

---

Subject: Re: Custom X Aix with Barplot

Posted by [tballinger6](#) on Mon, 09 Nov 2015 14:21:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Wednesday, November 4, 2015 at 4:12:48 PM UTC-6, Zachary Norman wrote:

> Hi Tom,  
>  
>  
> Here is an easy way that I can think of to do this:  
>  
> FULL = [5229.22, 5231.94, 5248.80, 5307.62, 5428.88, \$  
>       5533.35, 5595.26, 5561.39, 5452.43, 5321.89, 5252.18, 5225.34]  
>  
> ;Months are commented out within script  
> monthnumber = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]  
>  
> ; Define the first barplot and the axes and titles  
> b1 = BARPLOT(monthnumber, FULL, FILL\_COLOR='gold', \$  
>       YRANGE=[5200, 5700], YMINOR=0, YTITLE='Geopotential Heights (m)', \$  
>       XTITLE='Months', XMAJOR = 14, xminor = 0, TITLE="", XRANGE = [0,13])  
>  
> ;manually replace the ticknames (labels)  
> ticklabels =["J", "F", "M", "A", "M", \$  
>        "J", "J", "A", "S", "O", "N", "D"]  
> xaxis = (b1.axes)[0]  
> xaxis.tickname = ticklabels  
>  
> The idea is just to replace the ticknames for the x axis with the abbreviations for the months of  
the year. Hope this helps!  
>  
> -Zach (Exelis VIS)

Hi Zach,

That makes sense and helps a lot!

Thanks so much,

Tom

---