Subject: How to do least squres 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 squres pro and minimizing absolute deviation pro in IDL? I search it in Reference manual, But get nothing.

Thanks you sincerely.

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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

Subject: Re: How to do least squres with IDL? Posted by James Kuyper on Mon, 07 Oct 2002 14:23:19 GMT View Forum Message <> Reply to Message

Weimin Wang wrote:

>

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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 squres 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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