
Subject: Re: histogram

Posted by [rinceboy](#) on Wed, 12 Aug 2009 11:00:16 GMT

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Won't including a max and min unrealistically skew the histogram by introducing false data? e.g. the first dataset ranges between (-50:22) and the second between (-70:24). By using the same max and min, say -70 and 24 then you're biasing both histograms

On Aug 11, 6:17 pm, David Fanning <n...@dfanning.com> wrote:

> rinceboy writes:

>> I'm using IDL to make and overplot histograms of temperature. I create
>> the first histogram from my first dataset and plot it. Then I overplot
>> another histogram from the second dataset. I use a common binsize of 5
>> degreesK for both. My problem is that the bin-bounds don't align e.g.
>> for my first histogram, say, a 5K bin is aligned between 20-25K,
>> however for the second dataset the 5K bin is aligned between 22-27K.

>

>> My question is: how to I have a common bin-alignment between the two
>> datasets?

>

> Set the MIN and MAX keywords on the two HISTOGRAM
> commands to the same values.

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Coyote's Guide to IDL Programming (www.dfanning.com)

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
