
Subject: Re: Frustrated by 2 Data Plotting problems
Posted by [Paul Van Delst\[1\]](#) on Fri, 27 May 2011 18:14:09 GMT
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David Fanning wrote:

> almost_like_a_metaphor writes:

>

>> The CGplot solutoion also works quite well, but slow. I currently have

>> ~400,000 points to plot, and will end up with probably an order of

>> magnitude more before this is done with.

>

> I hate to be a spoil sport, but what is the point

> of putting 4 million points on a plot!? Don't some

> of them, uh, overlap? Think "visualization" rather

> than "By God I have the data and I'm gonna plot it!".

Dunno about the OP, but plotting lots and lots of points (i.e. scatter plot) can tell you a lot about the relationships

in, and between, datasets. Especially if datasets derived using different algorithms/input-data/whatever are

scatter-plotted with different colours. (a meaningless scatterplot scenario: red points show a linear dependency with a

negative bias, the blue quadratic with a positive bias, and the green linear/+ve bias for low wind speeds, but inverted

quadratic for higher windspeeds)

I could also see plotting individual points using a color gradient to include, say, time information in said

scatter-y-type plot.

It wouldn't be the only way I would look at a dataset, but it is still a useful visualisation of the data.

cheers,

paulv
