

---

Subject: Re: cgHistoplot and multiplot

Posted by [DAVIDE LENA](#) on Mon, 15 Oct 2012 15:32:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I am trying to plot two histograms on a eps file using cgHistoplot and the few lines listed below. The plot comes out nicely on the X terminal, yet on the eps file it is just a mess...

Anybody knows how to fix it?

Thanks in advance.

```
SET_PLOT, 'ps'
```

```
erase
```

```
multiplot,[2,1]
```

```
DEVICE, /encapsulated, BITS_PER_PIXEL=8, FILENAME = patheps +
```

```
strcompress('sigma.eps',/remove_all), /portrait, FONT_SIZE=15, /color, xsize=30, ysize= 20
```

```
multiplot
```

```
cgHistoplot, map1[w1], BINSIZE = 5., XRANGE = xr, YRANGE=yr, YTICKFORMAT='(F4.2)',  
YTITLE="", DataColor='green', /FREQUENCY, /OUTLINE
```

```
multiplot
```

```
cgHistoplot, map2[w2], BINSIZE = 5., XRANGE = xr, YRANGE=yr, YTICKFORMAT='(A1)',  
YTITLE="", DataColor='green', /FREQUENCY, /OUTLINE
```

```
multiplot, [1,1], /init
```

On Thursday, June 28, 2012 2:50:09 PM UTC-4, David Fanning wrote:

```
>  
>  
>  
>> I had cgHistoplot working fine with multiplot for a while. At some point it stopped working...
```

```
>  
>> I have the updated versions of multiplot and cgHistoplot.
```

```
>  
>> What is happening is that all the histograms are drawn on the same reference frame and only  
one reference frame is represented. Though multiplot works perfectly well when I use just plot. I  
also tried to overplot the histogram but it does not work.
```

```
>  
>> I am running something like that:
```

```
>  
>>  
>  
>> SET_PLOT, 'x'
```

```
>  
>> erase
```

```
>  
>> multiplot,[1,3]
```

```

>
>>  cgHistoplot, map1, XRange=xr, /FREQUENCY, YTickFormat='(F4.2)', /OUTLINE
>
>>  multiplot
>
>>  cgHistoplot, map2, XRange=xr, /FREQUENCY, YTickFormat='(F4.2)', YTitle="",
/OUTLINE
>
>>  multiplot
>
>>  cgHistoplot, map3, XRange=xr, /FREQUENCY, YTickFormat='(F4.2)',
XTickFormat='(F5.1)', YTitle="", /OUTLINE
>
>>  multiplot,[1,1],/init,/verbose
>
>>
>
>> Any suggestion?
>
>
>
> Whoops! My fault.
>
>
>
> I recently had reason to add a default positioning statement to
>
> cgHistoplot. I realized I couldn't do it if !P.Multi was being
>
> used, but since I don't use Multiplot myself, I didn't realize
>
> I also couldn't do it if the user is using !P.Position (which
>
> is how Multiplot works).
>
>
>
> Fixed now. You can find the latest version here:
>
>
>
> http://www.idlcoyote.com/programs/cghistoplot.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 thui. ("Perhaps thou speakest truth.")

---