
Subject: Re: MPFIT Chance probability
Posted by [Craig Markwardt](#) on Mon, 21 Jun 2010 01:10:35 GMT
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On Jun 20, 2:42 pm, Fermiona Fermiona <fermion...@gmail.com> wrote:
> Hello,
>
> Can I get the chance probability using MPFIT?

It's unclear which "chance probability" you mean.

I supply a routine on my web-site called MPCHITEST, which gives the probability of a chi-square distribution to exceed a certain value, such as your fit value. One can also set limits using MPCHILIM. After MPCHITEST was written, IDL also published their own routines such as CHISQR_PDF, CHISQR_CVF, etc.

Happy fitting,
Craig Markwardt

Subject: Re: MPFIT Chance probability
Posted by [Fermiona Fermiona](#) on Mon, 21 Jun 2010 18:15:31 GMT
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Sorry I wasn't clear!

I meant the probability that the chi-square value I got from the fit was a result of chance.

So if I used mpfit would the chance prob. be MPCHITEST(bestnorm/dof,dof)?

Thank you again!

Subject: Re: MPFIT Chance probability
Posted by [Craig Markwardt](#) on Tue, 22 Jun 2010 05:20:26 GMT
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On Jun 21, 2:15 pm, Fermiona Fermiona <fermion...@gmail.com> wrote:
> Sorry I wasn't clear!
>
> I meant the probability that the chi-square value I got from the fit
> was a result of chance.
>
> So if I used mpfit would the chance prob. be MPCHITEST(bestnorm/

> dof,dof)?

The function contains documentation and examples, you know...

Craig
