Subject: How to do least sqares with IDL?
Posted by Weimin Wang on Mon, 07 Oct 2002 08:25:45 GMT
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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.

Thanks you sincerely.

--
Best Regards,

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Subject: Re: How to do least sqares with IDL?
Posted by James Kuyper on Mon, 07 Oct 2002 14:23:19 GMT
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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?

Subject: Re: How to do least sqares with IDL?
Posted by Weimin Wang on Mon, 07 Oct 2002 15:09:34 GMT

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.

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