? How can I use Google Sheets to calculate the T-Distribution value?

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Google Sheets is a powerful tool for data analysis and calculation. One of its useful features is the ability to calculate the T-Distribution value. The T-Distribution represents the probability distribution of t-statistics, which is commonly used in hypothesis testing. By utilizing specific formulas and functions in Google Sheets, users can easily obtain the T-Distribution value for a given set of data. This feature is particularly helpful for researchers, statisticians, and anyone looking to understand the significance of their data. With its user-friendly interface and efficient calculation capabilities, Google Sheets provides a convenient and reliable solution for calculating the T-Distribution value.

TDIST

Calculates the probability for Student's t-distribution with a given input (x).

Sample Usage

```
TDIST(A2, 30, 1)
```

```
TDIST(0.5, 1, 2)
```

Syntax

```
TDIST(x, degrees_freedom, tails)
```

`x` - The input to the t-distribution function.`degrees_freedom` - The number of degrees of freedom.`tails` - Specifies whether the calculated distribution will be one- or two-sided. (1 for one-tailed distributions, 2 for two-tailed distributions).

See Also

`NOMDIST`: The NORMDIST function returns the value of the normal distribution function (or normal cumulative distribution function) for a specified value, mean, and standard deviation.

`BINOMDIST`: Calculates the probability of drawing a certain number of successes (or a maximum number of successes) in a certain number of tries given a population of a certain size containing a certain number of successes, with replacement of draws.

`EXPONDIST`: Returns the value of the exponential distribution function with a specified lambda at a specified value.

`NEGBINOMDIST`: Calculates the probability of drawing a certain number of failures before a certain number of successes given a probability of success in independent trials.

`PROB`: Given a set of values and corresponding probabilities, calculates the probability that a value chosen at random falls between two limits.