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Subject: Re: Add diagonal 1:1 line in a plot?

Posted by [David Fanning](#) on Tue, 08 May 2007 03:33:55 GMT

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DirtyHarry writes:

```
> Goodday, Everyone.  
>  
> I am writing a classical scientific paper comparing MODIS-retrieved  
> data with ground measured data. I found several papers on this. Almost  
> all of those papers have figures with 1:1 diagonal lines, and I want  
> to draw this with IDL.  
>  
> I tried this way.  
>  
> pro OneOne ; Display 1:1 line  
>  
> device, decomposed=0, set_font='arial*24*bold'  
> loadct, 30  
>  
> window, xsize=700, ysize=700  
>  
> readcol, 'dat.txt', nws, mod07, format='F, F'  
> n=n_elements(nws)  
>  
> vsym, 24  
> plot, nws, mod07, psym =2, title ='1:1 line - NWS vs MOD07', xtitle =  
> 'NWS', ytitle = 'MOD07', xrange = [-5, 10], yrange = [-5, 10]  
>  
> end  
>  
> Now I got a plot with several dots. However, still I don't know how to  
> add the diagonal 1:1 line. Please give me a suggestion. Thanks.
```

OPlot, [-5, 10], [-5, 10]

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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