
Subject: Re: cgHistoplot and logarithmic axes

Posted by [David Fanning](#) on Wed, 11 Apr 2012 19:10:25 GMT

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Kwill writes:

> I've been using David's excellent CG package for a while now, and have a question regarding cgHistoplot and logarithmic axes. I would like to make a histogram with logarithmic values on the y-axis (the histogram density). cgHistoplot will accept /YLOG as a keyword and plots the values, but the top axis is always misplaced; it appears in the bottom 25% of the plot. Any tips as to how this can be fixed?

>

> My version of cgHistoplot was last updated on 8 Nov 2011. Example code:

>

> IDL> x = randomu(seed,1000)

> IDL> cgHistoplot, x, min_val=1, /ylog

Alright, see what you think of this:

<http://www.idlcoyote.com/misc/cghistoplot.pro>

If it works, and doesn't bugger everything else up,
I'll check it in.

I've defined a new LOG keyword to represent the histogram
count on a logarithmic scale.

```
x = randomu(seed,1000)
cgHistoplot, x, /fill, binsize=0.1, /log
```

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.")
