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Abbreviations: AMS- Annals of Mathematical Statistics  
Biom- Biometrika ("Biometrics" is spelled out)  
BJPS- British Journal for the Philosophy of Science  
BR- Book Review  
I- Informal  
IP- Informal Paper  
JASA- J. American Statistical Association  
JIP- Joint Informal Paper  
JLMS- J. London Mathematical Society  
JP- Joint Paper  
JRNSS- J. Royal Naval Science Service  
JRSS- J. Royal Statistical Society  
JSCS- J. Statist. Comput. & Simul.  
JSPI- J. Statist. Planning and Inference  
MR – Mathematical Reviews  
MTAC- Mathematical Tables and other aids to Computation  
P- Paper  
PCPS- Proc. Cambridge Philosophical Society. Later became the Mathematical  
Proceedings of the Cambridge Philosophical Society.  
QJM- Quarterly J. Mathematics Oxford  
TR- Technical Report (Stat. Dept. Va. Tech.)  
§- A merit of this paper is its brevity  
\*- Book

**These publications are here presented by their 'numbers', but might later be grouped also by topic.  
In addition there are indexes.**

**Reprints of most of these papers are available.**

- P 1. "The approximate local monotony of measurable functions", PCPS 36 (1940), 9-13.
- P 2. "The fractional dimensional theory of continued fractions", PCPS 37 (1941), 199-228 (Smith's Prize Essay).
- Abstr. 2.5. See #2147.
- P 3. "Some relations between certain methods of summation", PCPS 38 (1942), 144-165.
- P 4. "Note on the summation of a classical divergent series", JLMS 16 (1941), 180-182. (See #2161.)
- P 5. "On the regularity of moment methods of summation", JLMS 19 (1944), 141-143.

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- P 6. "On the regularity of a general method of summation", JLMS 21 (1946), 110-118.
- P 7. "Normal recurring decimals", JLMS 21 (1946), 167-169. (The 'teleprinter problem': solved in 1941 but not submitted for publication at the time.)
- P 8. "A note on positive determinants", JLMS 22 (1947), 92-95.
- JP 8a. IJG and G.E.H. Reuter "Bounded integral transforms", QJM 19 (1948), 224-234. (See #18.)
- P 12. "The number of individuals in a cascade process", PCPS 45 (1949), 360-363. (See #55.)
- \* 13. Probability and the Weighing of Evidence (London, Charles Griffin; New York, Hafners; 1950, pp. 119).
- P § 14. "A proof of Liapounoff's inequality", PCPS 46 (1950), 353.
- P 17. "On the inversion of circulant matrices", Biom. 37 (1950), 185-186.
- P 18. "Bounded integral transforms, II", QJM 19 (2), 1 (1950), 185-190. (See #8a.)
- P 20. "Random motion on a finite Abelian group", PCPS 47 (1951), 756-762. Corrigenda 48 (1952), 368.
- P 26. "Rational decisions", JRSS B 14 (1952), 107-114. (See # 43.) Republished in #'s 1364, 1850. See also #s 43, 1850A.
- P 29. "A generalization of Dirichlet's multiple integral", Edin. Math. Notes 38 (1952), 7-8.
- P 33 and 33A. "Skin banks", The Lancet (Aug. 9, 1952 and Feb. 7, 1953), 289 and 293-294.
- P 36. "The serial test for sampling numbers and other tests for randomness", PCPS 49 (1953), 276-284. (See #123.)
- JP 37. F.G. Foster and IJG. "On a generalization of P61ya's random-walk problem", QJM 4 (1953), 120-126.
- P 38. "The population frequencies of species and the estimation of population parameters", Biom. 40 (1953), 237-264. (See #86.)
- P 43. "The appropriate mathematical tools for describing and measuring uncertainty", Chapter 3 of Uncertainty and Business Decisions. (Liverpool, second edn. 1957), 20-36; based on a symp. in the Economics section of the British Association, 1953. (Similar to # 26.)
- P 50. "On the marking [grading] of chess players", Math. Gaz. 39 (1955), 292-296. See #s 605, 1243, 1304.
- P 52. "On the substantialization of sign sequences", Acta Cryst. 7 (1954), 603. (See # 186.)
- P 55. "The joint distribution for the sizes of the generations in a cascade process", PCPS 51 (1955), 240-242. (See #'s 12, 200, 337, and 413.) Reprinted in Proc. Roy. Soc. A, C 68 (1962), 256-259.
- P 56. "A new finite series for Legendre polynomials", PCPS 51 (1955), 385-388. (See #972).
- P 62. "Conjectures concerning the Mersenne numbers", MTAC 9 (1955), 120-121. See #s 365,

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1288, 1645, 1645A.

- BR 75. Review of L.J. Savage, "The foundations of statistics", JRSS A 118 (1955), 245-246.
- P 77. "Some terminology and notation in information theory", Proc. Institution Elec. Engrs., Part C (3), 103 (1956), 200-204; or Monograph 155R (1955).
- P 78. "On the weighted combination of significance tests", JRSS B 17 (1955), 264-265. (See # 174.)
- C 80. Contribution to the discussion in a symposium on linear programming, JRSS B 17 (1955), 194-196.
- P 82. "The surprise index for the multivariate normal distribution", AMS 27 (1956), 1130-1135. Corrections, 1.c. 28 (1957), 1055.
- P 83. "On the estimation of small frequencies in contingency tables", JRSS B 18 (1956), 113-124. Anticipates the EM method in a special case; also the log-linear method.
- P 84. "The likelihood ratio test for Markoff chains", Biom. 42 (1955), 531-533, and 44 (1957), 301.
- P 85A. "Which comes first, probability or statistics?" J. Inst. Actuaries 82 (1956), 249-255.
- JP 86. IJG and G.H. Toulmin. "The number of new species, and the increase of population coverage, when a sample is increased", Biom. 43 (1956), 45-63. (See #38.)
- P 110. "A classification of rules for writing informative English", Methodos 7 (1955), 193-200. (Reprinted in #341.)
- BR 112. Review of M. Allais, "Fondements d'une Theorie Positive des Choix Comportant un Risque et Critique des Postulats et Axiomes de l'Ecole Americaine", JRSS A 119 (1956), 213-214.
- BR 115. Review of D. Blackwell and M.A. Girshich, "Theory of games and statistical decisions", J. Amer. Stat. Assn. 51 (1956), 388-390.
- P 123. "On the serial test for random sequences", AMS 28 (1957), 262-264. (See #36.)
- I 125. "Variable-length multiplication", Computers and Automation 6 (1957), 54. (See #238.)
- IP 133. "On the numerical solution of integral equations", MTAC 11 (1957), 82-83.
- JP 136. R.B. Dawson and IJG. "Exact Markov probabilities from oriented linear graphs", AMS 28 (1957), 946-956.
- JP 140. "Legendre polynomials and trinomial random walks", PCPS 54 (1958), 39-42.
- P 141. "Random motion and analytic continued fractions", PCPS 54 (1958), 43-47.
- P 142. IJG and K. Caj Doog. "A paradox concerning rate of information", Information and Control 1 (1958), 113-126. (See #'s 192 and 210.)
- P 146. "The interaction algorithm and practical Fourier analysis", JRSS B 20 (1958), 361-372. (Actually see Nos. 209, 708, 1387, 2201.) (This paper inspired Tukey and Cooley to rediscover a somewhat different method for the fast calculation of discrete Fourier transforms. The great practical value of these technique had been generally overlooked before their paper was published.)

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- I 147. "A needle for the lecturer", The New Scientist 2 (October 3, 1957), 38.
- C 153. Contribution to the discussion of a paper by J. Neyman and Elizabeth L. Scott, "Statistical approach to problems of cosmology", JRSS B 20 (1958), 35.
- BR 156. Review of L. Hogben, "The relationship of probability, credibility and error", Nature 181 (1958), 1687.
- BR 162. Review of G.S. Brown, "Probability and scientific inference", BJPS 9 (1958), 251-255.
- P 169. "How much science can you have at our fingertips?" IBM J. Res. Dev. 2 (1958), 282-288. (Invited lecture at opening of IBM San Jose Laboratories.)
- I 172. "Pursuit curves and mathematical art", Math. Gaz. 43 (1959), 34-35. (See # 266.)
- P 174. "Significance tests in parallel and in series", J. Amer. Stat. Assn. 53 (1958), 799-813. (See #78.)
- P 180. "A theory of causality", BJPS 9 (1959), 307-310. (See #223.)
- P 181. "Lattice structure of space-time", BJPS 9 (1959), 317-319.
- P § 182. "Kinds of probability", Science 129 (1959), 443-447. (Italian translation by Fulvia de Finetti In L'Industria, 1959.) Reprinted in Readings in Applied Statistics (ed. William S. Peters; Prentice Hall, 1969), 28-37. Republished in #1036 Good Thinking. See #658.
- P 183. "Could a machine make probability judgements?" Computers and Automation 8 (1959), 14-16 and 24-26.
- P 185. "Speculations on perceptrons and other automata", IBM Research Report, RC 115, June 2, 1959, pp. 19.
- IP 186. "Randomized and other pseudo-randomized substantialization of sign sequences", Acta Cryst. 12 (1959), 824-825. (See #52.)
- BR 191. "Review of K.R. Popper, "The logic of scientific discovery", MR 21 (1960), 1171-1173.
- P 192. "A paradox concerning rate of information: corrections and additions", Information and Control 2 (1959), 195-197. (See #142 and 210.)
- P § 195. "Monte Carlo method", McGraw Hill Enc. Of Sc. and Tech. 8 (1960), 586-587. Also in later edns. (See also #1548.)
- P 196. "A classification of fallacious arguments and interpretations", Methodos 11 (1959), 147-159. Reprinted, with minor modifications, in Technometrics 4 (1962), 125-132. Spanish translation by D. Jaime Bertran Monistrol in Cuadernos de Estadística Apl. e Inv. Op. 2 (1963), 41-51. Danish translation by H.J.C. Rosevinge. (See #520.)
- C 198. Contribution to the discussion of a paper by E.M.L Beale, "Confidence regions in non-linear Estimation", JRSS B 22 (1960), 79-82. See #s 618, 622.
- P 199. "The paradox of confirmation", BJPS 11 (1960), 145-148. (See #245.)
- P 200. "Generalizations to several variables of Lagrange's expansion, with applications to stochastic Processes", PCPS 56 (1960), 367-380. (See #'s 413, 857 and 899.)

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- C 201. Contribution to the discussion on C.W. Dunnett "On selecting the largest of k normal Population means", JRSS B 22 (1960), 36-37.
- C 203. Contributions to the discussion of a paper by W.E. Thomson, "ERNIE-a mathematical and statistical analysis", JRSS A 122 (1959), 326-328.
- C 207. Contribution to the discussion of a paper by W.F. Bodmer "Discrete stochastic processes in Population genetics", JRSS B 22 (1960), 240-242.
- P 209. "The interaction algorithm and practical Fourier analysis: an addendum", JRSS B 22 (1960), 372-375. (See #146, 708.)
- P 210. "Effective sampling rates for signal detection: or can the Gaussian model be salvaged?" Information and Control 3 (1960), 116-140. (See #'s 142 and 192.)
- P. 211. "Weight of evidence, corroboration, explanatory power, information, and the utility of experiments", JRSS B 22 (1960), 319-331; Corrigenda 30 (1968), 203. (The correction does not invalidate the results.)
- C (2) 212. Contributions to the discussion in the Theoretical Panel of the International Conference on Scientific Information, Washington D.C., November 1958. (National Acad. Of Sc. and National Res. Council, Washington D.C., 1959; pp. 1404-1406.)
- P 217. "Speculations concerning information retrieval", Res. Rep. RC-78, Dec. 10, 1958, IBM Res. Center, Yorktown Heights, N.Y., U.S.A., pp. 14.
- P 218. "Some numerology concerning the elementary particles or things", JRNSS 15 (1960), 213. (See # 339.)
- P 221. "Weight of evidence, causality, and false-alarm probabilities", Fourth London Symp. on Information Theory, Butterworths, (1961), pp. 125-136.
- P 222. "A comparison of some methods of calculating covariance functions on an electronic Computer", The Computer Journal 3 (1960), 262-265.
- P 223. "A causal calculus", BJPS 11 (1961), 305-318; 12 (1961), 43-51; 13 (1962), 88. (See #'s 754, 1263.)
- 223B. #223 with the errata from Vol. 13 incorporated into the main text.
- P § 224. "The real stable characteristic functions and chaotic acceleration", JRSS B, 23 (1961), 180-183. (I said in this paper that I had not understood the work of the two previous writers. This was not intended to be sarcastic.)
- P 225. "An asymptotic formula for the differences of the powers of zero", AMS 32 (1961), 249-256. (A corollary of #127.)
- C 228. Contribution to the discussion of a paper by C.A.B Smith, "Consistency in statistical inference and decision", JRSS B 23 (1961), 28-29. (See #'s 230, 366, 473.)
- P 230. "Subjective probability as the measure of a non-measurable set", Logic, Methodology, and Philosophy of Science: Proc. Of the 1960 International Congress (Edited by E.Nagel, P.Suppes, and A.Tarski; Stanford, 1962), 319-329.
- I 234. "Theory of optimal games", Nature 188 (1960), 964. (The word "games" was misprinted as

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“gammas”.)

- P 235. “The colleague matrix, a Chebyshev analogue of the companion matrix”, QJM 12 (1961), 61-68.
- P 236. “Analysis of cumulative sums by multiple contour integration”, QJM 12 (1961), 115-122; 13 (1962), 80.
- P 237. “The frequency count of a Markov chain and the transition to continuous time”, AMS 32 (1961), 41-48.
- P 238. “The multivariate saddlepoint method and chi-squared for the multinomial distribution”, AMS 32 (1961), 535-548. (See #127.)
- P 243. “The mind-body problem, or could an android feel pain?” (March, 1960). Theories of the Mind (ed. by J. Scher, Glencoe Free Press, New York, 1962), pp. 490-518. Corrected reprint, 1966.
- 244.777 List of publications to No. 1850 mostly available for distribution; with a very rough subject index. This is part of the present list, 244. 778.
- 244.931 Complete list of publications to 1015A.
- P 245. “The paradox of confirmation, II” BJPS 12 (1961), 63-64. (See #'s 199, 518 and 600..)
- P 261. “Amount of deciding and decisionary effort”, Information and Control 4 (1961), 271-281. Superseded by #315.
- P § 263. “A short proof of MacMahon's ‘Master Theorem’”, PCPS 58 (1962), 160.
- P § 264. “Proofs of some ‘binomial identities by means of MacMahon's ‘Master Theorem’ ”, PCPS 58 (1962), 161-162.
- C(10) 272-281. Contributions to the discussion of ten papers at the Fourth London Symposium on Information Theory (1960) in Information Theory: Fourth London Symposium (Colin Cherry, ed.; Butterworths, London,, 1961).
- I 266. “Hung upside down”, Math. Gaz. 46 (1962), 146-147. (See #s 172, 752.)
- P 290. “How rational should a manager be?” Management Science 8 (1962), 383-393. Republished with numerous minor improvements, in Executive Readings in Management Science (ed. by Martin K. Starr), Macmillian, New York, and Collier-Macmillian, London & Toronto; 1965, pp. 89-98.
- BR 294 and 294A. Review of H. Jeffreys, “Theory of Probability”, Third Edition, The Geophysical J. of the Royal Astr. Soc. 6 (1961), 555-558 and in JRSS A 125 (1962), 487-489.
- P 315. “Measurements of decisions”, in New Perspectives in Organization Research (ed. by W.W. Cooper, H.J. Leavitt, and M.W. Shelly II, Wiley; New York, London, Sydney, 1964), pp. 391-404.
- P 316. “Analogues of Poisson's summation formula:”, Amer. Math. Monthly 69 (1962), 259-266. Awarded a prize, by the Mathematical Association of America, for good exposition.
- P 322. “Maximum entropy for hypothesis formulation, especially for multidimensional contingency tables”, AMS 34 (1963), 911-934. (Called #322A in original complete list.) Shows that

the log-linear model follows from the principle of maximum entropy.

- P 323. "Weighted covariance for estimating the direction of a Gaussian source", Proc. Symp. on Time Series Analysis, Brown University, June, 1962 (Wiley New York, 1963; ed. by Murray Rosenblatt), 447-470.
- C (9) 331. Contributions (nine) to the discussion in The Foundations of Statistical Inference: a Discussion opened by L.J. Savage (Methuen and John Wiley, 1962), pp. 68, 70-71, 74, 77-78, 84, 87, 90 (bis), 92-93. (See also pp. 10, 11, 23, 59, 61, 85, 105.)
- P 337. "Cascade Theory and the molecular weight averages of the sol fraction", Proc. Roy. Soc. Ser. A 272 (1963), 54-59. (See #55.)
- \* 339. Edited with the help of A.J. Mayne (Associate Editor) and John Maynard Smith (Biology Editor): The Scientists Speculates: An Anthology of Partly-Baked Ideas (London, Heinmann, 1962; Basic Books, New York, 1963; German trans., Econ. Verlag, Dusseldorf, 1965; French trans., Dunod, Paris, 1967; Paperback, Capricorn Books, New York, 1965.)
340. "pbis", in 339, 103.
343. "Anglo-Russian Loglan", in 339, 56.
344. "A metaphonetic conjecture", in 339, 63.
345. "A royal road for learning alphabets", in 339, 63.
346. "Immortal art", in 339, 65.
347. "Botryological speculations", in 339, 120-132.
348. "Audiovisual reading", in 339, 137-138.
349. "Remote-control dentistry", in 339, 139-140.
350. "Speculations concerning precognition", in 339, 151-157.
351. "Explosive telepathic fields", in 339, 164-165.
352. "EEG and ESP", in 339, 168-169. (Why not LSD-EEG-ESP?)
353. "A theory which it is impossible to believe if true", in 339, 184. (Goethe anticipated me on this one.)
354. "When I hear the word 'gun' I reach for my culture", in 339, 188-189. (See #1526.)  
Republished in A Dictionary of Modern Quotations (J.M. and M.J. Cohen, eds.; Penguin, 1971/75, p. 86).
355. "The social implications of artificial intelligence", in 339, 192-198.
356. "A problem for the hedonist", in 339, 199-200.
359. "Interstellar communication for chemical research", in 339, 239-240.
360. "Natural rejection", in 339, 257-258.
361. "Two-way determinism", in 339, 314-315.

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362. "Physical numerology", in 339, 315-319.
363. "Computers, causality, and the direction of time", in 339, 326-329.
364. "Winding space", in 339, 330-336. (Wigner liked this.)
366. "The bitter end", in 339, 365-367.
- P 368. "The relevance of semantics to the economical construction of an artificial intelligence", IEEE Special Publication S142, pp. 157-168. (Preprints of a symp. on artificial intelligence in January, 1963 in New York.) For a much-expanded version see # 397.
- P 374. "One the independence of quadratic expressions", with an appendix by L.R. Welch, JRSS Ser. B 25 (1963), 377-382. Corrigenda, 28 (1966), 584.
- P 375. "Quadratics in Markov-chain frequencies, and the binary chain of order 2", JRSS Ser. B 25 (1963), 383-391.
- IP 376. "Information theory: Survey", CRD-IDA Working Paper No. 83, April 1963, pp. 33.
- P. 385. "Quantum mechanics and Yoga", Res. J. Philosophy and Social Sc. 1 (1963), 84-91.
- P 391. "The human preserve" (an invited contribution to a symp. on extraterrestrial life held by the Institute of Biology and the British Interplanetary Society, May 1964), JRNSS (1964), 370-373; and Spaceflight 7 (1965), 167-170 and 180. (See #476.)
- C 394. Contribution to the discussion of A.R. Thatcher "Relationships between Bayesian and Confidence Limits for predictions," JRSS B, 26 (1964), 204-205. (See #1641.)
- P 396. "The rules of Co", Go Monthly Review 4 (No. 7, 1964), 51-52 and 55, and 5 (No. 3, 1965), 7-8. (See #417.)
- P 397. "Speculations concerning the first ultraintelligent machine", Advances in Computers 6 (1965), 31-88. (Academic Press.)
- 397A. Index of #397 (mimeographed).
- \* 398. The Estimation of Probabilities: An Essay on Modern Bayesian Methods. (M.I.T. Press March, 1965; pp. xii + 109.) (See Nos. 522 & 547.) (Paperback edn. 1968)
- IP 400. "A note on Richard's paradox", October 1963, Mind 75 (1966), 431.
- IP 405. "The average on a sphere of the exponential of a homogeneous function", CRD-IDA, Working Paper No. 85, May 1963, pp. 11. (See # 758.)
- IP 409. "The loss of information due to clipping a wave-form" ARL/GAMMA 50/R1, August 1964.
- 409A. Information and Control 10 (1967), 220-222.
- P 411. "Categorization of classification", Proc. of a Conference on Mathematics and Computer Science in Biology and Medicine at Balliol College, Oxford, in July 1964. (London, HMSO, 1965, pp. 115-125; discussion 126-128. See #s487, 489, 1417.)
- P 412. "The regression of a phenotypic value on the values for the parents and grandparents",

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- appendix to a monograph on breeding planned by D. Michie and Jean Hayes. (? Proc. Roy. Soc.). (See #486.)
- P 413. "The generalization of Lagrange's expansion, and the enumeration of trees", PCPS 61 (1965) 499-517. (See #'s 12, 55, and 200.)
- 413a. Typed (longer) version of #413 of October 1963.
- 413A. Correction to No. 413, PCPS 64 (1968), 489.
- BR 414. Review of E. Madelung, "Die mathematischen Hilfsmittel des Physikers", Seventh Edn., Math. Gaz. 50 (1966), 95.
- C 416. Contribution to the discussion of J.W. Pratt, "Bayesian interpretation of standard inference statements", JRSS B 27 (1965), 196-197.
- P 417. "The mystery of Go", The New Scientist (Jan. 1965) 172-174. (See #396.)
- C 418. Seconding the vote of thanks for A.Q. Morton's "The authorship of the Pauline epistles: a scientific approach", JRSS A 128 (1965), 225-227; Corrigenda, 623.
- JP 425. (With Bernard Meltzer.) "Two forms of the prediction paradox", Brit. J. Philosophy Sc. 16 (1965), 50-51.
- P 426. "Logic of man and machine", The New Scientist 26 (15 April 1965), 182-183. (See also #'s 475, 482, and 540.)
- I 432. "A new method of catching a lion", Amer. Math. Monthly 72 (1965), 436.
- I 475 (=426A). "The library index", The New Scientist 26 (1965), 606.
- P § 476. "Life outside the earth", The Listener 73 (June 3, 1965), 815-817. Japanese translation in The Japan Times Weekly, Aug. 28, 1965, pp. 14-15. (See #'s 391, 597, and 644.)
- I 482 (=426B). "Logic of man and machine", letter in The New Scientist 27 (1965), 518. See # 540.
- I 483. "A code of rules for five-minute chess", Chess 30 (1965), 352.
- IP 486. "Regression of a phenotypic value on the values for the parents and grandparents," Nature 208 (9<sup>th</sup> October 1965), 203-204. (An abbreviated form of #412.)
- P 491. "The future of divination", ARK (the Journal of the Royal College of Art), Summer 1966, 28-33. (Contains a discussion of coincidences.)
- IP 496. "Life outside the Earth", letter in The Listener, June 17, 1965.
- P 498. "The probability of war", JRSS A 129 (1966), 268-269.
- BR 499. Review of H.A. Bethe, "Intermediate quantum mechanics", Math. Gaz. 50 (1966), 359-360.
- P 505. "A derivation of the probabilistic explication of information", JRSS B 28 (1966), 578-581.
- P 508. "On the principle of total evidence", BJPS 17 (1967), 319-321. (See #855.)
- C 513. Contribution to the discussion of G.B. Wetherill and G.E. Campling, "The decision theory approach to sampling inspection", JRSS B 28 (1966), 414.

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- BR 516. Review of R. von Mises, "Mathematical theory of probability and statistics", JRSS A 128 (1966), 289-291.
- P 518. "The white shoe is a red herring", BJPS 17 (1967), 322. (See #'s 245 and 600.)
- P 520. "Fallacies, statistical", International Enc. Social Sc. 5, 292-301. (Macmillan and Free Press, March 1968). (See #'s 196, 928.)
- P 521. "A five-year plan for automatic chess", in Machine Intelligence. II (ed. Dale and Michie, Oliver and Boyd, January 1968), 89-118. [Paraphrased by Baruch Wood, editor, in Chess 34 (1969), 245-250, who says "... a look into the future with, en passant, a masterly guide to positional judgement.]
- P 522. "How to estimate probabilities", J. Inst. Maths. Applics. 2 (1966), 364-383. (See #'s 398 and 547.)
- P 523. "The decision-theory approach to the evaluation of information-retrieval systems", Information Storage and Retrieval 3 (1967), 31-34.
- P 524. "Statistics and language", in Encyclopedia of Linguistics, Information and Control, (ed. A.R. Meetham; Pergamon Press, 1969), 567-581.
- P 525. "The function of speculation in science exemplified by the subassembly theory of mind", Theoria to Theory 1 (1966), 28-43. (See #'s 339, 397, 535, 674.)
- 525A. A leaflet advertising Theoria to Theory: not a publication of mine, but the first issue contains my #525.
- JP 526. (Jointly with T.N. Gover.) "The generalized serial test and the binary expansion of  $\sqrt{2}$ ", JRSS A 130 (1967), 102-107. (See #'s 36 and 123.)
- I 526A. Corrigendum and Addition to No. 526; JRSS A 131 (1968), 434.
- BR 532. Review of Yu. A. Shreider (ed) "The Monte Carlo method: the method of statistical trials", Nature 212 (Dec. 10, 1966), 1008.
- P 535. "Partly-baked ideas", Zenith (Hilary Term, 1967), 16-17 and 19-21. (See #'s 339 and 525.)
- I § 537. "Let there be no mistake", letter in The New Scientist 32 (Dec. 1, 1966), 530. See #1497.
- P § 540. "Human and machine logic", BJPS 18 (1967), 144-147. (See #'s 426 and 626.)
- BR 541A. Review of I. Hacking, "Logic of statistical inference", Nature 213 (1967), 233-234.
- P 547. "A Bayesian significance test for multinomial distributions". JRSS B 29 (1967), 399-431 (with discussion). (See #'s 398 and 522.) Corrigendum 36 (1974), 109.
- C § 565. (Analysis of log-likelihood ratios, "ANOVA".) A contribution to the discussion of a paper on least squares by F.J. Anscombe: JRSS B 29 (1967), 39-42.
- IP 566. "Checks on Yate's algorithm", Biometrics 23 (1967), 573.
- C 570. Contribution to discussion on a paper by S.F. Buck and A.J. Wicken on the risk of mortality from lung cancer and bronchitis, Applied Statistics = JRSS C 16 (1967), 206-208.
- JP 574. I.J. Good and G.H. Toulmin, "Coding theorems and weight of evidence", J. Inst. Math.

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- Applics. 4 (1968), 94-105. (Gives a more intuitive proof of one of Shannon's theorems.) See #1040
- C 579. Contribution to the discussion of a paper by Karl Borch on the theory of risk, JRSS B 29 (1967), 462-463.
- P 592. "Some statistical methods in machine-intelligence research", Virginia J. Sc. 19 (1968), 101-110. (A lecture at Fort Belvoir, Durham, North Carolina, November 1967.)
- 592B. "Some statistical methods in machine intelligence research", Math. Biosc. 6 (1970), 185-208.
- 592C. List of the improvements to #592 for version #592B.
- P 597. "The Cosmic Club", Context 2 (1968), 2-9 and 36. (See #'s 391, 476 and 644.)
- P 598. "Science in the flesh", in Cybernetics, Art and Ideas (ed. by Jasia Reichart of the Institute of Contemporary arts), Studio Vistas, London, 1971, 100-110.
- P 599. "Corroboration, explanation, evolving probability, simplicity, and a sharpened razor," BJPS 19 (1968), 123-143. (See #876.)
- P § 600. "The white shoe qua herring is pink", BJPS 19 (1968), 156-157. (See #518.)
- P 603. "Some examples of statistical and scientific inference, with special reference to Bode's Law", invited paper at the spring meetings at Blacksburg, of the Biometrics Soc., ASA, and IMS, in March 1968. (See #705.)
- P 603B. "A subjective evaluation of Bode's Law and an 'objective' test for approximate numerical rationality", JASA 64 (1969), 23-66 with discussion. See #705.
- P 604. "The characteristic functions of functions", Proc. Roy. Soc. (London), A 307 (1968), 317-334.
- IP § 604A. "Characteristics functions of functions", Nature 218 (1968), 603-604.
- P 606. "A generalization of the Bernoulli-Euler partition formula", Scripta Math. 28 (1970), 319-320.
- P 607. "Some applications of the singular decomposition of a matrix", Technometrics 11 (1969), 823-831. 607F. Erratum and Addendum, 12 (1970), 722.
- JP 610. I.J. Good and R.F. Churchhouse, "The Riemann hypothesis and pseudorandom features of the Möbius function", Mathematics of Computation 22 (1968), 857-861.
- IJP 610A. I.J. Good and R.F. Churchhouse, "A new conjecture related to the Riemann hypothesis", in Some Research Applications of the Computer, 1968 (Atlas Computer Laboratory, Science Research Council, Chilton, Didcot, Berkshire, 1969), 7-10.
- IP § 612. "The number of possible strategies when writing compilers", Comm. ACM 11 (1968), 474.
- P 615. "Creativity and duality in perception and recall", Pattern Recognition I.E.E./N.P.L. (London: Institution of Electrical Engineers, July 1968), 228-237.
- P § 617. Discussion of Bruno de Finetti's paper "Initial probabilities: a prerequisite for a valid

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induction", 1968 Salzburg Colloquium in Philosophy of Science (International Union of History and Philosophy of Science; Division of Logic, Methodology and Philosophy of Science); Synthese 20 (1969), 17-24.

- 617A. No. 617 in Induction, Physics, and Ethics: Proceedings and Discussions of the 1968 Salzburg Colloquium in the Philosophy of Science (ed. P. Weingartner and G. Zecha, Synthese Library, D. Reidel, Dordrecht, Holland, 1970), 18-25.
- P 618. "What is the use of a distribution?" in Multivariate Analysis-II (ed. P.R. Krishnaiah; New York: Academic Press, 1969), 183-203. See #198, 622.
- P 621. "Conditions for a quadratic form to have a chi-squared distribution", Biom. 56 (1969), 215-216. See #374.
- 621B. Erratum for No. 621, Biom. 57 (1970), 225.
- IP § 622. "Utility of a distribution", Nature 219 (1968), 1392. See #618.
- § 626. "Göedel's theorem is a red herring", BJPS 19 (1969), 357-358. (See #540.)
- IP 629. "A proposal for an eye-brain experiment", Nature 220 (1968), 1127.
- C 631. Contribution to the discussion of a paper by M.R. Novick, "Multiparameter Bayesian indifference procedures", JRSS B 21 (1969), 59-61.
- IP 634. "Analysis of the machine chess game, J. Scott (White), ICL-1900 versus R.D. Greenblatt, PDP-10", in Machine Intelligence 4 (ed. D. Michie and B. Meltzer) (Edinburgh: University Press, 1969), 267-269.
- JP 636. (W.I. Card and I.J.G.) "The estimation of the implicit utilities of medical consultants", Mathematical Biosciences 6 (1970), 45-54.
- P § 637. (I.J.G. and Ray Gaskins) "The centroid method of integration", Nature 222 (May 17, 1969), 697-698. (See #696.)
- P 643. "How random are random numbers?" The American Statistician 23 (Oct. 1969), 42-45.
- P 644. "The chief entities", Theoria to Theory 3 (April 1969), 71-82. (See #'s 391, 476, 597 and 1298)
- P 645. "Polynomial algebra: an application of the fast Fourier transform", Nature 222 (1969), 1302.
- P 646. "The factorization of a sum of matrices and the multivariate cumulants of a set of quadratic expressions", J. Combinatorial Theory Ser. A 11 (July 1971), 27-37; minor errata: 12 (1972), 309. See #836.
- IP 648. "The discrete Fourier transform: work by I.J. Good", June 5, 1969, pp. 6. Mimeographed.
- IP 649. "The fast Fourier transform and discrete Fourier transform: Bibliography", June 13, 1969, pp. 5. Mimeographed.
- Republication 658. See #182.
- P 659. "The probabilistic explication of information, evidence, surprise, causality, explanation, and utility", in Foundations of Statistical Inference (Proceedings of an international symposium at Waterloo, April 1970). Eds. V.P. Godambe and D.A. Spratt. Toronto: Holt, Reinhart and

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Winston of Canada, 1971; pp. 108-141 [with Appendix, discussion and replies]. See #679, 715-738 and 1002.

- JP 660. I.J. Good and R.A. Gaskins, "Some relationships satisfied by additive and multiplicative congruential sequences, with implications for pseudorandom number generation". In Computers in Number Theory: Proc. Sc. Res. Council Atlas Symp. at Oxford, 18-23 Aug. 1969 (Academic Press, Aug. 1971; eds. A.O.L. Atkin and B.J. Birch), 125-136.
- JP 662. John A. Cornell and I.J. Good, "The mixture problem for categorized components", J. Amer. Stat. Assn. 65 (1970), 339-355.
- JP 665. I.J. Good, T.N. Gover and G.J. Mitchell, "Exact distributions for  $X^2$  and for the likelihood-ratio statistic for the equiprobable multinomial distribution", JASA 65 (1970), 267-283. (On page 281, the entry for  $a = 15$  and  $v = 16$  should be 0.280.)
- 665A. Corrigendum: JASA 66 (1971), 229.
- 665B. Second Corrigenda (by IJG & J.F. Crook), JASA 73 (Dec. 1978), 900.
- P 666. "Some future social implications of computers", in Cybernetics, Simulation and Conflict Resolution (ed. Douglas Knight; Spartan Books, 1971), 221-249.
- 666D. Revision of no. 666. in Intern. J. Envir. Studies 1 (1970), 67-79; 3 (1972), 331.
- IP 667. "Computers in the future: for better or worse" a shortened version of 666, in Context (VPI & SU Publication) (Spring 1970), 29-35.
- 638, 653, 664, 664A, and 689. Six letters in The American Statistician 23 (1969); July, p. 35; June p. 49, June pp. 48-49; October, p. 53; and April 24, 1970, 36, and 36-37, being
- (i) a reply to a letter from Bross
  - (ii) "Pregression";
  - (iii) "Kindness to referees";
  - (iv) "Split questionnaires";
  - (v) "Split questionnaires, II";
  - (vi) a reply to the letter from C.M. Dayton re Bode's Law.
- P § 668. "A short proof of a conjecture by Dyson", J. Math. Physics 11 (June 1970), 1884. (See # 1555 and 1736.)
- P § 670. "The interpretation of X-ray shadowgraphs", Physics Letters A 31A, No. 3 (Feb. 9, 1970), 155. (I didn't know the word 'tomography'.)
- P 672. "A suggested resolution of Miller's paradox" BJPS 21 (1970), 288-289.
- P 673. "The inverse of a centrosymmetric matrix", Technometrics 12 (1970), 925-928.
- I 678. "Speculations in hard and soft science", Part 1, Futures 2, No. 1 (March 1970), 70-73. (See #'s 685, 704, 713, 751.)
679. "Twenty-seven principles of rationality", Appendix to #659; pp. 124-127.
- IP 685. "Speculations in hard and soft science", Part 2, Futures 2, No. 2 (June 1970), 176-179. (See #'s 678, 704.)
- IP 686. "Words, diagrams and numbers in the communication of science", The Times Literary Supplement, #3558 (May 7, 1970), p. 513.

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- P 688. "An analogy between sunspots, the planets and satellites", JRNSS 25 (July 1970), 211-213.
- IP 690. "Information, rewards, and quasi-utilities", invited lecture at Second World Congress of the Econometric Society, Cambridge, England, September 8-14, 1970.
- P 690A. Revision of #690 in Science, Decision, and Value (eds. J.J. Leach, R. Butts, and G. Pearce; Dordrecht: D. Reidel 1973), 115-127.
- I 690B. Abstract of #690 in Econometrica 39, No. 4 (July 1971), 195-196.
- IP 695. "A note on Condorcet sets", Public Choice 10 (1971), 97-101; 15 (1973), 119.
- JP 696. I.J. Good and R.A. Gaskins, "The centroid method of numerical integration", Numerische Mathematik 16 (1971), 343-359. (See #637. and 1100.)
- BR 697. Review of Philip McShane, "Randomness, Statistics, and Emergence" (Gill and Macmillan, 1971, p. 268) Times Literary Supplement (Sept. 18, 1971), p. 1043. Published anonymously by convention of the editor.
- IP 699. "Non-parametric roughness penalty for probability densities", Nature Physical Science 229 (January 4, 1971), 29-30. (Owing partly to the British postal strike, this contains 21 misprints.) (See # 701.)
- JP 700. I.J. Good and W.I. Card, "The application of rationality to medical records", Math. Biosc. 10 (1971), 157-176.
- JP 701. I.J. Good and R. A. Gaskins "Nonparametric roughness penalties for probability densities", Biometrika 58, No. 2 (Sept. 1971), 255-277. (See #s 699, 810, 2371.) Reprinted in "Biometrika: One Hundred Years" (D.M. Titterington & D.R. Cox; OUP, 2001, pp. [359-381], and see pp. [144 and 145]). (See #'s 810 and 2371.)
- IP 704. "Speculations in hard and soft science", Part 3, Futures 2, No. 3 (Sept. 1970), 273-275. (See #'s 678, 685, 713 751.)
- P 705. "The evolving explanation of a numerological 'law'" being an invited 'rebutal' to Bradley Efron's paper "Does an observed sequence of numbers follow a simple rule? (Another look at Bode's law)", JASA 66 (Sept. 1971), 559-562. (See #'s 603B, 764.)
- I 706. "Antiregression", letter in The American Statistician 24 (Oct. 1970), 47.
- P § 707. "Free will and speed of computation", BJPS 22 (1971), 48-50.
- P 708. "The relationship between two fast Fourier transforms", IEEE Trans. on Computers, C20 (March 1971), 310-317. (See #'s 146, 209, 2201.)
- P 709. "The proton and neutron masses and a conjecture for the gravitational constant", Physics Letters A 33, No. 6 (Nov. 1970), 383-384.
- 624, 625, 635, 647, 654, 655, 684, 698, and 710. Speculative columns in the Mensa Journal, Nos. 110 (April 1968), 111 (May 1968), 112 (June 1968), 113 (July 1968), 115 (Sept. 1968), 118 (Dec. 1968), 119 (Jan. 1969), 121 (March 1969), 123 (May 1969), 127 (Sept. 1969), 131 (Feb. 1970), 134 (May 1970), 138 (Sept. 1970), and 141 (Dec. 1970). See also #'s 763, 782, 805, and 2166.
- JI 711. W.I. Card and I.J. Good, "Logical foundations of medicine", British Medical J. (March 27,

I.J. Good's Shorter Publications List

1971), 718-720.

- IP 713. "Speculations in hard and soft science", Part 4, Futures 2, No. 4 (Dec. 1970), 380-383. (See #'s 678, 685, 704, 751.)
- C 719-738. Contribution to the discussion of twenty papers in The Proceedings of the Symposium on the Foundations of Statistical Inference held at the University of Waterloo, Ontario, Canada March 31- April 9, 1970. See #659.
- C 743-748. Contributions to the discussion of the papers by B. de Finetti, Ian Hacking, H. Vetter, E. Schmutzer, H.J. Greonwold, and M. Strauss in Induction, Physics, and Ethics: Proceedings of the 1968 Salzburg Colloquium in the Philosophy of Science (ed. P. Weingartner and G. Zecha, Synthese Library, D. Reidel, Dordecht, Holland, 1970), 31-32, 72-73, 103-104 and 113, 168, 217 and 218 (bis), 321-322 and 325.
- 750.1-750.7 "The Bayesian Influence", mimeographed notes of lectures at VPI&SU, April 2 to June 4, 1971.
- IP 751. "Speculation—how to save Democracy", Futures 3, No. 1 (March 1971), 77-79. (See #'s 678, 685, 704, 713.)
- P 753. "Statistics and today's problems", The Amer. Statist., 26, No. 3 (June, 1972), 11-19.
- BR 754. Review of Patrick Suppes, "A probabilistic theory of causality", Acta Philosophica Fennica, Fasc. XXIV. JASA 67 (March 1972), 245-246.
- JP 755. I.J. Good and W.I. Card, "The diagnostic process with special reference to errors", Methods of Information in Medicine 10, No. 3 (July 1971), 176-188.
- IP 756. "A power law and a logarithmic law in athletics", The American Statistician 25 (June 1971), 54.
- P 758. "The average on a sphere of the exponential of a homogeneous function", Iranian J. Sci. and Technology, 1, No. 1 (June 1971), 11-20. (A slight revision of the unpublished report #405.)
- BR 761. Review of J.R. Lucas, "Freedom of the Will" (Oxford, 1970), Brit. J. Philos. Sci. 22 (Nov. 1971), 382-387.
- IP 762. "The optimal size of an organization", Eureka 34 (October 1971), 28-30.
- IP 763. "The Baker's Oven, XV", Mensa J. and Bulletin, No. 150 (Oct. 1971), 10-12 (pbis 186-269) See #710, 782.
- IP 764. "Christian Wolff, Titius, Bode, and Fibonacci", letter in The American Statistician 26, No. 1 (Feb. 1972), 48-49. See #837.
- IP 765. "46656 varieties of Bayesians", letter in The American Statistician 25 (Dec. 1971), 62-63.
- I 770. "A proposed ESP experiment, using encipherment", paraSCIENCE, 1, No. 3 (Nov. 1971), 1-2.
- I 771. Letter in Scientific American 225, No. 4 (Oct. 1971), p. 8, concerning an article "Eye movements and visual perception" (by D. Noton and L. Stark).
- IP 772. Comments on Colin Blyth's two papers "On Simpson's paradox and the sure-thing principle" and "Some probability paradoxes in choice from among random alternatives", JASA 67 (June

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- 1972), 374-375.
- P 777. "Human and machine intelligence: comparisons and contrasts", Impact of Science on Society 21, No. 4 (Oct. 1971), 305-322. See #817.
- P 777A. "L'intelligence de l'homme et l'intelligence artificielle: analogie et différences", Impact: science et société, 21, No. 4 (Oct. 1971), 343-362.
- I 780. "The use of clones in experimental parapsychology", paraSCIENCE, 1, No. 1 (1971), p. 5.
- IP 782. "Partly-baked ideas, # XVI", Mensa J. No. 156 (May 1972), pbi's 270-291. See #s 763, 805.
- I 786. "An elaboration of the whispering gallery hypothesis for precognition", in paraSCIENCE 1, No. 4 (Dec. 1971), 1-2.
- P 788A. "Chinese universes" Physics Today 7 (July 1972), 15. (See #'s 834A, 999, 1508.)
- IP 791. "What is the most amazing approximate integer in the universe?" Pi Mu Epsilon Journal 5, No. 7 (Fall 1972), 314-315.
- P 792. "Correlation for power functions", Biometrics 28 (Dec. 1972), 1127-1129, Erratum 29 (Dec. 73), 829. See #s 1157, 1477.
- IP 793. "Scientific induction and exponential-entropy distributions", The American Statistician 26 (April 1972), 45.
- JP 795. I.J.G. and Lawrence S. Mayer, "On surfaces of constant societal loss in a model of social choice", J. Mathematical Sociology 2 (1972), 209-220.
- P 796. "Food for thought", invited lecture at the Conference on the Interdisciplinary Investigation of the Brain, Oxford, April 1972. In Interdisciplinary Investigation of the Brain (ed. J.P. Nicholson, Planum Press, 1972), 213-228.
- JP 798. W.I. Card and I.J. Good, "A logical analysis of medicine", in A Companion to Medical Studies, 3 (eds. R. Passmore and T.S. Robson, Oxford: Blackwell's), Chapter 60 (January 1974).
- IP 805. "Partly baked ideas" (No. XVII), Mensa J., #158 (July and Aug. 1972), p. 3; pbi's 292-321. (See #'s 782, 961.)
- I 807. Cover design for Theoria to Theory 6, 3<sup>rd</sup> Quarter (July 1972), picture of a functional chess board. See 1261, 1285.
- JP 810. I.J.G. and R.A. Gaskins, "Global nonparametric estimation of probability densities", Virginia J. of Science 23, 4 (Dec. 1972), 171-193. [This paper was invited by the editor after 701D was awarded the Horsley Prize (awarded annually for the best original research in Virginia). It is a much expanded form of #701.]
- P 814. "Is the size of our galaxy surprising?", The Amer. Stat. 27 (Feb. 1973), 42-43.
- I 814A. "Is the size of our galaxy surprising?", Abstract in Va. J. Sci. 24 No. 3 (1973), 116.
- P 815. "Random thoughts about randomness", invited lecture in the symposium on the Concept of Randomness dedicated to the memory of L.J. Savage in the Biennial Meeting of the Philosophy of Science Assoc., Olds Plaza Hotel, Lansing, Mich., Oct. 27-29, 1972. In PSA 1972 (Boston Studies in the Philosophy of Science; Dordrecht: D. Reidel, 1974), 117-135.

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(See #1643.)

- P 817. Reprinting of #777 in RUR: Journal of Cybernation and Public Affairs, No. 4 (Summer 1972) (issue on Intelligence, machine and human), pp. 4-12. (Journal edited by T.D.C. Kuch.)
- P 822. "The joint probability generating function for run-lengths in regenerative binary Markov chains, with applications", The Annals of Statistics 1 (1973), 933-939. See #866.
- I 823. List of major publications having statistical content, with thumbnail comments on some of them. Mimeo'd, pp. 11, Feb. 2, 1973.
- I 827. Continued fractions for the exponential function, Amer. Math. Monthly 80 (Feb. 1973), No. 2, 209. (Advanced Problem No. 5897.) (See #906.)
- I 828. List of major publications having statistical content. Mimeo'd, 14 Feb. 1973; pp. 3. (See # 823.)
- P 829. "A reciprocal series of Fibonacci numbers", The Fibonacci Quarterly 12 (Dec. 1974), 346.
- I 834A. "Chinese Universes", Abstract in Virginia J. Science 24, No. 3 (Fall 1973), 116. See #s 788, 788A, 959.
- IP 835. "What are degrees of freedom?", The Amer. Statist. 27 (Dec. 1973), 227-228. See #859.
- I 837. "Bode, von Weizäcker, and Fibonacci", The Amer. Statist. 27 (June 1973), 127.
- P 838. "The Bayesian influence, or how to sweep subjectivism under the carpet", Foundations of Probability Theory, Statistical Inference, and Statistical Theories of Science (Proc. of a Conference in May 1973 at the Univ. of W. Ontario; eds. C.A. Hooker and W. Harper), Vol. 2, Dordrecht, Holland: D. Reidel (1976), 125-174.
- I 839. "Larsen unnecessarily bent", CHESS 37 (Oct. 1971), p. 10. (Analysis of a position, Bent Larsen v. Bobby Fischer.)
- JP 841. L.S. Mayer and IJG, "On ordinal prediction problems", Social Forces 52 No.4 (June, 1974), 543-549. 841A. Errata to #841 (printer's blunders).
- BR 844. Review of Terrence L. Fine, "Theories of probability: an examination of foundations" (Academic Press, New York and London, 1973, pp. 263 + xii), IEEE Trans. Infn. Th. IT-20, No. 2 (March 1974), 298-300.
- P 846. "Explicativity, corroboration, and the relative odds of hypotheses", in a conference in the Dept. of Philosophy, Univ. of S. Carolina, "Methodologies: Bayesian & Popperian", Nov. 1973, Synthese 30 (Feb/Mar. 1975), 39-73. (See #890.)
- BR 847. Review of D.V. Lindley, Bayesian Statistics, a Review, SIAM, 1971, v + 83pp.; MR 48, No. 4 (Oct. 1974), pp. 1288-1289, Rev. # 7423.
- J \* 854. D.B. Osteyee and IJG, Information, Weight of Evidence, the Singularity between Probability Measures and Signal Detection, Springer Verlag ("Lecture Notes" series), pp. xi + 156, April 1974.
- P 855. "A little learning can be dangerous", BJPS 25 (Dec. 1974), 340-342. (See #'s 508, 905.)
- P 857. "The Lagrange distribution and branching processes", SIAM J. Appl. Math. 28 (March, 1975), 270-275.

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- P 858. "The number of orderings of  $n$  candidates when ties are permitted", Fibonacci Quarterly 13, No.1 (Feb. 1975), 11-18.
- I 859. "What are degrees of freedom: an addendum", letter in The American Statistician 28, No. 2 (May 1974), 76-77. (See #835.)
- P 860. "The Bayes factor against equiprobability of a multinomial population assuming a symmetric Dirichlet prior", Annals of Statistics, 3 (Jan. 1975), 246-250.
- Cas. 861. Cassette recording, interviewed by Christopher Evans, 1973, in the series "Brian Science Briefings"; Ferranti LTD. Transferred to Ars Magna Ltd., April 1974.
- JP 862. I.J.G. and J.F. Crook, "The Bayes/non-Bayes compromise and the multinomial distribution", JASA 69 (Sept. 1974), 711-720.
- JP 871. IJG and Niclus Tideman, "From individual to collective ordering through multidimensional attribute space", Proc. Roy. Soc. London, A, 347 (13 Jan. 1976), 371-385. (See #1014.)
- 871B. Long version of #871, "Draft 11" (1974 Dec. 9), pp. 62, mimeo'd.
- BR 875. Review of Arnold Zellner, An Introduction to Bayesian Inference in Econometrics (Wiley, 1971, pp. 431 + xv); Technometrics 17 (1975), 137-138. (See #948.)
- IP 876. "A correction concerning complexity", BJPS 25, No. 3 (Sept. 1974), 289. (See #599.)
- P 882. "And Good Saw the it was God(d)", Parascience Research J. 1, No. 2 (Feb. 1975), 3-13. (See #1322.)
- 882A. A reprinting of #882, with minor changes, Parasc. Proc. 1973/77 (issued '79), pp. 55-66. See #1322.
- JP 883. IJG and L.S. Mayer, "Estimating the efficacy of a vote", Behavioral Science 20 (1975), 25-33. (See #901.)
- 883A. Errata (May 1975), ¼ page, mimeo'd.
- I 888. "Cheats and liars", letter in the Roanoke Times, July 26, 1974, p. 6.
- P 890. Reply to the discussion at the Conference on "Methodologies: Bayesian vs. Popperian", response dated September 23, 1974. Synthese 30 (1975), 83-93. (See #846.)
- IP 893. "Friendly game: CHESS 4.0 v Kaissa", Firbush News 5 (November, 1974), 41-45. Published by the Machine Intelligence Research Unit, Edinburgh University. See #1220.
- P 895. "A new formula for cumulants", Mathematical Proceedings of the Cambridge Philisophical Society 78 (Sept. 1975), 333-337; 92 (1982), 343. (See #s 969, 981, 1031.)
- IP 898. "The infinite speed of propagation of gravitation in Newtonian physics", The American Journal of Physics, 43 No. 7 (July 1975), 640-641.
- P 899. "The relationship of a formula of Carlitz to the generalized Lagrange expansion", SIAM Journal on Applied Mathematics 30 (Jan. 1976), 103.
- JP 900. P.S. Bruckman and IJG., "A generalization of a series of de Morgan, with applications of Fibonacci type", Fibonacci Quarterly 14 (October 1976), 193-196.

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- IJP 901. L.S. Mayer and IJG. Letter re: "The paradox of not voting", "Is minimax regret applicable to voting decisions?", Amer. Political Sci. Rev. 69 (Sept. 1975), 916-917. (See #883.)
- IP 906. Solution of Advanced Problem Number 5897 of the Amer. Math. Monthly of Feb. 1973 "Continued fraction for  $e^{1/2}$ ", Amer. Math. Monthly 81 (May 1975), 532-533. (See #827.)
- P 907. "Dynamic probability, computer chess, and the measurement of knowledge", Firbush News 6 (July, 1976), 43-62. (See #938.)
- BR 919. Review of Melvin R. Novick and Paul H. Jackson, "Statistical Methods for Educational and Psychological Research", (McGraw-Hill, Inc., 1974), Contemporary Psychology 20 (Oct. 1975), 770-772.
- P 920. "The number of hypotheses of independence for a random vector or for a multidimensional contingency table, and the Bell numbers", Iranian J. Sc. Technology 4, No.2 (1975), 77-83. See C.L.Mallows, JSCS 9, 1979, 235-236.
- P 928. "Statistical Fallacies", for the International Encyclopedia of Statistics (ed. William Kruskal and Judith Tanur, The Free Press, 1978, issued January, 1979), 337-349. (An expanded version of #520.)
- P 929. "On the application of symmetric Dirichlet distributions and their mixtures to contingency tables", Annals of Statistics 4, No. 6 (Nov. 1976), 1159-1189. (See #s 974, 1152, 1199.)
- P 937. Wolfgang Pelz and IJG, "Approximating the lower tail-areas of Kolmogorov-Smirnov one-sample statistic", JRSS B, 38 (1976), 152-156. (See #s 1452, 1284.)
- P 938. "Dynamic probability, computer chess, and the measurement of knowledge", in Machine Intelligence 8 (ed. E.W. Elcock and D. Michie; Ellis Horwood Ltd. & John Wylie, 1977), 139-150. (See #'s 907, 978, 979.)
- JP 939. D.B. Osteyee and IJG, "Regeneration of a binary signal in a uniform transmission line", IEEE Communications Society Transactions (Sept. 1976), 1054-1057.
- BR 956. Review of Bruno de Finetti, Theory of Probability (English tr. by A. Machi and Adrian Smith; Wiley; vol. 1, 1974, pp. 300 + xix; vol 2, 1975, pp. 375 + xviii). Bull. Amer. Math. Soc. 83, No.1 (January 1977), 94-97.
- BR 957. Review of Yvonne M.M. Bishop, Stephen E. Fienberg, and Paul W. Holland, with the collaboration of Richard J. Light and Frederick Mosteller, "Discrete Multivariate Analysis: Theory and Practice" (MIT Press, Cambridge, Mass. and London, England, 1975; pp 557 + x); MR 52 (July, 1976), p. 286. Rev. #2027.
- BR 958. Review of Richard Swinburne, "An Introduction to Confirmation Theory", Methuen, 1973, pp. 218 + vi; BJPS 27 (1976), 289-292.
- JP 960. L.V. Holdemann, IJG, and W.E.C. Moore, "Human and fecal flora: variation in bacterial composition within individuals and a possible effect of emotional stress"; Applied & Environmental Microbiology 31 (Mar. 1976), 359-375.
- IP 961. Partly-baked ideas XVIII, Thought: Mensa Journal International, No. 193 (January and February 1976), 1-2. (pbi's 322-365.) (See #'s 805, 962.) Also in Mensa Bulletin, No. 193 (Jan./Feb. 1976), 11-12.
- IP 962. Partly-baked ideas, XX, Thought: Mensa Journal International (Sept. 1976), 6. (pbi's 410-

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- 439.) Also in Mensa Bulletin, No. 199 (Sept. 1976), 16. (See #'s 961, 963.)
- IP 963. Partly-baked ideas, XIX, Mensa Journal International in Mensa Bulletin, No. 202 (Dec. 1976) 14-16 (pbi's 366-409).
- IP 964. Partly-baked ideas, XXI. Mensa Journal International in Mensa Bulletin, No. 206 (May 1977) p. 16 (pbi's 441-470). (See #1046.)
- JP 966. IJG & T.N. Tideman, "Stirling numbers and a geometric structure from voting theory", J. Combinatorial Theory A, 23 (1977), 34-45. (See #1076.)
967. Superseded by #1000.
- IP 970. Discussion of "On rereading R.A. Fisher" (by L.J. Savage, edited by John W. Pratt), Annals of Statistics 4, No. 3 (May 1976), 492-495.
- C 972. Contribution (formula 7.249.2) to Gradshteyn and Ryzhik, Tables of Integrals, Series, and Products, reprint of the English trans. of the 4<sup>th</sup> Russian edn. (inscribed 1965, but issued in 1966; also in the 1980 edn. ), p. 825. (Acknowledgement on p. 6.) (See #56.)
- JP 974. IJG and J.F. Crook, "The enumeration of arrays and a generalization related to contingency tables", Discrete Mathematics 19 (1977), 23-45. (See #929.) (Imprinted July but issued in December.)
975. "Early notes on electronic computers", mainly made in Manchester in 1947 and in 1948; 90 pages.
- IP 978. "Rationality, evidence, and induction in scientific inference", in Machine Intelligence 8 (ed. E.W. Elcock and D. Michie; Ellis Horwood Ltd. & John Wylie, 1977), 205-206. (See #s 938, 978.)
- P 980. "The Botryology of Botryology" (an invited lecture in the Advanced Seminar on Classification and Clustering, May 3-5, 1976, at the University of Wisconsin, Madison), in Classification and Clustering (ed. J. van Ryzin, Academic Press, 1977), 73-94.
- P 981. "A new formula for k-statistics", Annals of Statistics 5 (Jan. 1977), 224-228. (See #'s 895, 969, 1069.)
- I 986-992. "Minicommunications", in Communication in Statistics: Simulation and Computation, B 5, No. 1 (1976), 81-82.
986. "Reliability of complex systems", M1.
987. "Stationery as an index of the standard of living", M2.
988. "Heart attacks, etc.", M3.
989. "Capital and consumer's goods in economic theory", M4.
990. "Variance: terminology", M5.
991. "Thermographs and probability density estimation (bump-hunting)", M6.
992. "Generalizations of  $X^2$ ", M7.
- I 996. Letter concerning "denoted by", American Statistician 31 (Feb. 1977), 50. (See #1058.2.)

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- P 999. "Black and white hole hierarchical universes: a synthesis of the steady state and big bang theories", Theoria to Theory, 10, No. 3 (1976), 191-201. (See #'s 788A, 834A.)
- P 1000. "Explicativity: a mathematical theory of explanation with statistical applications", Proc. Roy. Soc. (London) A 354 (1977), 303-330. Republished in #1161 and 1364.
- P 1001. "Justice in voting by demand revelation", July 26, 1976, Public Choice XXIX-2 (Special Supplement to Spring, 1977; July, 1977), 65-70.
- BR 1008. Review of J.E. Hayes and D.N.L. Levy, "The World Computer Chess Championship", Edinburgh University Press, pp. 105, in International Journal of Man-Machine Studies 8, No. 5 (Sept., 1976), 617-620.
- JIP 1014. IJG and T.N. Tideman; Letter regarding voting in Scientific American 235 (October 1976), Nos. 10 and 12. (See #871.)
- P 1015. "Early work on computers at Bletchley", No. 1 in a series of special lectures on "The pioneers of computing", National Physical Laboratory Report Com. Sci. 82 (September, 1976), Department of Industry, pp. 16
- I 1016-1027. "Minicommunications", in Communications in Statistics: Simulation and Computation B 5 Nos. 2 & 3 (1976), 141-144.
1016. "Martian mixtures of lognormal distributions?", M9.
1017. "A sufficient condition for a disease to be two diseases", M10.
1018. "A branching process in literature search", M11.
1019. "Nonlinear discrimination", M12.
1020. "Gun Control", M13.
1021. "A multidimensional form of the one-sided Kolmogorov-Smirnov test?", M14.
1022. "A sample survey problem", M15 in CSSC B5 Nos. 2 & 3 (1976), 142.
1023. "Hallucinations and evidence", M16 in CSSC B5 Nos. 2 & 3 (1976), 143.
1024. "Crime and deterrents", M17 in CSSC B5 Nos. 2 & 3 (1976), 143.
1025. "A spacial model for evolution?", M18 in CSSC B5 Nos. 2 & ) (1976),143.
1026. "Logic and statistics", M19 in CSSC B5 Nos. 2 & 3 (1976), 143.
1027. "Goodness of fit for the distribution of species frequencies", M20 in CSSC B5 Nos. 2 and 3 (1976), 143-144.
- IP 1033. "A simple cure for grade inflation", Journal of Educational Data Processing 13, No. 3 (1976), 29-32. (Issued April, 1977.)
- JP 1034. A.I. Khuri and IJG, "The distribution of quadratic forms in non-normal variables and an application to the variance ratio", JRSS, B 39, Part 2 (1977), 217-221.
- JP 1035. IJG and A.I. Khuri, "Forms for the distribution of a ratio in terms of characteristic

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- functions", Minicommunication M24, in CSSC, B 5, No. 4 (1976), 209-211.
- JP 1036. Brian Conolly and IJG, "A table of discrete Fourier transform pairs", SIAM J. Appl. Math. 32, No. 4 (June 1977), 810-822. Errata, 33, No. 3 (November 1977), 534.
- I 1043. "Facets", letter in The American Statistician 31 (Nov. 1977), 180.
- I 1045. "Does  $-2 \log$  (likelihood ratio) exceed  $X^2$ ?", Item C2 in "Comments, Conjectures, and Conclusions", J. Statist. Comp. and Simul. 6, No. 1 (1977), 70.
- IP 1046. "Partly baked ideas, XXII", Mensa Journal International, in Mensa Bulletin, No. 207 (June, 1977), p. 17 (pbi's 471-486). (See #'s 964, 1180.)
- IJP 1057. R.A. Gaskins and IJG, "Comments on the distribution of the likelihood ratio statistic for the equiprobable multinomial", item C4 in CCC, in JSCS 6, No. 2 (1977), 150-152.
1058. Style sheets:
- |                      |   |
|----------------------|---|
| 1058.1A. chi-squared | 1058.7A. Note to editors concerning style.                                    |
| 1058.2A. denoted     | 1058.8A. Slip to be enclosed with style sheets.                               |
| 1058.3A. likely      | 1058.9A. Complimentary slip for style sheets.                                 |
| 1058.4A. most        | 1058.10A. A few common verbal misuses.  |
| 1058.5A. presently   | 1058.11A. A common misuse of "denoted".                                       |
| 1058.6A. so          | 1058.12A. Refs re English style (Nov. 18, 1980).<br>(originally labeled 11A.) |
|                      | 1058.12 etc. See the long publication list.                                   |
- R 1060. Review of Ferguson, Thomas S., "Prior distributions on spaces of probability measures", Ann. Statist. 2 (1974), 615-629; MR 55, No. 5 (May 1978), pp. 1546-1547, Rev. #11479.
- I 1063. "Interpolation in tables of the normal distribution", item C5 in CCC in JSCS 6 (1978), 313.
- I 1064. "A minimal vocabulary algorithm?", item C6 in CCC in JSCS 6 (1978), 314.
- I 1065. "Adenine arabinoside therapy", item C7 in CCC in JSCS 6 (1978), 314-315.
- R 1068. Review of Bruno de Finetti, "La probabilita: guardarsi dalle conraffazioni!" with an English translation. Scientia (Milano) 111 (1976), Nos. 5-8, 255-303; MR 56 (Oct. 1978), p. 1302, Rev. #9607.
- R 1071. Review of Bruce M. Hill and Michael Woodroffe, "Stronger forms of Zipf's laws" JASA 70 (1975), 212-219; MR 55, No. 6 (June 1978), 1850, Rev. #13633.
- R 1074. Abstract of #1001 for Sociobiological Abstracts.
- BR 1075. Review of Benoit B. Mandelbrot, Fractals: Form, Chance, and Dimension (San Francisco: W.H. Freeman, 1977), JASA 73 (June 1978), 438.
- R 1076. Abstract of #966, Zentralblatt f. Math. Bd. 354 (1978). Abstract #05008, p. 33.

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- I 1077. "An improvement to the chi-squared goodness-of-fit test", item C9 in CCC in JSCS 7, No. 1 (1978), 79-80.
- I 1078. "Are maximum-likelihood estimates invariant?" item C10 in CCC in JSCS 7, No. 1 (1978), 80-81.
- C 1080. Contribution to the discussion of T. Leonard, "Density estimation, stochastic processes and prior information", JRSS B 40, No. 2 (1978), 138-139.
- JP 1100. IJG and T.N. Tideman, "Integration over a simplex, truncated cubes, and Eulerian numbers" Numerische Mathematik 30 (1978), 355-367.
- P 1111. "The inversion of the discrete Gauss transform", Applicable Analysis 9 (1979), 205-518.
1134. "Some of I.J. Good's better publications as judged by him", May 17, 1978, pp. 5, mimeo'd, single spaced.
- IP 1136. "Should outliers be dragged in?", C12 in CCC, in JSCS 7, No. 2 (1978), 163-164.
- IP 1137. "Alleged objectivity: a threat to the human spirit?", International Statistical Institute Review 46 (1978), 65-66.
- R 1138. Review of Smith, Woollcott; Grassle, J. Frederick. "Sampling properties of a family of diversity measures", Biometrics 33 (1977), 283-292; MR 58, No. 2 (Aug. 1979), p. 1230, Rev. #8112.
- R 1142. Review of Akaike, Hirotugu, "An objective use of Bayesian models", Ann. Inst. Statist. Math. 29 (1977), Part A, 9-20; MR 58, No. 2 (Aug. 1979), p. 1212, Rev. #7990.
- IP 1144. "Moments of the Komogorov-Smirnov one-sample statistic", C14 in CCC in JSCS 7 (1978), 289-290.
- IP 1145. "A signs test when estimating probability densities", C15 in CCC in JSCS 7 (1978), 290-292.
- IP 1146. "Ethical treatments", C16 in CCC in JSCS 7 (1978), 292-295.
- IP 1147. "Histograms with  $2^n$  classes", C17 in CCC, in JSCS 7 (1978), 295.
- IP 1148. "A fuzzy Bayesian method for estimating probabilities given two related multinomial distributions", C18 in JSCS 7 (1978), 296-299.
- IP 1149. IJG and R.A. Gaskins "Bayesian oedemology", C19 in CCC, in JSCS 7 (1978), 299-301.
- I 1152. "A Bayesian approach to contingency tables", abstract, Virginia J. Sci. 29 (1978), 120. (See #'s 929, 1199.)
1154. Errata and Addenda to Publications by I.J. Good. Mimeo'd 10 pages, 1978, April 13.
- 1154A. Mimeo'd 11 pages, Sept. 10, 1980.
- 1154B. pp. 13, March 14, 1984.
- BR 1156. Review of Advances in Computer Chess, Vol. 1, edited by M.R.B. Clarke, Edinburgh University Press, 1977, pp. 118 + v. SIGART Newsletter #66 (Assoc. Computing Machinery, Aug. 1978), 10-11.

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- BR 1157. "Path analysis and correlation for power functions", C22 in JSCS 8, No. 1 (1978), 80.
- JIP 1159. IJG and D. Michie, "Improved resolution of a form of Mackie's paradox", Firbush News 8 (April 1978), 22-24.
- P 1160. "The contributions of Jeffreys to Bayesian statistics", Chap. 3 in Bayesian Analysis in Econometrics and Statistics: Essays in Honor of Harold Jeffreys. (ed. Arnold Zellner; Amsterdam: North Holland, 1980), 21-34.
1161. Republication of #1000 in Bayesian Analysis...(1980), 397-426.
- R 1163. Review of Dawid, A.P., and Dickey, James M., "Likelihood and Bayesian inference from selectively reported data", JASA 72, No. 360 (Dec. 1977), 845-850; MR 57 (1979), p. 1141, Rev. #10862.
- R 1164. Review of Bernardo, Jose-Miguel, "Non-informative distributions: a subjectivist approach" (French summary). Proceedings of the 40<sup>th</sup> Session of the International Statistical Institute (Warsaw, 1975), Vol. 3. Contributed papers. Bull. Inst. Internat. Statist. 46 (1975), Nos. 3, 94-97 (1976); MR 58 (July, 1979), p. 475, Rev. #3141.
- IP 1166. "Monozygotic criminals", C23 in JSCS 8, No. 2 (1978), 161-162.
- IP 1167. "A method for avoiding underflows and overflows", C24 in JSCS 8, No. 2 (1978), 162-163.
- IP 1172. "A comment on runs of signs", C25 in JSCS 8, Nos. 3 & 4 (1979), 311-312.
- IP 1173. "A comparison of some statistical estimates for the numbers of contingency tables", C26 in JSCS 8, Nos. 3 & 4 (1979), 312-314.
- IP 1174. "The importance of mathematical consistency, at least in a discrimination problem", C28 in JSCS 8, Nos. 3 & 4 (1979), 315-316.
- IP 1175. "A comment on Cuthbert Daniel's adjustment of sums of squares", C29 in JSCS 8, Nos. 3 & 4 (1979), 316.
- P 1178. Updated version of #1015 for the Annals of the History of Computing 1, No. 1 (July, 1979), 38-48, 4 (1982), 184. (See #1218.)
- IP 1180. "Partly-baked ideas", XXIII, Mensa J. International, in Mensa Bull. No. 222 (Dec. 1978), 13-14 (pbi's 487-518). (See #'s 1046, 1242.)
- IP 1181. "Proper fees in multiple-choice examinations", C38 in JSCS 9 No. 1 (1979), 73-74.
- IP 1185. "Partitioning of  $X^2$  and of the likelihood ratio for contingency tables", C40 in JSCS 9, No. 1 (1979), 74-77.
- IP 1186. "On the combination of judgements concerning quantiles of a distribution with potential application to the estimation of mineral resources", C41 in JSCS 9 No. 1 (1979), 77-79.
- I 1186A. "Comment on C41", JSCS 9 (1979), 159.
- JP 1199. J.F. Crook and IJG "On the application of symmetric Dirichlet distributions and their

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- mixtures to contingency tables, Part II". Annals of Statistics, 8 (1980), 1198-1218; 9 (1981), 1133.
- JP 1200. IJG and R.A. Gaskins, "Density estimation and bump-hunting by the penalized likelihood method exemplified by scattering and meteorite data", JASA 75 (1980) 42-73 (with discussion). [The invited paper for the Applications Section of the Annual meetings of ASA in Aug. 1979 in Washington D.C.]
- P 1201. "Turing's statistical work in World War II", [Studies in the history of probability and statistics. XXXVII.] Biometrika 66 (1979), 393-396. See #s 1361, 1822A.
- Interview 1212. Interview of me by Chris Evans with a photo by Pat Hill, in OMNI (Jan. 1979), 70-73 and 117-121. My corrections to the transcript, submitted in April, 1978, were omitted in error. (See #'s 1212A, 1225, 1279.)
- I 1212A= 1225. "Intelligence vs. information" (re#1212), OMNI (April 1979), 10.
- BR 1217. Review of "Logic, laws, and life: some philosophical complications", ed. by Robert G. Colodny (University of Pittsburgh Press, 1977, pp. xiv + 258). JASA 74 (June, 1979), 501-502.
- Rep. P. 1218. An updated version of #1015 for Cryptologia 3 (1979), 67-77 (photo on front cover). ( See #1299.)
- Rep. P. 1219. Republished of #230 in Studies in Subjective Probability (second edn., ed Henry E. Kyburg and Howard Smokler; Huntington, New York; Robert E. Krieger, 1980), 133-146. Fig. 1 was omitted by the printer in error.
- BR 1221. Review of Arther W. Burks, "Chance, cause, reason: an inquiry into the nature of scientific evidence", University of Chicago Press, 1977, pp. 694. JASA 74 (June 1979), 502-503.
- P 1222. "The impossibility of complete mutual observation", Physics Letters A 70 (Feb. 19, 1979), 81-82.
- IP 1225. "Intelligence vs. information", a letter in OMNI (April, 1979, p. 10, pointing out the editorial errors in #1212. (See #1279.)
- IP 1227. "The Bayesian meaning of invariant estimation", C43 in JSCS 9, No. 2 (1979), 160-161.
- IP 1228. "Bayes's billiard-table argument extended to multinomials", C44 in JSCS 9, No. 2 (1979), 161-163.
- P 1230. "Some history of the hierarchical Bayesian methodology", in Bayesian Statistics: Proceedings of the First International Meeting in Valencia (Spain), May 28 to June 2, 1979 (J.M. Bernardo, M.H. Degroot, D.V. Lindley, and A.F.M. Smith, eds; University of Valencia, 1981), 489-510 and 512-519 (with discussion).
- I 1231. A voting proposal: power-summing. C46 in JSCS 9, No.2 (1979), 164-165.
- I 1233. "A comment on 'proper fees'." C47 in JSCS 9, No.2 (1979), 164-165.
- P 1234. "Some logic and history of hypothesis testing", in Philosophy in Economics (ed. Joseph C. Pitt; University of Western Ontario series on the Philosophy of Science; Dordrecht: D. Reidel; 1981), 149-174.

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- BR 1235. Review of P. Hajek and T. Havranek, *Mechanizing Hypothesis Formulation* (Berlin, Springer-Verlag, 1978); Bull. Amer. Math. Soc. (New Series) 1 (July 1979), 650-654.
- C 1237. Contribution to the discussion of J.M. Bernardo, "Reference posterior distributions for Bayesian inference", JRSS B 41 (1979), 137.
- C 1238. Contribution to the discussion of D.V. Lindley, A. Tversky, and R.V. Brown, "On the reconciliation of probability assessments", JRSS A, 142 (1979), 173-174.
- R 1240. Review of A.R. Runnalls, "Difficulties of the Lindley-Savage argument" Synthese 37 (1978), 369-385; MR 80a (Jan. 1980), 275-276, Rev. #62008.
- R 1241. Review of Henry Kyburg, "Subjective probability: criticisms, reflections, and problems", J. Philos. Logic 7, No. 2 (1978), 157-180; MR 58 (Nov. 1979), p. 3642, Rev. #24430.
- IP 1242. "Partly-baked ideas, XXIV", Mensa Journal International, in Mensa Bulletin, 225 (April, 1979), 19. (pbi's 519 to 549.) (See #'s 1180, 1255.)
- Rep. 1243. Paraphrase of #50, called here "on the grading of chess players", Personal Computing, 3, No. 3 (March 1979), 47-48. (With mathematical formulae omitted, and with a ten-line passage printed in a wrong place.)
- IP 1244. "A Boolean error?", C49 in JSCS 9 (1979), 236-238.
- IP 1245. "Predictive sample re-use and the estimation of probabilities", C50 in JSCS 9 (1979) 238-239.
- IP 1246. Demonstration that Levy could have won the historic fourth game versus Chess 4.7 in Toronto, 1978. Personal Computing (May 1979), 50.
- IP 1248. "The clustering of random variables", C52 in JSCS 9 (1979), 241-243.
- IP 1249. "Partial correlation and spherical trigonometry", C53 in Comments, Conjectures, and Conclusions J. Statist. Comput. & Simul. 9 (1979), 243-245.
- JP 1250. IJG, Byron C. Lewis, Raymond A. Gaskins, and L.W. Howell, Jr., "Population estimation by the removal method assuming proportional trapping", Biometrika 66 (1979), 485-494. (Issued Feb. 1980.)
- 1250A. Rough work for #1250. Twelve handwritten pages.
- IP 1255. "Partly-baked ideas, XXV", Mensa Journal International, in Mensa Bulletin, 227 (June 1979), 19-20. (pbi's 550-573.) (See #'s 1242, 1287.)
- IP 1257. "Moments of a generalized gamma distribution", C54 in JSCS 9 (1979), 311.
- IP 1259. "Further generalizations of  $X^2$ ", C57 in JSCS 9 (1979), 315.
- IP 1260. "Generalization of  $X^2$  for contingency tables", C58 in JSCS 9 (1979), 315-316.
- P 1263. "Some comments on probabilistic causality", Pacific Philosophical Q. (formerly The Personalist) 61 (1980), 301-304.
1266. "Key words for Bayesian publications by I.J. Good". June 28, 1979 [from papers #750 to #1238], mimeo'd, pp. 5.

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- C 1267. Invited discussion of S. Rios and F.J. Giron, "Quasi-Bayesian behavior: a more realistic approach to decision making", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics. See # 1230, 49-51.
- C 1268. Invited discussion of Bruce M. Hill, "On some statistical paradoxes and non-conglomerability", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics. See # 1230, 313-314.
- C 1269. Discussion of G.A. Barnard, "On the Bayesian-Antibayesian controversy", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 313-314.
- C 1270. Discussion of D.V. Lindley, "Approximate Bayesian methods", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 241.
- C 1271. Discussion of I.R. Savage, "On not being rational", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 342-343.
- C 1272. Discussion of J.B. Kadane and N. Sedransk, "Toward a more ethical clinical trial", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 342-343.
- C 1273. Discussion of G.E.P. Box "Sampling and Bayes' inference in the advancement of learning", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 377.
- C 1274. Discussion of M.H. DeGroot, "Improving predictive distributions", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 421-422.
- C 1275. Discussion of S.R. Dalal, "Bayesian nonparametric decision theory", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 529.
- C 1276. Discussion in the Seminar organized by D.V. Lindley, "Where do we go from here?", Trabajos Estadist. Investigacion Oper. This seminar at the Valencia conference of 1979 was not included in the Proceedings (#1230).
- C 1277. Discussion of A. Zellner and A. Siow, "Posterior odds ratio for selected regression hypotheses", Trabajos Estadist. Investigacion Oper. No. 3 (1981), 149-150. (Omitted from Bayesian Statistics, #1230, in error.)
- C 1278. Discussion of J.M. Bernardo, "A Bayesian analysis of classical hypothesis testing", Trabajos Estadist. Investigacion Oper. Also in Bayesian Statistics (See #1230), 636-637.
- I 1279. "Newts in Dark Caves", letter in OMNI (August 1979), pp. 10 and 128. (See #1225.)
- JIP 1281. R.A. Gaskins and IJG, "The covariance between the 'Chi-squareds' for the margins of a contingency table", C62 in CCC in JSCS 10, No. 2 (1980), 161-162.
- I 1287. Partly-Baked Ideas, XXVI", in The Mensa Journal, in Mensa Bulletin, No. 228 (July/August, 1979), 31-32. (See #'s 1255, 1292, 1297,1339.)
- IP 1288. "The probability distribution of the gaps between the Mersenne primes, C64 in JSCS 10, No. 2 (1980), 165-167.
- BR 1290. Review of Collected Papers of R.A. Fisher (Vols. III to V). Univ. of Adelaide Press (1973,1974), JASA 75 (1980), 239.
- BR 1291. Review of S.Engen, "Stochastic Abundance Models" (New York, Wiley; ); MR 80b (Feb.

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1980), p. 731, Rev. #62114.

- I 1292. "Partly-Baked Ideas, XXVII", in The Mensa Journal, in Mensa Bulletin, 230 (October 1979), 18-19 (pbi's 628-672). (See #'s 1287, 1339, 2166.)
- I 1293. Discussion of the number of possible games of chess and of the number of possible positions, paraphrased from #521; in Personal Computing 3 (October 1979), 79.
- P 1298. "The chief entities", a shortening of #644 for Cosmic Search 2, No. 2 (Spring 1980), 13-17.
- Rep. P 1299. An updated version of #1015 in A History of Computing in the Twentieth Century (ed. N. Metropolis, J. Howlett & G.C. Rota; Academic Press, 1980), 31-45. (See #'s 1178, 1218.)
- #'s 1178, 1218, and 1299 were invited by the three editors who all knew there would be these three updatings of #1015.
- P 1300. "The axioms of probability", Encyclopedia of Statistical Sciences, 1 (S. Kotz and N.L. Johnson; New York: Wiley, 1982), 169-176.
- IP 1303. "Another relationship between weight of evidence and errors of the first and second kinds.", C67 in JSCS 10 (1980), 315-316.
- IP 1304. "The grading of competitors", C68 in JSCS 10 (1980), 316-318. (See #'s 50, 605, 1243.)
- I 1310. "Rules for computer chess tournaments: an open letter to the tournament rules and organization committee of the International Computer Chess Association", letter in International Computer Chess Association (ICCA) Newsletter, 2, No. 2 (Dec. 1979), p. 14.
- P 1313. "Degrees of belief", Encyclopedia of Statistical Sciences, Vol. 2 (S. Kotz and N.L. Johnson, eds.; New York: Wiley, 1982), 287-293.
- P 1317. "Degrees of causation in regression analysis", C71 in JSCS 11 (1980), 153-155.
- IP 1320. "The diminishing significance of a P-value as the sample size increases", C73 in JSCS 11, Nos. 3 and 4 (1980), 307-309.
- IP 1321. "Terminology for various kinds of Bayesian methods", C74 in JSCS 11, Nos. 3 and 4 (1980), 309-313.
- P 1322. "Is there any scientific basis for parapsychology?" For the tenth annual meeting of the American Culture Association and the second annual meeting of the Popular Culture Association, Detroit, Michigan, April 16-19, 1980. Session on the Philosophy of Parapsychology, 8:30a.m. to 10:30a.m. April 19 to the Crystal Ballroom, Book Cadillac Hotel. (See #882.)
- P 1322A. "Scientific speculations on the paranormal and the parasciences", a slight revision of #1322 for The Zetetic Scholar, No. 7 (1980, Dec.), 9-29. [Issued Feb. 1981] (See #s 882, 1460.)
- P 1330. "The philosophy of exploratory datum analysis", invited paper for the ASA annual meetings at Houston, 1980 August. Amer. Statist. Assoc. 1980 Proceedings of the Business and Econ. Statist. Section. (April 1981), 1-7. (See #1492.)
- P 1331. "A further comment on probabilistic causality: mending the chain", Pacific Philos. Q 61 (1980), 452-454. [Issued 1981 March.]

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- IP 1332. "On Godambe's paradox", C78 in JSCS 12 (1980), 70-72.
- IP 1333. "Feynman's path integrals and Sewall Wright's path analysis", C80 in JSCS 12 (1980), 74-77.
- IP 1334. "Functions of distinct random variables having identical distributions", C77 in JSCS 12 (1980), 68-70.
- IP 1335. "Vinograd's lemma, singular decompositions, and k-frames", C79 in JSCS 12 (1980), 72-74.
- IP 1336. "A simplification in the 'causal calculus'", C81 in JSCS 12 (1980), 77-78.
- P 1338. "Vigor, variety and vision – the vitality of statistics and probability" (title chosen by Jim Swift), keynote speech for the sessions on the teaching of statistics and probability at the school level in the Fourth International Congress on Mathematical Education, Berkeley, California. U.S.A. hosts: National Academy of Sciences and the University of California. 1980 August. In Proceedings of the Fourth International Congress on Mathematical Education (Zweng, M.; Green, T.; Kilpatrick, J.; Pollak, H.; and Suydan, M., eds.; Birkhauser Boston, Inc., July 1983), 186-190.
- IP 1339. "Partly-baked ideas", XXVIII, in International: The Mensa Journal, in Mensa Bulletin, 240 (1980, October), 22-24. (pbi's 673-767.) (See #1388.)
- IP 1341. "Roughness penalties, invariant under rotation, for multidimensional probability density estimation", C87 in JSCS 12, No.2 (1981), 142-144; 13 (1981), 63.
- IP 1343. "The autocorrelation function  $\rho | \tau |^c$ ", C90 in JSCS 12 (1981), 148-152.
- JP 1349. D.R. Jensen and IJG, "Invariant distributions associated with matrix laws under structural symmetry", JRSS B 43 (1981), 327-332. See #1306.
- P 1350A. "Ethical machines", MI 10 (Proceedings of the Tenth Machine Intelligence Workshop). (Hayes, J.E., Michie, D., and Pao, Y.-H., eds.; Chichester: Ellis Horwood; New York: Wiley 1982), 555-560.
- P 1352. "Thinking about thinking: or why authors should see the page proofs", J. Brit. Interplanetary Soc. 34, No. 9 (Sept. 1981) 402-403.
- P 1354. "Generalized determinants and generalized generalized variance", C91 in JSCS 12 (1981), 311-313.
- IP 1357. IJG and T.N. Tideman, "The relevance of imaginary alternatives", C93 in JSCS 12 (1981), 313-315.
- IP 1358. "An approximation of value in the Bayesian analysis of contingency tables", C88 in JSCS 12 (1981), 145-147; 13, p. 329.
- JP 1360. W.E.C. Moore, Elizabeth P. Cato, IJG and Lillian V. Holdeman, "The effect of diet on the human fecal flora", Banbury Report #7: Gastrointestinal Cancer: Endogenous Factors. The Cold Spring Harbor Laboratory (Cold Springs Harbor, N.Y., 1981), 11-24.
- Rep. 1361. Reprinting of #1201 in Machine Intelligence and Perception a Turing Commemorative (ed. Judith M.S. Prewitt, in process).

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- P 1362. "The evergreen game is still green", CHESS 46 (July 1981), 126-127. Comments by D. Murphy and my reply, CHESS 46 (Sept. 1981), 193-194. See #s1588a, 1588B.
- \* 1364. Good Thinking: The Foundations of Probability and its Applications. Univ. of Minnesota Press (Dec.1983), pp. 332 + xviii.
- P 1365. "When is G positive in the mixed Dirichlet approach to contingency tables?" C94 in JSCS 13 (1981), 49-52.
- P 1366. "The Monte Carlo computation of Bayes factors for contingency tables", C95 in JSCS 13 (1981), 52-56.
- Rep. 1367. Reprint of #777 in Machine Intelligence...(see #1361).
1368. "Randomized chess" an editorial by Jonathan Berry summarizing #1239, Chess Canada Ethics No. 45 (Jan. and Feb. 1981), 43. [The title was misprinted "Randomized chess".]
- IP 1369. "The weight of evidence provided by uncertain testimony or from an uncertain event", C96 in JSCS 13 (1981), 56-60.
- IP 1371. "Generalized determinants and generalized Jacobians", C97 in JSCS 13 (1981), 60-62.
- I 1379. "The probability of a scientific law", C99 in JSCS 13 (1981), 153.
- I 1380. "Can scientific induction be meaningfully questioned?", C100 in JSCS 13 (1981), 154.
- I 1381. "Dynamic probability does not contradict reductio ad absurdum", C101 in JSCS 13 (1981) 154-155.
- IP 1382. "An error by Peirce concerning weight of evidence", C102 in JSCS 13 (1981), 155-157. (See #1517.)
- JP 1383. IJG and M.L. Deaton, "Recent advances in bump-hunting", In Computer Science and Statistics: Proceedings of the 13<sup>th</sup> Symposium on the Interface (William F. Eddy, ed.; Springer-Verlag, 1981), 92-104 (with discussion).
- BR 1384. Review of "Science, Belief and Behaviour: Essays in Honour of R.B. Braithwaite" (ed. by D.H. Mellor; Cambridge University Press, 1980; MR 82g (July 1982), p. 2785, Rev. #03014.
- P 1386. "Some comments on Rejewski's paper on the Polish decipherment of the Enigma", Annals of the History of Computing 3 (July 1981), 232-234.
1388. Copies of Mensa pbi columns up to number XXVIII, with contents pages. (Goes to pbi #767.) Supersedes #1297.
- IP 1389. "The effect of permutations of rows and columns on measures of association", C103 in JSCS 13, Nos. 3 and 4 (1981), 309-312.
- IP 1390. "Informational correlations between two distributions", C104 in JSCS 13, Nos. 3 and 4 (1981), 312-314.
- IP 1391. "When should marginal cases be dropped in the interests of simplicity?," C105 in JSCS 13, Nos. 3 and 4 (1981), 314-315.
- IP 1392. "International clinical trials", C106 in JSCS 13, Nos. 3 and 4 (1981), 315.

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- BR 1394. Review of Richard A. Tapia and James R. Thompson, "Nonparametric Probability Density Estimation" (John Hopkins Univ. Press, 1978); SIAM Rev. 24 (1982), 364-365.
- IP 1395. "Some comments about the Sherman-Foutz test", C107 in JSCS 13, Nos. 3 and 4 (1981), 316-319.
- IP 1396. "Surprise, surprise", a contribution to the discussion of Glenn Shafer's paper, JASA 77 (June 1982), 342-344. [The title "Surprise, surprise" was deleted by an editor.]
- P 1397. "Quadratic and logarithmic indexes of diversity and surprise", a discussion note on Patil and Taillie's paper "Diversity as a concept and its measurement", JASA 77 (Sept. 1982), 561-563. The title of my note was removed by the editor.
- P 1399. "An analogue of chi-squared that is powerful against bumpy alternatives", C108 in JSCS 13, Nos. 3 and 4 (1981), 319-323.
- P 1400. "A new Monte Carlo computation for the characteristic function of Pearson's chi squared", C109 in JSCS 13, Nos. 3 and 4 (1981), 323-324.
- P 1401. "Randomly connected genetic nets", C110 in JSCS 13, Nos. 3 and 4 (1981), 324-327.
- JP 1402A. IJG and Byron C. Lewis, "Probability estimation for 2 x s contingency tables and predictive criteria", in Proc. 43<sup>rd</sup> Session, Bull. of the Intern. Stat. Inst. 49, Book 1 (Buenos Aires, 1981; published 1983), 97-113 (with discussion).
- IP 1403. A letter affirming that Sidney Gendin overstated the philosophical case against ESP. Skeptical Inquirer 6, No. 2 (1981/1982), 71-72.
- P 1404. "The cumulants of an analogue of Pearson's chi-squared", JSCS 15 (1982), 171-181; 18 (1983), 246. (See #1406.)
- 1404A. Rough work for #1404, handwritten, pp. 7.
- P 1405. "On the statistical determination of authorship", C114 in JSCS 14, No. 1 (1981), 55-60. (Written on May 1, 1967!)
- P 1406. "A supplement to chi-squared when testing homogeneity", C116 in JSCS 14, No. 1 (1981), 63-67. (See 1404.)
- IP 1407. "A Monte Carlo method that will be impracticable before the year 2001", C117 in JSCS 14, No. 1 (1981), 67-69.
- P 1408. "The fast calculation of the exact distribution of Pearson's chi-squared and of the number of repeats within the cells of a multinomial by using a Fast Fourier Transform", C119 in JSCS 14, No. 1 (1981), 71-78; 16, p. 319. See 1461.
- IP 1409. J.C. Arnold and IJG, "How to get a large  $R^2$  without really trying", C118 in JSCS 14, No. 1 (1981), 69-71.
- JIP 1410. M.L. Deaton and IJG, "A manual for maximum penalized likelihood estimation using the programs FFTMPL and FTBMPL", mimeo'd, 20pp., August 24, 1981.
- R 1412. Review of D.V. Lindley, "L.J. Savage – his work in probability and statistics", Ann. Statist. 8 (1980), 1-24; MR 82e (May 1982), p. 1822, Rev. #01096.

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- C 1413. Contribution to the discussion of Myron H. Margolin, "The quantum interpretation of probability", Trans. Soc. Actuaries 32 (1981), 405-408.
- P 1414. "Is the Mars effect an artifact?", Zetetic Scholar No. 9 (1982), 65-69. In small part, a comment on an article by Patrick Curry.
- I 1417. A correction concerning "substantialism" and two other corrections, JSCS 14, No. 1 (1981), 79.
- P 1419. A report on a lecture by Tom Flowers on the design of Colossus. Annals of the History of Computing 4, No. 1 (1982), 53-59.
- P 1420. "The robustness of a hierarchical model for multinomials and contingency tables", in Scientific Inference, Data Analysis, and Robustness (G.E.P. Box, Tom Leonard and Chien-Fu Wu, eds.; Academic Press, 1983), Proc. Conf., Univ. of Wisconsin, Nov. 1981, 191-211.
- 1420A. Errata and Index for #1420 (See #1485.5).
- P 1421. "A good explanation of an event is not necessarily corroborated by the event", Philosophy of Science 49 (June 1982), 251-253. See #1000.
- I 1423. "The postulate of honest judgement", C121 in JSCS 14 (1982), 321.
- I 1424. "A paradox in the Neyman-Pearson theory", C122 in JSCS 14 (1982), 322.
- I 1426. "Are the methods of statistical mechanics applicable to society?", C123 in JSCS 14 (1982), 322-323.
- IP 1428. "Probability densities versus discriminant functions", C124 in JSCS 14 (1982), 323.
- P 1429. "PROTOM: a projection-tomographic method for density estimation from multivariate data", C126 in JSCS 15, No. 1 (1982), 73-75.
- IP 1430. "When is maximum-likelihood estimation O.K. for a Bayesian?", C127 in JSCS 15, No. 1 (1982), 75-77.
- P 1432. "An index of separateness of clusters and a permutation test for its statistical significance", C129 in JSCS 15, No. 1 (1982), 81-84. See #s 1441, 1624.
- I 1433. "Bayesian Likelihood, a point of terminology", C130 in JSCS 15, No. 1 (1982), 84-85.
- JP 1434. IJG and D.R. Jensen, "Determining the noncentral Wishart characteristic function via quadratic expressions", C131 in JSCS 15, No. 1 (1982), 85-87.
- P 1436. "Some statistical applications of Poisson's work", for the Poisson Bicentennial Commemoration at George Washington University, March 15, 1982. See # 1436C for a published version.
- 1436C. Some statistical applications of Poisson's work. Statistical Science 1 (May 1986), 157-180 (with discussion). See also p. 155 for editorial comment.
- 1436D. (Not by me.) A review by S. Kotz of #1436C; MR 87 (Dec. 1987), p. 7180, Rev. #62004.
- BR 1440. Review of Teddy Seidenfeld, "Philosophical Problems of Statistical Inference: Learning from R.A. Fisher", Theory and Decision Library 22 (Dordrecht-Boston: D. Reidel, 1979); MR 83d, p. 1598, Rev. #62006.

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- P 1441. "Interactions between indexes of separateness", C135 in JSCS 15 (1982), 239-242.
- IP 1442. "On the measurement of regret", C133 in JSCS 15 (1982), 237-238.
- JP 1444. J.F. Crook and IJG, "The powers and 'strengths' of tests for multinomials and contingency tables", JASA 77 (Dec. 1982), 793-802.
- P 1445. "Succinct speculations", Speculations in Science and Technology, 5 (Oct. 1982), 363-373.
- I 1446. "A proposal for the improvement of the refereeing process", C134 in JSCS 15 (1982), 238.
- P 1450. "The irregular shapes of polypeptide chains", C136 in JSCS 15 (1982), 243-247.
- P 1451D. "(Neo)<sup>n</sup>- Darwinism", Physics 22D (1986), 13-30. The Proceedings also appeared as a hardbound book published by North Holland. Evolution, Games and Learning: Models for Adaptation in Machines and Nature (eds. Doyne Farmer, Alan Lapedes, Norman Packard, and Burton Wendroff; Amsterdam: North Holland Publishing CO, 1986), pp. 13-30.
- JIP 1452. W. Pelz and IJG, "Calculating the Kolmogorov-Smirnov one-sample statistic," The Amer. Stat. 37, No. 2 (May 1983), (See #937.)
- JP 1453. W.E.C. Moore, L.V. Holdeman, R.M. Smibert, IJG, J.A. Burmeister, K.G. Palcanis, and R.R. Ranney, "Bacteriology of experimental gingivitis in young adult humans," Infection and Immunity 38 (1982), 651-657; 39 (1983), 1495.
- JP 1457. D.R. Jensen and IJG, "A representation for ellipsoidal distributions," SIAM J. Appl. Math. 43, No. 5 (Oct. 1983), 1194-1200.
- IP 1458. "The calculation of  $X^2$  for two-rowed contingency tables," The American Statistician 37 (Feb. 1983), 94.
- JP 1459. W. Pelz and IJG, "Estimating probabilities from contingency tables when the marginal probabilities are known, by using additive objective functions," The Statistician 35 (1986), 45-50.
- IP 1460. "Scientific speculations on the paranormal: introductory comments", for the workshop on "The demarcation between science and pseudo-science," at the Center for the Study of Science in Society, VPI&SU, 1982, April 30 to May 2. #1322A was invited. These introductory comments show the relevance to the workshop. In VA Tech Center for the Study of Science in Society, Working Papers, 2, No. 1 (April 1983), 107-112.
- IP 1461. "The fast calculation of the exact distribution of Pearson's chi-squared and of the number of repeats within cells of a multinomial using a Fast Fourier Transform: an addendum", C138 in CCC in JSCS 15, No. 4 (1982), 336-337.
- IP 1462. "The standard error of the estimated 'coverage' of a sample of species or vocabulary", C139 in CCC in JSCS 15, No. 4 (1982), 337.
- P 1463 D. "A simple generalization of analytic function theory", Expositiones Mathematicae 6, No. 4 (1988), 289-311.
- IP 1464. "When will the rules of chess be changed?" British Chess Magazine 102, No. 7 (July 1982), 305-306.
- I 1465. Names for British coins. British Mensa Newsletter (June/July 1982), 6.

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- JP 1466 A. IJG and B.C. Lewis, "A maximum-likelihood/minimum discrepancy method for (1985), estimation of multinomial probabilities when there are related multinomials", JSCS 21, Nos. 3 and 4 227-240. (See #'s 1402A, 1665).
- IP 1467. "Standardized tail-area probabilities", C140 in JSCS 16, No. 1 (1982), 65-66.
- JP 1468. IJG and Golde Holtzman, "On s-fold repeats and their additive and multiplicative properties", C141 in JSCS 16, No. 1 (1982), 66-69.
- JP 1469. IJG and Golde Holtzman, "The moments of the number of s-fold repeats", C142 in JSCS 16, No. 1 (1982), 69-75.
- BR 1471. Review of Gordon Welchman, "The Hut Six Story," New Scientist 96 (No. 1326) (Oct. 7, 1982), 42.
- I 1472. "Who is a Bayesian?" letter in The American Statistician 37 (Feb. 1983), 95.
- IP 1473. "Physical probability, surprise and certainty," a commentary on Fred. I. Dretske "Knowledge and the Flow of Information", The Behavioral and Brain Sciences 6, No. 1 (March 1983), 70.
- IP 1474. "Scientific induction: universal and predictive", C143 in JSCS 16 (Nos. 3 and 4) (1983), 311-312.
- IP 1475. "The diminishing significance of a fixed P-value as the sample size increases: a discrete model", C144 in JSCS 16 (Nos. 3 and 4) (1983), 312-314.
- IP 1476. "A measure of adhocery," C145 in JSCS 16 (Nos. 3 and 4) (1983), 314.
- IP 1477. "Correlation between power function," C146 in JSCS 16 (Nos. 3 and 4) (1983), 314-331.
- JIP 1480. IJG and B.C. Lewis, "The relationship between an informational measure of association and a generalization of one of Yule's measures for  $2 \times s$  tables, and the relevance of generalized determinants and permanents", C147 in JSCS 17 (No. 1) (1983), 63-66.
- IP 1481. "Probability estimation by Maximum Penalized Likelihood for large contingency tables and for other categorical data", C148 in JSCS 17, No. 1 (1983), 66-67.
- IP 1482. "A simple consequence of Daniel Bernoulli's logarithmic formula for utility", C149 in JSCS 17, No. 1 (1983), 67-68.
- I 1483. "'Density', a point of terminology", C150 in JSCS 17, No. 1 (1983), 68.
- IP 1484. "Antisurprise", C151 in JSCS 17, No. 1 (1983), 69-71.
- IP 1485. "On the number of duplicated fingerprints", C152 in JSCS 17, No. 1 (1983), 71-73.
- 1485.5 Note re C143 and errata to #1420. JSCS 17, No. 1 (1983), 74.
- P 1492. "The philosophy of exploratory data analysis", Philosophy of Science 50, No. 2 (June 1983), 283-295. [Recd, by me July 1, 1983.] (See #'s 1539, 1639.) (A rewritten form of #1330.)
- BR 1494. Review of N.F. Martz and R.A. Waller, "Bayesian Reliability Analysis" (Wiley, 1982); American Scientist 71, No. 4 (July/Aug. 1983), 425.

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- BR 1495. Review of Benoit B. Mandelbrot, "The Fractal Geometry of Nature," (San Francisco: Freeman, 1982). SAIM Rev. 26 (1984), 131-132. (See # 1075).
- I 1496. "A conjecture about the history of errors of the first and second kinds", C154 in JSCS 17, No. 2 (1983), 155.
- I 1497. "Bits of skirt" (editor's title), a letter in New Scientist 97, No. 1343 (Feb. 3, 1983), 327. (See #537.)
- I 1499. "Where have all the residents gone? Gone to infinity every one", Amer. Math. Monthly 90, No. 8 (Oct. 1983), 582.
- P 1500. "An improved algorithm for the fast calculation of the exact distribution of Pearson's chi-squared", C157 in JSCS 17, No. 3 (July 1983), 236-242; 18, p. 85. (See #'s 1408, 1461, and 1470.)
- IP 1502. "An independent invention of the Gray code for another purpose". See Cryptology binder, April 1983 or 2117H, p. 151.
- JIP 1503. IJG and Eric Smith, "The early history of the quadratic index of diversity or repeat rate", C155 in JSCS 17, No. 3 (July 1983), 231-233.
- P 1504. "A note on the extraction of coefficients from power series", C158 in JSCS 17, No. 3 (July 1983), 243-244.
- 1505A. A somewhat shortened version of #1505, JASA 78 (Dec. 1983), 987-989.
- BR 1506. "A Bayesian approach in the philosophy of inference", book review article on Paul Horwich's "Probability and Evidence", BJPS 35 (June 1984), 161-166.
- IP 1508. "Progress on Chinese universe", letter in Physics Today 36, No. 5 (May 1983), 113. (The title was supplied by the editor.) (See # 788A and 999.)
- IP 1509. "A further note on multiple-choice examinations", C160 in JSCS 17, No. 4 (1983) 311-313.
- P 1510. "When are free observations of positive expected value?" C161 in JSCS 17, No. 4 (1983), 313-315.
- P 1511. "Moments and cumulants of weights of evidence", C162 in JSCS 17, No. 4 (1983), 315-319; 18, p. 85.
- JP 1512. IJG and Gordon Tullock, "Judicial errors and a proposal for a reform", J. Legal Studies 13 (June 1984), 289-298. (See # 1611).
- IP 1513. "The moments of an exponential", C163 in CCC in JSCS 17, No. 4 (1983), 320-321.
- I 1514. "Garp, Guth, Gut, Gott, God, Good, Godd, and Gödel", letter in Discover Magazine 4, No. 7 (July 1983), 83. Retitled "Good on Guth, GUT, and Gott" by the editor who also modified the text.
- P 1515. "Weight of evidence: a brief survey", in Bayesian Statistic 2: Proceedings of the Second Valencia International Meeting, September 6/10, 1983. (J.M. Bernardo, M.H. DeGroot, D.V. Lindley and A.F.M. Smith, eds.; New York: North Holland, 1985), 249-269 (including discussion). This now includes #1515A which was my reply to the discussion.

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- 1515A. Reply to the discussion of # 1515.
- 1515B. Errata etc. to #'s 1515 and 1515A (includes some additional discussion of Seidenfeld's contribution to the discussion).
- P 1516. "The cumulants of the lognormal distribution, including some conjectures", C164 in JSCS 17, No. 4 (1983), 321-328; 18, 246. (See #s 1522, 1535, 1538.)
- 1516A. Rough work for #1516.
- 1516B. A circular letter concerning #1516, pp. 2, dated August 1, 1983.
- P 1517. "A correction concerning my interpretation of Peirce, and the Bayesian interpretation of Neyman-Pearson 'hypothesis determination' ", C165 in JSCS 18, No. 1 (1983), 71-74. (See #1382.)
- P 1518. "The moments of weight of evidence, given intermediate hypotheses", C166 in JSCS 18, No. 1 (1983), 74-79.
- IP 1519. "The probability of odd partial quotients in continued fractions", C167 in JSCS 18, No. 1 (1983), 79-80, 246.
- P 1520. "Fractional dimensions, continued fractions, and Markovity", C168 in JSCS 18, No. 1, (1983), 80-84.
- P 1521. "Statistical evidence", Encyclopedia of Statistical Sciences, vol. 8, (1988), 651-656 (New York: Wiley).
- P 1522. "Further combinatorial identities related to the cumulants of the lognormal distribution", C171 in JSCS 18, Nos. 2 and 3 (1983), 219-226. (See #1516).
- IP 1523. "A potential misstatement of Bayes's theorem", C170 in JSCS 18, Nos. 2 and 3 (1983), 218-219.
- IP 1524. "Probabilities of residues of partial quotients of continued fractions, and a question about moments", C172 in JSCS 18, Nos. 2 and 3 (1983) 226-227.
- IP 1525. "A geometry of distributions", C173 in JSCS 18, Nos. 2 and 3 (1983), 227-229.
- P rep 1526. "When I hear the word 'gun' I reach for my culture" (a reprint of #354), Mensa: Newsletter of Mensa in the British Isles (July 1983), 8. (The acknowledgement to The Scientist Speculates was omitted by the editor.)
- P 1527. "Barndorff-Nielsen's plausibility function and a principle of least surprise", C169 in JSCS 18, Nos. 2 and 3 (1983), 215-218.
- IP 1528. "Scientific induction: Jeffreys's and my approaches compared", C174 in JSCS 18, Nos. 2 and 3 (1983), 229-231. (See #1420C.)
- IP 1529. "Hierarchical Bayes, mixed Dirichlet priors, penalized likelihood, etc.", C175 in JSCS 18 Nos. 2 and 3 (1983), 231-234. (See #1420D.)
- IP 1530. "The Bayes/non-Bayes compromise or synthesis and Box's current philosophy", C176 in JSCS 18 Nos. 2 and 3 (1983), 234-236. (See #1420F.)

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- IP 1531. "The device of imaginary results, 'What if', and preposterior analysis", C177 in JSCS 18 Nos. 2 and 3 (1983), 236. (See #1420G).
- IP 1532. "Tail trouble when sampling", C178 in JSCS 18 Nos. 2 and 3 (1983), 237. (See #1420H).
- P 1533. "The inevitability of probabilistic induction", letter in Nature 310 (Aug. 2, 1984), 434. (Title deleted by the editor, together with other changes, mainly of notation.)
- 1533A. Rough work for #1533, two pages
- 1533B. Changes to #1533 made by the editor and by Popper or Miller.
- 1533C. The letters by Popper and Miller, Levi and Jeffrey related to #1533. (Included here for convenience only; likewise for #1533 D.)
- JP 1534. IJG and G.I. Holtzman, "The exact distribution of  $X^2$  for a nonequiprobable multinomial", C179 in JSCS 18, Nos. 2 and 3 (1983), 238-239.
- P 1535. "Conjectures concerning the cumulants of the multivariate lognormal distribution", C180 in JSCS 18, Nos. 2 and 3 (1983), 239-241. (See #'s 1522, 1538).
- 1535A. Rough work for C180 = #1535. Handwritten pp. xiii.
- IP 1536. Problem concerning a cube with two corners cut out. Pi Mu Epsilon Journal 7, No. 9 (1983), 607.
- IP 1537. A letter concerning the editorial "The temptations of numerology", Nature 305 (Sept. 1, 1983), 8.
- P 1538. "The multivariate lognormal distribution and colored trees", C182 in JSCS 18, No. 4 (1983), 316-322. (See #1516.)
- JP 1539. IJG and Alan F. McMichael, "A pragmatic modification of explicativity for the acceptance of hypotheses", Philosophy of Science 51 (March 1984), 120-127.
- IP 1541. "A modification, based on the probability density estimation, of the Sherman-Foutz one-sample test", C183 in JSCS 18, No. 4 (1983), 322-323.
- JP 1542. Lee, Luen-Fure ("Steve"); Holtzman, Golde; and IJG, "Accurate computation, by a fast Fourier transform, of the distribution of Pearson's  $X^2$  for equiprobable multinomials", (See #'s 1593, 1593A).
- C 1549. Contribution to the discussion of David J Spiegelhalter and Robin P. Knill-Jones, "Statistical and knowledge-based approaches to clinical decision-support systems, with an application to gastroenterology", JRSS (See #'s 971, 1567).
- P 1550. "The repeat rate with respect to a given multinomial population, and the Dirichlet-multinomial distribution", C186 in JSCS 19, No. 1 (1984), 85-89.
- BR 1552. "Turing and the computer", review of Andrew Hodges's "Alan Turing: the Enigma" (London: Burnett Books, 1983, pp. 587); Nature 307, No. 5952 (Feb. 16-22, 1984), 663-664.
- Repr. 1555. Republication of #668 (short and elegant proof of a conjecture of Dyson) in an anthology of classic papers in combinatorics, edited by Ira Gessel and Gian-Carlo Rota (Birkhauser-Boston, 1987), p. 425.

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- JIP 1557. IJG and B.C. Lewis, "Generation of pairs of related probability vectors". C185 in JSCS 19, No. 1 (1984), 82-85.
- IP 1558. "Laplace's estimate of the mass of Jupiter", C187 in JSCS 19, No. 1 (1984), 89-90. (See #1621.)
- JP 1559. IJG and Eric P. Smith, "The possible bias of the Pearson chi-squared test in non-equiprobable cases", C184 in JSCS 19, No. 1 (1984), 79-82.
- JIP 1561. J.F. Crook and IJG, "Is this matrix function unimodal?", Amer. Math. Monthly 91, No. 9 (Nov. 1984), 560 and 563.
- IP 1562. "A commonsense design for multiple comparisons", C189 in JSCS 19, No. 1 (1984), 94.
- IP 1564. "How should tail-area probabilities be standardized for sample size in unpaired comparisons?" C191 in JSCS 19 (1984), 174. (See #1467).
- P 1565. "One tail versus two tails, and the harmonic-mean rule of thumb", C192 in JSCS 19 (1984), 174-176.
- P 1566. "Paired versus unpaired comparisons and the harmonic-mean rule of thumb", C193 in JSCS 19 (1984), 176-177.
- P 1567. "Weights of evidence in medical diagnosis", C190 in JSCS 19 (1984), 171-173.
- P 1572. "Skew circulants and the theory of numbers", The Fibonacci Quarterly, 24, No. 1 (Feb. 1986)
- BR 1573. Review of Roger D. Rosenkrantz, "Foundations and Applications of Inductive Probability" (Atascadero, Calif.: Ridgeview, 1981); MR 84k (Nov. 1984), pp. 4661-4663 Rev. #60005.
- P 1575. "The best explication for weight of evidence", C197 in JSCS 19, No.4 (1984), 294-299.
- IP 1576. "A probability too small to achieve using a computer", C198 in JSCS 19, No. 4 (1984), 299-300.
- IP 1577. "Standardized tail-area probabilities: a possible misinterpretation", C199 in JSCS 19 No. 4 (1984),300.
- IP 1578. "The tolerant Bayesian's interpretation of a tail-area probability", C200 in JSCS 19 No. 4 (1984), 300-302.
- P 1579. "A Bayesian interpretation of ancillarity", C201 in JSCS 19, No.4 (1984), 302-308.
- P 1580. "Probability applied to Diophantine equations", C202 in JSCS 19, No.4 (1984), 308-313. (See #1582 for rough work.)
- IP 1581. "A quick and dirty method for the nonparametric estimation of a density function", C203 in JSCS 19, No.4 (1984), 313-314.
- IP 1582. "The early history of the Fisher-Yates-Irwin formula and Fisher's 'exact test'," C204 in JSCS 19, No. 4 (1984), 315-319.
- P 1583. Monotonic properties of the moments of a Bayes factor and the relationship to measures

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- of divergence", C205 in JSCS 19, No.4 (1984), 320-325.
- IP 1584. "A historical comment concerning novel confirmation", BJPS 36 (1985), 184-185.
- P 1585. "Broken symmetry in animals", Speculations in Science and Technology 7, No. 2 (1984), 75.
1587. IJG and Eric P. Smith, "An additive algorithm related to the singular decomposition; or a comparison of polarization and multiplicative models", mimeo'd, pp. 27 (May 30, 1984). Prepared for a lecture on August 14, 1984, to be delivered by Eric Smith at the ASA meetings, statistical computing section Philadelphia.
- JP 1587A. The version of #1587 for the Proceedings of the Statistical Computing Section (March 1985 March), 138-143.
- JP 1587B. Version of #1587A as published. IJG and Eric P. Smith, "An additive algorithm analogous to the singular decompositions or a comparison of polarization and multiplicative models: an example of qualitative robustness", Communications in Statistics: Simulation and Computation 15, No. 2 (1986) 545-569.
- P 1588A. "The 'Evergreen Game', 130 years later", CHESS 49, Nos. 929-930 (Aug. 1984), 96-97.
- 1588B. Same as #1588A but in CHESS: Algebraic.
- C 1589. Comments concerning S.E. Maurer's paper "The algorithmic way of life is best", The College Mathematics Journal 16 (Jan. 1985), 20-21.
- IP 1590. "Slinky speculations", letter in Science News 126 (July 7, 1984), p. 3.
- JP 1593A. Golde I. Holtzman and IJG, "The Poisson and chi-squared approximations as compared with the upper-tail area of Pearson's  $X^2$  for equiprobable multinomials", J. Statist. Planning and Inference 13 (1986), 283-295.
- IP 1594. "A further note on the history of the Fisher-Yates-Irwin formula", C208 in JSCS 20, No. 2 (1984), 155-159.
- IP 1595. "An error by Neyman noticed by Dickey", C209 in JSCS 20, No.2 (1984), 159-160.
- IP 1596. "The Only-Just effect in nonparametric procedures, and the achievement of objectivity by using a Statistician's Stooge", C210 in JSCS 20, No. 2 (1984), 160-164.
- IP 1597. "The number of numerical multiplications when multiplying polynomials by recursive bisection", C220 in JSCS 20, No. 4 (1985), 329-331.
- IP 1598. Editorial comment on C212 (by Bowman, Shenton and Szegeres), JSCS 20, No. 2 (1984), 173.
- IP 1599. "The harmonic-mean rule of thumb; some classes of application", C214 in JSCS 20, No. 2(1984), 176-179.
- P 1600. "A sharpening of the harmonic-mean rule of thumb for combining tests 'in parallel'," C213 in JSCS20, No. 2 (1984), 173-176.
- IP 1601. "Penalized least surprise", C215 in JSCS 20, No. 2 (1984), 179-180.
- I 1602. "Subparametric statistics", letter in The Amer. Statistician 39 No. 1 (Feb. 1985), 81.

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- P 1604. "Surprise index", Encyclopedia of Statistical Sciences 9, (1988), 104-110.
- BR 1605. Review of Horwich, Paul, "Probability and Evidence" (1982); MR 85J (October 1985), p. 4597, Rev #60003.
- P 1606A. "Causal propensity: a review", PSA 1984, Volume 2 (in print 1985 but issued November 1986). (Peter D. Asquith and Philip Kitcher, eds.), 829-850.
- P 1606B. "Causal propensity: a review" in Causation, Chance and Credence (1988), 23-50. (William Harper and Brian Skyrms, eds., Dordrecht: Reidel, 1988.)
- P 1606C. Response to Wesley Salmon's critique, being also an extension of the appendix of #1606B. In the same book (1988), 73-78.
- P 1607. "Probabilistic induction is inevitable", C216 in JSCS 20, No. 4 (1985), 323-324.
- IP 1608. "Tail-area probabilities and Bayes factors as 'distances' from the null hypothesis", C217 in JSCS 20, No. 4 (1985), 325.
- IP 1609. "A correction concerning degrees of causation", C218 in JSCS 20, No. 4 (1985), 326.
- JIP 1611. IJG and Gordon Tullock, "On judicial errors", C221 in JSCS 21, No. 1 (1985), 75-76. (See #1512.)
- I 1615. "Every shroud has a silver lining", letter in The Skeptical Enquirer 9, No. 2 (1984-85, Winter), 192.
- I 1621. "A historical note on the mass of Jupiter", C224 in JSCS 21, No. 1 (1985), 86-87. (See #1558.)
- I 1622. "Who discovered the God-Koheleth law?", C225 in JSCS 21 No. 1 (1985), 87-88.
- IP 1623. "A new measure of surprise", C226 in JSCS 21 No. 1 (1985), 88-89.
- IP 1625. "The accuracy of Stirling's formula for  $x!$  when  $x$  is small", C223 in JSCS 21, No. 1 (1985), 84-86.
- IP 1626. "The number of functionals: a combinatorial curiosity", C228 in JSCS 21, No. 1 (1985), 90.
- IP 1627. "Probability density estimation over subintervals of the range", C229 in JSCS 21, No. 1 (1985), 90-91.
- C 1628. Contribution to the discussion of Persi Diaconis and Bradley Efron, "Testing for independence in a two-way table: new interpretations of the chi-square statistic", Annals of Statistics 13 (1985), 885-886.
- IP 1629. "In defense of the law of the excluded middle, or all logic is probabilistic", C234 in JSCS 21, Nos. 3 and 4 (1985), 337-339.
- IP 1630. "Sufficiency and weight of evidence", C232 in JSCS 21, Nos. 3 and 4 (1985), 334-336.
- IP 1631. "Fisher and subjectivity", C233 in JSCS 21, Nos. 3 and 4 (1985), 336-337.
- IP 1632. "Another application for the Wilcoxon signed-rank test", C235 in JSCS 21, Nos. 3 and 4

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(1985), 339.

- BR 1635. Review of J. Kadane (ed.) *Robustness of Bayesian Analyses*, Volume 4 of studies in *Bayesian Econometrics*, ed. by A. Zellner and J.B. Kadane; JASA 80, (Dec. 1985), 1067 to 1068.
- P 1636. "Mathematically natural generalizations of some measures of association and dependence for contingency tables", C236 in JSCS 22, No. 1 (1985), 93-97. (See #1616).
- P 1639. "Explanatory power depends on more than probabilities", C238 in JSCS 22, No. 2 (1985), 184-186.
- C 1640. Contribution to the discussion of P.A.V.B. Swamy, R.K. Conway, and P. von zur Muelen "The foundations of econometrics--- are there any?" Econometric Reviews 4 (1) (1985), 69-74.
- JP 1642. IJG and Eric P. Smith, "The variance and covariance of a generalized index of similarity especially for a generalization of an index of Hellinger and Bhattacharyya", Communications in Statistics: Theory and Methods 14, No. 12 (1985), 3053-3061.
- Trans 1643. Translation of #815 into Chinese
- JIP 1644. IJG and Eric P. Smith, "A continuum of Principal Components methods", C420 in JSCS 23, Nos. 1 and 2 (1985), 136-142.
- IP 1645. "The probability distribution of the gaps between Mersenne primes, II", C244 in JSCS 23, Nos. 1 and 2 (1985), 154-156.
- I 1645A. "Comment on C244", C248 in JSCS 23, No. 3 (1986), 250.
- JIP 1646. G.I. Holtzman and IJG, "Heaviside's unit function applied to midrank procedures", C242 in JSCS 23, Nos. 1 and 2 (1985), 146-148.
- IP 1647. "The exact distribution for a criterion for matched n-tuples allowing for ties", C241 in JSCS 23, Nos. 1 and 2 (1985), 142-146.
- P 1650. "Very small tails of the t distribution, and significance tests for clustering", C246 in JSCS 23, No. 3 (1986), 243-248.
- JIP 1651. IJG and Eric P. Smith, "A power series for the tail-area probability of Student's t distribution", C247 in JSCS 23, No. 3 (1986), 248-250.
- I 1652. "Great prizes for great games" (editor's title), letter in Chess 49 (Christmas, 1984) 231.
- I 1653. Statistical Discussion Forum, introductory column for JSPI 14, No. 3 (Sept. 1986) 311-312. Includes F1, "The singular decomposition of a matrix: a point of terminology".
- C 1654. Contribution to the discussion of Peter Fishburn's paper "The axioms of subjective probability", Statistical Science 1, No. 3 (1986), 346-347.
- JP 1656. IJG and J.F. Crook, "The robustness and sensitivity of the mixed Dirichlet Bayesian test for 'independence' in contingency tables", Annals of Statistics 15, No. 2 (June 1987) 670-693.

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- JP 1656A. The longer version of #1656 (Sept. 12, 1985), typescript, pp. 51+ i.
- P 1659. "A reinstatement, in response to Gillies, of Redhead's announcement in support of induction" Philosophy of Sc. 54 (Sept. 1987) 470-472.
- P 1660. "Scientific method and statistics", Encyclopedia of Statistical Sciences Vol. 8 (1988), 291-304. (New York: Wiley)
- IP 1663. "'Saturated model' or 'quasimodel', a point of terminology", C250 in JSCS 24, No. 2 (1986), 168-169.
- P 1664. "Stable estimation", for the Enc. Statist. Sc. 8, (New York: Wiley, 1988), p. 621.
- JP 1665. IJG and Byron C. Lewis, "The choice between techniques for choosing between methods of estimation", JSCS 25, Nos. 1 and 2 (1986), 1-8.
- 1665A. Errata to #1665; the figure and keywords. JSCS 27, No. 1 (1987) 93.
- P 1666. "A pragmatic theory of truth of theories or hypotheses", C251 in JSCS 24, Nos. 3 and 4 (1986), 319-320.
- IP 1667. "A minor comment concerning Hempel's paradox of confirmation", C252 in JSCS 24 Nos. 3 and 4. (1986), 320-321.
- IP 1669. "A definition of basic logic", C253 in JSCS 24, Nos. 3 and 4 (1986), 321.
- P 1670. "The species-sampling problem: can it be treated without empirical Bayes?", C254 in JSCS 24, Nos. 3 and 4 (1986), 322-323.
- P 1671. "Invariant hyperpriors", C255 in JSCS 24, Nos. 3 and 4 (1986), 323-324.
- IP 1672. "Cross-validated semi-Bayesian methods", C256 in JSCS 24, Nos. 3 and 4 (1986), 324.
- P 1673. "Subjective Probability", The New Palgrave, Vol. 4 (John Eatwell, Murray Milgate and Peter Newman, eds.; Stockton Press, Dec. 1987), 537-543.
- IP 1676. "Some Bayes/non-Bayes compromises based on covert Bayesianism", C260 in JSCS 25, Nos. 3 and 4 (1986), 298-300.
- P 1677. "The species sampling problem again", C261 in JSCS 25, Nos. 3 and 4 (1986), 304-305.
- P 1678. Contribution to the discussion of the two papers: James Berger and Thomas Sellke "Testing a point hypothesis: the irreconcilability of P-values and evidence", and George Casella and Roger L. Berger "Reconciling Bayesian and frequency evidence in the one-sided testing problem", JASA 82 (March 1987), 125-128.
- BR 1684. Review of E.T. Jaynes, "Papers on Probability, Statistics and Statistical Physics" (ed. by R.D. Rosenkrantz), Dordrecht, Holland: Reidel. MR 87h (Aug. 1987), 4429-4430, Rev. #62007.
- 1684 A. Original longer form of #1684 (April 2, 1986), typescript, pp. 10.
- P 1686. "A geometrical approach to the amalgamation paradox", C264 in JSCS 26, Nos. 1 and 2 (1986), 129-132.
- IP 1687. "The computer-intensive form of a Bayes/Non-Bayes compromise", C265 in JSCS 26

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Nos. 1 and 2 (1986), 132-133.

- IP 1688. "Recognizability, permutability, and homogeneity", C266 in JSCS 26 Nos. 1 and 2 (1986), 133-134.
- P 1689. "The 3D monocular effect", C267 in JSCS 26, Nos. 1 and 2 (1986), 134-139.
- P 1690. "The likelihood-ratio approach to the generalized Behrens-Fisher problem: one-way ANOVA under heteroscedasticity", C268 in JSCS 26, Nos. 1 and 2 (1986), 139-145.
- 1690A. Rough work for #1690
- I 1693. Second column for the Statistical Discussion Forum of JSPI 15, No. 1 (Oct. 1986), 129.
- IP 1694. "The newly discovered poem, possibly by Shakespeare", C269 in JSCS 26, Nos. 1 and 2 (1986), 145-146.
- IP 1695. "Newcomb's problem and the foundations of probability", C270 in JSCS 26, Nos. 1 and 2 (1986), 146-148.
- BR 1698. Review of Michel Gauquelin, *Birth-Times: a Scientific Investigation of the Secrets of Astrology*. New York: Hill and Wang, 1983. Trans. by Sarah Matthews. JASA 82, No. 398 (June 1987), 697-698.
- P 1699. IJG and Byron C. Lewis, "A further note on probability estimation for pairs of related multinomials", C304 in JSCS 29, No. 4 (1988), 353-357.
- IP 1700. "Flipping Catastrophe" (editor's heading), letter in New Scientist 110, No. 1503 (1986 April 10), p. 76.
- I 1701. Solution to a problem raised by A.K. Dewdney in his Sci. Amer. column (May 1986) concerning a branching process. He gave my solution without details in his August column, page 25, but he expressed it incorrectly; see my added footnote.
1702. "The reason for choosing twelve steps (semitones) in an octave", a memo (Aug. 6, 1986), pp. 2, typescript.
- P 1703. "Age of earliest memory: an informal sampling experiment", C271 in JSCS 26, Nos. 3 and 4 (1986), 299-301.
- P 1704. "A flexible Bayesian model for comparing two treatments", C272 in JSCS 26, Nos. 3 and 4 (1986), 301-305.
- 1704A. Rough work for #1704 (March 13, 1986), pp. 2
- I 1705. "A historical comment concerning the Monte Carlo estimation of P-Values", C273 in JSCS 26, Nos. 3 and 4 (1986), 306.
- P 1706. "Multinomial prediction and improved approximations to the shrinking parameter that maximizes a Dirichlet-multinomial likelihood", C274 in JSCS 26, Nos. 3 and 4 (1986) 306-311.
- P 1707. "The maximum of a Bayes factor against 'independence' in a contingency table, and generalizations to higher dimensions", C275 in JSCS 26, Nos. 3 and 4 (1986), 312-316.
- IP 1708. "On terminology for matrices of special forms", C276 in JSCS 26, Nos. 3 and 4 (1986),

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316-317.

- P 1709. "Some checks on the consistency of probability judgements and a conjectured method for improving those judgements", C277 in JSCS 28, No. 1 (1987), 63-71.
- 1709A. Rough work for (14) and (15) of #1709, one page. (July 24, 1986)
- P 1710. "The whole truth", The Institute of Mathematical Statistics Bulletin 15 (November 1986), 366-373. (An editor's invited column.)
- IP 1711. "Hierarchical Bayesian and Empirical Bayesian methods", letter in the Amer. Stat. 41 (1987), p. 92.
- P 1713. "Serial unblocked designs balanced for correlation between neighbors", Communications in Statistics: Theory and Methods 16, No. 4 (1987), 1153-1159.
- IP 1714. "Indices of economic concentration", C278 in JSCS 28, No. 1 (1987), 71-72.
- P 1715. "Speculations concerning the future of statistics," in the conference Foundations and Philosophy of Probability and Statistics in honor of I.J. Good, 1987 May (K. Hinkelmann, ed.) in the Special Issue on Foundation of Statistics and Probability, JSPI 25, No. 3 (July 1990), 441-446. [Note: My reply to Barnard's Comment is #1715.]
- IP 1718A. "Succinct speculations, II", Speculations in Science and Technology 10, No. 3 (1987), 237-239. There is a longer unpublished version, #1718.
1719. "An index of some Comments, Conjectures, and Conclusions", Tech. Rep. 86-100, dated October 1, 1986. (This covers those of my published CCCs that were not indexed in Good Thinking. I hope to use it as a basic file for other purposes.)
- 1719A. A supplement to TR 86-100.
- IP 1720. "Confidence", C284 in JSCS 28, No. 1 (1987), 85-87.
- IP 1721. "The calculation of the normal or error function with normally acceptable proportional error", C283 in JSCS 28, No. 1 (1987), 83-84.
- JP 1722. IJG and Eric P. Smith, "Some general measures of similarity and their values under multinormality", C280 in JSCS 28, No. 1 (1987), 75-79. (See#1750.)
- P 1723. "A survey of the use of the Fast Fourier Transform for computing distributions", C285 in JSCS 28, No. 1 (1987), 87-93.
- P 1724. "Correlation and linearity: some lapses in exposition", C286 in JSCS 28, No. 1 (1987), 93-94.
- I 1725. Introduction to the third column for the Statistical Discussion Forum in JSPI 16, No. 1 (1987), 133.
- IP 1726. "A correction concerning 'ancillarity' for significance tests" C288 in JSCS 28, No. 2 (1987), 182-183.
- P 1729. "The interface between statistics and the philosophy of science", for the Eighth International Congress on the Logic, Methodology, and Philosophy of Science VIII (J.E.Fensted, I.T.Frolov, and R.Hilpinen, eds.; Amsterdam North Holland & Elsevier; 1989), invited paper sent by videotape for the Moscow conference held in August 1987.

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- P 1729A. "The interface between statistics and philosophy of science", Statistical Science 3, (1988), 386-412 (with discussion).
- IP 1730. "Craig the vague", F6 in Statistical Discussion Forum in JSPI 16 No. 2 (May 1987), 262-263. (See #1746.)
- BR 1733. Review of Stephen M. Stigler, "The History of Statistics: the Measurement of Uncertainty before 1900", (Cambridge, MA and London, England: The Belknap Press of Harvard University, 1986). The American Scientist 75, No. 4 (July/August 1987), 422-423.
1734. Review of Theodore M. Porter "The Rise of Statistical Thinking 1820-1900" (Princeton University Press, 1986), the more complete unpublished version.
- BR 1734A. The published version of #1734. American Scientist 75 (Nov./Dec. 1987), p. 649.
- IP 1735. "Is the arc-sine law all that counter-intuitive?" F8 in Statistical Discussion Forum in JSPI 16, No. 3 (1987), 429-430.
- P 1737. "Maximum penalized likelihood for somewhat parametric estimation", C289 in JSCS 28, No. 3 (1987), 261-264.
- P 1739A. "Statistics in Dean's astrology article", The Skeptical Inquirer 11, No. 7 (1987 Summer), 418-422 (with discussion).
- 1739B. The rough work for #1739A (unpublished).
- IP 1741. "An example of dynamic probability in number theory", C294 in JSCS 28, No. 4 (1987), 349-350.
- I 1742. "Potential topics for this column", introduction to Column 5 of the Statistical Discussion Forum in JSPI 16, No. 3 (July 1987), 429.
- P 1743. "Good and bad scientific speculations", for the session on Speculations in Science and Technology in the meetings of the British Association for the Advancement of Science in Belfast, N. Ireland, August 28, 1987. (D'Alembert's Principle was announced in 1743.)
- IP 1745. "Good's law of misprints" F11 in JSPI 18, No. 1 (Jan. 1988), 134.
- I 1746. "Errata to F6 and F7", F12 in JSPI 18, No. 1 (Jan. 1988), 134.
- 1748 = 1058.16. "Some linguistic 'errors' in scientific and other writings", Tech. Rep. 89-20 (Dec. 11, 1989), pp. 10
- P 1748B. The first two-thirds of #1748, published in Mensa Bulletin, No. 319 (September 1988), 36-37. (Has various editorial changes.)
- JP 1750. Lu, Ruey-Ping; Smith, Eric P.; and IJG, "Multivariate measures of similarity and niche overlap", Theoretical Population Biology 35, No. 1 (1989), 1-21. (See #1722.)
- IP 1751. "A reply to the Comment by G.A. Barnard", in the Good conference, JSPI 25, No. 3 (July 1990), 439-440. (See #1715.)
1752. An article by Joe Brown in the Theater/Dance section of the Washington Post (Oct. 9, 1987) based in part on a phone call he made to me a few days before. Concerns the play "Breaking the Code". The article is not free of error (as usual in newspapers).

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- P 1753A. "What are the masses of elementary particles?", Nature 332 (April 7, 1988), 495-496.
- 1753B. Corrections to #1753 A. Typed.
- IP 1755. "Hubble, bubble, toilet trouble", scheduled for Zetetic Scholar 14, but that issue never appeared. Accepted for the Zetetic Scholar in January 1988. Published in the Sally Hemings Memorial Newsletter 11, No. 8 (Feb. 1990), 9-10. Reprinted in Mensa Bulliten, No. 335 (April 1990), page 19. (In 1755 Samuel Johnson writes "A dictionary of the English language".)
- IP 1756. "What should be the usual shape of a loss function?", C300 in JSCS 29, No. 4 (1988) 346-347.
- IP 1758. "An inequality for the smallest singular value of a matrix product", C299 in JSCS 29, No. 4 (1988), 343-346.
- I 1762. "An early risk assessment for an atomic reactor", C302 in JSCS 29, No. 4 (1988), 351.
- P 1763. "Bayes's red billiard ball is also a herring", C297 in JSCS 29, No. 4 (1988), 335-340.
- P 1764. "The pragmatic irrelevance of de Finetti's theorem", C303 in JSCS 29, No. 4 (1988), 351-353. (See #1807.)
- IP 1765. "The number of correct significant digits in a piece of physical numerology", C305 in JSCS 29, No. 4 (1988), 358-359.
- BR 1766A. "Changing concepts of chance", a review of The Probabilistic Revolution. Vol. 1, Ideas in History (L. Kruger; L.J. Daston, and M. Heidelberger, eds.), Vol. 2, Ideas in the Sciences (L. Kruger; G. Gigerenzer; and Mary S. Morgan, eds.); Nature 332 (March 31, 1988), 405-406.
- IP 1768. Contribution to the discussion of S.L. Lauritzen and David J. Spiegelhalter's paper "Local computations with probabilities on graphical structures and their application to expert systems", JRSS B 50, No. 2 (1988), p. 207.
- 1768A. The original longer form of #1768.
- IP 1769. "Carl Jung's pragmatic use of astrology", The Skeptical Inquirer 12, No. 2 (Winter 1987-1988; issued January 1988), 192-193.
- IP 1770. "Interpretation of a large coefficient of determination", C316 in JSCS 31 (1989), 63-64.
- IP 1771. =1058.11A. "A common misuse of 'denoted'", Pi Mu Epsilon Journal 8, No. 8 (Spring 1988), 520-521.
- I 1771A. An erratum for #1771 arising out of an editor's mistake. Vol. 8, No. 9 (Fall 1988), p. 593.
- P 1772. "Yet another argument for the explication of weight of evidence", C312 in JSCS 31 (1989), 58-59.
- IP 1773. "Chaotics and number theory", C314 in JSCS 31 (1989), 61-62.
- IP 1774. "The rate of diagnosing a fault, for example, in a communication channel", C313 in JSCS 31 (1989), 60-61.

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- IP 1775. "Order of authorship", The American Statistician 42, No. 4 (Nov. 1988), 288-289. (See #1824.)
- P 1776. "On the combination of pieces of evidence", C311 in JSCS 31, No. 1 (1989), 54-58. (The US and the UK become independent in 1776, at least in the opinion of the USA.)
- P 1777. "A suspicious feature of the Popper/Miller argument", C315 in JSCS 31 (1989), 62-63.
- 1777A. As #1777 for Philosophy of Science 57, No. 3 (1990), 535-537.
- BR 1780. Review of "Algorithms for Games" by G.M. Adelson-Velsky; V.L. Arlazarov; and M.V. Donsky. Tr. by Arthur Brown from the Russian of 1978. Springer (1988). The American Scientist 76, No. 5 (Sept./Oct. 1988), 525.
- IP 1781A. Corrigenda to "The fractional dimensional theory of continued fractions" Proc. Cambridge Philos. Soc. 37 (1941), 199-228; Math. Proc. Cam. Phil. Soc. 105 (1989), 607
- IP 1782. "The theorem of corroboration and undermining, and Popper's demarcation rule", C317 in JSCS 31, No. 2 (1989), 119-120.
- IP 1783. "The paradox of confirmation and Stoogian observations", C318 in JSCS 31, No. 2 (1989), 121.
- IP 1784. "Weight of evidence and a compelling metaprinciple", C319 in JSCS 31, No. 2 (1989), 121-123.
- IP 1785. "Weak attacks on transitivity of preference", C320 in JSCS 31, No. 2 (1989), 123-124.
- IP 1786. "The need for a normative theory of rationality", C321 in JSCS 31, No. 2 (1989), 124-126.
- IP 1787. "Medialized P-values", C322 in JSCS 31, No. 2 (1989), 126-127.
- P 1788. "A test for a specified Markov model or branching process", C323 in JSCS 31, No. 2 (1989), 127-128.
- IP 1790. "Erratum and addendum to C172", C325 in JSCS 31, No. 2 (1989), 128-129.
- JP 1795. Norman L Gilinsky and IJG, "Analysis of clade shape using queuing theory and the Fast Fourier transform", Paleobiology 15, No. 3 (1989), 321-333. (In 1795 Scottish geologist James Hutton publishes Theory of Earth, which pioneers scientific geology.)
- 1795A. N.L. Gilinsky and IJG, and addendum to #1795.
- TR 1796. Wilfrid I. Card and IJG, "A mathematical theory of the diagnostic process", a monograph completed early in 1970 but not published, pp. 135+13 figures. Issued as a Statistics Department Technical Report, Number 88-20, July 20, 1988. (The Royal Technical College of Glasgow was founded in 1796.)
- P 1797. "Addenda to 'The fractional dimensional theory of continued fractions,' Proc. Cambridge Philos. Soc. 37 (1941), 199-228", C237 in JSCS 32, (1989), 64-68. (See #'s 2, 1781A.)
- JP 1798. L.H. Bernstein; IJG; G.I. Holtzman; M.L. Deaton; and J. Babb, "The diagnosis of acute myocardial infarction from two measurements of creatine kinase isoenzyme MB with use of nonparametric probability estimation", Clinical Chemistry 35 (1989), 444-447. (See #1799.)
- JP 1799. IJG; G.I. Holtzman; M.L. Deaton; and L.H. Bernstein, "Diagnosis of heart attack from

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- two enzyme measurements by means of bivariate probability density estimation: statistical details", C328 in JSCS 32, Nos. 1-2 (1989), 68-76. (See #1798.)
- P 1800. "On the judgment of 'numerological' assertions, C333 in JSCS 32, Nos. 1-2 (1989), 92-103.
- IP 1801. "An enveloping regression procedure", F20 in JSPI 21 (1989), 134.
- I 1802. "Chaotics vs. Chaology", F21 in JSPI 21 (1989), 134-135.
- P 1803. "The variability of the evaluations of speculative ideas", C330 in JSCS 32, Nos. 1-2 (1989), 81-88.
- JP 1804. IJG and R.V. Foutz, "The 'Fisher-Poisson trick' extended to contingency tables", C329 in JSCS 32, Nos. 1-2 (1989), 76-81.
1805. "Does the best team win?", a "Chalk Talk" for the Silver Anniversary of the College of Arts and Sciences, VPI&SU, Oct. 8, 1988.
- IP 1807. "An apology to de Finetti", C331 in JSCS 32, Nos. 1-2 (1989), 88-90. (See #1764.)
- P 1808. "Surprise indexes and P-values", C332 in JSCS 32, Nos. 1-2 (1989), 90-92.
- P 1809. "On the neutron and proton masses: a numerological case study", C334 in JSCS 32, Nos. 1-2 (1989), 103-111.
- P 1810. "Some numerology for the mass ratio of proton to electron, and a partially Bayesian evaluation", C335 in JSCS 32, Nos. 1-2 (1989), 111-113.
- IP 1811. "The Hippocratic Oath and the foundations of statistics", F23 in JSPI 21, No. 3 (March 1989), 408-409.
- JIP 1812. IJG and S. Chengalur-Smith, "A generalization of Rissanen's distribution", C340 in JSCS 34, Nos. 2 and 3 (1990), 155-158.
- TR 1814. "Physical numerology", Tech. Rep. No. 88-26, 44 pages (Dec. 30, 1988), containing #'s 1800, 1809, 1810, 1753A, and 1753B. Superseded by #1836.
- TR 1815. "Some ideas related to the estimation of oil and gas reserves: a reply to questions put to me by the Princeton University Department of Statistics", an unpublished document of October 6, 1978, pp. 22. January 6, 1989,. Tech. Rep. 89-3.
- JP 1816. A.I. Khuri and IJG, "The parameterization of orthogonal matrices: a review mainly for statisticians", South Africal Statistical Journal 23, No. 2 (1989), 231-250.
- Int. 1817. A news item about me in Collegiate Times, 85<sup>th</sup> year, no. 39 (February 10, 1989), pp. A5 and A9. Headed "The man is just plain Good". Interview by Andrew Smith. Photographs by Tania Bikerman, a portrait and a photo of Good's Dream Figure. (There are several inaccuracies.)
- R 1818. Review of Shaw, J.E.H., "A quasirandom approach to integration in Bayesian statistics", The Annals of Statistics 16, No. 2 (1988), 895-914; MR 89k (Nov.1989), p. 6313, Rev. #62046.
- P&TR 1819. "Numerology for the masses of elementary particles: an updating", C345 in JSCS 34, Nos. 2 and 3 (1990), 164-165. Also issued as Tech. Rep. #88-26.

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1822. "Introductory remarks for the article in *Biometrika* 66 (1979), 'A.M. Turing's Statistical work in World War II'." In Collected Works of A.M. Turing, volume edited Pure Mathematics: with a section on Turing's statistical work by I.J. Good (See #1201).
- IP 1824. "Order of authorship: alphabetical or randomized?," letter in The American Statistician 43 (Aug. 1989) 187. (See #'s 1775, 1881.)
- P 1828. "Weight of evidence and the Bayesian likelihood ratio", Chapter 3 of The Use of Statistics in Forensic Science (C.G.G. Aitken and D.A. Stoney, eds. Ellis Horwood, Also as a Tech Rep. 89-16.
- IJP 1830. W.E.C. Moore; L.V.H. Moore; R.M. Smibert; IJG; J.A. Burmeister; K.G. Placanis and R. Ranney, "Good's L-statistic---rebuttal", Journal of Periodontal Research 24, 222-223. (I agreed to put my name to this note, which was drafted by Ed Moore, although I would have written it differently, because he was in a very great hurry to mail it. It is a refutation of a note by Morrison and Kowalski.)
- R 1831. Review of E.T. Jaynes, "The relation of Bayesian and maximum entropy methods", Maximum-entropy and Bayesian methods in science and engineering, Vol. 1 (Laramie, WY, 1985 and Seattle, WA, 1986/1987), 25-29, *Fund. Theories Phys.*, Kluwer Acad. Publ., Dordrecht, 1988: MR.
- IP 1833. Letter concerning characteristic functions of functions. Amer. Stat. 44, No. 1 (Feb. 1990) p. 64.
- IP 1834. "The use of divergent series in statistical problems", C344 in JSCS 34, Nos. 2 and 3 (1990), 164.
- JIP 1835. IJG and Norman L. Gilinsky, "A simple comment concerning the Galton-Watson-Bienaymé process", C346 in JSCS 34, Nos. 2 and 3 (1990), 165-166.
- P 1836. "A quantal hypothesis for hadrons and the judging of physical numerology". Also issued as a Tech. Rep. 89-13 (June 5, 1989).
- IP 1837. "Randomized-response questionnaires, and lie-detectors", C347 in JSCS 34, Nos. 2 and 3 (1990), 166-168.
- I 1838. Errata to C202, 305, 307, 310, 311, and 344", C350 in JSCS 34, Nos. 2 and 3 (1990), 176. (See #s 1580, 1765.)
- IP 1839. "The P-value trap, an editorial comment on C342", C342.5 in JSCS 34, Nos. 2 and 3 (1990), 162.
- IP 1840. "Multivariate tests after dimensionality reduction", C356 in JSCS 36, No. 1 (1990), 45.
- IP 1841. "Isolikelihoods", C357 in JSCS 36, No. 1 (1990), 45-47.
- BR 1843. Review of Michael Barnsley, "Fractals Everywhere", Boston, Mass.: Academic Press, 1988. SIAM Review 32, No. 2 (June 1990), 317-318.
- IP 1844. Factorial designs and the programming of games. C359 in JSCS 36, No. 1 (1990), 45-50.
- IP 1845. "A Bessel function inequality derived by a statistical argument", C363 in JSCS 36, No. 1 (1990), 56-57.

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- IP 1846. "Editorial concerning Terrell's conjecture", C361 in JSCS 36, No. 1 (1990), 53-54.
- P 1850. A republication of #26 in Breakthroughs in Statistics, Vol. 1, Foundations and Basic Theory (S. Kotz and N.L. Johnson, eds., Springer, 1998), 365-377. (The print is better than the original.)
- P 1851. Introduction to Herbert Robbins (1955) in Breakthroughs in Statistics, Vol. 1 (S. Kotz and N.L. Johnson, eds. 1992, Springer), 379-387.
- I 1853. "Medalized P-values, an earlier reference". C367.5 in JSCS 36 (1990), 177. (Labeled C367 in the journal.)
- P 1854. "On the exact distribution of  $X^2$  for the lady testing beer." C368 in JSCS 36 (1990), 177-179.
- P 1855. "Invariant distance in statistics: some miscellaneous comments." C369 in JSCS 36 (1990) 179-186.
- P 1856. "A compromise between credibility and subjective probability." C370 in JSCS 36 (1990) 186-193. (See #316.5)
- TR 1856A. "A compromise between credibility and subjective probability." Tech. Rep. 90-2 (February 27, 1990), pp. 11. I believe this is identical with #1856 apart from the presentation of the references.
- IP 1857. "Fifty years of errors." C372 in JSCS 36 (1990), 193-194.
- TR 1858. =1154C. "Errata and addenda to publications and joint publications by I.J. Good." Tech. Rep. 90-3 (February 27, 1990), pp.25.
- IP 1859. "Molecular monikers" (editors heading), a letter in Science News 137 (March 10, 1990), p. 147. (Concerns semiregular and 'demisemiregular' solids.)
1860. "Brief comments on some of I.J. Good's publications on statistics and allied topics" (March 14, 1990), pp. 7
- IP 1861. "The insufficiency of some definitions of sufficiency." F25 in JSPI 26, No. 1 (1990), 110.
- IP 1862. "A comment on F24 regarding the sufficiency of order of statistics." F26 in JSPI 26, No. 1 (1990), 111.
- IP 1863. Editorial on interval estimation. F29 in JSPI 26, No. 1 (1990), 113.
- I 1864. "An editorial on F34." F35 in JSPI 26, No. 1 (1990), 120. Quotes a remark by Henry Daniels in Bertorelli's restaurant.
- IP 1865. "In defense of 'the' likelihood principle." F38 in JSPI 26, No. 1 (1990), 122-123.
- IP 1866. "The regression effect as a cause of war." F39 in JSPI 26, No. 1 (1990), 123-124. (See #2189.)
- IP 1867. "Partially random designs in statistics and in neural nets." F40 in JSPI 26, No. 1 (1990), 124-125.
- TR 1870. "The resolution of the clock paradox and Dingle's fallacy in relativity theory

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(Expository)." pp. 18; Tech. Rep. 90-5 (April 18, 1990).

- TR 1870A. "Dingle's second fallacy." (May 31, 1990), pp. 6; Tech. Rep. 90-5A.
- IP 1872. "Exploratory data analysis." C377 in JSCS 37, Nos. 3 and 4 (1990), 243-245.
- IP 1873. "Comments concerning the hadron quantal hypothesis." C378 in JSCS 37, Nos. 3 and 4 (1990), 245-247. (See #1836 and 1894.)
- Rep. 1874. Republication of #1673 in The New Palgrave: Utility and Probability. A collection of articles extracted from "The New Palgrave" (editors as before; London: Macmillan Press) 255-269. (See #1673.)
- P 1876AAA. Revision of 1876A., "The kinematics of special relativity, and Dingle's fallacies", January 28, 1991, Physics Essays 4, No. 4 (December 1991), 591-595.
- P 1877. "Serial unblocked designs balanced for correlation between neighbors, II." In Communications in Statistics: Theory and Methods 20, No. 4 (1991), 1225-1231.
- JP 1878. IJG, Eric P. Smith, and David D. Morris. "A SAS program for choosing random serial unblocked designs balanced for correlation between neighbors." In SUGI 16: SAS User's Group International. Sixteenth Annual Conference, New Orleans, Louisiana, February 17-20, 1991, pp. 1363-1367. (See #1713, 1877.)
- IP 1880. Comments on Gertrude Cox's ASA Presidential Address of 1957. For Breakthroughs in Statistics. (S. Kotz. and N. L. Johnson, eds., 1992), Vol. 1, p. xxxvii.
- I 1881. Letter concerning the Science Citation Index. "Reply to the letter by Garfield." In Amer. Statistician 45, No. 2 (May 1991), p. 168. (See #1824.)
- BR 1883. Review of Agresti, Alan. "Categorical Data Analysis." John Wiley and Sons (1990); MR 91k (November 1991), p. 6138, Rev. #62055.
- BR 1884. A review of "The Science of Fractal Images." Heinz-Otto Peitgen and Dietmar Saupe, eds. (with contributions by M.F. Barnsley, R.L. Davaney, B.B. Mandelbrot, R.G. Voss, Y. Fisher and M. McGuire), Springer-Verlag, New York, 1988. SIAM Rev. 33, No. 3 (September 1991), 496-499.
- JP 1885. N.L. Gilinsky and IJG. "Probabilities of origination, persistence, and extinction of families of marine and invertebrate life." In Paleobiology 17 (2), (1991), 145-166.
- P 1886. "A comment concerning optional stopping." C383 in JSCS 39, No. 3 (1991), 191-192.
- P 1887. "Complex Fibonacci and Lucas numbers, continued fractions, and the square root of the golden ratio," The Fibonacci Q. 31, No. 1 (February 1993), 7-20. (Submitted in February 1991.)
- 1887A. A condensed version (unpublished, March 26, 1992), pp.13, of #1887.
- 1887BA. Erratum and addendum for #1887.
- C 1888. Contribution to the discussion of David L. Donoho, Ian M. Johnstone, Jeffrey C. Hoch, and Alan S. Stern. "Maximum entropy and the nearly black object." In JRSSB 54, No. 1 (January 1992), 74-75.
- TR 1891. Reviews of "Good Thinking". Technical Report 91-7 (May 16, 1991).

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- IP 1892. "Ridge regression and the harmonic-mean rule of thumb." C386 in JSCS 40, Nos. 3 and 4 (1992), 262.
- P 1893. "Further comments concerning the lady tasting tea or beer: P-values and restricted randomization." C387 in JSCS 40, Nos. 3 and 4 (1992), 263-267.
- IP 1894. "A further note on physical numerology." C388 in JSCS 40, Nos. 3 and 4 (1992), 267-268. (See # 2141.)
- IP 1895. Analysis of the chess position shown in the film "From Russia with Love," Kronsteen vs. Macadams. Chess Monthly 56, No. 5 (August 1991), 38.
- MR 1896. Review of Shafer, Glenn. "The unity and diversity of probability." In Statistical Science 5 (1990), 435-462 (with discussion); MR 92d (April), p. 1774, Rev. #010.
- IP 1897. Sharp bounds to  $\rho(X,Z)$  given  $\rho(X,Y)$  and  $\rho(Y,Z)$ , a geometrical solution. In IMS Bulletin 19, No. 2 (1990), 215. (Solutions to problem 89-7.)
- TR 1898. "Intelligence and creativity." Part of a colloquium on November 19, 1991. Tech. Rep. 91-24.
- P 1899. "Partial correlation coefficients are analogous to partial differential coefficients." C390 in JSCS 43 (1992), 254-256.
- P 1900D. "The Bayes/non-Bayes compromise: a brief review." A Presidential Invited Paper, JASA 87, No. 419 (September 1992), 597-60. (See #2129.)
- P & TR 2000. "Causal tendency, necessitivity and sufficientivity: an updated review." In Patrick Suppes, Scientific Philosopher (Paul Humphreys, ed.; Kluwer Dordrecht, 1996), Vol. 1, 293-315. = TR 93-10 (July, 1993). The terminology is now necessitude and sufficitude.
- P & TR 2001. "A tentative measure of probabilistic causation relevant to the philosophy of the law." C400 in JSCS 47, No. 1 (1993), 99-105. Also TR #93-4 (March 4, 1993).
- P 2101. "The mathematics of philosophy, a brief review of my work." In Critical Rationalism, Metaphysics and Science. Essays for Joseph Agassi, (1995), Vol. 1, 211-238. (I.C. Jarvie and Nathaniel Laon, eds. Dordrecht: Kluwer.)
- TR 2101A. #2101 in the form of Tech. Rep. 92-2 (February 28, 1992), in a slightly different form.
- TR 2104. IJG and John L. Johnson. "A rapid clustering method, with a significance test, exemplified by DNA homology." Dated May 22, 1980. Tech. Rep. 92-7.
- IP 2105. "Tendencies to be sufficient or necessary causes." C394 in JSCS 44, Nos. 3 and 4 (1993), 261-262.
- I 2109. "Handicapping hyperbole (editor's heading)." A letter in Barron's (August 17, 1992), p. 23
- R 2110. Review of West, Mike and Crosse, Jo. "Modelling probabilistic agent opinion." In JRSS Ser. B 54 (1992), No. 1, 285-299; MR 93d (April 1993), p. 2165, Rev. #62006.
- R 2111. Review of Shaw-Hwa Lo. "From the species problem to a general coverage problem via a new interpretation." In Ann. Statist. 20 (1992), 1094-1109; MR 93g (July 1993), p. 3889, Rev. #62056.

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- I 2112. Letter concerning abortion in Mensa Bulletin, No. 361 (November 1992), p. 13.
- IP 2114. "Refutation and rejection versus inexactification, and other comments concerning terminology." C397, JSCS 47, No. 1 (1993), 91-92.
- IP 2115. "P-values, luck and surprise." C398, JSCS 47, No. 1 (1993), 92-94.
- P 2116A. "A symmetry property of alternating sums of products of reciprocals", Fibonacci Q. 32 (June-July 1994), 284-287.
- P & TR 2117H. "Enigma and Fish," the version in the paperback edn. of Codebreakers (1994), pp. 149-166. Contains an important correction at the top of page 156 supplied by Joan Clarke Murray. O.U.P didn't publish the fact that the paperback was better than the hardback because they didn't want to undermine the sale of the hardback which was a best seller.
- TR & P 2118. "Trigonometrical factorization of the Fibonacci and Lucas numbers, and sums of powers of cotangents." Tech. Rep. 93-3 C399, JSCS 47, No. 1 (1993), 94-99.
- IP 2119. Contribution to the discussion of Henry E. Kyburg. "Believing on the basis of the evidence," Computational Intelligence 10, No. 1 (1996), 57-58.
- P & TR 2117H. "Enigma and Fish," the version in the paperback edn. of Codebreakers (1994), pp. 149-166.
- P 2120A. "Napoleon's theorem, Shakespeare's theorem, and Desargue's theorem" Virginia J. Sc. 44, No. 3, (1993), 269-274.
- P & TR 2123. "A fourth argument for the explication of causal tendency", C415 in JSCS 49 (1994), 249-250, and Tech. Rep. 93-7 (May 17),
- IP 2125. "Limited competition" (editor's title), a letter in ICCA Journal 16, No. 2 (June 1993), 118. (International Computer Chess Association.)
- P 2127A. Same title as #2127, but updated. Physics essays 7, No. 4 (Dec.1994), 436-441. (See # 2211.)
- IP 2128. "Fibonacci numbers and trigonometry, C416 in JSCS 49 (1994), 237.
- IP 2130. "The flybutter effect: the obverse of the butterfly effect", C417 in JSCS 49 (1994), 237-238.
- TR 2131. Updated notes for a colloquium on Probabilistic Causality in the Statistics Dept., Va Tech on September 23, 1993; pp. 16, TR 93-17.
- 2132A. (Not by me.) " 'Good Talking': New ASA Distinguished Statistician Videotape Now Available", Harry O. Posten, Project Director, ASA's Project for Filming Distinguished Statisticians, AMSTAT NEWS, No. 208 (April 1994), p. 14.
- BR 2134. Review of William R. Corliss (compiler), Biological Anomalies: Humans I (The Sourcebook Project, P.O. Box 107, Glen Arm, MD, 21057; 1992); The Journal of Scientific Exploration 8, No. 2 (1994), 287-288.
- P 2135. "A key to the topic-independent philosophy of science", C419 in JSCS 49 (1994), 239-240.
- TR 2136. "From equilibrium to chaos: the shaving of a fuzzy conjecture", notes for a talk in the

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Statistics Dept. of Va. Tech. Research Seminar on March 24, 1993.

- IP 2137. "An unethical explanation of Stigler's law" AMSTAT News (March 1994), 17.
- IP 2139. "The existence of sharp hypotheses", C420 in JSCS 49 (1994), 241-242.
- IP 2140. "Turing's little theorem is not really paradoxical", C421 in JSCS 49 (1994), 242-244.
- IP 2141. "A comment on the evaluation of numerology", C407.5 in JSCS 49 (1994), 216-217. (Printed as C407 by my error.) (See #1894.)
- IP 2142. "Fuzzy probability and hierarchical Bayes", C418 in JSCS 49 (1994), 238-239.
- IP 2143. "A comment on the Wilcoxon sign-rank and a conjecture concerning hypothyroidism", C423 in JSCS 49 (1994), 249-250. (The cardiologist Dr. Larry Bernstein said the conjecture was reasonable.)
- IP 2144. "Significance tests: are they more important in science than in technology?" C424 in JSCS 49 (1994), 250-251.
- IP 2146. "Rationality versus minimax", C426 in JSCS 49 (1994), 253.
- IP 2147. =2.5. Abstracts of my Ph.D. thesis of 1940/1941.
- P 2148. "The transformation of a function into four functions", Part III of my Ph.D. thesis of 1940/41. Handwritten, being pages 146-187 of my thesis.
2149. "Backward time in a branching universe", Feb. 2, 1994 Rewritten as #2177.
- IP 2150. "A non-sexist pronoun", Mensa Bulletin, No. 375 (April 1994), 9.
2151. A conjecture about twin primes. A letter to Donald Michie, Feb. 3, 1994.
2152. Comments concerning an article by Ian Stewart on "Number mysticism for the modern age". My letter was dated Jan. 11, 1994.
2154. "An absolutely hilarious example of the anthropic principle", a letter dated Dec. 10, 1993 offered to Mensa Bulletin.
2155. "Through a glass darkly", a letter offered to the Mensa Bulletin Dated January 10, 1994.
- R 2157. Review of Stone, Richard, "The assumptions on which causal inferences rest", JRSSB 55, 455-466; MR 95F (June 1995), pp. 3546-47, Rev. no. 95F: 62007.
- TR 2158. "Legal responsibility and causation" Tech. Rep. 94-4. June 7, 1994.
2161. Erratum to "Note on the summation of a classical divergent series". JLMS. 16 (1941). 180-181. (See #4).
- IP 2162. Contribution to the discussion of David L. Donoho, Iaian M. Johnstone, Gerard Kerkyacharian and Dominique Picard, "Wavelet Shrinkage: asymptopia", JRSSB 57, No. 2 (1995), 355. [Authors' replies on pp. 364 and 365.]
- IP 2163. "Trinomial random walk", pi mu epsilon J.
- I 2164. "Denoted x" pi mu epsilon J.

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- TR 2166. The partly-baked ideas published under my editorship in the Mensa Journal and the Mensa Bulletin during 1968-1980, together with three indexes. (A form of this report was bound as number 1388 in my collected papers, but was a poor copy and had no index.) "Partly-baked ideas, 28 column in the Mensa Journal and Bulletin" TR 94-12 (Oct. 3, 1994), 74 pages.
2167. DNA profiling: correspondence, etc.
- IP 2168. "A comment concerning physical numerology", C435 in JSCS 52, No. 2 (1995), 190-191.
2169. "A convexity property of potential value when smoothing the frequencies of frequencies in the species sampling problem", C... in JSCS. Not written up as of June 2003.
- IP 2170. "An apology related to blurred hypotheses", C436 in JSCS 52, No. 2 (1995), 191-192.
- JP 2171. J.F. Crook and IJG "The computation of a Bayes factor against independence in contingency tables", ALG 566R5, JRSSC 45, No. 2 (1996), 255-274. (See # 1657.)
- IP 2172. "Reliability always depends on probability of course", C438 in JSCS 52 No. 2 (1995), 192-193.
- I 2173. "Haphazardness is not randomness; and the defeat of Hitler", C437 in JSCS 52 No. 2 (1995), 192.
- P 2174A. (2174 retitled by the editor.) "On the theory of high-velocity particles: a comment". For The International Journal of Theoretical Physics 34, No. 3 (1995), 453-454.
- I 2175. Biography for Biographies for Computer Pioneers (IEEE Computer Society Press, October 1994).
2177. "Backward time in a branching universe." January 9, 1995. The editor of Speculation in Science and Technology wanted a more explanatory version but, as of June 2003, I haven't rewritten it again. (See #2149.)
- P 2180. "Dual density functions" C439 in JSCS 52, No. 2 (1995), 193-194.
- 2180A. Correspondence with Sam Kotz concerning #2180. January 1996.
2181. Artificial DNA. An unpublished letter to Science News, Dec. 2, 1994. Refers to L.S. Penrose.
2182. Why it is a mistake to work on two big projects at the same time. Nov. 20, 1994.
- TR & P 2183. "Lorentz matrices: a review", Intl. J. Theor. Physics, 34, No. 5 (May 1995), 779-799.
- 2183.5. "Fallacious attacks on the self-consistency of the kinematics of special relativity", typescript, July 12, 1995, two pages.
- IP 2184A. "F. Marshall vs. Akiba Rubinstein, Lodz, 1908", Chess Life 50, No. 9 (Sept. 1995), p. 17 or 729 retitled "Kaleidoscopic mate" by Larry Evans.
- R 2185. Review of Clarke, Bertrand S. and Andrew A. Barron, "Jeffreys' prior is asymptotically least favorable under entropy risk", J. Statist. Planning and Inference 41 (1994), No. 1, pp. 37-60; MR 95K (1995), p. 6875, Rev. # 62011.
- IP 2189. "Varieties of the regression fallacy", F46 in JSPI 55, No. 3 (1996), 260. (See #1866.)

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2190. Material concerning Alan Dershowitz's misleading comment regarding the murder of battered wives. A letter to Marcia Clark, March 14, 1995. See also my file labeled DERSHOWITZ.
- TR 2190A. "The probability that a batterer was the murderer", Tech. Rep. #95-2, March 21, 1995. (See 2230A.)
- 2190B. Tech Rep. #95-2A, April 21, 1995. A refinement of Tech. Rep. #95-2.
- P 2190C. "The probability that the batterer was the murderer". (This is #2190B with the Appendix omitted and the main text slightly modified accordingly.) The editors changed the title to "When a batterer turns murderer", Nature 375 (June 15, 1995), 541. (See #2230.)
- I 2190D. A letter concerning the probability that a wife-batterer is guilty of murder. In Mensa Bulletin, No. 387 (June 1995), p. 6.
- 2190E. 2190A as prepared for RSS News. (See #2190EA.)
- 2190EA. "The defender's fallacy" (heading by the correspondence editor, Ian Puzey), RSS News 23, No. 2 (October 1995), 4-5. (See #2245.)
- 2190F. A report by Kathy Sawyer on #2190C in The Washington Post 118<sup>th</sup> year, No. 196 (June 19, 1995), p. 2
- Inter. 2190G. Telephone interview on Radio Free Gloria, KABC Talk Radio, July 10, 1995, c. 7:30 p.m.
- Inter. 2191. (Not by me.) 50 years after breaking the codes, interviews with two of the Bletchley Park scientists", by John A.N. Lee and Golde Holtzman, IEEE Annals of the History of Computing, 17, 32-43. This is a report of an interview with Donald Michie and myself.
- 2191A. Corrections by me, March 23, 1995; a memo to Lee & Holtzman, one page.
- 2191D. IJG and Donald Michie. A disclaimer re #2191.
- R 2193. Review of Bruce M. Hill, "Dutch books, the Jeffreys-Savage theory of hypothesis testing and Bayesian reliability", in Reliability and decision making (Siena, 1990), Chapman and Hall: London (1993), 31-85; MR 96m (1996), p. 7708, Rev. No. 62007.
- C. 2195. Contribution to the discussion of Peter Walley, "Inferences from multivariate data: learning about a bag of marbles", JRSS B 58, No. 1 (1996), 45.
- P 2200. "Legal responsibilities and causation", (Jan. 1997), in Machine Intelligence 15, Furukawa, K; Michie, D.; and Muggleton, S.; eds. 1999, 25-59. Oxford University Press.
- 2200 B. "Causation in the law: necessitude and sufficitude", a lecture at the 75<sup>th</sup> Annual Meeting of the Virginia Academy of Science. Abstract in Va. J. Sc. 48, No. 2 (Summer 97), p. 160.
- 2200 C. Errata for #2200, and offer of a prize.
- TR & P 2201. (A brief history of FFTs.) Introduction to Cooley and Tukey (1965). For Breakthroughs in Statistics, Vol. 3 (edited by Samuel Kotz and Norman L. Johnson; Springer, New York, 1997) 201-211, TR 97-6. (See #'s 146, 209, and 708.)
- R 2203. Review of Richard E. Barlow and Max B. Mendel. "The operational Bayesian approach",

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- in "Aspect of Uncertainty" (Wiley 1994), 19-28; MR 95k (1995), p. 6873, Rev. No. 62004.
- IP 2207. "An advantage of knowing Latin", Mensa Bulletin, No. 388 (July/August 1995), p. 6.
- IP 2208. "Triple quotes," Mensa Bulletin (Oct. 1995), No. 390, p. 8.
- P 2211. "The self-consistency of the kinematics of special relativity, II" Physics Essays 10 No. 2 (1997), 327-333. (See #s 2127A, 2219.)
2213. A letter from Chris Harding published in NOESIS, No. 103, March 1995, page 6. (The Journal of the Mega Society.)
- TR & P 2219. "The self-consistency of the kinematics of special relativity, III" Physics Essays 10, No. 3 (Sept. 1997), 454-465. (See #'s 2127A., 2211, and 2265.) = TR 97-2.
2220. Correspondence with Ian Stewart re "tripless sequences" (1997). I don't know whether he referred to it in Scientific American.
- P 2222. "The roughness of visitations in a Markov chain, a review with extensions," in Advances in the Theory and Practice of Statistics: a Volume in Honor of Samuel Kotz (N.L. Johnson and N. Balakrishnan, eds.; John Wiley, 1997), 67-87.
- IP 2224. "An inconsistency in Phipps's kinematic theory", Physics Essays 10, No. 1 (March 1997), 164.
- P 2230. "When batterer becomes murderer" Nature 381 (June 6, 1996), 481. (See #2190C, 2240.)
- IP & R 2232. Review of P.L. Davies, "Data features" in Statistica Neerlandica (1995) vol. 49, no. 2, pp. 185-245; MR 97d (April 1997) Rev. No. 62002, pp. 2518-2519.
- IP 2237. "A reply to C444", C445 in JSCS 55 No. 3, (1996), 265-266.
- TR & P 2240. "Bayes factors, batterers, murderers, and barristers", to be translated into Italian for KOS (Milan.) TR96-4. (See #2230.)
- TR & P 2240A. Italian translation of #2240. KOS, nuova ser. No. 131/132 (Agosto/Septembre 1996), 25-29. "Fattori di Bayes, Mariti violenti, assassini ed arrogati", TR 96-4.
- Inter. 2241. Interview of me by David Banks, Statistical Science 11, No. 1 (1996), 1-19. Title "A conversation with I.J. Good."
2245. "Defender's fallacy", RSS News 24, No. 1 (1996), 8. (See #'s 2190EA, 2230, and 2240 etc.)
- IP 2256A. "In defense of battered women", Mensa Bulletin No. 406 (May 1997), p. 9.
- I 2257. Endorsement of George Dyson's "Darwin Among the Machines: the Evolution of Global Intelligence". (Addison-Wesley, 1997). On the dust cover.
- I 2258. "A question about F44", JSPI 55, No. 3 (1996), 258.
- I 2259. "A comment on F49", JSPI 55 (1996), 264.
- P 2261A. "The excess of even numbers of carbon atoms in organic compounds, and Eddington's Fisherman's Fallacy: Dogs, Hot Dogs, and Astronomers", C446 in JSCS 60 No. 2 (1998)

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157-160.

- TR 2262. "Reduplicative words: repetitive and somewhat repetitive", TR 98-1 (Jan. 1998), 44 pp.
- P 2262A. "Some features of reduplicative words", C454 in JSCS 61 No. 4 292-297. (See #2329)
- BR & P 2264. "Bayes factors, weights of evidence and the law", a book review article of Joseph B. Kadane & David A. Schum, "A probabilistic Analysis of the Sacco and Vanzetti Evidence" (New York: Wiley, 1966). JSPI 64 (1997), 171-191.
- I 2264AA. Erratum to 'Bayes factors, weights of evidence and the law', J. Statist. Plann. Inference 64 (1997), 171-191. In JSPI 75 (1998), 173. Neither I nor the book review editor were responsible for any of the ten known misprints.
- P 2265. "The self-consistency of the kinematics of the special theory of relativity, IV", Physics Essays 11 No. 2 (June 1998), 248-263.
- P 2265B. Erratum to I.J. Good "The self-consistency of the kinematics of special relativity, IV", Physics Essays 11 No. 2, 248-263; 12 No. 1, 190.
- R 2268. Review of R.B. Holmes and L.K. Jones "On uniform generation of two-way tables with fixed margins and the conditional volume test of Diaconis and Efron", Ann. Stat. 24 (1996), 64-68. MR.
2273. Notes for an obituary for Joan Clarke Murray. File: Murray.
- IP 2274. "A refutation of a refutation of the Lorentzian transformation", Apeiron 4, No. 4 (Oct. 1997), 126.
- IP 2275. "Yet another obscure attack on the special theory of relativity", Apeiron 4, No. 4 (Oct. 1997), 132.
- P 2276. "Fairwell  $Xu^2$ ", Apeiron 4, No. 4 (Oct.1997), 130.
- IP 2277. "Untrained intuition and the special theory of relativity", Apeiron 4, No. 4 (Oct. 1997.), 131-132.
- P 2278. "Clock rates in the special theory of relativity", Apeiron 4, No. 4 (Oct. 1997), 127.
- R 2281. Review of Peter Walley, "Inferences from multinomial data: learning from a bag of marbles", JRSS B 58 (1996), 3-57: MR....
- I 2283. Abstract of a talk delivered at meetings of the Virginia Academy of Science in Blacksburg on May 23, 1997, "Causation in the Law: necessitude and sufficitude", Virginia J. Science 48 No. 2 (1997), 160.
- P 2285. "Why relative speeds and relative clock rates don't form groups", Apeiron 5 Nos. 1-2, 107-111. (This is my response to a revised document by Phipps, Apeiron, 4, 81.)
- BR 2286. Book rev. of Dean Radin, "The Conscious Universe" The title of the Review was "Where has the billion trillion gone?" Nature 389 (Oct. 23, 97), 806-807. The editor removed the Reference list thus damaging the review. Another editor's error was corrected in a later issue. I had a lot of unpublished correspondence later.
- P 2288. "Einstein was not so erroneous", Apeiron 5 Nos. 1-2 (1998), 113-115.

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- P 2289. "Campbell's length experiment revisited", Apeiron 5 Nos. 1-2, 111-113.
- P 2290. "Reply to Walton", Apeiron 5 Nos. 1-2 (1998) 115-116.
- P 2291. "Further debate about the Lorentz transformation", Apeiron 5 Nos. 1-2 (1998), 116-121.
- R 2292. Review of Persi Diaconis and Susan Holmes, "Are there still things to do in Bayesian Statistics?" MR.....
- P 2293. "'Establishment Thinking', a reply to Chappell" Apeiron 5 Nos. 3/4 (July/Oct. 98), 242-244.
- I 2294. "Walton vs. Good, concluded?", Apeiron 5 Nos. 3/4 (July/Oct. 98), 246.
- P 2295. "'Refutations' a reply to Xu Shaozhi", Apeiron 5 Nos. 3/4 244-246.
- P 2297. "The 3D monocular effect: an addendum" C445 in JSCS 61 No.4 (1998), 297-304.
- IP 2298. "Half-time celebrations", Mensa Bulletin, No. 416 (May 1998), p. 9.
- P 2303. "Attempts by Xu(s) to refute the self-consistency of the Lorentz transformation", Apeiron 6 Nos. 1 and 2 (Jan./Feb. 1999), 144-146.
- P 2304. "Campbelian reasoning", Apeiron 6 Nos. 1 and 2 (Jan./Feb. 1999), 143-144.
- P 2305. "A correction to one of Einstein's derivations of the Lorentz transformation" Physics Essays 13 No.4, 580-586 (Dec. 2000). Appeared Nov. 2001. ('Received' Feb. 9, 1999.)
- I 2307. "I relinquish the floor to Xu" Apeiron 6 Nos. 3/4 (1999), 250.
- IP 2308. "Is Newton's law of gravitation self-contradictory?" Apeiron 6 Nos. 3/4, 250-251.
- IP 2310. "Time" (letter editor's heading), Mensa Bulletin (April 1999), No. 425, p. 8.
2311. "Monte Carlo method", McGraw-Hill Encyclopedia of Science and Technology, ninth edition. An updating of #195 and 195B which were for the first and third editions. Typoscript dated April 30, 1999. Revision dated May 4, 1999. TR 99-6.
2312. Comments on Lavine and Shervish (1999). The American Statistician 55 (May 2001), 173-174.
- P 2314. "Turing's anticipation of Empirical Bayes in connection with the cryptanalysis of the Naval Enigma". Title and abstract for my talk on August 14, 1999 for the 50<sup>th</sup> Anniversary Conference of the Statistics Department of Virginia Tech. JSCS Special Issue 66 (2000), 101-111.
2321. "My closing argument with Xu Shaozhi", Apeiron.
2323. "Global and individual coincidences and a generalized birthday problem", C464 in JSCS 72 No. 1 (2002), 18-21.
2324. "Necessitude, sufficitude, hypothetical history: and the relatedness of history to forensic matters". C465 in JSCS 72 No. 1 (2002), 21-23.
2325. "A response to Chappell's last word", Apeiron 7 Nos. 3-4 (July-Oct. 2000), 239-241.

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2326. Brian Randell's letter to me dated November 26, 1975.
- R 2327. Review of Freedman, David, "Some issues in the foundations of statistics" With Comments, in Topics in the Foundations of Statistics, 19-39, 41-67, and 69-83 Kluwer Acad. Publ. Dordrecht, 1997. MR.....
2328. "Closing argument with Xu: a postscript", Apeiron 7 Nos. 3-4 (July-Oct. 2000), p. 239.
2329. Bible Babble (June 4, 2000) an unpublished letter dated June 5, 2000, addressed to Science News. (See #2262A.)
- R 2332. Rev. of Andrew R. Barron, "Information-theoretic characterization of Bayes Performance and the choice of priors in parametric and nonparametric problems", in Bayesian Statistics, 6 (Alcoceber, 1998) 27-52 (with discussion), Oxford University Press, New York, 1999.
2335. Biography of me from Computer Pioneers by J.A.N. Lee (IEEE Computer Press, Los Alamitos, CA, 1995), 328-334.
2340. "Is a random dinner a random variable?" C468 in JSCS 72, No. 1, 29-30.
2341. "Weight of evidence is analogous to income", C469 in JSCS 72, 30-31.
- P 2343A. "The self-consistency of the kinematics of special relativity PartV(A)" Physics Essays 16 (1) March 2003, but the actual publication date will be: ('received' July 17, 2001).
2347. "The first game of randomized chess played in a regular chess match." CHESS Monthly 63 No. 5 (August 1998), 30-31 & 33-37. See Publication #41.
2349. Entry in the Millennium Time Capsule (International Biographical Centre, Cambridge, England, 2001). The Time Capsule Commission sent me a small replica of the capsule. The capsule is to be opened in 50 or 100 years time.
- P 2353. Comment concerning "Minimum cost sequential analysis" an unpublished manuscript by A.M. Turing. In Collected Works of A.M. Turing: Mathematical Logic (R.O. Gandy and CE.M. Yates, eds.; Elsevier, Amsterdam, 2001), 255-257.
2355. Review by M.C. Jones of P.P. B. Egermont & V.N. Lariccia Maximum Penalized Likelihood Estimation, Volume 1, Density Estimation (2001), Biometrics (March 2002), 259-260.
- TR 2356. "From Hut 8 to the Newmanry" to be converted into a few chapters for the book *Colossus: the First Electronic Computer*, edited by Jack Copeland. See his letter to me dated November 23, 2001 (Oxford University Press, scheduled for 2003). TR 02-3 (July 1, 2002), pp. 47.
- P 2356A. "From Hut 8 to the Newmanry", various chapters for Copeland's book.
- R 2359. "Enigma, the film and the book". Unpublished. Get the date.
- P 2361. "Stradling the interquantile range", C473 in JSCS 73 (8) (2003), 612-616.
- IP 2368. "Refutation of another seeming refutation of special relativity" received Nov. 28, 2002, accepted on Jan. 27, 2003 [\$120 sent on Feb. 12, 2003 for page charges," ch. #5683.]

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RE PUB. 2371. Republication of #701 in *Biometrika: One Hundred Years* (D.M. Titterton and D. R. Cox, eds.: Oxford University Press, 2001), pp. 359-381. See also pp. 144-145.

P 2378. "The accumulation of imprecise weights of evidence", prepared for the ISIPTA-03 conference (the 2003 International Symposium on Imprecise Probabilities and Their Applications) in Lugano, Switzerland, July 14-17, 2003. I couldn't travel but was invited to send the article. It was distributed to all delegates. For further details see my e-mail communication with the organizers Teddy Seidenfeld, Jean-Marc Bernard, and Marco Zeffalon, as filed in the binder labeled ISIPTA-03. The proceedings will be published on the Web.