

# Package ‘Ssarkartrim’

May 7, 2026

**Type** Package

**Title** Trimmed-k Mean Estimator

**Version** 1.0.0

**Date** 2025-11-08

**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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## Contents

kTrimMean . . . . .	1
<b>Index</b>	<b>3</b>

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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)
```

# Index

kTrimMean, 1