
Subject: Re: MPFITFUN AND PARINFO

Posted by [Craig Markwardt](#) on Thu, 18 May 2006 21:32:13 GMT

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JJMeyers2@gmail.com writes:

- > Thank you Graig for the response and the fitting routines of course!
- > It works fine now.
- >
- > I would like to ask you how MPFITFUN handles the case when both parinfo
- > and start_parms are set. Does start_parms take precedent over parinfo?

I'm confused, since I answered that question in the previous post.
However, if one reads the documentation, one finds,

```
; START_PARAMS - ...  
;  
;      This parameter is optional if the PARINFO keyword  
;  
;      is used (but see PARINFO). The PARINFO keyword  
;  
;      provides a mechanism to fix or constrain individual  
;  
;      parameters. If both START_PARAMS and PARINFO are  
;  
;      passed, then the starting *value* is taken from  
;  
;      START_PARAMS, but the *constraints* are taken from  
;  
;      PARINFO.
```

- > What happens in the case that start_parms and parinfo are in conflict?
- > For example if start_parms=[2,1] and parinfo(1).limited(0)=1,
- > parinfo(1).limits(0)=2.

Of course you could try it and find out :-)

An error message is returned. You might get one of these errors:

```
errmsg = 'ERROR: parameters are not within PARINFO limits'
```

```
errmsg = 'ERROR: PARINFO parameter limits are not consistent'
```

Craig

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