
Subject: Re: Changing the symbol, color, etc., of "mean" indicator in box plots

Posted by chris_torrence@NOSPAM on Thu, 01 May 2014 04:04:05 GMT

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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.

Hi Laura,

That `symbol_means` actually returns a `Symbol` object, which you can then manipulate. For example:

```
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.

Cheers,
Chris
