
Subject: Re: normal probability plot
Posted by [Russell\[1\]](#) on Fri, 13 Mar 2015 15:29:31 GMT
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On Friday, March 13, 2015 at 3:46:42 AM UTC-4, diet...@gmail.com wrote:

> Dear IDL users,

>

> I would like to make in IDL a normal probability plot: The x-axis is just a log-scale, while the y-axis is a special axis, chosen in such a way that when the data are normally distributed, it would tend to yield a straight line. I find on the net that it is possible to create such a plot in 'matlab (normplot)' or in 'R', but because I am used to work in IDL, i was wondering if you know of such a possibility?

I've never heard of doing such a thing, but this would be my first guess...

Whenever I hear that a there is a straight line in a plot, I think you're plotting x vs. x to some extent. That said, I would think something like this might be what you're after

```
h=histogram(randomn(seed,10000),locations=b,min=-5,max=5,bin =0.1)
```

```
plot,exp(-0.5*b^2),h,ps=2
```

Is that close to what you had in mind?

-Russell
