

References

- Akaike H., 1973, Information theory and an extension of the maximum likelihood principle, in Petrov B.N. & Csáki F., Second International Symposium on Information Theory, Tsahkadsor, Armenia, USSR, 1971, Budapest: Akadémiai Kiadó, pp. 267–281
- Akaike H., 1974, A new look at the statistical model identification, *IEEE Transactions on Automatic Control* **19**, 716–723
- Bailer-Jones C.A.L., 2012, A Bayesian method for the analysis of deterministic and stochastic time series, *Astronomy & Astrophysics* **546**, A89
- Bailer-Jones C.A.L., 2015, Estimating distances from parallaxes, *Publications of the Astronomical Society of the Pacific* **127**, 994–1009
- Cox R.T., 1946, Probability, frequency and reasonable expectation, *American Journal of Physics* **14**, 1–13
- Deming W.E., 1943, *Statistical Adjustment of Data*, Wiley
- Foreman-Mackey D., Hogg D.W., Lang D., Goodman J., 2013, emcee: The MCMC Hammer, *Publications of the Astronomical Society of the Pacific* **125**, 306–312
- Friel N., Pettitt A.N., 2008, Marginal Likelihood estimation via power posteriors, *Journal of the Royal Statistical Society B* **70**, 589
- Gelman A., Rubin D.B., 1992, Inference from iterative simulation using multiple sequences, *Statistical Science* **7**, 457–511
- Gigerenzer G., 2002, *Reckoning with Risk*, Penguin
- Goodman J., Weare J., 2010, Ensemble samplers with affine invariance, *Communications in Applied Mathematics and Computational Science* **5**, 65
- Gregory P., 2005, *Bayesian Logical Data Analysis for the Physical Sciences*, Cambridge University Press
- Jaynes E.T. 1973, The well-posed problem, *Foundations of Physics* **3**, 477–493
- Jeffreys H., 1961, *Theory of Probability*, Cambridge University Press, 3rd edition
- Kass R., Raftery A., 1995, Bayes factors, *Journal of the American Statistical Association* **90**, 773
- Kass R.E., Wasserman L., 1996, The selection of prior distributions by formal rules, *Journal of the American Statistical Association* **91**, 1343–1369
- Kass R.E., Carlin B.P., Gelman A., Neal R.M., 1998, Markov Chain Monte Carlo in practice: A roundtable discussion, *The American Statistician* **52**, 93–100
- Kolmogorov A.N., 1933, *Grundbegriffe der Wahrscheinlichkeitsrechnung*, 1933, Springer (English translation: *Foundations of the Theory of Probability*, 2013, Martino Fine Books)
- Kruschke J.K., 2015, *Doing Bayesian Data Analysis*, Elsevier, 2nd edition

- Lartillot N., Philippe H., 2006, Computing Bayes factors using thermodynamic integration, *Systematic Biology* **55**, 195
- MacKay D.J.C., 2003, *Information Theory, Inference and Learning Algorithms*, Cambridge University Press
- McElreath R., 2016, *Statistical Rethinking: a Bayesian Course with Examples in R and Stan*, CRC Press
- Newton M.A., Raftery A.E., 1994, Approximate Bayesian inference with the weighted likelihood bootstrap, *Journal of the Royal Statistical Society B* **56**, 3–48
- Robert C.P., Chopin N., Rousseau J., 2009, Harold Jeffreys's Theory of Probability revisited, *Statistical Science* **24**, 141–172
- Schwarz G., 1978, Estimating the dimension of a model, *The Annals of Statistics* **6**, 461–464
- Sivia D.S., Skilling J., 2006, *Data Analysis: a Bayesian Tutorial*, Oxford University Press, 2nd edition
- Skilling J., 2004, in Fisches R., Preuss R., von Toussaint U. (eds), AIP Conf. Proc. Vol. 735, Bayesian Inference and Maximum Entropy Methods in Science and Engineering, p. 395
- Trotta R., 2007, Applications of Bayesian model selection to cosmological parameters, *Monthly Notices of the Royal Astronomical Society* **378**, 72
- Venables W.N., Ripley B.D., 2002, *Modern Applied Statistics with S*, Springer, 4th edition
- Wald A., 1943, A method of estimating plane vulnerability based on damage of survivors, Statistical Research Group, Columbia University, CRC 432