Subject: Re: histograms in 2D
Posted by David Fanning on Fri, 02 Sep 2005 10:21:08 GMT
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Tim Lamont-Smith writes:

> I have some fairly sparse x-y scatter data, which I want to histogram.
> In other words, I want a lego style surface plot where the z-axis shows
> the frequency of the points in each x-y bin. Has anyone written a
> programme to do this before?
> Maybe this is straightforward but hist-2d doesn't seem to be what I'm
> looking for.

I guess you have probably tried the LEGO keyword on a SURFACE
command, huh?

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: histograms in 2D
Posted by Michael Wallace on Fri, 02 Sep 2005 15:34:21 GMT
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Tim Lamont-Smith wrote:
> I have some fairly sparse x-y scatter data, which I want to histogram.
> In other words, I want a lego style surface plot where the z-axis shows
> the frequency of the points in each x-y bin. Has anyone written a
> programme to do this before?
> Maybe this is straightforward but hist-2d doesn't seem to be what I'm
> looking for.

How is your data structured? If you only had x/y data points (i.e. a
vector of x values and a vector of y values), hist_2d should do exactly
what you want. So, why does hist_2d not do what you want it to?

-Mike

Subject: Re: histograms in 2D
Posted by Tim Lamont-Smith on Mon, 05 Sep 2005 02:04:38 GMT
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Very humble apologies. I now can't even remember why/how I thought
hist_2d didn't work. It can only have been incompetence; that and the
fact it was my birthday. (Old age/senility etc)

Cheers, Tim