

Last revised: November 2008

Bootstrap Bibliography

(72 entries)

1. Efron, B. (1979) Bootstrap methods: another look at the jackknife. *The Annals of Statistics 7* (1): 1 – 26

2. Efron, B. (1980) The Jacknife, the bootstrap and other resampling plans. Technical Report no. 3. Division of Biostatistics, Stanford University. pp.135

3. Freedman, D. A. (1981) Boostrapping regression models. *The Annals of Statistics 9(6*): 1218 – 1228

4. Efron, B. and Gong, G. (1983) A leisurely look at the bootstrap, the Jackknife, and cross-validation. *The American Statistician 37*(1): 36 – 48

5. Efron, B. (1983) Estimating the error rate of a prediction rule: improvement on cross – validation. *Journal of American Statistical Association 78* (382): 316 – 331

6. Rao, J. N. K. and Wu, C. F. J. (1983) Bootstrap inference with stratified samples. Technical Report Series of the Laboratory for Research in Statistics and Probability. Carleton University. 20 p

7. Bickel, P. J. and Freedman, D. A. (1984) Asymptotic normality and the bootstrap in stratified sampling. *The Annals of Statistics 12(2)*: 470 – 482

8. Freedman, D. A. and Peters, S. C. (1984) Bootstrapping a regression equation: some empirical results. *Journal of American Statistical Association 79* (385): 97 – 106

9. Freedman, D. (1984) On bootstrapping two-stage least-squares estimates in stationary linear models. *The Annals of Statistics 12(3):* 827-842.

10. Bondesson, L. and Holm, S. (1985) Bootstrap-estimation of the Mean-Square Error of the ratio estimate for sampling without replacement. Contributions to Probability and Statistics in honour of Gunnar Blom. Swedish University of Agricultural Sciences.

11. Buckland, S. T. (1985) Calculation of Monte Carlo Confidence Intervals. *Statistical Algorithms.* Royal Statistical Society.

12. McCarthy, P. L. and Snowden, C. B. (1985) The bootstrap and finite population sampling. Data Evaluation and Methods Series 2, No. 95. U.S. Department of Health and Human Services. 23 p.

13. Peters, S. and Freedman, D.A. (1985) Using the bootstrap to evaluate forecasting equations.

Journal of Forecasting 4: 251 – 262

14. Schenker, N. (1985) Qualms about bootstrap confidence intervals. *Journal of American Statistical Association 80* (390): 360 – 361

15. Efron, B. and Tibshirani, R. (1986) Bootstrap methods for standard errors, confidence intervals, and other measures of statistical accuracy. *Statistical Science* 1(1): 54 - 77

16. Findley, D. F. (1986) On bootstrap estimates of forecast Mean Square Errors for autoregressive processes. Computer Science and Statistics pp. 11 – 17

17. Gong, G. (1986) Cross-validation, the Jacknife and the Bootstrap: Excess Error Estimation in forward logistic regression. *Journal of American Statistical Association 81* (393): 108 – 113

18. Rao, J. N. K. and Wu, C. F. J. (1986) Resampling inference with complex survey data. Technical Report no. 794. Department of Statistics, University of Wisconsin. 34p.

19. Kovar, J.G., Rao, J. N. K. and Wu, C. F. J. (1988) Bootstrap and other methods to measure errors in survey estimates. *The Canadian Journal of Statistics* 16: 25 – 45

20. DiCiccio, T. and Tibshirani, R. (1987) Bootstrap confidence intervals and bootstrap approximations. *Journal of the American Statistical Association 82 (397)*: 163 - 170

21. Efron, B. (1987) Better bootstrap confidence intervals. *Journal of the American Statistical Association 82 (397)*: 171 – 200

22. Hinkley, D. and Schechtman, E. (1987) Conditional bootstrap methods in the mean-shift model. *Biometrika 74(1)*: 85 – 93.

23. Laird, N.M. and Louis, T. A. (1987) Empirical Bayes confidence intervals based on bootstrap samples. *Journal of American Statistical Association 82* (399): 739 - 757

24. Rasmussen, J. L. (1987) Estimating correlation coefficients: bootstrap and parametric approaches. *Psychological Bulletin 101 (1):* 136 – 139.

25. Efron, B. (1988) Bootstrap confidence intervals: Good or Bad? *Psychological Bulletin* 104(2): 293 - 296

26. Hall, P. (1988) On symmetric Bootstrap Confidence Interval. *J. R. Statist. Soc. B 50* (1): 35 – 45

27. Hall, P. (1988) Theoretical comparison of bootstrap confidence interval. *The Annals of Statistics 16 (3)*: 927-953.

28. Hinkley, D. V. (1988) Bootstrap methods. *J. R. Statist. Soc. B* 50(3): 321 – 337

29. Johns, V. M. (1988) Importance sampling for bootstrap confidence intervals. *Journal of American Statistical Association 83* (403): 709 - 714

30. Rasmussen, J. L. (1988) Bootstrap confidence intervals: Good or Bad: Comments on Efron (1988) and Strube (1988) and further evaluation. *Psychological Bulletin 104 (2):* 297 – 299.

31. Bickel, P. J. and Krieger, A. M. (1989) Confidence bands for a distribution function using the Bootstrap. *Journal of American Statistical Association 84* (405): 95 – 100

32. Boos, D. D. and Brownie, C. (1989) Bootstrap methods for testing homogeneity of variances. *Technometrics 31*(1): 69 – 82

33. Fisher, N.I. and Powell, C.M. (1989) Statistical analysis of two-dimensional palaeocurrent data: methods and examples. *Australian Journal of Earth Sciences 36*: 91-107.

34. Hall, P. (1989) Antithetic resampling for the bootstrap. *Biometrika 76*(4): 713 – 724

35. Hinkley, D. V. and Shi, S. (1989) Importance sampling and the nested bootstrap. *Biometrika* 76 (3): 435 – 446

36. Kuk, A. (1989) Double bootstrap estimation of variance under systematic sampling with probability proportional to size. *J. Statist. Comput. Simul.* 31: 73 – 82

37. Efron, B. (1990) More efficient bootstrap computations. *Journal of American Statistical Association 82* (399): 79 – 89

38. Fisher, N. I. and Hall, P. (1990) New statistical methods for directional data – I. Bootstrap comparison of mean directions and the fold test in palaeomagnetism . *Geophys. J.Int. 101*: 305 – 313

39. Hall, P. and Hart, J. D. (1990) Bootstrap test for difference between Means in Nonparametric Regression. *Journal of American Statistical Association 85* (412): 1039 – 1049

40. Do Kim-ahn, K. and Hall, P. (1991) On importance resampling for the bootstrap. *Biometrika* 78(1): 161 - 167

41. Fisher, N. I. and Hall, P. (1991) A general statistical test for the effect of folding. *Geophys. J. Int.* 105: 419 – 427

42. Fisher, N.I. (1991) Bootstrap algorithms for small samples. *Journal of Statistical Planning and Inference 27*: 157 – 169.

43. Breiman, L. (1992) The little Bootstrap and other methods for dimensionality selection in regression: X-Fixed Prediction Error. *Journal of American Statistical Association 87* (419): 738 – 754

44. Efron, B. (1992) Jacknife-after-bootstrap standard errors and influence functions. *Journal of Royal Statistical Society 54 (1)*: 83-127.

45. Leger, C., Politis, D. N. and Romano, J. P. (1992) Bootstrap technology and applications. *Technometrics* 34(4): 378 – 398

46. Sitter, R.R. (1992) A resampling procedure for complex survey data. *Journal of American Statistical Association* 87 (419): 755 – 765.

47. Sitter, R.R. (1992) Comparing three bootstrap methods for survey data. *The Canadian Journal of Statistics 20(2)*: 135-154.

48. Tibshirani, R. (1992) Correspondence: Bootstrap Hypothesis Testing. To the Editor of *Biometrics.*

49. Babu, G.J. and Rao, C.R. (1993) Bootstrap methodology. *Handbook of Statistics 9*: 627-659.

50. Turner, D. L. (1993) A bootstrap-like ratio estimator for monitoring visitor usage. In Proceedings of the Section on Statistics and the Environment. American Statistical Association, Duke street, Alexandria, VA.

51. Booth, J. G., Butler, R. W. and Hall, P. (1994) Bootstrap methods for finite populations. *Journal of American Statistical Association 89* (428): 1282 – 1289

52. Presnell, B. and Booth, J.G. (1994) Resampling methods for sample surveys. *Technical Report Number 470.* University of Florida. 35 pp

53. Stute, W. (1995) Bootstrap of a linear model with AR – Error Structure. *Metrica 45*: 395 – 410

54. DiCiccio, T. J. and Efron, B. (1996) Bootstrap confidence intervals. *Statistical Science 11*(3): 189 – 228

55. Davison, A.C. and Hinkley, D. V. (1997) Bootstrap methods and their application. Cambridge University Press. pp. 92 – 100

56. Horowitz, J. L. (1997) Bootstrap methods in econometrics: theory and numerical performance. In Advances in economics and econometrics: theory and applications (Chapter 7), Seventh World Congress, vol. III. Cambridge University Press. pp 189 – 222.

57. Smith, S.J. (1997) Bootstrap confidence limits for groundfish trawl survey estimates of mean abundance. *Can. J. Fish. Aquat. Sci*. 54:616-630 (**see skewness folder**)

58. Yafune, A. and Ishiguro, M. (1999) Bootstrap approach for constructing confidence intervals for population pharmacokinetic parameters I: A use of bootstrap standard error. *Statist. Med. 18*: 581 - 599

59. Efron, B. (2000) The bootstrap and modern statistics. *Journal of the American Statistical Association 95* (452): 1293 – 1295.

60. English, D.B.K. (2000) Calculating confidence intervals for regional economic impacts of recreation by bootstrapping visitor expenditures. *Journal of Regional Science 40 (3)*: 523 – 539.

61. Brownstone, D. and Valletta, R. (2001) The bootstrap and multiple imputations: harnessing increased computing power for improved statistical tests. *Journal of Economic Perspectives* 15(4): 129 – 141.

62. Dixon, P.M. (2001). The bootstrap and Jacknife: Describing the precision of ecological indices. In Design and Analysis of ecological experiments, edited by Scheiner, S. and Gurrevitch, J. Oxford University Press.

63. Horowitz, J. L. (2001) The bootstrap. *Handbook of Econometrics*, volume 5, Edited by J.J. Heckman and E. Leamer. Elsevier Science B.V. pp. 3160 – 3223.

64. Dixon, P. M. (2002). Bootstrap resampling. *Encyclopedia of Environmetrics* 1: 121 - 220

65. Efron, B. (2002) The bootstrap and modern statistics. In Statistics in the 21st Century (Raftery, A.E., Tanner, M.A & Wells, M.T. eds.). American Statistical Association

66. Shao, J. (2003) Impact of the bootstrap on sample survey. *Statistical Science 18(2)*: 191 – 198

67. Austin, P. A. and Tu, J. V. (2004) Bootstrap methods for developing predictive models. *The American Statistician 58 (2*): pg. 31

68. Martin, M.A. and Roberts, S. (2006) An evaluation of bootstrap methods for outlier detection in Least Squares Regression. *Journal of Applied Statistics 33(7):* 703-720.

69. Field, C.A. (2007) Bootstrapping clustered data. *J. R. Statist. Soc. 69(3)*: 369 – 390

70. Geyer, C.J. (2007) Examples: The Bootstrap (Relevant and Irrelevant simulation). http://www.stat.umn.edu/geyer/5102/examp/boot.html

71. Owen, A.B. (2007) The pigeonhole bootstrap. *The Annals of Applied Statistics 1 (2*): 386-411.

72. Hesterberg, T. (2008) Bootstrap methods and permutation tests. *home.comcast.net/timhesterberg*