

How can I calculate the trimmed mean in Google Sheets?

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The trimmed mean is a statistical measure used to find the average of a dataset by removing a certain percentage of outliers from the data. In Google Sheets, the trimmed mean can be calculated by using the AVERAGE function with a specific formula to exclude the desired percentage of data points. This can be achieved by selecting the data range, using the AVERAGE function, and then specifying the desired percentage of data points to be excluded in the formula. The resulting value will be the trimmed mean of the dataset, providing a more accurate representation of the central tendency of the data. This feature in Google Sheets can be helpful in situations where extreme values may skew the overall average, allowing for a more accurate analysis of the data.

TRIMMEAN

Calculates the mean of a dataset excluding some proportion of data from the high and low ends of the dataset.

Sample Usage

```
TRIMMEAN(A2:A100,0.1)
```

```
TRIMMEAN({1,1,2,3,5,8,13,21,34,55},0.05)
```

Syntax

```
TRIMMEAN(data, exclude_proportion)
```

`data` - Array or range containing the dataset to consider.

`exclude_proportion` - The proportion of the dataset to exclude, from the extremities of the set.

`exclude_proportion` must be greater than or equal to 0 and less than 1.

See Also

HARMEAN: Calculates the harmonic mean of a dataset.

GEOMEAN: Calculates the geometric mean of a dataset.

AVERAGEA: Returns the numerical average value in a dataset.

AVERAGE: The AVERAGE function returns the numerical average value in a dataset, ignoring text.

Examples

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