

Re: very basic question– t statistic

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- *From:* Richard Ulrich <Rich.Ulrich@xxxxxxxxxxx>
 - *Date:* Sat, 22 Oct 2005 19:25:05 –0400
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On Sat, 22 Oct 2005 18:00:13 EDT, Thomas <Thomasravenelli@xxxxxxxxxxx> wrote:

> I will rephrase the question. i have around 28 years of data
> for each year I calculate the probability of occurrence of an event (i.e the probability of an event occurring during one year) .Let me Call it PrA
> at the end i take the average of these probabilities sum PrA/28 and report the average (I will call it MeanA) .
My question is how to report a t test for MeanA? what r the dregrees of Freedom?

The most common thing called a t–test is a test to compare two means. You do not have two groups.

Another use of the t–statistic is to compare a value, such as a regression coefficient, to zero — by dividing the coefficient by its standard error. You do not have any coefficient that you would expect to be zero.

I do not see where you have anything that can use a t–test. What made you think you wanted a t–test?

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<http://www.pitt.edu/~wpilib/index.html>

• *References:*

- ◆ [*very basic question– t statistic*](#)
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