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fabrycy:1975:MMC

[430] Mark Z. Fabrycy. Miscellanea: Multicollinearity caused by specification errors. *Applied Statistics*, 24(2):250–254, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See comments [606].

McLeod:1975:MDT

[431] Ian McLeod. Miscellanea: Derivation of the theoretical autocovariance function of autoregressive moving average time series. *Applied Statistics*, 24(2):255–256, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kerridge:1975:MIR

[432] D. Kerridge. Miscellanea: The interpretation of rank correlations. *Applied Statistics*, 24(2):257–258, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1975:AWP

[433] J. A. Nelder. Announcement by the working party on statistical computing: GLIM (generalized linear interactive modelling program). *Applied Statistics*, 24(2):259–261, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mardia:1975:SAAc

[434] K. V. Mardia and P. J. Zemroch. Statistical algorithms: Algorithm AS 84: Measures of multivariate skewness and kurtosis. *Applied Statistics*, 24(2):262–265, June 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/84`.

Bukac:1975:SAA

[435] J. Bukač. Statistical algorithms: Algorithm AS 85: Critical values of the sign test. *Applied Statistics*, 24(2):265–267, June 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/85`.

Mardia:1975:SAAd

[436] K. V. Mardia and P. J. Zemroch. Statistical algorithms: Algorithm AS 86: The von Mises distribution function. *Applied Statistics*, 24(2):268–272, June 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/86`.

Martinson:1975:SAA

[437] E. O. Martinson and M. A. Hamdan. Statistical algorithms: Algorithm AS 87: Calculation of the polychoric estimate of correlation in contingency tables. *Applied Statistics*, 24(2):272–278, June 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/87`. See remark [592].

Anonymous:1975:BMPb

[438] Anonymous. Back matter. *Applied Statistics*, 24(2):[6], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1975:FMPb

[439] Anonymous. Front matter. *Applied Statistics*, 24(2):[3], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Upton:1975:DOP

[440] G. J. G. Upton and D. Brook. The determination of the optimum position on a ballot paper. *Applied Statistics*, 24 (3):279–287, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1975:EIE

[441] Morton B. Brown. Exploring interaction effects in the ANOVA. *Applied Statistics*, 24(3):288–298, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hegazy:1975:SNG

[442] Y. A. S. Hegazy and J. R. Green. Some new goodness-of-fit tests using order statistics. *Applied Statistics*, 24 (3):299–308, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hart:1975:CSA

[443] R. A. Hart, J. Hutton, and T. Sharot. Correction: A statistical analysis of association football attendances. *Applied Statistics*, 24(3):308, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rodda:1975:OCO

[444] B. E. Rodda, C. B. Sampson, and D. W. Smith. The one-compartment open model: some statistical aspects of parameter estimation. *Applied Statistics*, 24(3):309–318, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Carter:1975:EMB

[445] Michael C. Carter and William O. Williford. Estimation in a modified binomial distribution. *Applied Statistics*, 24 (3):319–328, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Robinson:1975:DAC

[446] D. Robinson. Divination in ancient china. *Applied Statistics*, 24(3):329–332, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chan:1975:SSE

[447] W.-Y. T. Chan and H. Tong. A simulation study of the estimation of evolutionary spectral functions. *Applied Statistics*, 24(3):333–341, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Heeler:1975:SNU

[448] Roger M. Heeler and George S. Day. A supplementary note on the use of cluster analysis for stratification. *Applied Statistics*, 24(3):342–344, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Yeomans:1975:FOS

[449] K. A. Yeomans and P. A. Golder. Further observations on the stratification of birmingham wards by clustering: A riposte. *Applied Statistics*, 24(3):345–346, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McCormick:1975:MNE

[450] G. F. McCormick and V. A. Sposito. Miscellanea: A note on L_1 estimation based on the median positive quotient.

Applied Statistics, 24(3):347–350, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bryce:1975:MMA

[451] G. Rex Bryce. Miscellanea: MAD: an analysis of variance program for unbalanced designs. *Applied Statistics*, 24 (3):350–352, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Balmer:1975:MOD

[452] D. W. Balmer. Miscellanea: An observation on the disaggregation of annual time series data. *Applied Statistics*, 24 (3):352–354, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chanter:1975:MMA

[453] D. O. Chanter. Miscellanea: Modifications of the angular transformation. *Applied Statistics*, 24(3):354–359, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1975:BRT

[454] I. D. Hill. Book reviews: Tables for Bayesian Statisticians, by Gerald L. Issacs, David E. Christ, Melvin R. Novick and Paul H. Jackson. *Applied Statistics*, 24(3):360–361, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hiorns:1975:BRD

[455] R. W. Hiorns. Book reviews: *Demographic Data Collection: A Summary of Experience*, by William Seltzer. *Applied Statistics*, 24(3):361, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Healy:1975:BRT

[456] M. J. R. Healy. Book reviews: *Time-Series*, by M. G. Kendall. *Applied Statistics*, 24(3):361–362, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Paige:1975:BRU

[457] W. J. Paige. Book reviews: *Uncertainty, Calibration and Probability*, by C. F. Dietrich. *Applied Statistics*, 24(3):362–363, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ashford:1975:BRM

[458] J. R. Ashford. Book reviews: *An MMPI Source Book. Basic Item, Scale and Pattern Data on 50,000 Medical Patients*, by Wendell M. Swenson, John S. Pearson and David Osborne. *Applied Statistics*, 24(3):363, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Thewlis:1975:BRS

[459] D. J. Thewlis. Book reviews: *Systems Analysis and Design Using Network Techniques*, by Gary E. Whitehouse. *Applied Statistics*, 24(3):363–364, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wetherill:1975:BRQ

[460] G. B. Wetherill. Book reviews: *Quality Control and Industrial Statistics*, by Acheson J. Duncan. *Applied Statistics*, 24(3):364–365, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Computing:1975:CDA

[461] The Working Party on Statistical Computing. The construction and description of algorithms. *Applied Statistics*, 24 (3):366–373, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gentleman:1975:SAA

[462] Jane F. Gentleman. Statistical algorithms: Algorithm AS 88: Generation of all ${}_NC_R$ combinations by simulating nested Fortran DO loops. *Applied Statistics*, 24(3):374–376, September 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/88`.

Best:1975:SAAa

[463] D. J. Best and D. E. Roberts. Statistical algorithms: Algorithm AS 89: The upper tail probabilities of Spearman's rho. *Applied Statistics*, 24(3):377–379, September 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/89`.

Bohrer:1975:SAA

[464] Robert Bohrer. Statistical algorithms: Algorithm AS 90: One-sided multivariable inference. *Applied Statistics*, 24(3):380–384, September 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/90`.

Best:1975:SAAb

[465] D. J. Best and D. E. Roberts. Statistical algorithms: Algorithm AS 91: The percentage points of the χ^2 distribution. *Applied Statistics*, 24(3):385–388, September 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/91`.

Brooker:1975:SAA

[466] P. Brooker and M. J. P. Selby. Statistical algorithms: Algorithm AS 92: The sample size for a distribution-free tolerance interval. *Applied Statistics*, 24(3): 388–390, September 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/92`.

Gower:1975:SAC

[467] J. C. Gower. Statistical algorithms: Correction: AS 78: The mediancentre. *Applied Statistics*, 24(3):390, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1975:SAL

[468] Anonymous. Statistical algorithms: List of applied statistics algorithms. *Applied Statistics*, 24(3):391–394, 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1975:BMPc

[469] Anonymous. Back matter. *Applied Statistics*, 24(3):[2], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1975:FMPc

[470] Anonymous. Front matter. *Applied Statistics*, 24(3):[3], 1975. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1976:ESS

[471] G. H. Brown. The efficiency of stratified sampling in the estimation of parameters for a bivariate normal population. *Applied Statistics*, 25(1):1–7, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Selvin:1976:GEP

[472] Steve Selvin. A graphical estimate of the population mean from censored normal data. *Applied Statistics*, 25(1):8–11, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Golder:1976:BMM

[473] E. R. Golder and J. G. Settle. The Box-Muller method for generating pseudo-random normal deviates. *Applied Statistics*, 25(1):12–20, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hutchinson:1976:CTT

[474] T. P. Hutchinson. Combining two-tailed rank-correlation statistics. *Applied Statistics*, 25(1):21–25, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Charlton:1976:CL

[475] P. Charlton and A. S. C. Ehrenberg. Customers of the LEP. *Applied Statistics*, 25(1):26–30, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morgan:1976:MPS

[476] B. J. T. Morgan. Markov properties of sequences of behaviours. *Applied Statistics*, 25(1):31–36, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1976:SEM

[477] Morton B. Brown. Screening effects in multidimensional contingency tables. *Applied Statistics*, 25(1):37–46, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Barnett:1976:CPP

[478] V. Barnett. Convenient probability plotting positions for the normal distribution. *Applied Statistics*, 25(1):47–50, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hawkins:1976:PEP

[479] Douglas M. Hawkins. Point estimation of the parameters of piecewise regression models. *Applied Statistics*, 25(1):51–57, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Steinijans:1976:MSP

[480] Volker W. Steinijans. Miscellanea: A stochastic point-process model for the occurrence of major freezes in lake constance. *Applied Statistics*, 25(1):58–61, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

John:1976:MMV

[481] J. A. John and S. M. Lewis. Miscellanea: Mixed-up values in experiments. *Applied Statistics*, 25(1):61–63, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1976:MSD

[482] A. A. Greenfield. Miscellanea: Selection of defining contrasts in two-level experiments. *Applied Statistics*, 25(1):64–67,

1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farebrother:1976:LE

[483] R. W. Farebrother. Letter to the editors. *Applied Statistics*, 25(1):68, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fletcher:1976:BRI

[484] R. Fletcher. Book reviews: *Introduction to Optimization Methods*, by P. R. Adby and M. A. H. Dempster. *Applied Statistics*, 25(1):69, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tippett:1976:BRS

[485] L. H. C. Tippett. Book reviews: *Statistical Handbook for Non-Statisticians*, by Ray Meddis. *Applied Statistics*, 25(1): 69, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sibson:1976:BRC

[486] Robin Sibson. Book reviews: *Clustering Algorithms*, by J. A. Hartigan. *Applied Statistics*, 25(1):70, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bartholomew:1976:BRM

[487] D. J. Bartholomew. Book reviews: *Measurement in the Social Sciences: Theories and Strategies*, by H. M. Blalock. *Applied Statistics*, 25(1):70–71, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morgan:1976:BRD

[488] R. W. Morgan. Book reviews: *Data Analysis for Scientists and Engineers*, by Stuart L. Meyer. *Applied Statistics*, 25(1):71, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1976:BRS

[489] Graham Watts. Book reviews: *Statistical Analysis for Business Decisions*, by William A. Spurr and Charles P. Bonini. *Applied Statistics*, 25(1):71–72, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pollock:1976:BRB

[490] K. H. Pollock. Book reviews: *Biostatistics: A Foundation for Analysis in the Health Sciences*, by Wayne W. Daniel. *Applied Statistics*, 25(1):72, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ehrenberg:1976:BRE

[491] A. S. C. Ehrenberg. Book reviews: *Essentials of Statistics in Marketing*, by C. S. Greensted, A. K. S. Jardine and J. D. MacFarlane. *Applied Statistics*, 25(1): 73, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1976:BRD

[492] J. Taylor. Book reviews: *Design of Experiments: A Realistic Approach*, by Virgil L. Anderson and Robert A. McLean. *Applied Statistics*, 25(1):73–74, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1976:BRA

[493] C. Chatfield. Book reviews: *Applied Statistics*, by R. P. Gupta. *Applied Statistics*, 25(1):74, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dinneen:1976:SAA

[494] L. C. Dinneen and B. C. Blakesley. Statistical algorithms: Algorithm AS 93: A generator for the null distribution of the Ansari-Bradley W statistic. *Applied Statistics*, 25(1):75–81, March 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/93`.

McLaren:1976:SAA

[495] Mara L. McLaren. Statistical algorithms: Algorithm AS 94: Coefficients of the zonal polynomials. *Applied Statistics*, 25(1):82–87, March 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/94`.

Benn:1976:SAA

[496] R. T. Benn and Susan Sidebottom. Statistical algorithms: Algorithm AS 95: Maximum-likelihood estimation of location and scale parameters from grouped data. *Applied Statistics*, 25(1):88–93, March 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/95`.

Nelder:1976:SAA

[497] J. A. Nelder. Statistical algorithms: Algorithm AS 96: A simple algorithm for scaling graphs. *Applied Statistics*, 25(1): 94–96, March 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/96`.

Sposito:1976:SAR

[498] V. A. Sposito. Statistical algorithms: Remark AS R14: A remark on Algorithm AS 74: "L_1-Norm Fit of a Straight Line". *Applied Statistics*, 25 (1):96–97, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/74`. See [346].

Benyon:1976:SAR

[499] P. R. Benyon. Statistical algorithms: Remark AS R15: Function minimization using a simplex procedure. *Applied Statistics*, 25(1):97, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [137, 348, 349].

Anonymous:1976:SARa

[500] Anonymous. Statistical algorithms: Recent statistical algorithms. *Applied Statistics*, 25(1):98–101, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:BMPa

[501] Anonymous. Back matter. *Applied Statistics*, 25(1):[4], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:FMPa

[502] Anonymous. Front matter. *Applied Statistics*, 25(1):[5], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:VIP

[503] Anonymous. Volume information. *Applied Statistics*, 25(1):[3], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Scott:1976:ATU

[504] A. J. Scott and M. Knott. An approximate test for use with AID. *Applied*

Statistics, 25(2):103–106, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brubacher:1976:ITS

[505] S. R. Brubacher and G. Tunnicliffe Wilson. Interpolating time series with application to the estimation of holiday effects on electricity demand. *Applied Statistics*, 25(2):107–116, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kalmijn:1976:SCR

[506] W. M. Kalmijn. Simultaneous confidence regions for repeat preference testing. *Applied Statistics*, 25(2):117–122, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Yamamoto:1976:AMS

[507] Taku Yamamoto. Asymptotic mean square prediction error for an autoregressive model with estimated coefficients. *Applied Statistics*, 25(2):123–127, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lawless:1976:CIE

[508] J. F. Lawless. Confidence interval estimation in the inverse power law model. *Applied Statistics*, 25(2):128–138, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1976:ALR

[509] J. N. R. Jeffers, Doreen M. Howard, and P. J. A. Howard. An analysis of litter respiration at different temperatures. *Applied Statistics*, 25(2):139–146, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rosenfeld:1976:ITS

[510] Gerald Rosenfeld. Identification of time series with infinite variance. *Applied Statistics*, 25(2):147–153, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sposito:1976:MSC

[511] V. A. Sposito and W. C. Smith. Miscellanea: On a sufficient condition and a necessary condition for L_1 estimation. *Applied Statistics*, 25(2):154–157, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dolby:1976:MCB

[512] G. R. Dolby. Miscellanea: The connection between methods of estimation in implicit and explicit nonlinear models. *Applied Statistics*, 25(2):157–162, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bissell:1976:BRR

[513] Derek Bissell. Book reviews: *Reading and Understanding Applied Statistics: A Self-Learning Approach*, by Sidney M. Stahl and James D. Hennes. *Applied Statistics*, 25(2):163, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jeffers:1976:BRS

[514] J. N. R. Jeffers. Book reviews: *Statistical and Mathematical Aspects of Pollution Problems*, by John W. Pratt. *Applied Statistics*, 25(2):164, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1976:BRS

[515] J. Taylor. Book reviews: *Statistical Methods in Animal Sciences*, by V. N. Amble. *Applied Statistics*, 25 (2):164–165, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sharot:1976:BRS

[516] T. Sharot. Book reviews: *Statistics and Econometrics: A Problem-Solving Text*, by Barry R. Chiswick and Stephen J. Chiswick. *Applied Statistics*, 25(2):165, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Monro:1976:SAA

[517] Donald M. Monro. Statistical algorithms: Algorithm AS 97: Real discrete fast Fourier transform. *Applied Statistics*, 25(2):166–172, June 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/97`.

Golder:1976:SAA

[518] E. R. Golder. Statistical algorithms: Algorithm AS 98: The spectral test for the evaluation of congruential pseudo-random generators. *Applied Statistics*, 25(2):173–180, June 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/98`. See remark [559, 745].

Hill:1976:SAAa

[519] I. D. Hill, R. Hill, and R. L. Holder. Statistical algorithms: Algorithm AS 99: Fitting Johnson curves by moments. *Applied Statistics*, 25(2):180–189, June 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/99`. See remark [856].

Hill:1976:SAAb

[520] I. D. Hill. Statistical algorithms: Algorithm AS 100: Normal-Johnson and Johnson-normal transformations. *Applied Statistics*, 25(2):190–192, June 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/100`. See remark [856, 869].

Haberman:1976:SAC

[521] S. J. Haberman. Statistical algorithms: Correction to AS 51: Log-linear fit for contingency tables. *Applied Statistics*, 25(2):193, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wedderburn:1976:SAR

[522] R. W. M. Wedderburn. Statistical algorithms: Remark AS R16: A remark on Algorithm AS 29: "The Runs Up and Down Test". *Applied Statistics*, 25(2):193, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/29`. See [50].

Anonymous:1976:BMPb

[523] Anonymous. Back matter. *Applied Statistics*, 25(2):[2], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:FMPb

[524] Anonymous. Front matter. *Applied Statistics*, 25(2):[3], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Box:1976:CFA

[525] G. E. P. Box and G. C. Tiao. Comparison of forecast and actuality. *Applied Statistics*, 25(3):195–200, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Reilly:1976:NCP

[526] Park M. Reilly. The numerical computation of posterior distributions in Bayesian statistical inference. *Applied Statistics*, 25(3):201–209, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nash:1976:PCR

[527] J. C. Nash and L. P. Lefkovitch. Principal components and regression by singular value decomposition on a small computer. *Applied Statistics*, 25(3):210–216, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gilchrist:1976:UVC

[528] Robert Gilchrist. The use of verbal-call systems to call patients from waiting areas to consulting rooms. *Applied Statistics*, 25(3):217–227, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Collett:1976:SNO

[529] D. Collett and T. Lewis. The subjective nature of outlier rejection procedures. *Applied Statistics*, 25(3):228–237, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Titterington:1976:UDS

[530] D. M. Titterington. Updating a diagnostic system using unconfirmed cases. *Applied Statistics*, 25(3):238–247, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wichern:1976:CVF

[531] Dean W. Wichern, Robert B. Miller, and Der-Ann Hsu. Changes of variance in first-order autoregressive time series models — with an application. *Applied Statistics*, 25(3):248–256, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Robert:1976:UTL

[532] P. Robert and Y. Escoufier. A unifying tool for linear multivariate statistical methods: The RV- coefficient. *Applied Statistics*, 25(3):257–265, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Simon:1976:CSS

[533] Gary Simon. Computer simulation swindles, with applications to estimates of location and dispersion. *Applied Statistics*, 25(3):266–274, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Desu:1976:SSD

[534] M. M. Desu, Subhash C. Narula, and Bernardo Villarreal. Sample size determination for estimation of guarantee times. *Applied Statistics*, 25(3):275–279, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Leger:1976:CTT

[535] A. S. St Leger. Comparison of two tests for seasonality in epidemiological data. *Applied Statistics*, 25(3):280–286, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Burch:1976:MSS

[536] C. R. Burch and I. T. Parsons. Miscellanea: "squeeze" significance tests. *Applied Statistics*, 25(3):287–291, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lozy:1976:MEE

[537] Mohamed El Lozy. Miscellanea: An extension of Ehrenberg's relations between mean weights and heights. *Applied Statistics*, 25(3):291–295, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Darby:1976:MTS

[538] S. C. Darby and M. J. Ellis. Miscellanea: A test for synergism between two drugs. *Applied Statistics*, 25(3):296–299, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Skegg:1976:BRI

[539] D. C. G. Skegg. Book reviews: *An Introduction to Epidemiology*, by Michael Alderson. *Applied Statistics*, 25(3):300, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Stern:1976:BRS

[540] G. J. A. Stern. Book reviews: *Statistical Methods for Engineers and Scientists*, by Robert M. Bethea, Benjamin S. Duran and Thomas L. Boullion. *Applied Statistics*, 25(3):300–301, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Patterson:1976:BRD

[541] H. D. Patterson. Book reviews: *Developments in Field Experiment Design and Analysis*, by V. J. Bofinger and J. L. Wheeler. *Applied Statistics*, 25(3):301, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Healy:1976:BRA

[542] M. J. R. Healy. Book reviews: *The Analysis of Time Series: Theory and Practice*, by C. Chatfield. *Applied Statistics*, 25(3):301–302, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1976:BRD

[543] D. N. Sparks. Book reviews: *Data Reduction-Analysis and Interpreting Statistical Data*, by A. S. C. Ehrenberg. *Applied Statistics*, 25(3):302–303, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lee:1976:BRS

[544] P. N. Lee. Book reviews: *Survival Distributions: Reliability Applications in the Biomedical Sciences*, by Alan J. Gross and Virginia A. Clark. *Applied Statistics*, 25(3):303, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fox:1976:BRF

[545] W. Fox. Book reviews: *Fundamental Statistics for Psychology: First Course for Students of Psychology and Education*, by R. B. McCall. *Applied Statistics*, 25(3):304, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Maher:1976:BRB

[546] Michael J. Maher. Book reviews: *Basic Operational Research. 2 Edition*, by P. G. Moore. *Applied Statistics*, 25 (3):304–305, 1976. CODEN APSTAG.

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

Horsfield:1976:BRA

[547] S. Horsfield. Book reviews: *Applied Multivariate Analysis and Experimental Designs*, by N. Krishnan Namboodiri, L. F. Carter and H. M. Blalock, *Jr. *Applied Statistics*, 25(3):305–306, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brigden:1976:BRE

[548] M. E. Brigden. Book reviews: *Elementary Dynamic Programming*, by John M. Norman. *Applied Statistics*, 25(3):306, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kempton:1976:BRE

[549] R. A. Kempton. Book reviews: *Ecological Diversity*, by E. C. Pielou. *Applied Statistics*, 25(3):306–307, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1976:BRS

[550] A. Springall. Book reviews: *Sample Size Choice: Charts for Experiments with Linear Models*, by R. E. Odeh and M. Fox. *Applied Statistics*, 25(3):307–308, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:BRS

[551] Anonymous. Book reviews: Statistical Inference, by S. D. Silvey. *Applied Statistics*, 25(3):308, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1976:BRP

[552] D. N. Sparks. Book reviews: *Principal Sources of Marketing Information*, by Christine Hull. *Applied Statistics*, 25(3):308, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1976:BRE

[553] G. Watts. Book reviews: *Econometrics and Economic Theory-Essays in Honour of Jan Tinbergen*, by Willy Sellekaerts. *Applied Statistics*, 25(3):308, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Narula:1976:SAA

[554] Subhash C. Narula and M. M. Desu. Statistical algorithms: Algorithm AS 101: Distribution-free confidence intervals. *Applied Statistics*, 25(3):309–312, September 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/101`.

Banfield:1976:SAA

[555] C. F. Banfield. Statistical algorithms: Algorithm AS 102: Ultrametric distances for a single linkage dendrogram. *Applied Statistics*, 25(3):313–315, September 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/102`.

Bernardo:1976:SAA

[556] J. M. Bernardo. Statistical algorithms: Algorithm AS 103: Psi (digamma) function. *Applied Statistics*, 25(3):315–317, September 1976. CODEN APSTAG.

ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/103`.

Farebrother:1976:SAA

[557] R. W. Farebrother. Statistical algorithms: Algorithm AS 104: BLUS residuals. *Applied Statistics*, 25(3):317–322, September 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/104`.

Farebrother:1976:SAR

[558] R. W. Farebrother. Statistical algorithms: Remark AS R17: Recursive residuals — A remark on Algorithm AS 75: Basic procedures for large, sparse or weighted linear least squares problems. *Applied Statistics*, 25(3): 323–324, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/75`. See [381].

Golder:1976:SAR

[559] E. R. Golder. Statistical algorithms: Remark AS R18: The spectral test for the evaluation of congruential pseudo-random generators. *Applied Statistics*, 25(3):324, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [518, 745].

Anonymous:1976:SARb

[560] Anonymous. Statistical algorithms: Recent statistical algorithms. *Applied Statistics*, 25(3):325–327, 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:BMPc

[561] Anonymous. Back matter. *Applied Statistics*, 25(3):[2], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1976:FMPc

[562] Anonymous. Front matter. *Applied Statistics*, 25(3):[3], 1976. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Machin:1977:CML

[563] David Machin and Barry Sanderson. Computing maximum-likelihood estimates for the parameters of the de Wit competition model. *Applied Statistics*, 26(1):1–8, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nash:1977:DAL

[564] J. C. Nash. A discrete alternative to the logistic growth function. *Applied Statistics*, 26(1):9–14, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aitchison:1977:CCT

[565] J. Aitchison, J. D. F. Habbema, and J. W. Kay. A critical comparison of two methods of statistical discrimination. *Applied Statistics*, 26(1):15–25, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kilpatrick:1977:ESD

[566] S. James Kilpatrick, Jr. An empirical study of the distribution of episodes of illness recorded in the 1970–71 national morbidity survey. *Applied Statistics*, 26(1):26–33, 1977. CODEN AP-

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

Mansfield:1977:AVS

[567] E. R. Mansfield, J. T. Webster, and R. F. Gunst. An analytic variable selection technique for principal component regression. *Applied Statistics*, 26(1):34–40, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Murphy:1977:RSP

[568] Allan H. Murphy and Robert L. Winkler. Reliability of subjective probability forecasts of precipitation and temperature. *Applied Statistics*, 26(1):41–47, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gudmundsson:1977:MAE

[569] G. Gudmundsson. Multivariate analysis of economic variables. *Applied Statistics*, 26(1):48–59, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rubin:1977:CPD

[570] Donald B. Rubin and T. W. F. Stroud. The calculation of the posterior distribution of the cell means in a two-way unbalanced MANOVA. *Applied Statistics*, 26(1):60–66, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hinkley:1977:MQC

[571] David Hinkley. Miscellanea: On quick choice of power transformation. *Applied Statistics*, 26(1):67–69, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Patefield:1977:MIM

[572] W. M. Patefield. Miscellanea: On the information matrix in the linear functional relationship problem. *Applied Statistics*, 26(1):69–70, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cheng:1977:MGG

[573] R. C. H. Cheng. Miscellanea: The generation of gamma variables with non-integral shape parameter. *Applied Statistics*, 26(1):71–75, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Page:1977:MAC

[574] E. Page. Miscellanea: Approximations to the cumulative normal function and its inverse for use on a pocket calculator. *Applied Statistics*, 26(1):75–76, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anderson:1977:MRC

[575] O. D. Anderson. Miscellanea: A report on the 1976 Cambridge Forecasting Conference. *Applied Statistics*, 26(1):76–79, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ehrenberg:1977:BRA

[576] A. S. C. Ehrenberg. Book reviews: *Assessment of Skeletal Maturity and Prediction of Adult Height (TW2 Method)*, by J. M. Tanner, R. H. Whitehouse, W. A. Marshall, M. J. R. Healy and H. Goldstein. *Applied Statistics*, 26(1):80, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lee:1977:BRI

[577] P. N. Lee. Book reviews: *Interpretation and Uses of Medical Statistics*, by G. J. Bourke and J. McGilvray. *Applied Statistics*, 26(1):81, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mead:1977:BRB

[578] R. Mead. Book reviews: *Biomathematics: An Introduction*, by David Machin. *Applied Statistics*, 26(1):81–82, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bowen:1977:BRD

[579] K. C. Bowen. Book reviews: *Decision Methodology: A Formalization of the OR Process*, by D. J. White. *Applied Statistics*, 26(1):82, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Banfield:1977:BRG

[580] C. F. Banfield. Book reviews: *Geological Factor Analysis (Methods in Geomathematics 1)*, by K. G. Joreskog, J. E. Klovan and R. A. Reyment. *Applied Statistics*, 26(1):82–83, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wanhill:1977:BRA

[581] Stephen Wanhill. Book reviews: *Applied Econometrics*, by Meghnad Desai. *Applied Statistics*, 26(1):83–84, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1977:BRS

[582] I. D. Hill. Book reviews: *Significance Tests*, by Evelyn Caulcott. *Applied Statistics*, 26(1):84–85, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McPherson:1977:BRS

[583] Klim McPherson. Book reviews: *Sequential Methods in Statistics. 2nd Edition*, by G. Barrie Wetherill. *Applied Statistics*, 26(1):85, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Radcliffe:1977:BRM

[584] J. Radcliffe. Book reviews: *The Mathematical Theory of Infectious Diseases and its Applications. 2nd Edition*, by Norman T. J. Bailey. *Applied Statistics*, 26(1):85–87, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wermuth:1977:SAA

[585] Nanny Wermuth and Eberhard Scheidt. Statistical algorithms: Algorithm AS 105: Fitting a covariance selection model to a matrix. *Applied Statistics*, 26(1):88–92, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/105`.

Sheil:1977:SAA

[586] J. Sheil and I. O'Muircheartaigh. Statistical algorithms: Algorithm AS 106: The distribution of non-negative quadratic forms in normal variables. *Applied Statistics*, 26(1):92–98, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/106`. See remark [872].

Leventhal:1977:SAA

[587] B. Leventhal. Statistical algorithms: Algorithm AS 107: Operating characteristics and average sampling number for a general class of sequential sampling plans. *Applied Statistics*, 26(1): 98–106, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/107`.

Narula:1977:SAA

[588] Subhash C. Narula and John F. Wellington. Statistical algorithms: Algorithm AS 108: Multiple linear regression with minimum sum of absolute errors. *Applied Statistics*, 26(1):106–111, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/108`. See remark [746, 879].

Cran:1977:SAR

[589] 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 [295, 296, 886].

Sposito:1977:SAA

[590] V. A. Sposito, W. J. Kennedy, and J. E. Gentle. Statistical algorithms: Algorithm AS 110: L_p norm fit of a straight line. *Applied Statistics*, 26(1): 114–118, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/110`. See remark [781].

Beasley:1977:SAA

[591] J. D. Beasley and S. G. Springer. Statistical algorithms: Algorithm AS 111: The percentage points of the normal distribution. *Applied Statistics*, 26(1):118–121, March 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/111`.

Beardwood:1977:SAR

[592] Jillian E. Beardwood. Statistical algorithms: Remark AS R20: A remark on Algorithm AS 87: Calculation of the polychoric estimate of correlation in contingency tables. *Applied Statistics*, 26(1):121, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/87`. See [437].

Swan:1977:SAR

[593] A. V. Swan. Statistical algorithms: Remark AS R21: A remark on Algorithm AS 16 maximum likelihood estimation from grouped and censored normal data. *Applied Statistics*, 26(1):122, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/16`. See [7, 880].

Anonymous:1977:SAR

[594] Anonymous. Statistical algorithms: Recent statistical algorithms. *Applied Statistics*, 26(1):122–123, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1977:BMPa

[595] Anonymous. Back matter. *Applied Statistics*, 26(1):[4], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1977:FMPa

[596] Anonymous. Front matter. *Applied Statistics*, 26(1):[3], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1977:VIP

[597] Anonymous. Volume information. *Applied Statistics*, 26(1):[3], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Oldham:1977:FWS

[598] P. D. Oldham and D. J. Newell. Fluoridation of water supplies and cancer — A possible association? *Applied Statistics*, 26(2):125–135, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Johnston:1977:AUP

[599] B. Johnston and C. Schwartz. The analysis of an unbalanced paired comparison experiment by multiple regression. *Applied Statistics*, 26(2):136–142, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Vieira:1977:CLG

[600] S. Vieira and R. Hoffmann. Comparison of the logistic and the Gompertz growth functions considering additive and multiplicative error terms. *Applied Statistics*, 26(2):143–148, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

North:1977:NCM

[601] Philip M. North. A novel clustering method for estimating numbers of bird territories. *Applied Statistics*, 26 (2):149–155, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pettitt:1977:TNS

[602] A. N. Pettitt. Testing the normality of several independent samples using the Anderson–Darling statistic. *Applied Statistics*, 26(2):156–161, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Horsnell:1977:PCP

[603] Gareth Horsnell. Paired comparison product testing when individual preferences are stochastic: An alternative model. *Applied Statistics*, 26(2): 162–172, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ansley:1977:CTB

[604] C. F. Ansley, W. A. Spivey, and W. J. Wrobleski. A class of transformations for Box-Jenkins seasonal models. *Applied Statistics*, 26(2):173–178, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rosner:1977:EIC

[605] B. Rosner, A. Donner, and C. H. Hennekens. Estimation of interclass correlation from familial data. *Applied Statistics*, 26(2):179–187, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Harvey:1977:MSC

[606] A. C. Harvey. Miscellanea: Some comments on multicollinearity in regression. *Applied Statistics*, 26(2):188–191, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [430].

Mitchell:1977:MPB

[607] M. S. Mitchell. Miscellanea: The probability of being the lowest bidder. *Applied Statistics*, 26(2):191–194, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McLeod:1977:CDT

[608] Ian McLeod. Correction: Derivation of the theoretical autocovariance function of autoregressive-moving average time series. *Applied Statistics*, 26(2):194, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kalton:1977:BRB

[609] Graham Kalton. Book reviews: *Basic Ideas of Scientific Sampling (2nd Edition)*, by Alan Stuart. *Applied Statistics*, 26(2):195, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1977:BRM

[610] D. N. Sparks. Book reviews: *Multivariate Analysis*, by Maurice Kendall. *Applied Statistics*, 26(2):195, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1977:BRT

[611] D. N. Sparks. Book reviews: Time Series (2nd Edition), by Maurice Kendall. *Applied Statistics*, 26(2):195, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Clark:1977:BRF

[612] C. J. Clark. Book reviews: *Forecasting for Business: Methods and Applications*, by Douglas Wood and Robert Fildes. *Applied Statistics*, 26(2):196, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1977:BRQ

[613] G. Watts. Book reviews: *Quantitative Methods for Business Decisions*, by Lawrence L. Lapin. *Applied Statistics*, 26(2):196, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Neal:1977:BRP

[614] Don Neal. Book reviews: *Probability Sampling of Hospitals and Patients (2nd Edition)*, by Irene Hess, Donald C. Riedel and Thomas B. Fitzpatrick. *Applied Statistics*, 26(2):196–197, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Paddle:1977:BRA

[615] G. M. Paddle. Book reviews: *Applications of Statistics to Industrial Experimentation*, by C. Daniel. *Applied Statistics*, 26(2):197, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jephcott:1977:BRS

[616] J. St G. Jephcott. Book reviews: *Statistical Theory of Sample Survey Design and Analysis*, by H. S. Konijn. *Applied Statistics*, 26(2):198, 1977. CODEN AP-

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

Watts:1977:BRG

[617] G. Watts. Book reviews: *Guide to Official Statistics*, by Central Statistical Office. *Applied Statistics*, 26(2):198, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Baker:1977:SAA

[618] R. J. Baker. Statistical algorithms: Algorithm AS 112: Exact distributions derived from two-way tables. *Applied Statistics*, 26(2):199–206, June 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/112`. See remarks [857, 877].

Banfield:1977:SAA

[619] C. F. Banfield and L. C. Bassill. Statistical algorithms: Algorithm AS 113: A transfer for non-hierarchical classification. *Applied Statistics*, 26(2):206–210, June 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/113`.

Leathers:1977:SAAa

[620] Burton L. Leathers. Statistical algorithms: Algorithm AS 114: Computing the numerator of ordinal measures of association when the data are ordered categories. *Applied Statistics*, 26(2):211–213, June 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/114`.

Baptista:1977:SAA

[621] Joyce Baptista and M. C. Pike. Statistical algorithms: Algorithm AS 115: Exact two-sided confidence limits for the odds ratio in a 2×2 table. *Applied Statistics*, 26(2):214–220, June 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/115`.

Hill:1977:SAR

[622] I. D. Hill and Richard Peto. Statistical algorithms: Remark AS R22: A remark on Algorithm AS 35: "Probabilities Derived from Finite Populations". *Applied Statistics*, 26(2):221–226, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/35`. See [88, 138, 218].

Anonymous:1977:BMPb

[623] Anonymous. Back matter. *Applied Statistics*, 26(2):[5], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1977:FMPb

[624] Anonymous. Front matter. *Applied Statistics*, 26(2):[3], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kay:1977:PHR

[625] R. Kay. Proportional hazard regression models and the analysis of censored survival data. *Applied Statistics*, 26(3):227–237, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mardia:1977:SCB

[626] K. V. Mardia and R. J. Gadsden. A small circle of best fit for spherical data and areas of vulcanism. *Applied Statistics*, 26(3):238–245, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Murray:1977:CNS

[627] Gordon D. Murray. A cautionary note on selection of variables in discriminant analysis. *Applied Statistics*, 26 (3):246–250, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Payne:1977:GAA

[628] R. W. Payne and G. N. Wilkinson. A general algorithm for analysis of variance. *Applied Statistics*, 26(3):251–260, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sunter:1977:LSS

[629] A. B. Sunter. List sequential sampling with equal or unequal probabilities without replacement. *Applied Statistics*, 26 (3):261–268, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

OCarroll:1977:SPS

[630] F. M. O'Carroll. Subjective probabilities and short-term economic forecasts: An empirical investigation. *Applied Statistics*, 26(3):269–278, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hsu:1977:TVS

[631] D. A. Hsu. Tests for variance shift at an unknown time point. *Applied Statistics*, 26(3):279–284, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Finney:1977:DS

[632] D. J. Finney. Dimensions of statistics. *Applied Statistics*, 26(3):285–289, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ozaki:1977:ODA

[633] T. Ozaki. On the order determination of ARIMA models. *Applied Statistics*, 26 (3):290–301, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Witte:1977:ARU

[634] Ann D. Witte and Peter Schmidt. An analysis of recidivism, using the truncated lognormal distribution. *Applied Statistics*, 26(3):302–311, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Finney:1977:FEV

[635] D. J. Finney and Patricia Phillips. The form and estimation of a variance function, with particular reference to radioimmunoassay. *Applied Statistics*, 26 (3):312–320, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Franklin:1977:SDC

[636] M. F. Franklin and R. A. Bailey. Selection of defining contrasts and confounded effects in two-level experiments. *Applied Statistics*, 26(3):321–326, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Besag:1977:SMC

[637] Julian Besag and Peter J. Diggle. Simple Monte Carlo tests for spatial pattern. *Applied Statistics*, 26(3):327–333, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sundaram:1977:MHW

[638] K. R. Sundaram, I. M. S. Lamba, and A. D. Taskar. Miscellanea: The height and weight of Indian children. *Applied Statistics*, 26(3):334–335, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Doyle:1977:BRS

[639] Pat Doyle. Book reviews: *Statistics for Comparative Studies*, by Michael Hills. *Applied Statistics*, 26(3):336, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bissell:1977:BRS

[640] Derek Bissell. Book reviews: *Sampling Inspection in Statistical Quality Control*, by W. C. Guenther. *Applied Statistics*, 26(3):337, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hope:1977:BRB

[641] R. P. Hope. Book reviews: *Basic Statistics for Business and Economics 2nd Edition*, by P. G. Hoel and R. J. Jessen. *Applied Statistics*, 26(3):337–338, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Morton-Williams:1977:BRF

[642] Jean Morton-Williams. Book reviews: Fertility and Family Planning in Europe Around 1970, by United Nations and Department of Economic and Social Affairs. *Applied Statistics*, 26(3):338–339, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hills:1977:BRI

[643] M. Hills. Book reviews: *An Introduction to Multivariate Techniques for Social and Behavioural Sciences*, by S. Bennett and D. Bowers. *Applied Statistics*, 26(3):339–340, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farlie:1977:BRC

[644] D. J. G. Farlie. Book reviews: *Computer Software for Social Science Data*, by Beverley Rowe and Marianne Scheer. *Applied Statistics*, 26(3):340, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prescott:1977:BRM

[645] R. J. Prescott. Book reviews: *Modelling and Control in the Biomedical Sciences*, by H. T. Banks. *Applied Statistics*, 26 (3):340–341, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Holt:1977:BRM

[646] D. Holt. Book reviews: *Multivariate Analysis in Behavioural Research*, by A. E. Maxwell. *Applied Statistics*, 26(3):341, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Green:1977:BRS

[647] J. R. Green. Book reviews: *Statistics in Geography: A Practical Approach*, by David Ebdon. *Applied Statistics*, 26 (3):341–342, 1977. CODEN APSTAG.

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

Brown:1977:SAA

[648] Morton B. Brown. Statistical algorithms: Algorithm AS 116: The tetrachoric correlation and its asymptotic standard error. *Applied Statistics*, 26(3): 343–351, September 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/116`.

Monro:1977:SAA

[649] Donald M. Monro and John L. Branch. Statistical algorithms: Algorithm AS 117: The chirp discrete Fourier transform of general length. *Applied Statistics*, 26(3):351–361, September 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/117`.

Westcott:1977:SAA

[650] Brian Westcott. Statistical algorithms: Algorithm AS 118: Approximate rankits. *Applied Statistics*, 26(3): 362–364, September 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/118`.

Leathers:1977:SAAb

[651] Burton L. Leathers. Statistical algorithms: Algorithm AS 119: Tabulating sparse joint frequency distributions. *Applied Statistics*, 26(3):364–368, September 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/119`.

Ley:1977:SAR

[652] J. P. Ley. Statistical algorithms: Remark AS R23: A remark on Algorithm AS 61: "Six-Line Plots". *Applied Statistics*, 26(3):368, 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/61`. See [268].

Anonymous:1977:BMPc

[653] Anonymous. Back matter. *Applied Statistics*, 26(3):[2], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1977:FMPc

[654] Anonymous. Front matter. *Applied Statistics*, 26(3):[3], 1977. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fieller:1978:RSC

[655] N. R. J. Fieller. Report on the 1977 sheffield conference on graphical methods in statistics. *Applied Statistics*, 27(1):1–3, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cox:1978:SRR

[656] D. R. Cox. Some remarks on the role in statistics of graphical methods. *Applied Statistics*, 27(1):4–9, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prescott:1978:EBT

[657] P. Prescott. Examination of the behaviour of tests for outliers when more than one outlier is present. *Applied Statistics*, 27(1):10–25, 1978. CODEN

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

Silverman:1978:DRE

[658] B. W. Silverman. Density ratios, empirical likelihood and cot death. *Applied Statistics*, 27(1):26–33, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1978:BBA

[659] Martin J. Crowder. Beta-binomial Anova for proportions. *Applied Statistics*, 27(1):34–37, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jarrett:1978:ADE

[660] Richard G. Jarrett. The analysis of designed experiments with missing observations. *Applied Statistics*, 27(1):38–46, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1978:CUS

[661] G. H. Brown. Calibration with an ultrastructural model. *Applied Statistics*, 27 (1):47–51, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Mills:1978:FFU

[662] T. C. Mills. The functional form of the U.K. demand for money. *Applied Statistics*, 27(1):52–57, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Jones:1978:MRI

[663] D. G. Jones. A method of re-interpreting promotion rates in terms of promotion prospectuses. *Applied Statistics*, 27(1):58–66, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Poirier:1978:EFO

[664] Dale J. Poirier. The effect of the first observation in regression models with first-order autoregressive disturbances. *Applied Statistics*, 27(1):67–68, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Powell:1978:BBM

[665] N. K. Powell and J. B. Westwood. Buyer-behaviour in management education. *Applied Statistics*, 27(1):69–72, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Freeman:1978:MJC

[666] P. R. Freeman. Miscellanea: Joint conference at Manchester — A summary report. *Applied Statistics*, 27(1):73–75, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hamaker:1978:MAC

[667] Hugo C. Hamaker. Miscellanea: Approximating the cumulative normal distribution and its inverse. *Applied Statistics*, 27(1):76–77, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1978:MSD

[668] A. A. Greenfield. Miscellanea: Selection of defining contrasts in two-level experiments — A modification. *Applied Statistics*, 27(1):78, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Theobald:1978:LE

[669] C. M. Theobald and R. G. Hunt. Letters to the editors. *Applied Statistics*, 27(1):79–80, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1978:BRP

[670] A. A. Greenfield. Book reviews: *Programming and Algorithms: An Introduction*, by A. J. Guttmann. *Applied Statistics*, 27(1):81, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1978:BRS

[671] A. A. Greenfield. Book reviews: *Statistical Methods for Digital Computers*, by Kurt Enslein, Anthony Ralston and Herbert S. Wilf. *Applied Statistics*, 27 (1):81–83, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ehrenberg:1978:BRD

[672] A. S. C. Ehrenberg. Book reviews: *Descriptive Statistics: A Contemporary Approach*, by Richard P. Runyon. *Applied Statistics*, 27(1):84, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ehrenberg:1978:BRW

[673] A. S. C. Ehrenberg. Book reviews: Winning with Statistics: A Painless First Look at Numbers, Ratios, Percentages, Means, and Inference, by Richard P. Runyon. *Applied Statistics*, 27(1):84, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1978:BRQ

[674] Graham Watts. Book reviews: *Quantitative Analysis for Business Decisions*, by H. Bierman, C. P. Bonini and W. H. Hausman. *Applied Statistics*, 27(1):84, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tennant-Smith:1978:BRM

[675] J. Tennant-Smith. Book reviews: *Models of Preventive Maintenance*, by Ilya B. Gertsbakh. *Applied Statistics*, 27(1): 85, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Green:1978:BRP

[676] P. J. Green. Book reviews: *Probability and Statistical Inference*, by Robert V. Hogg and Elliot A. Tanis. *Applied Statistics*, 27(1):85–86, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ord:1978:BRH

[677] Keith Ord. Book reviews: *Handbook of Statistical Distributions*, by J. K. Patel, C. H. Kapadia and D. B. Owen. *Applied Statistics*, 27(1):86–87, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lindley:1978:BRI

[678] D. V. Lindley. Book reviews: *Introduction to Decision Theory*, by J. Morgan Jones. *Applied Statistics*, 27(1):87, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Collings:1978:BRG

[679] S. N. Collings. Book reviews: *General Sources of Statistics*, by G. F. Lock. *Applied Statistics*, 27(1):87–88, 1978. CO-

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

Harris:1978:BRAa

[680] P. T. Harris. Book reviews: The Analysis of Survey Data. Vol. 1: Exploring Data Structures, by C. A. O'Muircheataigh and C. Payne. *Applied Statistics*, 27(1):88, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Harris:1978:BRAb

[681] P. T. Harris. Book reviews: *The Analysis of Survey Data. Vol. 2: Model Fitting*, by C. A. O'Muircheataigh and C. Payne. *Applied Statistics*, 27(1):88, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Evans:1978:BRI

[682] I. G. Evans. Book reviews: *Introductory Statistics: A Decision Map*, by Thad R. Harshbarger. *Applied Statistics*, 27(1): 89, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Waters:1978:BRR

[683] H. R. Waters. Book reviews: *Risk Theory: The Stochastic Basis of Insurance*, by R. E. Beard, T. Pentikainen and E. Pesonen. *Applied Statistics*, 27(1):89–90, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1978:BRS

[684] Graham Watts. Book reviews: *Statistical Methods for Business and Economics*, by Roger C. Pfaffenberger and James H. Patterson. *Applied Statistics*, 27(1):90, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1978:BRM

[685] Graham Watts. Book reviews: *Mathematical Models in Marketing — A Collection of Abstracts*, by Ursula H. Funke. *Applied Statistics*, 27(1):90–91, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Rubin:1978:SAA

[686] Donald B. Rubin, Thomas W. F. Stroud, and Dorothy Thayer. Statistical algorithms: Algorithm AS 120: A Fortran algorithm for the additive model in a two-way unbalanced manova. *Applied Statistics*, 27(1):92–97, March 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/120`.

Schneider:1978:SAA

[687] B. E. Schneider. Statistical algorithms: Algorithm AS 121: Trigamma function. *Applied Statistics*, 27(1):97–99, March 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/121`.

Bohrer:1978:SAA

[688] Robert Bohrer and Winston Chow. Statistical algorithms: Algorithm AS 122: Weights for one-sided multivariate inference. *Applied Statistics*, 27(1):100–104, March 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/122`. See remark [860].

Bremner:1978:SAA

[689] J. M. Bremner. Statistical algorithms: Algorithm AS 123: Mixtures of beta distributions. *Applied Statistics*, 27(1):104–109, March 1978. CODEN APSTAG.

ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/123`.

Baker:1978:SAC

[690] R. J. Baker. Statistical algorithms: Correction: AS 112: Exact distributions derived from two-way tables. *Applied Statistics*, 27(1):109, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1978:BMPa

[691] Anonymous. Back matter. *Applied Statistics*, 27(1):[4], 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1978:FMPa

[692] Anonymous. Front matter. *Applied Statistics*, 27(1):[3], 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1978:VIP

[693] Anonymous. Volume information. *Applied Statistics*, 27(1):[3], 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

John:1978:OFE

[694] J. A. John. Outliers in factorial experiments. *Applied Statistics*, 27(2): 111–119, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Abraham:1978:DFA

[695] Bovas Abraham and George E. P. Box. Deterministic and forecast-adaptive time-dependent models. *Applied Statistics*, 27(2):120–130, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Abraham:1978:LMS

[696] Bovas Abraham and George E. P. Box. Linear models and spurious observations. *Applied Statistics*, 27(2):131–138, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cohen:1978:PEB

[697] G. Cohen and K. M. Crawford. A problem in estimating bus stop times. *Applied Statistics*, 27(2):139–148, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kalton:1978:EWO

[698] Graham Kalton, Martin Collins, and Lindsay Brook. Experiments in wording opinion questions. *Applied Statistics*, 27 (2):149–161, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Altham:1978:TGB

[699] Patricia M. E. Altham. Two generalizations of the binomial distribution. *Applied Statistics*, 27(2):162–167, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chan:1978:MTS

[700] W.-Y. T. Chan and Kenneth F. Wallis. Multiple time series modelling: Another look at the mink-muskrat interaction. *Applied Statistics*, 27(2):168–175, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Casagrande:1978:PFE

[701] J. T. Casagrande, M. C. Pike, and P. G. Smith. The power function of

the "exact" test for comparing two binomial distributions. *Applied Statistics*, 27(2):176–180, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See correction [850].

Best:1978:LE

[702] D. J. Best and R. W. Farebrother. Letters to the editors. *Applied Statistics*, 27 (2):181–182, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dean:1978:BRE

[703] Angela Dean. Book reviews: *Experiments: Design and Analysis (2nd Edition)*, by J. A. John and M. H. Quenouille. *Applied Statistics*, 27(2): 182–183, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Holgate:1978:BRH

[704] P. Holgate. Book reviews: *On the History of Statistics and Probability*, by D. B. Owen. *Applied Statistics*, 27(2):183, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Conway:1978:BRS

[705] Freda Conway. Book reviews: Statistical Teaching Aids (2nd Edition), by T. Szmidt and A. F. Bissell. *Applied Statistics*, 27(2):183–184, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Evans:1978:BRS

[706] I. G. Evans. Book reviews: *Statistical Analysis for Decision Making (2nd Edition)*, by Morris Hamburg. *Applied Statistics*, 27(2):184–185, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kay:1978:BRS

[707] E. Kay. Book reviews: *Statistical Design of Fatigue Experiments*, by R. E. Little and E. H. Jebe. *Applied Statistics*, 27(2):185, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Fessey:1978:BRS

[708] M. C. Fessey. Book reviews: *Statistics and Public Policy*, by William B. Fairley and Frederick Mosteller. *Applied Statistics*, 27(2):186, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Stern:1978:BRQ

[709] G. J. A. Stern. Book reviews: *Queueing Systems, Volume 2: Computer Applications*, by Leonard Kleinrock. *Applied Statistics*, 27(2):186–187, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Neave:1978:SAA

[710] Henry R. Neave. Statistical algorithms: Algorithm AS 124: Sample sizes for one-sided and strong two-sided distribution-free tolerance limits. *Applied Statistics*, 27(2):188–190, June 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/124`.

Lagakos:1978:SAA

[711] S. W. Lagakos and M. H. Kuhns. Statistical algorithms: Algorithm AS 125: Maximum likelihood estimation for censored exponential survival data with covariates. *Applied Statistics*, 27(2):190–

197, June 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/125`. See remark [862].

Barnard:1978:SAA

[712] J. Barnard. Statistical algorithms: Algorithm AS 126: Probability integral of the normal range. *Applied Statistics*, 27(2): 197–198, June 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/126`. See remark [865].

Heiberger:1978:SAA

[713] Richard M. Heiberger. Statistical algorithms: Algorithm AS 127: Generation of random orthogonal matrices. *Applied Statistics*, 27(2):199–206, June 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/127`. See remark [866].

Davis:1978:SAA

[714] C. S. Davis and M. A. Stephens. Statistical algorithms: Algorithm AS 128: Approximating the covariance matrix of normal order statistics. *Applied Statistics*, 27(2):206–212, June 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/128`. See remark [881].

Casagrande:1978:SAA

[715] J. T. Casagrande, M. C. Pike, and P. G. Smith. Statistical algorithms: Algorithm AS 129: The power function of the "exact" test for comparing two binomial distributions. *Applied Statistics*, 27(2): 212–219, June 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/129`. See correction [850] and remark [858].

Anonymous:1978:BMPb

[716] Anonymous. Back matter. *Applied Statistics*, 27(2):[4], 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1978:FMPb

[717] Anonymous. Front matter. *Applied Statistics*, 27(2):[3], 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bebbington:1978:MBT

[718] A. C. Bebbington. A method of bivariate trimming for robust estimation of the correlation coefficient. *Applied Statistics*, 27(3):221–226, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Titterington:1978:ECC

[719] D. M. Titterington. Estimation of correlation coefficients by ellipsoidal trimming. *Applied Statistics*, 27(3):227–234, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lagakos:1978:CMP

[720] S. W. Lagakos. A covariate model for partially censored data subject to competing causes of failure. *Applied Statistics*, 27(3):235–241, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Barnett:1978:SOP

[721] Vic Barnett. The study of outliers: Purpose and model. *Applied Statistics*, 27

(3):242–250, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Campbell:1978:IFA

[722] Norm A. Campbell. The influence function as an aid in outlier detection in discriminant analysis. *Applied Statistics*, 27 (3):251–258, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McKay:1978:GAS

[723] R. J. McKay. A graphical aid to selection of variables in two-group discriminant analysis. *Applied Statistics*, 27 (3):259–263, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1978:HWF

[724] C. Chatfield. The Holt-Winters forecasting procedure. *Applied Statistics*, 27 (3):264–279, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Zar:1978:APP

[725] Jerrold H. Zar. Approximations for the percentage points of the chi-squared distribution. *Applied Statistics*, 27(3): 280–290, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

McHenry:1978:CBS

[726] C. E. McHenry. Computation of a best subset in multivariate analysis. *Applied Statistics*, 27(3):291–296, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Constantine:1978:GRA

[727] A. G. Constantine and J. C. Gower. Graphical representation of asymmetric matrices. *Applied Statistics*, 27 (3):297–304, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bunday:1978:ETW

[728] B. D. Bunday and R. A. Lee. The efficiency of a textile winding process. *Applied Statistics*, 27(3):305–309, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Crowder:1978:CRL

[729] Martin J. Crowder. On concurrent regression lines. *Applied Statistics*, 27 (3):310–318, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sahin:1978:SDM

[730] Izzet Sahin and David J. Hendrick. On strike durations and a measure of termination. *Applied Statistics*, 27(3): 319–324, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Murray:1978:EPD

[731] G. D. Murray and D. M. Titterington. Estimation problems with data from a mixture. *Applied Statistics*, 27 (3):325–334, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Patterson:1978:DKF

[732] H. D. Patterson and R. A. Bailey. Design keys for factorial experiments. *Applied*

Statistics, 27(3):335–343, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Tavare:1978:MCE

[733] S. Tavare. Miscellanea: Conference on ecological statistics — A summary report. *Applied Statistics*, 27(3):344–345, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dobson:1978:MSA

[734] Annette J. Dobson. Miscellanea: Simple approximations for the von Mises concentration statistic. *Applied Statistics*, 27(3):345–347, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Altman:1978:MPP

[735] D. G. Altman. Miscellanea: Plotting probability ellipses. *Applied Statistics*, 27(3):347–349, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nandy:1978:LE

[736] S. Nandy. Letter to the editors. *Applied Statistics*, 27(3):350, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1978:BRC

[737] I. D. Hill. Book reviews: *Computer Programs that Work!*, by J. D. Lee, G. Beech and T. D. Lee. *Applied Statistics*, 27 (3):351–352, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sampford:1978:BRS

[738] M. R. Sampford. Book reviews: *Sampling Techniques*, by W. G. Cochran. *Applied Statistics*, 27(3):352, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sparks:1978:BRT

[739] D. N. Sparks. Book reviews: *Tables of Random Times*, by I. D. Hill. *Applied Statistics*, 27(3):352–353, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Taylor:1978:BRB

[740] J. Taylor. Book reviews: *Basic Statistics for Medical and Social Students*, by A. E. Maxwell. *Applied Statistics*, 27(3):353, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Gentleman:1978:SAA

[741] Jane F. Gentleman. Statistical algorithms: Algorithm AS 130: Moving statistics for enhanced scatter plots. *Applied Statistics*, 27(3):354–358, September 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/130`.

Leathers:1978:SAA

[742] Burton L. Leathers. Statistical algorithms: Algorithm AS 131: Tabulating frequency distributions for variables with structured code sets. *Applied Statistics*, 27(3):359–362, September 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/131`. See remark [884].

Armstrong:1978:SAA

[743] Ronald D. Armstrong and Mabel Tam Kung. Statistical algorithms: Algorithm AS 132: Least absolute value es-

timates for a simple linear regression problem. *Applied Statistics*, 27(3):363–366, September 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/132`.

Zilinskas:1978:SAA

[744] A. Žilinskas. Statistical algorithms: Algorithm AS 133: Optimization of one-dimensional multimodal functions. *Applied Statistics*, 27(3):367–375, September 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/133`.

Hoaglin:1978:SAR

[745] David C. Hoaglin and Max L. King. Statistical algorithms: Remark AS R24: A remark on Algorithm AS 98: The spectral test for the evaluation of congruential pseudo-random generators. *Applied Statistics*, 27(3):375–377, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/98`. See [518, 559].

Armstrong:1978:SAR

[746] Ronald D. Armstrong and Edward L. Frome. Statistical algorithms: Remark AS R25: A remark on Algorithm AS 108: Multiple linear regression with minimum sum of absolute errors. *Applied Statistics*, 27(3):378, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/108`. See [588, 879].

Hill:1978:SARa

[747] I. D. Hill. Statistical algorithms: Remark AS R26: A remark on Algorithm AS 76: An integral useful in calculating non-central t and bivariate normal probabilities. *Applied Statistics*, 27(3):379, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`. See [382, 782, 874, 883, 878].

Barrett:1978:SAR

[748] J. C. Barrett and M. J. R. Healy. Statistical algorithms: Remark AS R27: A remark on Algorithm AS 6: Triangular decomposition of a symmetric matrix. *Applied Statistics*, 27(3):379–380, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/6`. See [386, 3, 8].

Hill:1978:SARb

[749] I. D. Hill. Statistical algorithms: Remark AS R28: A remark on Algorithm AS 47: Function minimization using a simplex procedure. *Applied Statistics*, 27(3):380–382, 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/47`. See [137, 348, 349].

Anonymous:1978:BMPc

[750] Anonymous. Back matter. *Applied Statistics*, 27(3):[6], 1978. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1978:FMPc

[751] Anonymous. Front matter. *Applied Statistics*, 27(3):[3], 1978. CODEN AP-

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

Bennett:1979:ATS

[752] W. F. Bennett. The analysis of transient spectral components with the autoregressive spectral estimator. *Applied Statistics*, 28(1):1–13, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cox:1979:MMD

[753] Trevor F. Cox. A method for mapping the dense and sparse regions of a forest stand. *Applied Statistics*, 28(1):14–19, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Dawid:1979:MLE

[754] A. P. Dawid and A. M. Skene. Maximum likelihood estimation of observer error-rates using the EM algorithm. *Applied Statistics*, 28(1):20–28, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Atkinson:1979:CGP

[755] A. C. Atkinson. The computer generation of Poisson random variables. *Applied Statistics*, 28(1):29–35, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prescott:1979:CVS

[756] P. Prescott. Critical values for a sequential test for many outliers. *Applied Statistics*, 28(1):36–39, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kahn:1979:LSE

[757] Henry D. Kahn. Least squares estimation for the inverse power law for accelerated life tests. *Applied Statistics*, 28(1):40–46, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Koons:1979:MSA

[758] G. F. Koons, J. J. Geissler, and B. Perlic. A method for the statistical analysis of a changeable independent variable in a batch process. *Applied Statistics*, 28(1):47–54, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aitken:1979:ADK

[759] Colin Aitken and D. Gordon MacDonald. An application of discrete kernel methods to forensic odontology. *Applied Statistics*, 28(1):55–61, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hsu:1979:LTD

[760] D. A. Hsu. Long-tailed distributions for position errors in navigation. *Applied Statistics*, 28(1):62–72, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:BRR

[761] Anonymous. Book reviews: Review of Tables of Random Times: Corrections. *Applied Statistics*, 28(1):72, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:BRT

[762] Anonymous. Book reviews: Tables of Random Times, by I. D. Hill and P. A. Hill. *Applied Statistics*, 28(1):72, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Sundaram:1979:MCH

[763] K. R. Sundaram, I. M. S. Lamba, and A. D. Taskar. Miscellanea: Corrections: The height and weight of Indian children. *Applied Statistics*, 28(1):72, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farewell:1979:MNM

[764] V. T. Farewell and D. R. Cox. Miscellanea: A note on multiple time scales in life testing. *Applied Statistics*, 28(1):73–75, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Marriott:1979:MBM

[765] F. H. C. Marriott. Miscellanea: Barnard's Monte Carlo tests: How many simulations? *Applied Statistics*, 28 (1):75–77, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lee:1979:LE

[766] P. N. Lee. Letter to the editors. *Applied Statistics*, 28(1):78, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ehrenberg:1979:BRE

[767] A. S. C. Ehrenberg. Book reviews: *Exploratory Data Analysis*, by John W. Tukey. *Applied Statistics*, 28(1):79–83, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1979:BRS

[768] I. D. Hill. Book reviews: *Scientific Analysis on the Pocket Calculator (2nd Edition)*, by Jon M. Smith. *Applied Statistics*, 28(1):83–84, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lawrance:1979:BRS

[769] A. J. Lawrance. Book reviews: *Stochastic Modelling of Daily Rainfall Sequences*, by T. A. Buishand. *Applied Statistics*, 28(1):84, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1979:BRG

[770] Tony Greenfield. Book reviews: A guide to operational research (3rd edition), by W. E. Duckworth, A. E. Gear and A. G. Lockett. *Applied Statistics*, 28(1):85, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1979:BRIa

[771] Tony Greenfield. Book reviews: *Introduction to the Design and Analysis of Algorithms*, by S. E. Goodman and S. T. Hedetniemi. *Applied Statistics*, 28(1):85–86, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1979:BRSa

[772] Tony Greenfield. Book reviews: *Statistics and Experimental Design in Engineering and the Physical Sciences (2nd Edition)*, by Norman L. Johnson and Fred C. Leone. *Applied Statistics*, 28 (1):86–87, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1979:BRN

[773] Tony Greenfield. Book reviews: *Nonparametric Statistics: A Contemporary Approach*, by Richard P. Runyon. *Applied Statistics*, 28(1):87, 1979. CO-

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

Cooper:1979:BRC

[774] B. E. Cooper. Book reviews: COMPSTAT 1976, by Johannes Gordesch and Peter Naeve. *Applied Statistics*, 28 (1):87–88, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Watts:1979:BRS

[775] Graham Watts. Book reviews: *Statistical Methods for Business and Economics*, by Roger C. Pfaffenberger and James H. Patterson. *Applied Statistics*, 28(1):88–89, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cooper:1979:BRG

[776] B. E. Cooper. Book reviews: GEM. A general econometric matrix program, by Lucy Joan Slater. *Applied Statistics*, 28(1):89, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Atkinson:1979:SAA

[777] A. C. Atkinson and J. Whittaker. Statistical algorithms: Algorithm AS 134: The generation of beta random variables with one parameter greater than and one parameter less than 1. *Applied Statistics*, 28(1):90–93, March 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/134`.

Armstrong:1979:SAA

[778] Ronald D. Armstrong and David S. Kung. Statistical algorithms: Algorithm AS 135: Min-max estimates for a linear multiple regression problem. *Applied Statistics*, 28(1):93–100, March 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/135`. See remark [870].

Hartigan:1979:SAA

[779] J. A. Hartigan and M. A. Wong. Statistical algorithms: Algorithm AS 136: A K-means clustering algorithm. *Applied Statistics*, 28(1):100–108, March 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/136`. See remark [863].

Ripley:1979:SAA

[780] B. D. Ripley. Statistical algorithms: Algorithm AS 137: Simulating spatial patterns: Dependent samples from a multivariate density. *Applied Statistics*, 28 (1):109–112, March 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/137`.

Porter:1979:SAR

[781] M. A. Porter and D. J. Winstanley. Statistical algorithms: Remark AS R29: Remarks on AS 110: L_p norm fit of a straight line. *Applied Statistics*, 28 (1):112–113, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [590].

Thomas:1979:SAR

[782] G. E. Thomas. Statistical algorithms: Remark AS R30: A remark on Algorithm AS 76: An integral useful in calculating non-central t and bivariate normal probabilities. *Applied Statistics*, 28(1):113, 1979. CODEN APSTAG.

ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`. See [747, 382, 883, 874, 878].

Young:1979:SAC

[783] J. C. Young and Ch. E. Minder. Statistical algorithms: Correction: AS 76: An integral useful in calculating non-central t and bivariate normal probabilities. *Applied Statistics*, 28(1):113, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:BMPa

[784] Anonymous. Back matter. *Applied Statistics*, 28(1):[4], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:FMPa

[785] Anonymous. Front matter. *Applied Statistics*, 28(1):[3], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Altham:1979:DRB

[786] Patricia M. E. Altham. Detecting relationships between categorical variables observed over time: a problem of deflating a chi-squared statistic. *Applied Statistics*, 28(2):115–125, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Pettitt:1979:NPA

[787] A. N. Pettitt. A non-parametric approach to the change-point problem. *Applied Statistics*, 28(2):126–135, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Farewell:1979:ACP

[788] V. T. Farewell. An application of Cox's proportional hazard model to multiple infection data. *Applied Statistics*, 28 (2):136–143, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Shirley:1979:CTC

[789] Eryl A. C. Shirley. The comparison of treatment with control group means in toxicological studies. *Applied Statistics*, 28(2):144–151, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Best:1979:ESM

[790] D. J. Best and N. I. Fisher. Efficient simulation of the von Mises distribution. *Applied Statistics*, 28(2):152–157, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bache:1979:APP

[791] Niels Bache. Approximate percentage points for the distribution of a product of independent positive random variables. *Applied Statistics*, 28(2):158–162, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hutchinson:1979:CRP

[792] T. P. Hutchinson. A comment on replicated paired comparisons. *Applied Statistics*, 28(2):163–169, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [364].

Hsuan:1979:GUP

[793] Francis C. Hsuan. Generating uniform polygonal random pairs. *Applied Statistics*, 28(2):170–172, 1979. CODEN AP-

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

Jowett:1979:MST

[794] G. H. Jowett. Miscellanea: Statistical tests with hand-calculator standard deviations. *Applied Statistics*, 28 (2):173–174, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Schmeiser:1979:MAI

[795] Bruce W. Schmeiser. Miscellanea: Approximations to the inverse cumulative normal function for use on hand calculators. *Applied Statistics*, 28(2):175–176, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Clifford:1979:BRS

[796] F. E. Clifford. Book reviews: *Statistics for Technology. 2nd Edition*, by C. Chatfield. *Applied Statistics*, 28(2):177, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Holder:1979:BRD

[797] R. L. Holder. Book reviews: *Data Analysis and Regression*, by Frederick Mosteller and John W. Tukey. *Applied Statistics*, 28(2):177–178, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Whittaker:1979:BRM

[798] J. C. Whittaker. Book reviews: *Mathematical, Statistical and Financial Tables for the Social Sciences*, by Z. W. Kmietowicz and Y. Yannoulis. *Applied Statistics*, 28(2):178–179, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bithell:1979:BRI

[799] J. F. Bithell. Book reviews: *Introductory Biostatistics for the Health Sciences*, by Robert C. Duncan, Rebecca G. Knapp and M. Clinton Miller. *Applied Statistics*, 28(2):179–180, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Brown:1979:BRI

[800] P. J. Brown. Book reviews: *The Information in Contingency Tables*, by D. V. Gokhale and S. Kullback. *Applied Statistics*, 28(2):180–181, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Berry:1979:BRI

[801] J. Brian Berry. Book reviews: *Interactive Data Analysis: A Practical Primer*, by D. R. McNeil. *Applied Statistics*, 28(2):181, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1979:BRIb

[802] Tony Greenfield. Book reviews: *An Introduction to Linear Control Systems*, by Thomas E. Fortmann and Konrad L. Hitz. *Applied Statistics*, 28(2):181–182, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bissell:1979:BRE

[803] Derek Bissell. Book reviews: *Elementary Statistics: An Applied Approach*, by Neil R. Ullman. *Applied Statistics*, 28 (2):182–183, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Springall:1979:BRA

[804] A. Springall. Book reviews: *Applied Statistics for Science and Industry*, by Albert Romano. *Applied Statistics*, 28(2):183, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Oldham:1979:LE

[805] P. D. Oldham and D. J. Newell. Letter to the editors. *Applied Statistics*, 28(2):184, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Wolynetz:1979:SAAa

[806] M. S. Wolynetz. Statistical algorithms: Algorithm AS 138: Maximum likelihood estimation from confined and censored normal data. *Applied Statistics*, 28(2): 185–195, June 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/138`.

Wolynetz:1979:SAAb

[807] M. S. Wolynetz. Statistical algorithms: Algorithm AS 139: Maximum likelihood estimation in a linear model from confined and censored normal data. *Applied Statistics*, 28(2):195–206, June 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/139`. See remarks [852, 855].

Oehlert:1979:SAA

[808] Gary W. Oehlert. Statistical algorithms: Algorithm AS 140: Clustering the nodes of a directed graph. *Applied Statistics*, 28(2):206–214, June 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/140`.

Kent:1979:SAA

[809] Philippe Kent. Statistical algorithms: Algorithm AS 141: Inversion of a symmetric matrix in regression models. *Applied Statistics*, 28(2):214–217, June 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/141`. See remark [864].

Anonymous:1979:BMPb

[810] Anonymous. Back matter. *Applied Statistics*, 28(2):[8], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:EIP

[811] Anonymous. Editorial: Invitation to potential authors of "case study" papers. *Applied Statistics*, 28(2):[1], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:FMPb

[812] Anonymous. Front matter. *Applied Statistics*, 28(2):[3], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cunliffe:1979:EAS

[813] Stella Y. Cunliffe and H. Goldstein. Ethical aspects of survey research. *Applied Statistics*, 28(3):219–222, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Moran:1979:CLT

[814] M. A. Moran and B. J. Murphy. A closer look at two alternative methods of sta-

tistical discrimination. *Applied Statistics*, 28(3):223–232, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Aitkin:1979:STP

[815] Murray Aitkin. A simultaneous test procedure for contingency table models. *Applied Statistics*, 28(3):233–242, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kimber:1979:TSO

[816] A. C. Kimber. Tests for a single outlier in a gamma sample with unknown shape and scale parameters. *Applied Statistics*, 28(3):243–250, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Glasbey:1979:CRN

[817] C. A. Glasbey. Correlated residuals in non-linear regression applied to growth data. *Applied Statistics*, 28(3):251–259, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Atkinson:1979:RDC

[818] A. C. Atkinson. Recent developments in the computer generation of Poisson random variables. *Applied Statistics*, 28 (3):260–263, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Prescott:1979:MLS

[819] R. J. Prescott. Models for local and systemic effects in bilateral systems. *Applied Statistics*, 28(3):264–270, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Ury:1979:TDS

[820] Hans K. Ury and David C. Kleinecke. Tables of the distribution of Spearman's footrule. *Applied Statistics*, 28 (3):271–275, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Kalton:1979:SCV

[821] Graham Kalton and Richard Stowell. A study of coder variability. *Applied Statistics*, 28(3):276–289, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Cheng:1979:SSG

[822] R. C. H. Cheng and G. M. Feast. Some simple gamma variate generators. *Applied Statistics*, 28(3):290–295, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Walley:1979:TRK

[823] D. Walley and T. Fearn. Trapezium rules, O.K. *Applied Statistics*, 28(3): 296–297, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Newby:1979:MSO

[824] M. J. Newby. Miscellanea: The simulation of order statistics from life distributions. *Applied Statistics*, 28(3):298–300, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

North:1979:MNC

[825] Philip M. North. Miscellanea: A novel clustering method for estimating numbers of bird territories: An addendum. *Applied Statistics*, 28(3):300–301, 1979.

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

Clarke:1979:LE

[826] Ian Clarke. Letter to the editors. *Applied Statistics*, 28(3):302, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Barnett:1979:BRA

[827] V. Barnett. Book reviews: *Applied Statistics*, by John Neter, William Wasserman and G. A. Whitmore. *Applied Statistics*, 28(3):303, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Hill:1979:BRC

[828] I. D. Hill. Book reviews: Compatible Fortran, by A. Colin Day. *Applied Statistics*, 28(3):304, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lambert:1979:BRA

[829] Trevor Lambert. Book reviews: *Algorithmic Methods in Probability-TIMS Studies in Management Sciences, Volume 7*, by Marcel F. Neuts. *Applied Statistics*, 28(3):304–305, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anderson:1979:BRI

[830] Oliver D. Anderson. Book reviews: *An Introduction to Bilinear Time Series Models*, by C. W. J. Granger and A. P. Andersen. *Applied Statistics*, 28 (3):305–306, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Settle:1979:BRL

[831] J. G. Settle. Book reviews: *Long-Range Forecasting*, by J. Scott Armstrong. *Applied Statistics*, 28(3):306, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Nelder:1979:BRA

[832] J. A. Nelder. Book reviews: *The Analysis of Cross-Tabulated Data*, by Graham J. G. Upton. *Applied Statistics*, 28 (3):306–307, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chinn:1979:BRB

[833] Susan Chinn. Book reviews: *Biostatistics: A Foundation for Analysis in the Health Sciences. 2nd Edition*, by Wayne W. Daniel. *Applied Statistics*, 28 (3):307–308, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Titterington:1979:BRS

[834] D. M. Titterington. Book reviews: *Statistical Density Estimation: A Survey*, by W. Wertz. *Applied Statistics*, 28(3):308, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Chatfield:1979:BRS

[835] Chris Chatfield. Book reviews: *Sales Forecasting*, by David L. Hurwood, Elliott S. Grossman and Earl L. Bailey. *Applied Statistics*, 28(3):308–309, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Greenfield:1979:BRSb

[836] Tony Greenfield. Book reviews: *Statistical Checklists*, by J. N. R. Jeffers. *Applied Statistics*, 28(3):309, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Holder:1979:BRA

[837] R. L. Holder. Book reviews: *Applied Nonparametric Statistics*, by Wayne W. Daniel. *Applied Statistics*, 28(3): 309–310, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Computing:1979:CDA

[838] The Working Party on Statistical Computing. The construction and description of algorithms. *Applied Statistics*, 28 (3):311–318, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Bayer:1979:SAA

[839] Leonard Bayer and Christopher Cox. Statistical algorithms: Algorithm AS 142: Exact tests of significance in binary regression models. *Applied Statistics*, 28(3):319–324, September 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/142`.

Bedall:1979:SAA

[840] F. K. Bedall and H. Zimmermann. Statistical algorithms: Algorithm AS 143: The mediancentre. *Applied Statistics*, 28(3):325–328, September 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/143`.

Boyett:1979:SAA

[841] James M. Boyett. Statistical algorithms: Algorithm AS 144: Random $R \times C$ tables with given row and column totals. *Applied Statistics*, 28(3):329–332, September 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/144`.

Freeman:1979:SAA

[842] P. R. Freeman. Statistical algorithms: Algorithm AS 145: Exact distribution of the largest multinomial frequency. *Applied Statistics*, 28(3):333–336, September 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/145`.

Anonymous:1979:SACa

[843] Anonymous. Statistical algorithms: Corrections: Algorithm AS 141. *Applied Statistics*, 28(3):336, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/141`.

Anonymous:1979:SACb

[844] Anonymous. Statistical algorithms: Corrections: (Algorithm AS 76): Remark AS R30. *Applied Statistics*, 28(3):336, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`.

Anonymous:1979:RSA

[845] Anonymous. Recent statistical algorithm. *Applied Statistics*, 28(3):337–340, 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:BMPc

[846] Anonymous. Back matter. *Applied Statistics*, 28(3):[2], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:FMPc

[847] Anonymous. Front matter. *Applied Statistics*, 28(3):[3], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Anonymous:1979:VIP

[848] Anonymous. Volume information. *Applied Statistics*, 28(3):[3], 1979. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic).

Lau:1980:SAA

[849] Chi-Leung L. Lau. Statistical algorithms: Algorithm AS 147: A simple series for the incomplete gamma integral. *Applied Statistics*, 29(1):113–114, March 1980. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/147`. See corrigenda [853] and remarks [876, 882].

Casagrande:1980:CPF

[850] J. T. Casagrande, M. C. Pike, and P. G. Smith. Correction to: The power function of the "exact" test for comparing two binomial distributions. *Applied Statistics*, 29(1):118, 1980. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [701, 715].

Farebrother:1980:SAA

[851] R. W. Farebrother. Statistical algorithms: Algorithm AS 153: Pan's procedure for the tail probabilities of the Durbin-Watson statistic. *Applied Statistics*, 29(2):224–227, June 1980. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/153`. See remark [871, 872].

Wolynetz:1980:SAR

[852] M. S. Wolynetz. Statistical algorithms: Remark AS R31: A remark on Algorithm AS 139. maximum likelihood estimation in a linear model from confined and censored normal data. *Applied Statistics*, 29(2):228, 1980. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/139`. See [807, 855].

Lau:1980:CAS

[853] Chi-Leung Lau. Corrigenda: Algorithm AS 147. A simple series for the incomplete gamma integral. *Applied Statistics*, 29(2):229, 1980. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/147`. See [849, 882].

Davies:1980:SAA

[854] Robert B. Davies. Statistical algorithms: Algorithm AS 155: The distribution of a linear combination of χ^2 random variables. *Applied Statistics*, 29(3):323–333, September 1980. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/155`. See remark [872].

Wolynetz:1981:SAR

[855] M. S. Wolynetz. Statistical algorithms: Remark AS R32: A remark on Algorithm AS 139: Maximum likelihood estimation in a linear model from con-

fined and censored normal data. *Applied Statistics*, 30(1):105, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/139`. See [807, 852].

Hill:1981:SAR

[856] I. D. Hill and R. E. Wheeler. Statistical algorithms: Remark AS R33: A remark on algorithms AS 99: Fitting Johnson curves by moments and AS 100: Normal-Johnson and Johnson-normal transformations. *Applied Statistics*, 30(1):106, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [519, 520, 869].

Farley:1981:SAR

[857] T. M. M. Farley. Statistical algorithms: Remark AS R34: A remark on Algorithm AS 112: Exact distributions derived from two-way tables. *Applied Statistics*, 30(1):106–107, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/112`. See [618, 877].

Casagrande:1981:SAR

[858] J. T. Casagrande. Statistical algorithms: Remark AS R35: A remark on Algorithm AS 129: The power function of the "exact" test for comparing two binomial distributions. *Applied Statistics*, 30(1):108, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/129`. See [715].

Stirling:1981:SAAc

[859] W. Douglas Stirling. Statistical algorithms: Algorithm AS 169: An improved algorithm for scatter plots. *Applied Statistics*, 30(3):345–349, September 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/169`. See remarks [868, 873].

Bohrer:1981:SAR

[860] Robert Bohrer. Statistical algorithms: Remark AS R36: A remark on AS 122: Weights for one-sided multivariable inference. *Applied Statistics*, 30 (3):352–353, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [688].

Frome:1981:SARa

[861] E. L. Frome. Statistical algorithms: Remark AS R37: A remark on AS 73: Cross-spectrum smoothing via the finite Fourier transform. *Applied Statistics*, 30(3):354, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [345].

Frome:1981:SARb

[862] E. L. Frome. Statistical algorithms: Remark AS R38: A remark on AS 125: Maximum likelihood estimation for censored exponential survival data with covariates. *Applied Statistics*, 30(3):355, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [711].

England:1981:SAR

[863] R. England and D. Beynon. Statistical algorithms: Remark AS R39: A remark on AS 136: A K-means clustering algorithm. *Applied Statistics*, 30(3):355–356, 1981. CODEN APSTAG. ISSN 0035-

9254 (print), 1467-9876 (electronic). See remark [779].

Campbell:1981:SAR

[864] M. J. Campbell. Statistical algorithms: Remark AS R40: A remark on AS 141: Inversion of a symmetric matrix in regression models. *Applied Statistics*, 30(3):356, 1981. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [809].

elLozy:1982:SAR

[865] Mohamed el Lozy. Statistical algorithms: Remark AS R41: A remark on Algorithm AS 126: Probability integral of the normal range. *Applied Statistics*, 31(1):99, 1982. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/126`. See [712].

Tanner:1982:SAR

[866] Martin A. Tanner and Ronald A. Thisted. Statistical algorithms: Remark AS R42: A remark on AS 127. generation of random orthogonal matrices. *Applied Statistics*, 31(2):190–192, 1982. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [713].

Freeman:1982:SAR

[867] P. R. Freeman. Statistical algorithms: Remark AS R44: A remark on AS 6 and AS 7: Triangular decomposition of a symmetric matrix and inversion of a positive semi-definite symmetric matrix. *Applied Statistics*, 31(3):336–339, 1982. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [3, 4].

Harris:1982:SAR

[868] R. G. Harris. Statistical algorithms: Remark AS R46: Remark on AS 169: An improved algorithm for scatter plots. *Applied Statistics*, 31(3):340, 1982. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [859, 873].

Dodgson:1983:SAR

[869] J. H. Dodgson and I. D. Hill. Statistical algorithms: Remark AS R48: A remark on algorithm 100: Normal-Johnson and Johnson-normal transformations. *Applied Statistics*, 32(3):345, 1983. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [520, 856].

Grant:1983:SAR

[870] P. M. Grant and T. R. Hopkins. Statistical algorithms: Remark AS R49: A remark on Algorithm AS 135: Minmax estimates for linear multiple regression problems. *Applied Statistics*, 32 (3):345–347, 1983. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/135`. See [778].

Farebrother:1984:SARa

[871] R. W. Farebrother. Statistical algorithms: Remark AS R52: The distribution of a linear combination of central χ^2 random variables: A remark on AS 153: Pan's procedure for the tail probabilities of the Durbin-Watson statistic. *Applied Statistics*, 33(3):363–366, 1984. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [851, 872].

Farebrother:1984:SARb

[872] R. W. Farebrother. Statistical algorithms: Remark AS R53: A remark on

algorithms AS 106, AS 153 and AS 155: The distribution of a linear combination of χ^2 random variables. *Applied Statistics*, 33(3):366–369, 1984. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [586, 851, 854, 871].

Dewey:1984:SAR

[873] Michael E. Dewey. Statistical algorithms: Remark AS R54: A remark on algorithms AS 169: An improved algorithm for scatter plots. *Applied Statistics*, 33(3):370–372, 1984. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [859, 868, 883].

Chou:1985:SARa

[874] Youn-Min Chou. Statistical algorithms: Remark AS R55: A remark on Algorithm AS 76: An integral useful in calculating noncentral T and bivariate normal probabilities. *Applied Statistics*, 34 (1):100–101, 1985. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`. See [382, 747, 782, 878, 883].

Chou:1985:SARb

[875] Youn-Min Chou. Statistical algorithms: Remark AS R56: A remark on Algorithm AS 5: The integral of the noncentral t-distribution. *Applied Statistics*, 34(1):102, 1985. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/5`. See [2].

Rice:1985:SAR

[876] Lory R. Rice and Rose E. Gaines Das. Statistical algorithms: A remark on algorithms AS 32 and AS 147. the incomplete gamma integral. *Applied Statistics*, 34(3):326, 1985. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [68, 849].

Dewey:1986:SAR

[877] M. E. Dewey. Statistical algorithms: Remark ASR 60: A remark on AS 112 exact distributions derived from two-way tables. *Applied Statistics*, 35(1):86–88, 1986. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [618, 857].

Thomas:1986:SAR

[878] G. E. Thomas. Statistical algorithms: Remark ASR 65: A remark on Algorithm AS 76: An integral useful in calculating non-central t and bivariate normal probabilities. *Applied Statistics*, 35 (3):310–312, 1986. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`. See [382, 747, 782, 874, 883].

Farebrother:1987:SAR

[879] R. W. Farebrother. Statistical algorithms: Remark AS R68: Constrained and unconstrained L_1 estimation A remark on AS 108: Multiple linear regression with minimum sum of absolute errors. *Applied Statistics*, 36(1):118, 1987. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [588, 746].

Hill:1987:SAR

[880] I. D. Hill. Statistical algorithms: Remark AS R70: A remark on Algorithm AS 16. maximum likelihood estimation from grouped and censored normal data. *Applied Statistics*, 36

(1):119–120, 1987. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/16`. See [7, 593].

Shea:1988:SAR

[881] B. L. Shea and A. J. Scallon. Statistical algorithms: Remark AS R72: A remark on Algorithm AS 128. approximating the covariance matrix of normal order statistics. *Applied Statistics*, 37 (1):151–155, 1988. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/128`. See [714].

Cran:1989:SAR

[882] G. W. Cran. Statistical algorithms: Remark AS R79: Comment on: A remark on algorithms AS 32 and AS 147: The incomplete gamma integral. *Applied Statistics*, 38(2):423, 1989. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). See [853, 849, 68].

Boys:1989:SAA

[883] Richard J. Boys. Statistical algorithms: Algorithm AS R80: A remark on Algorithm AS 76: An integral useful in calculating noncentral t and bivariate normal probabilities. *Applied Statistics*, 38 (3):580–582, 1989. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/76`. See [382, 747, 782, 873, 874, 878].

Dewey:1989:SAR

[884] Michael E. Dewey. Statistical algorithms: Remark AS R81: A remark on Algorithm AS 131: Tabulating frequency distributions for variables with structured code sets. *Applied Statistics*, 38(3):582, 1989. CODEN APSTAG. ISSN 0035-9254 (print), 1467-9876 (electronic). URL `http://lib.stat.cmu.edu/apstat/131`. See [742].

Payne:1990:SAR

[885] 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 [297].

Berry:1990:SAA

[886] 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 [589] and correction [887].

Berry:1991:CAR

[887] 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 [886].