
Subject: Re: linfit and regress questions

Posted by [Vince Hradil](#) on Sun, 11 Nov 2007 16:49:25 GMT

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

> 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

>

> 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?

$mhat = total(x*(y-c1))/total(x*x)$
