Subject: Re: moment functions with dimen keyword
Posted by Spon on Thu, 20 Nov 2008 09:28:52 GMT

On Nov 20, 12:08 am, Jeremy Bailin <astroco...@gmail.com> wrote about:
> [...] making versions of the built-in MOMENT, MEAN,
> VARIANCE, STDDEV, SKEWNESS and KURTOSIS functions so that they accept
> a DIMEN= keyword that works as you'd expect.
>
> Or is this something that no one really needs
> anyway? :-)=
>
> -Jeremy.

Hi Jeremy,

this addition would definitely be much appreciated :-)

I think I would personally opt for giving the new functions different
names, just to prevent any back-compatability issues (deep nested mean
() calls in procedures that have _extra keywords set and suddenly
don't do what you're expecting, for example.)

Looking forward to this, it would simplify things greatly for me!

Thanks,
Chris

Subject: Re: moment functions with dimen keyword
Posted by pgrigis on Thu, 20 Nov 2008 14:34:53 GMT

I have done the same last year with moment....
and I am sure many others did! (to save execution
time, I added a keyword maxmoment, such that it
does not compute the kurtosis if I only need the average).

It's incredible how much time is wasted because
ITT will not implement such an obvious improvement
in an existing routine!

Ciao,
Paolo

Spon wrote:

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> Thanks,
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Subject: Re: moment functions with dimen keyword
Posted by Jeremy Bailin on Thu, 20 Nov 2008 14:40:16 GMT

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On Nov 20, 4:28 am, Spon <christoph.b...@gmail.com> wrote:
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> Thanks,
> Chris

Chris,

Actually, they are all renamed to MOMENT_D, MEAN_D, etc. Perhaps I
might distribute a shell script that you can run somewhere in your
path that goes and finds the built-in moment etc. functions, copies
them over, renames them to the _D versions, and then applies my
patches. That way I don't distribute any ITT code, but it's simple to
distribute my functions. At least, I could do that for Unix/Mac...
does Windows have the Bourne shell? (or patch, for that matter?) :-)=

-Jeremy.

-Jeremy.