
Subject: Re: Symsize doesn't seem to work?

Posted by [Jeremy Bailin](#) on Sun, 22 Mar 2009 12:55:47 GMT

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On Mar 20, 10:26 pm, Chris <beaum...@ifa.hawaii.edu> wrote:

> On Mar 20, 3:42 pm, stefan5...@hotmail.com wrote:

>

>

>

>> Dear all,

>

>> I'm trying to make plots with the post script device, and am trying to
>> increase the size of my psym=3 circular points to something that is
>> actually visible when saved as a .ps, but it doesn't seem to have any
>> effect. Can anyone see why from the below code? :

>> FOR i=0,a-1 DO BEGIN

>

>> !P.MULTI=0

>> SET_PLOT,'PS'

>> DEVICE,/ENCAPSULATED,FILENAME=string(filefolder)+'/'+'Star'+string

>> (FORMAT='(I0)',ensarray[1,0,i])+'.ps',/color,bits_per_pixel= 8

>> loadct,13

>

>> plot,ensarray[0,*,i],ensarray[3,*,i],

>> \$

>> psym=3,yrange=[min(ensarray[3,*,i]),max(ensarray

>> [3,*,i]),color=0,symsize=10.0,\$

>> xtitle='HJD - 2450000',\$

>> ytitle='dMag',\$

>> title=' "Intrinsic Photometric Variability" of Star '+string

>> (FORMAT='(I0)',ensarray[1,0,i]),\$

>> YSTYLE=8

>> AXIS,yaxis=1,yrange=[min(nofailarray[1,*,*]),max(nofailarray

>> [1,*,*]),/SAVE,ytitle='Airmass' ;Plots the right axis

>> oplot,nofailarray[0,*,0],nofailarray[1,*,0],psym =

>> 3,color=120,LINestyle=3

>

>> ENDFOR

>

> psym = 3 draws a single point, for which symsize do anything. Try

> another psym choice

>

> chris

If you want a filled circle (which is not the same as a dot!), I'm sure several people have written routines that do this... for example, with jbsymbol (<http://astroconst.org/jbiu/jbiu-doc/plot/jbsymbol.html>) you could do:

jbsymbol, 6, /fill

and then use psym=8 and symsize=whatever.

-Jeremy.
