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Subject: regression with error bars

Posted by [Meagan Adams](#) on Tue, 04 May 2010 19:57:04 GMT

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Hello

I have two columns of data y (with errors Err+ and Err- for each data point) and x (with Err). I would like to find the linear regression coefficients A and B (in  $y = Ax + B$ ) considering the errors in my data point. Is there a function in IDL which would do the trick? and the regression has to do with the errors in y only but not in x, right?

Thank you for your help.

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