
Subject: adding legend to overlapping cghistoplot histograms

Posted by [Jahvasc](#) on Mon, 17 Mar 2014 13:15:51 GMT

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Hi,

I tried to add a legend to a plot made with two overlapping histograms but I couldn't. I'm using basically what is described in David Fanning's page

http://www.idlcoyote.com/graphics_tips/overlaphisto.html. Can anyone help me with this?

Thanks in advance,

Jaqueline

Subject: Re: adding legend to overlapping cghistoplot histograms

Posted by [Matthew Argall](#) on Mon, 17 Mar 2014 13:21:18 GMT

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Can you give us an idea of what you are doing and what is going wrong? Perhaps include the program you wrote...

Subject: Re: adding legend to overlapping cghistoplot histograms

Posted by [Jahvasc](#) on Mon, 17 Mar 2014 15:10:09 GMT

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Em segunda-feira, 17 de março de 2014 14h21min18s UTC+1, Matthew Argall escreveu:

> Can you give us an idea of what you are doing and what is going wrong? Perhaps include the program you wrote...

Ok, here is the program:

```
items=['Disk stars','Diskless stars']
```

```
if(kd ne !NULL) then $  
  cgHistoplot,P[kd],binsize=0.5,xrange=[0.,16.],$  
  max_value=maxvalue,$  
  /fill,polycolor=['light coral']
```

```
cgHistoplot,P[kdl],binsize=0.5,/oplot,$  
xrange=[0.,16.],/fill,polycolor=['royal blue']
```

```
firstPlot=cgsnapshot()
```

```
cgHistoplot,P[kdl],binsize=0.5,xrange=[0.,16.],/fill,$  
  max_value=maxvalue,polycolor=['royal blue']
```

```
if(kd ne !NULL) then $
```

```
cgHistogram, P[kd], binsize=0.5, /fill, $  
/oplot, xrange=[0., 16.], polycolor=['light coral']
```

```
secondPlot=cgsnapshot()
```

```
cgBlendimage, firstPlot, secondPlot, ALPHA=0.75
```

```
AL_legend, items, PSym=16, charsize=1., /window, $  
SymSize=1, Color=['light coral', 'royal blue'], pos=[7., 15000]
```

Then I got the message "A cgwindow does not exist to add a command to". But I cannot figure out which options I should use in order to have the blending and the legend.

Thank you for your attention,
Jaqueline

Subject: Re: adding legend to overlapping cghistogram histograms
Posted by [David Fanning](#) on Mon, 17 Mar 2014 15:30:59 GMT
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Jahvasc writes:

> Then I got the message "A cgwindow does not exist to add a command to". But I cannot figure out which options I should use in order to have the blending and the legend.

Remove the WINDOW keyword on you AL_Legend command.

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: adding legend to overlapping cghistogram histograms
Posted by [Jahvasc](#) on Mon, 17 Mar 2014 15:38:33 GMT
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I did that, but then I got only the last item...
But the problem was that I was ill-defining the "items" parameter..

Sorry to take your time with such a silly question.
Thank you all,
Jaqueline

Em segunda-feira, 17 de março de 2014 16h30min59s UTC+1, David Fanning escreveu:

> Jahvasc writes:

>

>

>

>> Then I got the message "A cgwindow does not exist to add a command to". But I cannot figure out which options I should use in order to have the blending and the legend.

>

>

>

> Remove the WINDOW keyword on you AL_Legend command.

>

>

>

> Cheers,

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> 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.")