The analysis of yarn irregularity. Proc. Internat. Wool Textile Org. 1 (1947), 251 (with M J Townsend).

2. Theory of fibre motion. Wool Industries Res. Assn., 1948.

3. Fibre movement in drafting. J. Textile Inst. 39 (1948), T230.

4. A note on the asymptotic distribution of range. Biometrika 35 (1948), 310.

5. The use of the correlogram in measuring yarn irregularity. Proc. Internat. Wool Textile Org. 2 (1948), 28.

6. Theory of drafting of wool slivers. I. Proc. Roy. Soc. A 197 (1949), 28.7. Use of the range in sequential analysis. J. R. Statist. Soc. B 11 (1949), 101.

8. An outline of statistical methods for use in the textile industry. Leeds: Wool Industries Res. Assn. 1st ed. 1949, 5th ed. 1960 (with A Brearley).
9. Some causes of irregularity in worsted drawing and spinning. J. Textile Inst. 41 (1950), T376 (with J Ingham).

10. The relation between strength and diameter of wool fibres. J. Textile Inst. 41 (1950), T481 (with S L Anderson).

11. Improved doubling methods in worsted drawing. W.I.R.A. Bulletin 13 (1950), 57 (with G F Raper).

12. The productivity of machines requiring attention at random intervals. J. R. Statist. Soc. B 13 (1951), 65 (with F Benson).

13. Some systematic experimental designs. Biometrika 38 (1951), 312.

14. Designing an industrial experiment. Textile Recorder 69 (1951), 87.

15. Experimentation in the textile industry. Wool Review 23 (1952), 39 (with A Brearley).

16. The inter-fibre pressure in slivers confined in rectangular grooves. J. Textile Inst. 43 (1952), 87.

17. Estimation by double sampling. Biometrika 39 (1952), 217.

18. Sequential tests for composite hypotheses. Proc. Camb. Phil. Soc. 48 (1952) 290.

19. A note on the sequential estimation of means. Proc. Camb. Phil. Soc. 48 (1952), 447.

20. Some rheological properties of twistless combed wool slivers. J. Textile Inst. 43 (1952), T362 (with S L Anderson and L D Hardy).

21. Some recent work on systematic experimental designs. J. R. Statis. Soc. B 14 (1952), 211.

22. The relationship between required test factors and strength variation.Selected Government Research Reports 6 (1952), 19 (with R D Starkey).23. The relationship between required test factors and strength variation in

the case of two types of failure. Selected Reports 6 (1952), 19.

24. The effect of skewness of the frequency distribution on the relationship between required test factors and strength variation. Selected Government Research Reports 6 (1952), 39.

25. Strength requirements for spot welds. Selected Government Research Reports 6 (1952), 189 (with P E Montagnon and R D Starkey).

26. The superimposition of several strictly periodic sequences of events. Biometrika 40 (1953), 1 (with W L Smith).

27. Some simple approximate tests for Poisson variates. Biometrika 40 (1953), 354.

28. A direct proof of a fundamental theorem of renewal theory. Scand. Aktuartidskr., 36 (1953), 139 (with W L Smith).

29. Some statistical aspects of mixing and blending. J. Textile Inst. 45 (1954).

30. On the superposition of renewal processes. Biometrika 41 (1954), 91 (with W L Smith).

31. A note on the formal use of complex probabilities in the theory of stochastic processes. Proc. Internat. Math. Congress, Amsterdam, 1954.
32. The design of an experiment in which certain treatment arrangements are inadmissible. Biometrika 41 (1954), 287.

33. The mean and coefficient of variation of range in small samples from non-normal populations. Biometrika 41 (1954), 469.

34. A table for predicting the production from a group of machines under the care of one operative. J. R. Statist. Soc. B 16 (1954), 285.

35. Some quick sign tests for trend in location and dispersion. Biometrika 42 (1955), 80 (with A Stuart).

36. A use of complex probabilities in the theory of stochastic processes. Proc. Camb. Phil. Soc. 51 (1955), 313.

37. The analysis of non-Markovian stochastic processes by the inclusion of supplementary variables. Proc. Camb. Phil. Soc. 51 (1955), 433.

38. Prevision de la production d'un groupe de machines surveillees par an executant. Les Cahiers du Bureau des Temps Elementaires (1955) No. 503-02, 1955.

39. Some statistical methods connected with series of events (with discussion). J. R. Statist. Soc. B 17 (1955), 129.

40 The statistical analysis of congestion. J. R. Statist. Soc. A 118 (1955), 324.

41. A note on weighted randomization. Ann. Math. Statist. 27 (1956), 1144.

42. A note on the theory of quick tests. Biometrika 43 (1956), 478.

43. On the distribution of Tribolium confusum in a container. Biometrika 44 (1957), 28 (with W L Smith).

44. The use of a concomitant variable in selecting an experimental design. Biometrika 44 (1957), 150.

45. Note on grouping. J. Amer. Statist. Ass. 52 (1957), 543.

46. The regression analysis of binary sequences (with discussion). J. R. Statist. Soc. B 20 (1958), 215.

47. Some problems connected with statistical inference. Ann. Math. Statist. 29 (1958), 357.

48. The interpretation of the effects of non-additivity in the Latin square. Biometrika 45 (1958), 69.

49. Planning of Experiments. New York: Wiley, 1958.

50. Two further applications of a model for binary regression. Biometrika 45 (1958), 562.

51. A renewal problem with bulk ordering of components. J. R. Statist. Soc. B 21 (1959), 180.

52. On a discriminatory problem connected with the works of Plato. J. R. Statist. Soc. B 21 (1959), 95 (with L Brandwood).

53. The analysis of exponentially distributed life-times with two types of failure. J. R. Statist. Soc. B 21 (1959), 411.

54. Regression analysis when there is prior information about supplementary variables. J. R. Statist. Soc. B 22 (1960), 172.

55. A note on tests of homogeneity applied after sequential sampling. J. R. Statist. Soc. B 22 (1960), 368.

56. Serial sampling acceptance schemes derived from Bayes's theorem. Technometrics 2 (1960), 353.

57. On the number of renewals in a random interval. Biometrika 47 (1960), 449.

58. Design of experiments: the control of error. J. R. Statist. Soc. A 124 (1961), 44.

59. Tests of separate families of hypotheses. Proc. 4th Berkeley Symposium (1961), 105.

60. A simple congestion system with incomplete service. J. R. Statist. Soc. B 23 (1961), 215.

61. Prediction by exponentially weighted moving averages and related methods. J. R. Statist. Soc. B 23 (1961).

62. The role of statistical methods in science and technology. Inaugural

lecture, Birkbeck College, 1961.

63. The economy of planned investigations. Proc. 4th Internat. Conf. European Org. for Quality Control, 1960.

64. Queues. London: Methuen, 1961 (with W L Smith).

65. The foundations of statistical inference. London: Methuen (with G A Barnard, eds.), 1961.

66. The theory of a method of production scheduling when there are many products. Operat. Res. Quart. 13 (1962), 309 (with W N Jessop).

67. Further results on tests of separate families of hypotheses. J. R. Statist. Soc. B 24 (1962), 406.

68. The use of control observations as an alternative to incomplete block designs. J. R. Statist. Soc. B 25 (1962), 464 (with M Atiqullah).

69. Some systematic supersaturated designs. Technometrics 4 (1962), 489 (with K H V Booth).

70. Renewal Theory. London: Methuen, 1962.

71. Large sample sequential tests for composite hypotheses. Sankhya A 25 (1963), 5.

72. Some applications of exponential ordered scores. J. R. Statist. Soc. B 26 (1964), 103.

73. An analysis of transformations (with discussion) J. R. Statist. Soc. B 26 (1964), 211 (with G E P Box).

74. Some models for series of events. Bulletin of ISI 2 (1963), 737.

75. Industrial applications of statistics. Chambers Encyclopaedia, 1966.

76. Queues. International Encyclopaedia of Social Sciences. New York: McMillan, 1968.

77. The Theory of Stochastic Processes. London: Methuen. 1965 (with H D Miller).

78. Statistical Analysis of Series of Events. London: Methuen, 1966 (with P A W Lewis).

79. A remark on multiple comparison methods. Technometrics 7 (1965), 223.

80. On the estimation of the intensity function of a stationary point process. J. R. Statist. Soc. B 27 (1965), 332.

81. Some procedures connected with the logistic qualitative response curve. In Research papers in probability and statistics (ed. F N David). Wiley: London, 1966.

82. Some problems of statistical analysis connected with congestion. Proc. North Carolina Conference on Congestion Theory, 189, 1966.

83. A simple example of a comparison involving quantal data. Biometrika 53

(1966), 215.

84. A note on the graphical analysis of multidimensional contingency tables. Technometrics 9 (1967), 481 (with E.Lauh).

85. Notes on the analysis of mixed frequency distributions. Brit. J. Math. Statist. Psych. 19 (1966), 39.

86. On the null distribution of the first serial correlation coefficient. Biometrika 53 (1966), 623.

87. A note on the analysis of a type of reliability trial. J SIAM App. Math. 14 (1966), 623.

88. A note on the analysis of a partially confounded 2=3 experiment. Technometrics 9 (1967), 170 (with A M Herzberg).

89. Fieller's theorem and a generalization. Biometrika 54 (1967), 567.

90. A statistical analysis of telephone circuit error data. IEEE Trans.

Commun. Technology 14, 382 (with P A W Lewis).

91. Discrimination between alternative binary response models. Biometrika 54 (1967), 573 (with E A Chambers).

92. Inaugural lecture, Imperial College: Some statistical concepts and their application. 1967.

93. A general definition of residuals (with discussion). J. R. Statist. Soc. B 30 (1968), 248 (with E J Snell).

94. Notes on some aspects of regression analysis (with discussion). J. R. Statist. Soc. A 131 (1968), 265.

95. A note on the efficiency of least-squares estimates. J. R. Statist. Soc. B 30 (1968), 841 (with D V Hinkley).

96. The Analysis of Binary Data. London: Methuen, 1970.

97. Some properties of multiserver queues with appointments (with

discussion). J. R. Statist. Soc. A 133 (1970), 1 (with D V Hinkley).

98. Some sampling problems in technology. In New Developments in Survey Sampling, 1969, 506. New York: Wiley.

99. Recent work in design of experiments: a bibliography and a review. J. R. Statist. Soc. A 132 (1969), 29 (with A M Herzberg).

100. Some results connected with the logistic binary response model. Bull. ISI, 42 (1969), 238.

101. On distributions and their transformations to normality. J. R. Statist.

Soc. B (with N.R.Draper)

102. The continuity correction. Biometrika 57 (1970), 217.

103. Some aspects of life tables. Bull. ISI 44 (1971), 148.

104. On test statistics calculated from residuals. Biometrika 58 (1971), 589

(with E J Snell).

105. The choice between alternative ancillary statistics. J. R. Statist. Soc. B 33 (1971), 251.

106. Multivariate point processes. Proc. 6th Berkeley Symposium, 3 (1971), 481 (with P A W Lewis).

107. A note on polynomial response functions for mixtures. Biometrika 58 (1971), 155.

108. Regression models and life tables (with discussion). J. R. Statist. Soc. B 34 (1972), 187.

109. On a statistical problem of A E Milne. Proc. R. Soc. A 331 (1972), 273 (with A M Herzberg).

110. The analysis of multivariate binary data. J. R. Statist. Soc. C 21 (1972), 113.

111. Some optimal designs for interpolation and extrapolation. Biometrika 59 (1972), 551 (with A M Herzberg).

112. The statistical analysis of dependencies in point processes. In Stochastic Point Processes, 1972, 55, New York: Wiley.

113. A low traffic approximation for queues. J. Appl. Prob. 9 (1972), 832 (with P Bloomfield).

114. The linear model in statistical analysis. Brit. Psych. Soc. Read at course in Stat. Analysis, Harrogate. Dec. 1971. B.P.S.

115. The choice of variables in observational studies. J. R. Statist. Soc. C 23 (1974), 51 (with E J Snell).

116. Prediction intervals and empirical Bayes confidence intervals. Persp. on Prob. and Statist. (1975), 47.

117. Theoretical Statistics. London: Chapman and Hall, 1974 (with D V Hinkley).

118. Planning experiments for discriminating between models (with discussion) J. R. Statist. Soc. B 36 (1974), 321 (with A C Atkinson). 119. A note on data-splitting for the evaluation of significance levels.

Biometrika 62 (1975), 441.

120. Partial likelihood. Biometrika 62 (1975), 269.

121. A note on partially Bayes inference and the linear model. Biometrika 62 (1975), 651.

122. Design and analysis of randomized clinical trials requiring prolonged observation of each patient. I. Design. Brit. J. Cancer 34 (1976), 585 (with R Peto, M Pike and 7 others).

123. Design and analysis of randomized clinical trials requiring prolonged observation of each patient. II Analysis. Brit. J. Cancer 35 (1977), 1 (with R

Peto, M Pike and 7 others).

124. A note on empirical Bayes inference in a finite Poisson process. Biometrika 62 (1975), 709.

125. Nonlinear models, residuals and transformations. Math.

Operationsforch. Statist. 8 (1977), 3.

126. The role of significance tests (with discussion). Scand. J. Statist. 4 (1977), 49.

127. Robust regression via discriminant analysis. Biometrika 64 (1977), 15 (with A C Atkinson).

128. A bivariate point process connected with electronic counters. Proc. R. Soc. A 356 (1977), 149 (with V Isham).

129. Some remarks on the role in statistics of graphical methods. J. R. Statist. Soc. C 27 (1978), 4.

130. Testing multivariate normality. Biometrika 65 (1978), 263 (with N J H Small).

131. Foundations of statistical inference: the case for eclecticism. J. Australian Statistical Soc. 20 (1978), 43.

132. Problems and Solutions in Theoretical Statistics. London: Chapman and Hall, 1978 (with D V Hinkley).

133. On sampling with the estimation of rare errors. Biometrika 66 (1979), 125 (with E J Snell).

134. The teaching of the strategy of statistic. Bull. ISI 42 (1977), 552.

135. Series expansions for the properties of a birth process of controlled variability. J. Appl. Prob. 15 (1978), 610 (with V Isham).

136. Asymptotic and conditional inference: some general concepts and recent developments. Hotelling Memorial Lectures. Institute of Statistics, North Carolina, 1979.

137. Edgeworth and saddle-point approximations with statistical applications (with discussion). J. R. Statist. Soc. B 41 (1979), 279 (with O Barndorff-Nielsen).

138. Point Processes. London: Chapman and Hall, 1979 (with V Isham).139. A note on the graphical analysis of survival data. Biometrika 66 (1979),188.

140. A note on multiple time scales in life testing. J. R. Statist. Soc. C 28 (1979), 73 (with V T Farewell).

141. A remark on systematic Latin squares. J. R. Statist. Soc. B 41 (1979), 388.

142. Local ancillarity. Biometrika 67 (1980), 279.

143. Queues. International Encyclopaedia of Statistics. 1978. 2, 834.

144. Summary views: a statistician's perspective. Cancer Treatment Reports 64 (1980), 533.

145. The role of the computer in statistics. Opening address, Proc. 10th Interface, p. 3. University of Waterloo.

146. Statistical analysis of time series: some recent developments (with discussion). Scand. J. Statist. 8 (1981), 93.

147. Theory and general principles in statistics. J. R. Statist. Soc. A 144 (1981), 289.

148. Statistical significance tests. Br. J. Clin. Pharmac. (1981), 14, 325.149 Some aspects of analysis of covariance. Biometrics, (1981), 38, 541 (with P McCullagh).

150. Applied Statistics. London: Chapman and Hall, 1981 (with E J Snell). 151. Transformations revisited rebutted. J. Amer. Statist. Ass. (1981), 77, 209 (with G E P Box).

152. A remark on randomization in clinical trials. Birthday Volume for F Yates. Utilitas Mathematics (1982), 21A, 245.

153. Randomization and concomitant variables in the design of experiments. Essays in honour of C R Rao. Statistics and Probability. North-Holland Publc. (1982), 197.

154. Combination of data. Encyclopaedia of Statistical Sciences. 2 (1982), 45.

155. On partitioning means into groups. Scand. J. Statist. 9, (1982), 147 (with E Spjotvoll).

156. On the role of data of possibly lowered sensitivity. Biometrika 69, (1982), , 215.

157. Some remarks on overdispersion. Biometrika 70 (1983), 269.

158. A remark on censoring and surrogate response variables. J. R. Statist. Soc. B 45, (1983), 391.

159. Interaction. International Statistical Review 52, 1, (1984), 1.

160. Asymptotic theory: some recent developments. Questio 7, (1983), 527.

161. Remarks on the analysis of additional response variables associated with survival data. 44th Session of ISI, Madrid, (1983).

162. Present position and potential developments: some personal views design of experiments and regression. J. R. Statist. Soc. A 147, 2, (1984), 306.

163. Long-range dependence: a review. Statistics: an appraisal. Proceedings of 50th Anniversary Conference Iowa State Statistical Laboratory (eds. H A David and H T David. 1984). The Iowa State University Press. 55.

164. The role of mathematics in theoretical statistics. Perspectives in mathematics. Anniversary of Oberwolfach, 1984. Birkhauser Verlag, Basel (with O Barndorff-Nielsen).

165. Analysis of Survival Data. London: Chapman and Hall, 1984 (with D Oakes).

166. Effective degrees of freedom and the likelihood ratio test. Biometrika, (1984), 71, 487.

167. The effect of sampling rules on likelihood statistics. International Statistical Review 52, (1984), 309, (with O Barndorff-Nielsen).

168. Two new tests associated with analysis of variance. J. R. Statist. Soc. B 46 (1984), 483 (with A. Azzalini).

169. Bartlett adjustments to the likelihood ratio statistic and the distribution of the maximum likelihood estimator. J. R. Statist. Soc. B 46, 3, (1984), 483. (with O Barndorff-Nielsen).

170. Theory of Statistics: Some Current Themes. 100th Anniversary
International Statistical Institute Conference, Amsterdam (1985), 6.3-1.
171. Spatial modelling of total storm rainfall. Proc. R. Soc. A 403 (1986), 27,

(with I Rodriguez-Iturbe and P S Eagleson).

172. Some remarks on semi-Markov processes in medical statistics. International Symposium of Semi-Markov Processes and Their Applications, Brussels (1984).

173. The role of differential geometry in statistical theory. International Statistical Review 54 (1986), 83 (with O Barndorff-Nielsen and N Reid).174. Some general aspects of the theory of statistics. International Statistical Review 54 (1986), 117.

175. The virtual waiting-time and related processes. Adv. Appl. Prob. 18 (1986), 558 (with V Isham).

176. Analysis of variability with large numbers of small samples. Biometrika 73 (1986), 543-54 (with P J Solomon).

177. Some aspects of the design of experiments. Offprints from: New Perspectives in Theoretical and Applied Statistics (1987) ed M.L.Puri, Wiley.

178. Invariants and likelihood ratio statistics. Annals of Statistics (1986), vol 14, 1419-1430 (with P.McCullagh).

179. Some models for rainfall based on stochastic point processes.Proc. R. Soc. A 410, (1987) 269-288 (with I.Rodriguez-Iturbe and V.Isham)

180. Incubation period of AIDS in patients infected by blood transfusion.

Nature 328 (1987), 719-721 (with G.F.Medley, R.M.Anderson & L.Billard). 181. Approximations to noncentral distributions. Canadian Journal of Statistics 15 (1987), 105-114 (with N.Reid).

182. Parameter orthogonality and approximate conditional inference.
Journal of Royal Statistical Society, B, 49 (1987), 1-39 (with N.Reid).
183. A note on design when response has an exponential family distribution. Biometrika 75 (1988), 161-164.

184. On testing for serial correlation in large numbers of small samples. Biometrika 75 (1988), 145-148 (with P.J.Solomon).

185. A simple spatial-temporal model of rainfall. Proceedings of the Royal Society of London A 415 (1988), 317-328 (with V.Isham).

186. The fascination of statistics. Convocation address, Indian Statistical Institute, 1-6.

187. The distribution of the incubation period for the acquired immunodeficiency syndrome (AIDS). Proceedings of the Royal Society of London B 233 (1988), 367-377 (with G.F. Medley, L. Billard and R.M.Anderson).

188. A point process model for rainfall: further developments. Proceedings of the Royal Society of London A 417 (1988), 283-298 (with I.Rodriguez-Iturbe and V.Isham).

189. A note on selective intervention. Journal of Royal Statistical Society A 151 (1988), 310-315 (with P.J.Solomon).

190. Transformations. Encyclopaedia of Statistical Science, 9 (with A.C.Atkinson), 1988, Wiley.

191. Short-term prediction of HIV infection and AIDS in England and Wales (with members of Working Party).1988. HMS

192. A time series illustration of approximate conditional likelihood. Biometrika 76 (1989), 231-237 (with N.Reid and A.M.Cruddas).

193. Prediction for small subgroups. Philosophical Transactions of the Royal Society of London B 325 (1989), 185-187 (with A.C Davison).

194. A process of events with notification delay and the forecasting of AIDS. Philosophical Transactions of the Royal Society of London B 325 (1989), 135-145 (with G.F.Medley).

195. On the stability of maximum-likelihood estimators of orthogonal parameters. Canadian Journal of Statistics 17 (1989), 229-233 (with N.Reid).

196. Some aspects of conditional and asymptotic inference: a review. Sankhya 50 (1988), 314-337.

197. The relation between the statistician and the substantive research

worker. Societa Italiana di Statistica; Statistica e Societa (1989), 377-381. 198. Analysis of binary data (1989). London; Chapman & Hall (with E.J.Snell).

199. Asymptotic techniques for use in statistics. (1989). London: Chapman & Hall (with O.E. Barndorff-Nielsen).

200. Some simple properties of sums of random variables having longrange dependence. Proceedings of Royal Society of London A 424 (1990), 255-262 (with A.C.Davison).

201. Quality and reliability: some recent developments and a historical perspective. Journal of the Operational Research Society 41 (1990), 95-101.

202. Time from infection with HIV to onset of AIDS in patients with haemophilia in the UK. Statistics in medicine 9 (1990), 681-689 (with S.C. Darby, R.Doll, B. Thakrar & C.R.Rizza).

203. Role of models in statistical analysis. Statistical Science 5 (1990), 169-174.

204. An approximation to maximum likelihood estimates in reduced models. Biometrika 77 (1990), 747-761 (with N. Wermuth).

205. Long-range dependence, non-linearity and time irreversibility. Journal of Time Series Analysis 12 (1991), 329-335.

206. Estimating equations from modified profile likelihood. In Estimating functions (1991), 279-293, ed. V.P. Godambe: Oxford University Press (with H.Ferguson and N.Reid).

207. The contribution of statistical methods to cancer research. Cancer 67 (1991), 2428- 2430.

208. A simple approximation for bivariate and trivariate normal integrals. International Statistical Review 59 (1991), 263-269 (with N. Wermuth).

209. A comment on the coefficient of determination for binary responses. American Statistician 46 (1992), 1-4 (with N. Wermuth).

210. Nonlinear variance component models. Biometrika 79 (1992), 1-11 (with P.J.Solomon).

211. Quality-of-life assessment: can we keep it simple?. Journal of Royal Statistical Society A 155 (1992) (with R. Fitzpatrick, A.E. Fletcher, S.M. Gore, D.R.Jones and D.J. Spiegelhalter)

212.On the calculation of derived variables in the analysis of multivariate responses. Journal of Multivariate Analysis 36 (1992), 162- 170 (with N. Wermuth).

213. A note on the difference between profile and modified profile

likelihood. Biometrika 79 (1992), 408-411 (with N. Reid).

214. Causality: some statistical aspects. Journal of Royal Statistical Society A 155 (1992), 291- 301.

215. Statistical and epidemiological aspects of cancer research .

Accomplishments in Cancer Research (1992) (with S.C. Darby).

216. Graphical models for dependencies and associations. In

Computational Statistics, vol 1, eds Y.Dodge and J. Whittaker, 235-249, Heidelberg: Physica- Verlag (with N. Wermuth).

217. Statistical analysis and survival data: an introduction. Annual of Cardiac Surgery (1992), 97-100.

218. On the relation between interactions obtained with alternative codings of discrete variables. Methodika (1992) 6, 76-85 (with N.Wermuth).

219. J.W.Tukey's work on analysis of variance. In The Collected Works of John W.Tukey , vol.7, Pacific Grove, Calif: Wadsworth.

220. Response models for mixed binary and quantitative variables. Biometrika 79 (1992), 441- 461 (with N. Wermuth).

221. A note on the calculation of adjusted profile likelihood. Journal of the Royal Statistical Society B 55 (1992), 467-471 (with N.Reid).

222. Factors affecting indoor radon concentrations in the U.K. Health Physics 64, 2-12 (with J.A.Gunby, S.C.Darby, J.H.C.Miles and B.M.R.Green).

223. Estimation of risk from observation on humans. Chapter 4 of Risk Assessment. Royal Society (with B. Crossland, S.C. Darby, D.Forman, A.J.Fox, S.M.Gore, E.C.Hambly, T.A.Kletz and N.V.Neill).

224. Quality of life measures in health care. I Applications and issues in assessment. British Medical Journal 305 (1992), 1074-1077, (with

Fitzpatrick, R., Fletcher, A., Gore, S. Jones, D. and Speigelhalter, D.)

225. Quality of life measures in health care. II Design analysis and

interpretation British Medical Journal 305 (1992),1145- 1148 (with Fitzpatrick, R., Fletcher, A., Gore, S. Jones, D. and Speigelhalter, D.) 226. Quality of life measures in health care.III resource allocation, British Medical Journal 305 (1992), 1205- 1209(with Fitzpatrick, R., Fletcher, A., Gore, S. Jones, D. and Speigelhalter, D.).

227. Derived variables calculated from similar responses: some characteristics and examples. Computational Statistics and Data Analysis 19 (1995), 223-234 (with N.Wermuth).

228. Some aspects of statistical models. In Newer Thinking in Theory and Methods for Population Health Research. ed. K.Dean. London: Sage, 1993, 145-159.

229. Linear dependencies represented by chain graphs (with discussion). Statistical Science 8 (1993), 204 -283 (with N. Wermuth).

230. Tests of linearity, multivariate normality and the adequacy of normal scores. Applied Statistics 43 (1994), 347 -355 (with N. Wermuth).

231. Some recent work on methods for the analysis of multivariate observational data in the social sciences. Chapter 6 in Multivariate analysis:future directions, ed C.R.Rao. Elsevier, ed C.R.Rao (1993) (with N.Wermuth).

232. A note on the quadratic exponential binary model. Biometrika 81 (1994), 403-408 (with N. Wermuth).

233. Stochastic models of precipitation. In Statistics for the Environment ,2:Wiley (with V.Isham).

234. Causality and graphical models. Bull.I.S.I. 49 (1993), 363-372.

235. Some comments on the teaching of stochastic processes to engineers.

Int J.Cont.Engineering Educ. 4 (1994), 24- 30 (with A.C.Davison).

236. Unbiased estimating equations derived from statistics that are functions of a parameter. Biometrika 80 (1993), 905- 909.

237. Inference and asymptotics. London: Chapman and Hall, 1994 (with O.E.Barndorff- Nielsen).

238. A note on the quadratic exponential binary distribution. Biometrika 81 (1994), 403-408 (with N. Wermuth).

239. Some recent developments in statistical theory. Scand Actuarial J. (1995), 1, 29-34 (Harald Cramer Symposium).

240. The relation between theory and application in statistics (with discussion). TEST 4 (1995), 207-261.

241. Multivariate dependencies . London: Chapman and Hall, 1996 (with N. Wermuth).

242. Likelihood and asymptotics. Padova: Tre Lauree Honoris Causa.

243. Prediction and asymptotics. Bernoulli 2 (1996), 319-340.

244. Qualitative and quantitative aspects should not be confused. Brit. Med.J. 314 (1997), 73 (with V.T.Farewell).

245. Bartlett adjustment. Encyclopedia of Statistical Science. Update Vol.1 (1996), 43-45.

246. Some remarks on the analysis of survival data. In Proc. 1st Seattle Symp. in Biostatistics, ed Danyu Lin and T.R. Fleming (1997), 1-9. New York: Springer Verlag.

247. Examining associations between occupation and health using routinely collected data J.R.Statist. Soc. A 160 (1997), 507-521 (with L.M.Carpenter, N.E.S. Maconochie and E.Roman).

248. The current position of statistics: a personal view. Int. Statist.Rev. 65 (1997), 261-290.

249. Detecting overdispersion in large-scale surveys: application to a study of education and social class in Britain. Applied Statistics 46 (1997), 415-432 (with G.M. Fitzmaurice and A.H.Heath).

250. Components of variance; a miscellany. Statistical Methods in medical research 7 (1998), 3-12.

251. Some remarks on statistical education. Statistician 47 (1998), 211-213.

252. On the nature of statistical inference: Johann Bernouilli lecture

1997.Nieuw Archief voor Wiskunde 15 (1997), 233-242.

253. Statistical dependence and independence. Encyclopedia in Biostatistics 6 (1998), 4260-4264 (with N. Wermuth).

254. Statistics, an overview. Encyclopedia in Biostatistics 6 (1998), 4294-4302.

255. Combined analysis of the effects of the matrix metalloproteinase inhibitor marimastat on serum tumour markers in advanced cancer:

selection of a biologically active an tolerable dose for longer-term studies.

Clinical Cancer Research 4 (1998), 1101-1109 (with 12 coauthors).

256. Some aspects of measurement error in explanatory variables for

continuous and binary regression models. Statistics in Medicine. 17 (1998), 2157-2177 (with G.K.Reeves, S.C.Darby and E. Whitley).

257. On the application of conditional independence to ordinal data. Int. Statist. Rev. 66 (1998), 181-199 (with N. Wermuth).

258. Stochastic spatial-temporal models for rainfall. In Stochastic models in hydrology. Singapore: World Scientific (with V.Isham).

259. On association models defined over independence graphs. Bernoulli 4 (1998), 477-495 (with N. Wermuth).

260. A note on the robust interpretation of regression coefficients. Test 7 (1998), 287-294 (with Man Yu Wong).

261. Likelihood factorizations for mixed discrete and continuous variables, Scand. J. Statist. 26 (1999), 209-220 (with N. Wermuth).

262. Derived variables for longitudinal studies. Proc. Nat. Acad. Sci. (USA) 96 (1999), 12273-12274 (with N. Wermuth).

263. Probabilistic modelling of water balance at a point: the role of climate, soil and vegetation. Proc. R. Soc. (London) A 455 (1999), 3789-3805 (with I. Rodriguez-Iturbe, A. Porporato, L. Ridolfi and V. Isham).

264. The effects of measurement errors with particular reference to a study of exposure to residential radon. In Radiation Dosimetry (1999), 139-151,

ed. E. Ron: National Cancer Institute (with S.C. Darby, G.K. Reeves and E.

Whitley).

265.Some remarks on failure-times, surrogate markers, degradation, wear and the quality of life. Lifetime Data Analysis 5 (1999), 307-314. 266. Variables, types of. In Encyl. of Statistical Sciences, Update Vol. 3 (1999), ed. S. Kotz, C.B.Read and D.L.Banks, 772-775, Wiley.

267. On the generation of the chordless four cycle. Biometrika 87 (2000), 206-212, (with N. Wermuth).268. Likelihood-based inference with singular information matrix. Bernouilli 6 (2000), 243-284, (with A. Rotnitzky, M. Bottai and J. Robins).

269. Theory of the design of experiments. London: Chapman and Hall, 2000, (with N. Reid).

270. Statistical modelling and analysis of spatial pattern. In The Geometry of Ecological Systems, (2000) eds V. Dieckman, R.Law and J.A.J. Metz, Cambridge University Press, 65-88, (with V.Isham and P. Northrop).

271. Scrapie in Britain during the BSE years. Nature: London 406 (2000), 584-584, (with M.K. Gravenor and A. McClean).

272. Some remarks on likelihood factorization. In IMS Lecture Note Series 36 (2000), Papers in honor of W. van Zwet, eds A. van der Vaart et al, 165-172.

273. The five faces of Bayesian Statistics. Calcutta Statistical Association Bulletin 50 (2000), 127-136.

274. Biometrika: the first 100 years. Biometrika 88 (2001), 3-11.

275. Some statistical aspects of causality. European Sociological Review 17 (2001), 65-74, (with N. Wermuth).

276. Mathematical biology and medical statistics: contributions to the understanding of AIDS epidemiology. Statistical Methods in Medical Research 10 (2001), 141-154, (with C.A. Donnelly).

277. The flock-to-flock force of infection for scrapie Britain. Proc.Roy.Soc. London B 268 (2001) 587-592, (with M.B. Gravenor, L.J.Hoinville, A. Hoek and A.R. McLean).

278. Spatial-temporal rainfall fields: modeling and statistical aspects. Hydrology and Earth Systems Sciences 4 (2000), 581-601, (with H. Wheater and 7 others).

279. Design of the HYREX raingauge network. Hydrology and Earth Systems Sciences 4 (2000), 523-530, (with R.J.Moore, D.A.Jones and V.S.Isham).

280. Large tables. Biostatistics 2 (2001), 163-171, (with G.R.Law, N.E.S.Machonichie, J.Simpson, E.Roman and L.M.Carpenter).

281. Stochasticity. Encl. of Environmetrics 4 (2002), 2142-2143.

282. Causal inference and statistical fallacies. Int Ency of Social and Behavioural Sciences (2001), 1554-1561 (with N.Wermuth)

283. Graphical models: overview. Int Ency of Social and Behavioural Sciences (2001), 6379-6386 (with N.Wermuth).

284. On some models for multivariate binary variables parallel in complexity with the multivariate Gaussian distribution. Biometrika 89 (2002), 462-469 (with N. Wermuth).

285. Components of variance. Chapman and Hall/CRC (2002) (with P.J. Solomon).

286. A test of multivariate independence based on a single factor model. J. Multivariate Analysis 79 (2001), 219-225 (with M.Y.Wong)

287. Karl Pearson and the chi-squared test. Pp 3-8 in Goodness of fit test and model validity, eds C Huber-Carol et al (2002). Boston: Birkhauser.

288. Floods: some probabilistic and statistical approaches. Phil. Trans. Roy. Soc. A 360, 1389-1408 (with V.S. Isham and P.J. Northrop).

289. Estimation in a simple random effects model with nonnormal varation. Biometrike 89 (2002), 831-840 (with P. Hall).

290. Occupation and cancer: the application of a novel graphical approach to routinely collected registration data. Health Statistics Quarterly 17 (2003), 23-32 (with L.M. Carpenter and 6 others).

291. Some remarks on statistical aspects of econometrics. In Stochastics Musings, ed. J. Panaretos (2003), Mahwah, NJ: Lawrence Erlbaum.

292. Communication of risk: health hazards from mobile phones. J. R. Statist. Soc. A 166 (2003), 241-246.

293. Generalized least squares for the synthesis of correlated information. Biostatistics 4 (2003), 423-431 (with A. Berrington).

294. A general condition for avoiding effect reversal after marginalization. J. R. Statist. Soc. B 65 (2003), 937-941 (with N. Wermuth).

295. Conditional and marginal association for binary random variables. Biometrika 90 (2003), 982-984.

296. Impact of localized badger culling on tuberculosis in British cattle. Nature 426 (2003), 934-937 (with C.A. Donnelly and 6 others)

297. Reflections on fourteen cryptic issues concerning the nature of statistical inference. Rev. Int. Statist. Inst. 71 (2003), 277-318 (with O.J.W.F. Kaardaun and four others).

298. A simple procedure for the selection of significant efforts. J.R.

Statist.Soc. B 66 (2004) 395-400 (with (M.Y.Wong).

299. Performance indicators: good, bad and ugly. Royal Statistical Society Report (with S.M. Bird and four others)

300. Some remarks on model criticism. In Methods and models in statistics pp 13-22. Edited by N.Adams, M. Crowder, D.J.Hand and D. Stephens. London: Imperial College Press (2004)

301. A note on pseudo-likelihood constructed from marginal densities. Biometrika 91 (2004), 729-737 (with N.Reid).

302. Some challenges for medical statistics. Europ. J of Epidemiology 20 (2005), 5-9.

303. Causality: a statistical view. Int Statist Rev 72 (2004), 285-305 (with N.Wermuth).

304. Joint response graphs and separation induced by triangular systems.

J.R. Statist. Soc. 66 (2004), 687-718 (with N.Wermuth).

305. Additive and multiplicative models for the joint effect of two risk factors. Biostatistics 6 (2005), 1-10 (with A. Berrington de Gonsalez)

Recent publications:

Reprints of most are available on request

306. Methods for estimating the case fatality ratio for a novel emerging infectious disease. Am. J. Epidemiology 162 (2005), 1-8 (with A.Ghani, C.A. Donnelly and 8 others)

307. On class differentials in educational attainment. Proc. Nat. Acad.Sci. 102(2005), 9730-9733 (with R.Erikson, J.H. Goldthorpe, M. Jackson and M.Yaish)

308. On the relation between initial value and slope. Biostatistics 6(2005), 395-403 (with K.Byth)

309. Representation of space-time variability of soil moisture. Proc. Roy. Soc, A 461 (2005), 4035-4055 (with V.Isham and three others)

310. A simple model of Bovine Tuberculosis. Proc Nat Acad, Sci,,

102(2005, 17588-17593 (with C.A. Donnelly and six others)

311. Spatial association of Mycobacterium bovis infection in cattle and badgers Meles meles. Journal of Applied Ecology 42 (2005), 852-862 (with R. Woodroffe and 10 others)

312.Positive and negative effects of widespread badger culling on tuberculosis in cattle. Nature 439 (2006), 843-846 (with C.A. Donnelly and 9 others).

313. Space-time modeling of soil moisture: stochastic rainfall forcing with heterogeneous vegetation. Water Resources Research 42 (2006), 4497-4508 (with I. Rodriguez-Iturbe, V. Isham, A.Porporato and S. Manfreda) 314. Partial inversion for linear systems and partial closure of independence graphs. BIT Numerical Mathematics (2006), online version (with N. Wermuth and M. Wiedenbeek)

315. Assessing the relationship between symptoms of allergic rhinoconjunctivitis and pollen counts. Australian and N. Zealand Journal of Statistics 48(2006), 417-428 (with K. Byth and P.Forder)

316. Culling and cattle controls influence tuberculosis risk for badgers. Proc. Nat. Acad. Sci 103(2006), 14713-14717 (with R. Woodroffe and 12 others)

317. Principles of statistical inference. Cambridge University Press (2006). 318. Selected papers of Sir David Cox. Two volumes with commentaries by the author (edited by A.M. Herzberg and D.J. Hand). Cambridge University Press (2005).

319. Frequentist statistics as a theory of inductive inference. In IMS Lecture Notes 49 (2006), pp 77-97 (with D.M. Mayo)

320. Frequentist and Bayesian statistics: a critique (keynote address). IN

Statistical problems in particle physics, astrophysics and cosmology. London: Imperial College Press.

321. Applied statistics: a review. Annals of Applied Statistics 1 (2007), 1-18. 322. On a formula of W.G.Cochran. Biometrika 94(2007), 400-410.

323. Covariance chains. Bernoulli 12 (2006), 841-862 (with N.Wermuth and G.M. Marchetti).

324. Association between the ACCN1 gene and multiple sclerosis in Central East Sardinia. PLoS one, issue 5 (2007), 1-10 (with L. Bernardinelli and 11 others).

325. Impacts of widespread badger culling on cattle tuberculosis: concluding analyses from a large-scale field trial. International Journal of Infectious Diseases 11 (2007), 300-308 (with C.A. Donnelly and 12 others). 326. Culling and cattle controls influence tuberculosis risk for badgers.

Proceedings of the National Academy of Sciences USA 103 (2006), 14713-14717 (with R.Woodroffe and 12 others).

327. On the screening of large numbers of significance tests. J. Applied Statistics 34 (2007), 779-783 (with M.Y. Wong)

328. Effects of culling on spatial associations of Mycobacterium bovis infections in badgers and cattle. J. Applied Ecology 44 (2007), 897-906 (with R. Woodroffe and 11 others)

329. Interpretation of interaction: a review. Ann Appl Statist 1(2007),371-385 (with A. Berrington de Gonsalez).

330. Lung transplantation and survival in children with cystic fibrosis. New England J. of Medicine 357(2007), 2143-2152 (with T.Liou, F. Adler and B. Cahill)

331. Distortion of effects caused by indirect confounding. Biometrika 95 (2008), 17-33 (with N. Wermuth)

332. The last fifty years of statistical research and their implication for particle physics.pp3-7 in Statistical issues for lhc physics, editors L.Lyons, H.Prosper and A De Roeck. Geneva: CERN.

333. The wish-lists: some comments. Pp.119-124 in Statistical issues for Ihc physics, editors L.Lyons, H.Prosper and A De Roeck. Geneva: CERN (with N.Reid).

334. On the consequences of overstratification. Biometrika 95 (2008), 992-996 (with B. de Stavola)

335. On an internal method for deriving a summary measure. Biometrika 95 (2008), 1002-1005.

336. The prevalence, distribution and severity of detectable pathological lesions in badgers naturally infected with Mycobacterium bovis.

Epidemiology of Infection 136, 1350-1361 (with H.E. Jenkins and 9 others).

337. On square ordinal contingency tables: a comparison of social class and income mobility for the same individuals. J.R. Statist. Soc. A 172 (2009), 483-493 (with M.Jackson and S.Liu).

338. Randomization in the design of experiments. Int. Statist. Rev. 77,

415—429. Cox, D.R. (2009).

339. Commentary: Smoking and lung cancer: reflections on a pioneering paper. International J. Epidemiology, 38, 192-193. Cox, D.R. (2009).

340.Triangular systems for symmetric binary variables. Electronic J. of Statistics, 3, 932-955. Cox, D.R., Wermuth, N. and Marchetti, G.M. (2009). 341. Bovine tuberculosis in cattle and badgers in localized culling areas. J. Wildlife Research, 45, 128-143. Cox, D.R., Woodroffe, R. and 14 others (2009).

342. Social group size affects Mycobacterium bovis infection in European badgers Meles meles. J. Animal Ecology, 78, 818-827. Cox, D.R., Woodroffe, R. and 14 others (2009).

343. Frequentist statistics as a theory of inductive inference. Objectivity and conditionality in frequentist inference. Pp, 247-275; 276- 304 in Error and inference. D.G. Mayo and A. Spanos, editors. New York: Cambridge University Press. Cox, D.R. and Mayo, D. (2010).

344. Randomization as concealment. J. Royal Society of Medicine, 103, 72-73. Cox, D.R. (2010).

345. A note on the sensitivity to assumptions of a generalized linear mixed model. Biometrika, 97, 209-214. Cox, D.R. and Wong, M.Y. (2010). 346. Summary comments on cancer survival analysis. Surgical Oncology, 19, 61. Cox, D.R. (2010).