
Subject: Re: CURVEFIT.PRO standard deviations?
Posted by [Ivan Valtchanov](#) on Mon, 13 May 2002 08:32:00 GMT
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Hi there,

Well, this is a known issue because in "What's new in IDL 5.4" there are some lines about LMFIT with correct estimation of sigmas:

..."In IDL versions prior to 5.4 the correction [$\sqrt{\text{chisq}/(n-m)}$], where n is the number of points and m is the number of coefficients] was not being applied."

So you have to multiply the sigmas by this correction factor and you'll get them right.

I suppose this is the case for CURVEFIT too.

Hope this helps?

Bye

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