

Created: November 2008

**Jackknife Bibliography**  
(60 entries)

1. Deming, E. 1956. On simplifications of sampling design through replication with equal probabilities and without stages. *JASA*: 24 – 53
2. Jones, H.L. 1956. Investigating the properties of a sample mean by employing random subsample means. *JASA*: 54 - 84
3. Quenouille, M.H. 1956. Notes on bias in estimation. *Biometrika* 43: 353 - 360
4. Tukey, J.W. 1958. Bias and confidence in not-quite large samples. *Annals of Mathematical Statistics* 29: 614
5. Deming, W.E. 1963. On the correction of mathematical bias by use of replicated designs. *Metrika* 6:37 - 42
6. Brillinger, D.R. 1964. The asymptotic behaviour of Tukey's general method of setting approximate confidence limits (the jackknife) when applied to maximum likelihood estimates. *Review of the International Statistical Institute* 32 (3): 202 – 206
7. Miller, R.G. JR 1964. A trustworthy jackknife. *The Annals of Mathematical Statistics* 53: 1594 - 1605
8. Miller, R.G. JR. 1968. Jackknifing variances. *The Annals of Mathematical Statistics* 39(2): 567 - 582
9. Arvesen, J.N. and Schmitz, T.H. 1970. Robust procedures for variance component problems using the jackknife. *Biometrics* 26: 677 - 686
10. Schucany, W.R., Gray, H.L. and Owen, D.B. 1971. On bias reduction in estimation. *Journal of the American Statistical Association* 65(335): 524 – 533
11. Frawley, W.H. 1974. Using the jackknife in testing dose responses in proportions near zero or one-revisited. *Biometrics* 30: 539 - 543
12. Jones, H.L. 1974. Jackknife estimation of functions of stratum means. *Biometrika* 61(2): 343 - 348
13. Miller, R. G. JR. 1974. An unbalanced jackknife. *The Annals of Statistics* 2(5): 880 – 891
14. Miller, R. G. JR. 1974. The jackknife – a review. *Biometrika* 61(1): 1 - 15
15. Bissell, A.F. 1975. The jackknife – Toy, Tool or Two-edged Weapon? *The Statistician* 24 (2): 79

– 100

16. Miller, R.G. 1975. Jackknifing censored data. Technical Report no. 14. Division of Biostatistics, Stanford University.
17. Sharot, T. 1976. Sharpening the jackknife. *Biometrika* 63(2): 315 - 321
18. Hinkley, D.V. 1977. Jackknife confidence limits using Student t approximations. *Biometrika* 64(1): 21 - 28
19. Burnham, K.P. and Overton, W.S. 1978. Estimation of the size of a closed population when capture probabilities vary among animals. *Biometrika* 65(3): 625 - 633
20. Duncan, G. 1978. An empirical study of jackknife-constructed confidence regions in non-linear regression. *Technometrics* 20(2): 123 - 129
21. Farewell, V.T. 1978. Jackknife estimation with structured data. *Biometrika* 63(2): 444 - 447
22. Hinkley, D.V. 1978. Improving the jackknife with special reference to correlation estimation. *Biometrika* 63(1): 13 - 21
23. Adams, J.E. and McCune, E.D. 1979. Application of the generalized jackknife to Shannon's measure of information used as an index of diversity. *Ecological Diversity in Theory and Practice*: 117 - 131
24. Fox, T., Hinkley, D. and Larntz, K. 1980. Jackknifing in nonlinear regression. *Technometrics* 22(1): 29 - 33
25. Parr, W.C. and Schucany, W.R. 1980. The jackknife: a bibliography. *International Statistical Review* 48: 73 - 78
26. Cressie, N. 1981. Transformation and the Jackknife. *J. R. Statist. Soc. B* 43(2): 177 - 182
27. Efron, B. and Stein, C. 1981. The jackknife estimate of variance. *The Annals of Statistics* 9(3): 586 - 596
28. Krewski, D. and Rao, J.N.K. 1981. Inference from stratified samples: properties of the linearization, jackknife, and balanced repeated replication methods. *The Annals of Statistics* 9(5): 1010 - 1019
29. Sengupta, S. 1981. Jack-knifing the ratio and the product estimators in double sampling. *Metrika* 28: 245 - 256
30. Solomon, D.S. and Kenlan, K.W. 1982. Discrimination analysis of interspecific hybridization in

Betula. *Silvae Genetics*: 136 – 144

31. Heltshe, J.F. and Forrester, N.E. 1983. Estimating diversity using quadrat sampling. *Biometrics* 39: 1073 - 1076
32. Weber, N.C. and Welsh, A.H. 1983. Jackknifing the general linear model. *Austral. J. Statist.* 25(3): 425 – 436
33. Gregoire, T.G. 1984. The jackknife: an introduction with applications in forestry data analysis. *Can. J. For. Res.* 14: 493 - 497
34. Hinkley, D. 1984. Improvements of jackknife confidence limit methods. *Biometrika* 71(2): 331 – 339
35. Weber, N.C. 1984. On resampling techniques for regression models. *Statistics and Probability Letters* 2: 275 – 278
36. Rao, J.N.K. and Wu, C.F. 1985. Inference from stratified samples: second-order analysis of three methods for nonlinear statistics. *Journal of American Statistical Association* 80(391): 620 - 630
37. Rust, K. 1985. Variance estimation for complex estimators in sample surveys. *Journal of Official Statistics* 1: 381 - 397
38. Shao, J. and Wu, C.F.J. 1986. Some general theory for the jackknife. Technical Report no. 797. Department of Statistics, University of Wisconsin.
39. Shao, J. 1986. On resampling methods for variance and bias estimation in linear models. Technical Report no. 788, Department of Statistics, University of Wisconsin.
40. Wu, C.F.J. 1986. Jackknife, bootstrap and other resampling methods in regression analysis. *The Annals of Statistics* 14(4): 1261 - 1350
41. Frangos, C.C. 1987. An updated bibliography on the jackknife method. *Commun. Statist. Theory Meth.* 16(6): 1543 - 1584
42. Shao, J. and Wu, C.F.J. 1987. Heteroschedasticity – robustness of jackknife variance estimators in linear models. *The Annals of Statistics* 15(4): 1563 - 1579
43. Shao, J. and Wu, C.F.J. 1987. Resampling inference with complex survey data. *The Journal of the American Statistical Association* 83(401): 231 - 241
44. Shao, J. 1988. On resampling methods for variance and bias estimation in linear models. *The Annals of Statistics* 16(3): 986 - 1008
45. Lectures/Overheads. ....The jackknife: a tool for many occasions.

46. Shao, J. 1989. Jackknifing weighted least squares estimators. *J. R. Statist. Soc.* 51(1): 139 - 156
47. Schucany, W.R. and Sheather, S.J. 1989. Jackknifing R-estimators. *Biometrika* 76(2): 393 – 398
48. Peddada, S.D. and Patwardhan, G. 1992. Jackknife variance estimators in linear models. *Biometrika* 79(3): 654 – 657
49. Rao, J.N.K, Wu, C.F.J. and Yue, K. 1992. Some work on resampling methods for complex surveys. *Survey Methodology* 18:209 – 217
50. Shao, J. 1992. Consistency of least-squares estimator and its jackknife variance estimator in nonlinear models. *The Canadian Journal of Statistics* 20: 415 – 428
51. Pedaada, S.D. 1993. Jackknife variance estimation and bias reduction. In Rao, C. R. ed., *Handbook of Statistics* 9: 723 - 744
52. Burke, J. and Rust, K. 1995. On the performance of jackknife variance estimation for systematic samples with small numbers of primary sampling units. A paper presented at Joint Statistical Meetings, Orlando, FL.
53. Yung, W. and Rao, J.N.K. 1996. Jackknife linearization variance estimators under stratified multi-stage sampling. *Survey Methodology* 22(1): 23 - 31
54. Cressie, N. 1997. Jackknifing in the presence of inhomogeneity. *Technometrics* 39(1): 45 - 51
55. Kott, P. and Stukel, D.M. 1997. Can the jackknife be used with a two-phase sample? *Survey Methodology* 23(2): 81 - 89
56. Kott, P.S. 1998. Using the delete-a-group jackknife variance estimator in Nass survey. *Research Division, National Agricultural Statistics Service, USDA*: 1 – 21
57. Kott, P.S. 2001. The delete-a-group jackknife. *J. Official Statistics* 17(4): 521 - 526
58. Meyer, J.S., Ingersoll, C.G., McDonald, L.L. and Boyce, M.S. 2001. Estimating uncertainty in population growth rates: Jackknife vs. bootstrap techniques. *Ecology* 67(5): 1156 – 1166
59. SAS output .2004. Jackknife and Bootstrap analyses.  
<http://ftp.sas.com/techsup/download/stat/jackboot.sas>
60. Berger, Y.G. and Skinner, C.J. 2005. A jackknife variance estimator for unequal probability sampling. *J.R. Statist. Soc.* 67(1): 79 – 89