
Subject: Overlaying bar plot on line plot

Posted by [Matt\[1\]](#) on Mon, 26 Apr 2010 15:56:25 GMT

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Hi

I am trying to overlay a bar plot on a line plot. Unfortunately, my tick marks on the x-axis are not lining up. I think this is because the bars are fatter, so the first tick related to the bars is placed a bit further to the right. I have tried plotting without using tick marks, but this is still not acceptable since the plots don't line up properly. Currently, I am creating the plot with a call to PLOT and use the /nodata keyword, I then add my line data using OPLOT with psym=-3, and finally add the bar graphics using BAR_PLOT with the /overplot keyword. I am using monthly precipitation data for a year, so there are 12 values for the x-axis. Is there a better way to do this?

interestingly, when I create the plot for a longer time period of 25 months I don't have this problem at all and the tick marks line up perfectly. I am using the same commands for both plots.

Anyone have experience with this type of thing? Thanks.
