
Subject: Re: Equivalent of EXCEL LINEST function?
Posted by [Craig Markwardt](#) on Sat, 21 Apr 2001 00:30:05 GMT
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Bruce Bowler <bbowler@bigelow.org> writes:

```
> So it is... now for "stupid question #347" (tm).  
>  
> How do I turn a vector (which is what I have for x) into an array?  
>  
> help, x  
> x float = array[12345]  
> help, y  
> y float = array[12345]  
> weight = replicate(1.0,n_elements(y))  
> help, weight  
> weight float = array[12345]  
> result = regress(x,y,weight,/relative_weight)  
> % REGRESS: Incompatable arrays.  
>  
> Looking at the code for regress, the only condition I violate to cause  
> that message is that my X is only 1 dimenesion, not 2...
```

Probably you want to REFORM the vector into an array (= reform(x,1,n))

However using REGRESS may be like killing a fly with a shotgun, a bit of overkill.

Why not use LINFIT and CORRELATE, which standard IDL functions?

```
p = linfit(x,y, sigma=dp) ;; DP are parameter uncertainties  
r2 = correlate(x,y)
```

Done!

Craig

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