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Subject: Re: Box-Whisker plots in IDL

Posted by [David Fanning](#) on Mon, 20 Aug 2007 17:10:47 GMT

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teich@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

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

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

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