
Subject: Oddities with the linfit function

Posted by [wdolan](#) on Thu, 06 Aug 2015 21:51:18 GMT

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I've got an array for X, and an array for y.

so I do this

```
plot, x,y, psym=1  
result=linfit(x,y)  
print, result
```

and instead of getting the usual 2 things that are the m and the b of the $y=mx+b$, I get three. The first two things I think are the m and b, and the third thing I thought was the r^2 . But if I multiply the x value by -1 so everything flips, then do linfit, I get the identical third value, but negative...

Not sure why I get three things, and I'm not sure how to get the real r^2 value.

Thanks for your help!
