
Subject: Re: mpfit: meaning of status flag
Posted by [Craig Markwardt](#) on Sun, 06 May 2007 05:13:10 GMT
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Maarten <maarten.sneep@knmi.nl> writes:

```
> On May 1, 1:27 pm, Christopher Thom <c...@oddjob.uchicago.edu> wrote:
>> Quoth Maarten:
>>
>>> 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 ;)
>>
>> The documentation in mpfit.pro is pretty explicit.
>
> Thanks, I'd been looking at the mpfitfun docs, which is somewhat less
> explicit. I should have thought to look at the primary source.
>
>> A return status of 1 means that everything is working ok, and that the
>> routine seems to have found the minimum. If your fit looks ok, and the
>> errors seem reasonable, then your work here is done.
>
> I already assumed that that was the case.
```

Wait, you are saying you got a return status value of 1 (success) and an empty ERRMSG, and yet somehow a message was printed to the screen that said "improper input parameters"?

Craig

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