Subject: Re: HistoPlot Bug ?
Posted by edwinretana on Sat, 14 Mar 2009 03:24:30 GMT

On Mar 13, 9:15 pm, edwinret...@gmail.com wrote:
> Hi Again :
>
> I am using Histoplot, with some parallax data but the histogram does
> appear to be misaligned...
>
> Here you can see the pshttp://www.sendspace.com/file/b0mn0y
>
> Also can edit the label axis of the histogram ?
>
> Thanks.

I use this command to use histoplot

Histoplot,float(parallax),BINSIZE=1.33,/LINE_FILL, $
        POLYCOLOR=['charcoal', 'dodger blue', 'navy', 'forrest
green']

Subject: Re: HistoPlot Bug ?
Posted by edwinretana on Sat, 14 Mar 2009 03:24:41 GMT

Subject: Re: HistoPlot Bug ?

Posted by David Fanning on Sat, 14 Mar 2009 03:36:04 GMT

edwinretana@gmail.com writes:

> I am using Histoplot, with some parallax data but the histogram does
> appear to be misaligned...
>
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>
> Also can edit the label axis of the histogram ?

Yes, there is some problem with Histoplot that I haven't
been able to get to the bottom of yet. I'm not sure I'll
have time to look at it anytime soon, either. (I'm basically
going crazy with a Statistics course on top of everything
else I'm trying to do, and homework has become a BIG priority.)

I've actually been thinking of re-writing this, when I get
the time, in light of some new statistical thinking I have
been doing. In any case, with certain data I have seen the
kind of problem you describe before.

It would help if I could get ahold of the data set you
are using. With the data I have around here, HistoPlot
always works perfectly. ;-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: HistoPlot Bug ?
Posted by edwinretana on Sat, 14 Mar 2009 19:27:59 GMT

On Mar 13, 9:36 pm, David Fanning <n...@dfanning.com> wrote:
> edwinret...@gmail.com writes:
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>> appear to be misaligned...
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> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

I'm using binsize = 1.33

This is the data :

8.2100000	3.2000000	6.8700000	8.8500000
9.9700000	6.2400000	9.2100000	5.9100000
7.2900000			
18.790000	6.6600000	9.4800000	10.010000
9.7500000			
9.7600000	8.8000000	8.8700000	8.7500000
9.6800000			
9.0600000	8.4300000	8.5000000	9.2100000
9.0800000			
4.7300000	6.6600000	16.100000	8.3500000
9.8700000			
8.8700000	9.0500000	7.6100000	4.4200000
9.6400000			
6.9000000	2.5400000	5.2700000	13.440000
8.5700000			
8.4200000	8.0200000	10.120000	8.5800000

10.140000
  6.3000000   26.910000   16.960000   9.8300000
24.720000
  4.7600000   7.5600000   37.250000   25.340000
8.5700000

Thanks.

Subject: Re: HistoPlot Bug ?
Posted by David Fanning on Sat, 14 Mar 2009 20:47:35 GMT

David Fanning writes:

> I've actually been thinking of re-writing this, when I get
> the time, in light of some new statistical thinking I have
> been doing. In any case, with certain data I have seen the
> kind of problem you describe before.
>
> It would help if I could get ahold of the data set you
> are using. With the data I have around here, HistoPlot
> always works perfectly. ;-)

OK, homework can wait, I guess. :-(

I completely gutted the drawing code of Histoplot and gave
up trying to squeeze the round IDL histogram into the
square hole of an IDL plot configuration. I just draw the
darn thing now from first principles. Works a hell of a lot
better. :-)

As far as I can tell, it works exactly they way it used
to work, only correctly. It certainly works with the data
you sent me. I'd be curious to know if anyone else has
a problem, although I would appreciate if you could wait
to report it until after the mid-term next week.

You can find the new version here:

 http://www.dfanning.com/programs/histoplot.pro

Cheers,

David

--
David Fanning, Ph.D.

Fanning Software Consulting, Inc.
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