

Standard Deviation Equation

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1 Summary

The standard deviation is used to calculate the average difference between each item in a specific set, no matter the order. The formula involves a summation of each item subtracted by the average, raised to the second power, and divided by the number of items in the set.

Formula: $= \sqrt{\sum |x - \mu|^2 / N}$

1.1 Using the program

More information on the program can be found in a HTML file named "index.html" inside of /html/ of this project or in a PDF file named "refman.pdf" inside of /latex/.