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	
	EMAIL: craigmnet@REMOVEcow.physics.wisc.edu Derivatives   Remove "net" for better response