
Subject: Re: fitting with asymmetric errors?
Posted by [pgrigis](#) on Fri, 07 Jan 2011 18:37:16 GMT
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Hi,

if the errors are asymmetric, it means that the underlying distribution is non-gaussian.

Now most of the machinery used for error propagation, fitting, etc. assumes gaussian errors.

Therefore, I would think you may need to move beyond those simple methods if you want to get good results.

You may have to use an approach that models both data and errors.

Ciao,
Paolo

On Jan 7, 11:46 am, Elizabeth <bartlett....@gmail.com> wrote:

> Hi all,
> I'm trying to fit a curve to a data set with asymmetric errors. I
> usually use mpfitexpr when fitting, but cannot see a way to input
> anything other than symmetric errors (though this is could well be a
> problem with my understanding rather than the routine!). If mpfitexpr
> is not the task for the job, is there another routine you would
> suggest?
>
> Thank you very much for your time! :)
> Liz
