Package: fpest (via r-universe)

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Type Package

Title Estimating Finite Population Total

Version 0.1.1

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Description Given the values of sampled units and selection
probabilities the desraj function in the package computes the
estimated value of the total as well as estimated variance.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

NeedsCompilation no

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Repository https://sampath1959.r-universe.dev

RemoteUrl https://github.com/cran/fpest

RemoteRef HEAD

RemoteSha bb9cd61e94e8eee9009d7769e83386e7ad5d413b

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desraj　　　　　　　　　　　　　　*Desraj Ordered Estimator*

Description

Desraj estimator computes the estimated value of a finite population total when values of the study variable for the sampled units and the corresponding selection probabilities are given as per the order of selection. It is meant for use in Probability Proportional to Size Without Replacement Sampling Scheme.

Usage

```
desraj(y, p)
```

Arguments

y　　　　　　　　vector of vaues of sampled units as per the order of selection

p　　　　　　　　vector of selection probabilities as per the order of selection

References

Sampath,S.(2005) Sampling Theory and Methods,Alpha Science International, Ltd

Examples

```
y<-c(16,13,12,10)
p<-c(0.21, 0.34, 0.12,0.10)
desraj(y,p)
```

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