TABLE 1

Estimated error rates for bootstrap confidence limits on mean, from analysis of 3000 data sets of size n = 30; bootstrap applied with B = 499. [Source: Chapman (1985).]

Method	Error rates %		
	Left	Right	Total
Bootstrap $\bar{x} - \mu$	11	3	14
$(\bar{x}-\mu)/s$	6	5	11
\overline{x}/μ	6	6	12
Efron's percentile method	9	5	14
Exact	5	5	10

REFERENCES

- CHAPMAN, P. (1985). Ph.D. thesis, Univ. of Minnesota.
- Chapman, P. and Hinkley, D. V. (1986). The double bootstrap, pivots and confidence limits.

 Technical Report 28, Center for Statistical Sciences, Univ. of Texas.
- EFRON, B. (1981). Nonparametric estimates of standard error: The jackknife, the bootstrap and other methods. *Biometrika* **68** 589–599.
- FREEDMAN, D. A. (1981). Bootstrapping regression models. Ann. Statist. 9 1218-1228.
- HINKLEY, D. V. (1986). Constructed variables and transformation diagnostics. Technical Report 26, Center for Statistical Sciences, Univ. of Texas.
- HINKLEY, D. V. and Schechtman, E. (1985). Conditional bootstrap methods in the mean-shift model. Technical Report 25, Center for Statistical Sciences, Univ. of Texas.
- KALBFLEISCH, J. D. (1975). Sufficiency and conditionality (with discussion). Biometrika 62 251-268.

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The resampling procedures discussed by Professor Wu provide an important solution to several problems of current interest to population geneticists. Measuring natural selection in wild populations of plants and animals has long been

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