Subject: Re: How to do least sqares with IDL?
Posted by Weimin Wang on Mon, 07 Oct 2002 15:09:34 GMT
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I have the pro for minmizing absolute deviation in IDL.That is,"LADFIT: Fits paired data using least absolute deviation method.".I think it is do regression with MAD(minimizing absolute deviation).Do you?
About MAD,you can search it with google.There are many reference on internet.

> Weimin Wang wrote:
>>
>> Dear Sir,
>>
>> Is there any linear least sqares pro and minimizing absolute deviation
>> pro in IDL?I search it in Reference manual,But get nothing.
>
> Go into the online manual, select Index, then type in "least squares".
> You'll find four different routines listed. The first two are for
> non-linear least squares fitting, the third is specifically for
> polynomial fitting, but the fourth (SVD_FIT) is intended for general use
> linear least-squares fitting.
>
> I couldn't find anything for minimizing the absolute deviation. I'm not
> familiar with any algorithms for doing that. Do you have any references
> describing how it can be done?

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Best Regards,

Weimin Wang
Institute of Geo. Sci. &
Nature Resource Research,CAS
Beijing,100101,China

Tel:86-10-64889762-5
Fax:86-10-64858099