

Package ‘Ssarkartrim’

November 13, 2025

Type Package

Title Trimmed-k Mean Estimator

Version 1.0.0

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Description Computes the trimmed-k mean by removing the k smallest and k largest values from a numeric vector. Created for STAT 5400 at the University of Iowa.

License GPL-3

Encoding UTF-8

RoxygenNote 7.3.3

Suggests knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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kTrimMean	<i>Compute Trimmed-k Mean</i>
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Description

This function calculates the trimmed-k mean of a numeric vector by removing the k smallest and k largest values.

Usage

```
kTrimMean(dat, k)
```

Arguments

<code>dat</code>	A numeric vector of data.
<code>k</code>	An integer indicating how many smallest and largest values to trim.

Value

The trimmed-k mean of the data. Returns NA if not enough data points.

Examples

```
set.seed(5400)
dat <- rexp(20, rate = 0.5)
kTrimMean(dat, k = 2)
```

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