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Subject: Re: cgHistoplot and multiplot

Posted by [David Fanning](#) on Mon, 09 Apr 2012 21:01:24 GMT

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DavidL writes:

> I updated cgHistoplot and multiplot to the latest versions. Still I get garbage in output.  
> When I plot on the x terminal I see just the x and y axis (and the y axis are not really the same and they both have labels). No data are shown.  
>  
> When I plot on ps device I see the data. The y axis is in common but with different scales. They both have labels and the title "Relative Frequency".

You are drawing the histogram bars in black. I presume on your terminal you are drawing in a window with a black background. The bars might be hard to see. :-)

I would remove the DataColorName keyword from your cgHistoplot commands and let cgHistoplot choose an appropriate color. (Or, erase with a white color.) Does that help?

If you want the Y range to be the same for the two plots, you can make them the same by using the same values with the YRANGE keyword.

If you want to turn the Y axes labelling off, set the YTICKFORMAT to '(A1)', rather than what you have.

This code works for me:

```
erase
val1 = cgdemodata(5)
val2 = cgdemodata(7)
multiplot,[2,1]
  cgHistoplot, val1, yrange=[0,0.5], /FREQUENCY, $
    YTICKFORMAT='(A1)', YTitle="", DataColor='opposite'
multiplot
  cgHistoplot, val2, yrange=[0,0.5], /FREQUENCY, $
    YTICKFORMAT='(A1)', YTitle="", DataColor='opposite'
multiplot,[1,1],/init,/verbose
end
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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