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:

> 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)?

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
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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.")