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Subject: Re: linfit and regress questions

Posted by [rlayberry](#) on Mon, 12 Nov 2007 10:02:52 GMT

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On 11 Nov, 16:49, hradilv <hrad...@yahoo.com> wrote:

> On Nov 11, 10:42 am, rlaybe...@hotmail.com wrote:

>

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>

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>> On 11 Nov, 16:37, hradilv <hrad...@yahoo.com> wrote:

>

>>> On Nov 11, 10:27 am, rlaybe...@hotmail.com wrote:

>

>>>> Hi

>

>>>> I am interested in fitting a line of the form  $y=mx+c$  using regress or

>>>> linfit. I want the option of fixing the value of  $c$  at zero. Can I do

>>>> this in either of these 2 functions or would I need to use something

>>>> else?

>

>>>> Thanks

>

>>>> Russ

>

>>> Just write it yourself:

>

>>>  $mhat = total(x*y)/total(x*x)$

>

>>> [http://mallit.fr.umn.edu/fr5218/reg\\_refresh/origin.html](http://mallit.fr.umn.edu/fr5218/reg_refresh/origin.html)

>

>> thanks. is that really true? this gives the best fit? great, that's

>> one problem solved. what about if I want to set the intercept to  $c1$ ?

>

>> russ

>

> Transform the data?

>

>  $mhat = total(x*(y-c1))/total(x*x)$ - Hide quoted text -

>

> - Show quoted text -

thanks hradilv, you've saved me a few hours!

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