

How do I use the function DIST in Google Sheets?

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The function DIST in Google Sheets is a useful tool for calculating the distance between two or more points on a spreadsheet. To use this function, you must first select the cell where you want the result to appear. Then, type "=DIST(" into the formula bar and enter the coordinates of the points you want to measure the distance between. You can enter the coordinates manually or use cell references. Once all the coordinates are entered, close the parentheses and press enter. The result will be the distance between the points in the specified units. This function is particularly helpful in data analysis and can save time and effort in calculating distances manually.

F.DIST

Calculates the left-tailed F probability distribution (degree of diversity) for two data sets with given input x. Alternately called Fisher-Snedecor distribution or Snedecor's F distribution.

Sample Usage

```
F.DIST(15.35, 7, 6, TRUE)
```

```
F.DIST(A2, B2, C2, FALSE)
```

Syntax

```
F.DIST(x, degrees_freedom1, degrees_freedom2, cumulative)
```

x - The input to the F probability distribution function. The value at which to evaluate the function.

Must be a positive number.

degrees_freedom1 - The numerator degrees of freedom.

degrees_freedom2 - The denominator degrees of freedom.

cumulative - Logical value that determines the form of the function. Default value is **FALSE**.

If **TRUE**: **F.DIST** returns the cumulative distribution function.

If **FALSE**: **F.DIST** returns the probability density function.

Notes

Both **degrees_freedom1** and **degrees_freedom2** are truncated to an integer in the calculation if a non-integer is provided as an argument.

Both `degrees_freedom1` and `degrees_freedom2` must be greater than 1 and may not exceed 10^{10} .

`x`, `degrees_freedom1`, and `degrees_freedom2` must be numeric.

See Also

FDIST: Calculates the right-tailed F probability distribution (degree of diversity) for two data sets with given input `x`. Alternately called Fisher-Snedecor distribution or Snedecor's F distribution.

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.