Subject: Re: Fitting a function with multiple independent variables Posted by maarten on Wed, 20 Apr 2005 08:06:04 GMT

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Hello,

You can use the built in routine curvefit. cheers maarten

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Sean Davis wrote:
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Hello all,
I am currently trying to fit a function with multiple independent variables.
I have used IDL's REGRESS routine, which does a multiple linear regression,
such as fits to something like:
Y = 5 + 3*X1 - 4*X2
But what if I want one of my independent variables to vary non-linearly,
like
Y = 5 + 3*X1^2 - 4*X2
(I assume this is called non-linear regression?)
I've heard of Craig M.'s fitting library, so I suppose I should look there.
But for the record, are there any built-in programs in IDL to do this???
Thanks,
Sean
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