
Subject: output from cghistoplot draws outline correctly but the fill is shifted!?

Posted by [munka](#) on Thu, 21 May 2015 21:00:16 GMT

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Hi y'all,

I'm using cghistoplot to make some histograms but a funny thing happens. One of my plots has the color filling shifted by one bin!

<http://i.imgur.com/9llvkQZ.png>

The outline is in the correct spot but the fill isn't. If I switch to line_fill it seems to work

<http://i.imgur.com/h6cWxFt.png>

Even when I'm not plotting 3 plots the same data still causes this shift

Here is the bit where I plot the center plot...

```
cghistoPlot, 10^tbl.sfr,ytitle="",xr=[0,180],$  
  yr=[0,100],xtitle='SFR' ,pos=midplotpos,ytickname=replicate(' ',10),xtickname=["","","","",""],$  
  mininput=0.0,binsize=5.0,maxinput=180.0,DATACOLORNAME='black ',/noerase,$  
  thick=8,/outline,/FILLPOLYGON,polycolor='dodger  
blue',histdata=histdatas1,locations=locationss1,$  
  yminor=10
```

```
index=where(10^(sfrarr) gt 0.01 and 10^(sfrarr) lt 250)  
cghistoPlot, 10^(sfrarr[index]),$  
  mininput=0.0,binsize=5.0,maxinput=180.0,/oplot,$  
  THICK=8,/fill,datacolorname='black',/outline,polycolor='red' ,$  
  line_thick=18,orientation=45
```

I'm not sure what is going wrong. I copy-pasted the code for each of the plots and only changed the plotting ranges and the data plotted. Does anyone have any clue as to whats going on here?

here is the whole code

<http://pastebin.com/4zUA2dW7>
