Subject: Re: Help with constrained fit in IDL on Tue, 23 Jun 1998 07:00:00 GMT Posted by

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Hi all,

I am sorry for posting the last issue in HTML - format. maybe some of you could not read the message, so I posted it again - in plain text this time.

Heiko

George A. Lengel wrote: > > >> Hi all, >> >> I have written some IDL code to fit our data with a power law and it >> >> works fine. Now I am trying to constrain the fit to use a specific >> value >> of an exponent and only vary the factor in front of the expression. >> cannot get this to work properly, and I think it should be simpler >> than I am making it out to be. I figure this is due to my relative >> inexperience with the FUNCT keyword and how the data fitting is done >> >> in IDL. Can anyone give me a hint for proceeding with performing a >> to data that constrains one of the factors to a specific value? Thanks for any pointers that are given. >> >> George Lengel mailto:lengel@lps.umd.edu >> Laboratory for Physical Sciences OR mailto:lengel@glue.umd.edu >> University of Maryland >> ***I certainly do not speak for LPS or UMd in any capacity****** Hi George, > we have modified the Curvefit from IDL, so that you can fix paramters > to a specified value. > The result is, that you need only one Fitfunction-procedure for your > fit > instead of defing a new procedure for every set of free parameters.

> Furthermore we corrected the curvefit-procedure in some points. > E.g. the errors for the parameters are now the correct ones, also you

> have a correlation matrix as output.

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> Send an email to me, if you want to get my curvefit-routine.
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