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Subject: Re: How to determine the WEIGHTS in MPFITFUN for distribution function fit?

Posted by [Craig Markwardt](#) on Thu, 06 Sep 2007 18:26:20 GMT

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hradilv <[hradilv@yahoo.com](mailto:hradilv@yahoo.com)> writes:

- > Boy, that's a good question ... Here are some questions for you.
- > How do you measure the counts? How sure are you of the number of
- > counts?
- > If they are truly counts, the errors may be Poisson distributed, yerr
- >  $\sim 1/\sqrt{y}$ . Have you tried this?

If Y is measured counts, then the YERR should be  $\sim \sqrt{Y}$ , right?

But overall I agree, the original poster needs to specify how the numbers were measured in order to estimate the measurement error.

Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
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