
Subject: Re: Changing the symbol, color, etc., of "mean" indicator in box plots
Posted by [laura.hike](#) on Thu, 01 May 2014 19:22:20 GMT

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On Wednesday, April 30, 2014 9:04:05 PM UTC-7, Chris Torrence wrote:

> On Wednesday, April 30, 2014 4:54:46 PM UTC-6, laura...@gmail.com wrote:

>

>> Can anyone give me syntax for changing the symbol used to indicate the mean in box and whisker plots made using BOXPLOT? This is the first time I've used the new graphics methods and obviously I'm missing something.

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>> <http://www.exelisvis.fr/docs/boxplot.html> tells me to "use this graphic symbol (SYMBOL_MEANS) to control all of the symbol properties for the mean values, if specified. See SYMBOL for more information," but I really don't understand what's said on

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>> <http://www.exelisvis.fr/docs/symbol.html>

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>> I tried setting foo.symbol_means using

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>> foo.symbol_means = 'tu' setting symbol_means

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>> using the symbol command (symbol_means = symbol(locations, means, 'tu', target = 'foo') and even

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>> foo = symbol_means(locations, means, 'tu') (where 'foo' is the name of the original graphic
object).
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>> Most of the time the command was accepted but nothing changed in the plot. Any tips?
Surely there's a quick solution.
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>> Thanks!
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>> Laura H.
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> Hi Laura,
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> That symbol_means actually returns a Symbol object, which you can then manipulate. For
example:
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>
> b = boxplot(...)
>
> s = b.symbol_means
>
> print, s ; prints out all the properties
>
> s.symbol = "tu"
>
>

```

>
> This assumes that you have set the mean_values keyword when you created the box plot.
>
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>
> Cheers,
>
> Chris

Great, thanks! I assume I can also use these commands within a program. Having interactive graphics is nice for establishing layouts!
