
Subject: Re: Histogram saga

Posted by [JD Smith](#) on Mon, 22 May 2006 19:44:53 GMT

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On Mon, 22 May 2006 07:26:50 -0600, David Fanning wrote:

> Daelomin writes:

>

>> I just looked at all the archives with histogram related problems..

>>

>> I am quite surprised to see that it's not fixed in 6.2. I recently had a

>> problem with my data: I plot 86140 points of data that range from [8,75]

>> but somehow IDL creates bogus values between 0 & 8 !!

>>

>> If I include another point in the array (say array2=fltarr(86141) &

>> array2[0:86139]=array1[*]) which value is 0, I then get the proper

>> histogram I would have expected. Namely it has a flat line between 0 & 8

>> and picks up at the minimum...

>>

>> I just find this really really weird...

>

> Well, we'll add it to the list... :-)

>

> Pretty much everyone, by now, has learned how to fudge the HISTOGRAM

> output to get something that looks more like a histogram plot. Here is how

> I do it:

That's just a deficiency of the PSYM=10, and is a plotting issue (one we all come across eventually). The original poster claims HISTOGRAM is inventing values where there are none. I find this highly doubtful. Try LOCATIONS=I and ensure your bin locations are where you think there are.

JD
