
Subject: Re: mpfit: meaning of status flag

Posted by [Maarten\[1\]](#) on Tue, 01 May 2007 10:03:18 GMT

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On Apr 27, 6:32 pm, Craig Markwardt wrote:

> As you suspect, neither MPFIT nor MPFITFUN touches the "X" values. As
> I note on my FAQ, check the ERRMSG keyword for a text description of
> the problem. Usually you have specified a model parameter outside of
> its limits or something like that.

the errmsg string is empty, at least on the output that I've managed to generate. All I have is the status variable equal to 1, and the model parameters are within the limits, I checked that first.

A plot of the fit looks OK, and the residuals seem to be fine, so I suspect it is OK, but the documentation is a bit vague: "STATUS: an integer status code is returned. All values other than zero can represent success." So I might be successful, but I'm certainly a bit uncertain right now ;)

Maarten
