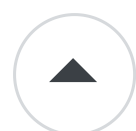


What's the correct term for "number of std deviations" away from a mean

Asked 16 years, 3 months ago Modified 16 years, 3 months ago

Viewed 1k times



3



I've computed the mean & variance of a set of values, and I want to pass along the value that represents the # of std deviations away from mean for each number in the set. Is there a better term for this, or should I just call it `num_of_std_devs_from_mean` ...



statistics



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asked Sep 17, 2008 at 2:56



Daniel H

10.2k ● 3 ● 21 ● 12

6 Answers

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Some suggestions here: [Standard score](#) (z-value, z-score, normal score)

but "sigma" or "stdev_distance" would probably be clearer



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answered Sep 17, 2008 at 3:08



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ckarras

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4



The standard deviation is usually denoted with the letter σ (sigma). Personally, I think more people will understand what you mean if you do say number of standard deviations.



As for a variable name, as long as you comment the declaration you could shorten it to `std_devs`.

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answered Sep 17, 2008 at 2:58

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[sigma](#) is what you want, I think.

4



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Kevin Little

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That is normalizing your values. You could just refer to it as the normalized value. Maybe `norm_val` would be more appropriate.

1

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neuroguy123

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I've always heard it as number of standard deviations

0

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[Deviation](#) may be what you're after. Deviation is the distance between a data point and the mean.

0

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