Subject: Re: fit function
Posted by Craig Markwardt on Tue, 16 Oct 2001 21:20:20 GMT
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"Pavel A. Romashkin" <pavel.romashkin@noaa.gov> writes:

> Reimar Bauer wrote:
>>
>> Dear all,
>>
>> I need a fit function which returns y=mx^n.
>>
>> Is someone able to share some code.
>
> Maybe, the following will do?
>
> FUNCTION junk, p, x=x, y=y
> return, y - (p[0]*x^p[1])
> END
>
> ; Here, X and Y are your vectors to be fitted.
>
> coefs = MPFIT('junk', [1.d, 1.d], functargs={x:x, y:y}, /quiet)
>
> This assumes that, just like everybody else, you have in your path
> everything Craig cared to post on his web site :-)

Sometimes I wonder if *I* have everything in my path that is posted on
my web site. :-)

By the way, in the example you posted Pavel, MPFIT is the only thing
you need to run it. I try pretty hard to make most programs
stand-alone.

Craig
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