
Subject: Re: Equivalent of EXCEL LINEST function?
Posted by [Bruce Bowler](#) on Fri, 20 Apr 2001 18:05:44 GMT
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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 dimension, not 2...

Hey it's late Friday and my brain is mush, I can't see straight, and my back hurts, what can I say???

Bruce

Med Bennett wrote:

```
>
> I believe the IDL function is REGRESS or REGRESSION, I haven't checked
> lately though.
>
> Bruce Bowler wrote:
>
>> I'm probably just having a brain cramp but I can't figure out how to do
>> something that seems as simple as the EXCEL function LINEST.
>>
>> Basically, I have an X vector and a Y vector and I want to find the
>> linear "best fit" function, the r^2 of that fit, and the standard errors
>> of all the parameters. (I could do it all by writing my own routines,
>> but I'm *SURE* that someone has already done it, you know, steal from
>> your friends :-))
>>
>> Thanks!
>> Bruce
```
