

Re: Do you want it?

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- *From:* "Greg Heath" <heath@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* 21 Aug 2006 03:55:04 -0700
-

Reef Fish wrote:

Greg Heath wrote:

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Greg Heath
wrote:

Reef
Fish
wrote:

I think
Greg's
attention
span is good
only for a
few lines.
So, I'll
snip all
except those
few line:

I
think
the
emphasis
in
a

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"sample variance" is that it is obtained from a SAMPLE of data values. The criterion of estimation does not alter the fact that they are all called "sample variance", as a short for of "sample estimate of the population sigma under criterion #".

What modifications to above discussion result

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when
the
population
mean,
M,
is
known
and
the
unbiased
estimate
for
the
covariance
matrix
is

S
=
 $\text{Sum}(X_i - M)(X_i - M)' / N$
?

Hope
this
helps.

You should
snip that
line from
your sig
file. What
you post
seldom
helps
anyone.

That's debatable.

In this case,
you're
asking a
question
that is
already
answered.

I inferred that it had been

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answered. However, I can't find where it had been directly asked. Therefore I made it a point to get a direct answer to a direct question. In particular,

"Does any part of the sample variance discussion change when the population mean is used instead of the sample mean?"

Simple direct question asked.

Simple direct answer expected, i.e., either "No" or "Yes, because ...".

A bit too advanced for you to figure out the logic, isn't it, that the answer is "NO" ?

I figured the answer had to be NO. However, I was not absolutely 100% sure. Therefore, for my benefit as well as others, I wanted a direct answer.

You S came from a SAMPLE didn't it?

Of course. However, that's not the point. See the word SAMPLE?

But that WAS the whole point.

That was YOUR point...which was well made. However, I was trying to clarify a condition upon which previous replies

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"appeared" to be based (if not from you, then someone else).

OK. Twice used by Jack the OP.

Then you should have asked Jack, and not MY post which emphasized only the SAMPLE aspects of it, and then make more noise about it.

Sorry, I didn't realize that you couldn't think outside of your own little box.

Namely, the repeated phrase "when the population mean is unknown". If that phrase deserved to be repeated, then certainly the clarification that nothing changes when the population mean is used is worthwhile.

Jack can answer you himself. But since your team-mate Afonso

Hey! You two have been dancing together for quite some time. I have never tried to tap you on the shoulder in the past...and never will in the future. That's one domestic disturbance I want no part of.

was fixated at N being the "sample variance", and nothing else, I think Jack's point has to do with the 1 d.f. difference between whether the population mean is known or unknown.

I'm sure it was.

That is why they are ALL called SAMPLE variances, for short.

Yep.

That's why your questions to MY statement were all irrelevant.

No, they weren't. Jack made some points and you made some more followup points. My question applied to both of you.

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Given your HISTORY of being able to drag out the simple correlation question for months (when you were wrong throughout), I think the best course (for both of us) is for you NOT to ask ME any questions, and if you ask, I'll just ignore it.

Your loss. Your free tuition has been withdrawn.

Oh, no, I am crushed. You are the most knowledgeable of everyone who ever posted to the sci.stat.* groups.

How will I ever find the correct answer to any of my questions if you don't reply?

Do you think ignoring my questions will make you feel better?

Oh, that's right. You're ignoring my questions.

HOWEVER, when you make statistical errors, like those made by Afonso and others, you'll be treated equally, in order for the innocent readers NOT to be led astray by your mistakes.

What a relief. I couldn't stand it if I knew you were never going to reply to any of my posts.

See ya.

Greg

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