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Subject: Re: cgHistoplot and logarithmic axes  
Posted by [willett](#) on Tue, 22 May 2012 17:00:08 GMT  
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On Thursday, April 19, 2012 8:24:05 AM UTC-5, David Fanning wrote:

> David Fanning writes:

>

>>

>> 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

>

> Any reaction whatsoever to this updated program? Should

> I check it in?

My apologies for not checking this for so long, David. The fix on my computer looks excellent (and it appears that you checked it into the latest CG version). Thanks for doing this.

- kw

>

> 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.")

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