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# Estimation Under Purposive Sampling

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## Abstract

Purposive sampling is described as a random selection of sampling units within the segment of the population with the most information on the characteristic of interest. Nonparametric bootstrap is proposed in estimating location parameters and the

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# Notes

Note: Values in parentheses are the design-unbiased approximations of the estimated standard errors.

(a)Bootstrap estimates using  $k = 100$  replications,  $n =$  resample size, at trimmed  $N = 257$ .

Note: Values in parentheses are the design-unbiased approximations of the estimated standard errors.

(a)Bootstrap estimates using  $k = 100$  replications,  $n =$  resample size, at trimmed  $N = 274$ .

Note: Values in parentheses are the design-unbiased approximations of the estimated standard errors.

(a)Bootstrap estimates using  $k = 100$  replications,  $n =$  resample size, at trimmed  $N = 277$ .

Note: Resample size =  $n$ .

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