

? How can I use the T.INV.2T function in Google Sheets?

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The T.INV.2T function is a statistical tool available in Google Sheets that allows users to calculate the inverse of the Student's t-distribution for a given probability and degrees of freedom. This function is useful for conducting statistical analysis and making informed decisions based on data. By inputting the appropriate values, users can determine the critical value for a two-tailed t-test. This function is easy to use and can be applied in a variety of scenarios, making it a valuable tool for data analysis in Google Sheets.

T.INV.2T

The T.INV.2T function calculates the inverse of the two-tailed TDIST function.

Sample Usage

```
T.INV.2T(0.35, 1)
```

```
T.INV.2T(A1, A2)
```

Syntax

```
T.INV.2T(probability, degrees_freedom)
```

probability - The probability associated with the two-tailed t-distribution.

Must be greater than 0 and less than 1.

degrees_freedom - The number of degrees of freedom.

Truncated to an integer in the calculation if a non-integer is provided as an argument.

Must be greater than or equal to 1.

Notes

T.INV.2T is to be used for the inverse of two-tailed TDIST functions.

T.INV.2T is synonymous with TINV.

To calculate the negative inverse of the one-tailed TDIST function, use T.INV.

Both arguments to T.INV.2T must be numeric or a destination cell whose value is numeric.

See Also

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

T.INV: Calculates the negative inverse of the one-tailed TDIST function.

Examples

In this example, **T.INV.2T** uses the probability associated with a Student's two-tailed t-distribution and degrees of freedom to return its result.

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