
Subject: cgplotting points with error bars
Posted by [iary](#) on Fri, 31 Jan 2014 18:16:02 GMT
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Dear all,

there is something I didn't get in the new version of cgplot, maybe someone can help me.
After cgerrorplot being replaced by the new "err_" options in cgplot, I suppose to draw error bars with a command like the following:

```
cgplot, 0.5, 0.5, psym=9, err_yhigh=1., err_ylow=1., xrange=[0.,1.], yrange=[0.,1.]
```

this is just a naive example, but really in my work I find often error bars that go outside the axis range.

I tried to use noclip=0 to prevent error lines plotted outside the box, but without success.

Is there a solution, or I just have to fix it by hand (i.e., modifying err_ylow or err_yhigh values when they are too large)?

thanks in advance,

iary

Subject: Re: cgplotting points with error bars
Posted by [David Fanning](#) on Fri, 31 Jan 2014 18:44:44 GMT
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iary writes:

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> After cgerrorplot being replaced by the new "err_" options in cgplot, I suppose to draw error bars with a command like the following:
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>
> Is there a solution, or I just have to fix it by hand (i.e., modifying err_ylow or err_yhigh values when they are too large)?

You can find an updated version of cgPlot here, with an ERR_CLIP keyword. Set the keyword to 1 to clip the error bars to the clipping

boundary of the plot.

<http://www.idlcoyote.com/programs/cgplot.pro>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: cgplotting points with error bars
Posted by [iary](#) on Sun, 02 Feb 2014 14:54:28 GMT

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On Friday, January 31, 2014 7:44:44 PM UTC+1, David Fanning wrote:

> iary writes:

>

>

>

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>

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>

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>

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>

>

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>
> keyword. Set the keyword to 1 to clip the error bars to the clipping
>
> boundary of the plot.
>
>
>
> <http://www.idlcoyote.com/programs/cgplot.pro>
>

Thanks a lot!

iary
