
Subject: Re: cgHistoplot and logarithmic axes
Posted by [David Fanning](#) on Thu, 19 Apr 2012 13:24:05 GMT
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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?

Cheers,

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 thui. ("Perhaps thou speakest truth.")
