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Subject: Re: Box-Whisker plots in IDL

Posted by [teich](#) on Mon, 20 Aug 2007 17:27:22 GMT

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On Aug 20, 1:10 pm, David Fanning <n...@dfanning.com> wrote:

> te...@atmsci.msrc.sunysb.edu writes:

>> Does anyone know of a way for IDL to make box-whisker plots? I know

>> IDL get calculate the median, but how about the 25th and 75th

>> percentiles which are needed for such a plot?

>

> See the histogram tutorial for a fast way to find the

> quartiles of a number distribution, which is what you

> will need to calculate the 25th and 75th percentiles.

> That is, the 25th percentile will be the median of the

> lower two quartiles of values, and the 75 percentile will

> be the median of the upper two quartiles.

>

> [http://www.dfanning.com/tips/histogram\\_tutorial.html](http://www.dfanning.com/tips/histogram_tutorial.html)

>

> The rest is just PLOTS commands. :-)

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks for the info!!!

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