Subject: sigma in curvefit function!
Posted by <Raquel.Niclos on Thu, 13 May 2004 15:33:00 GMT

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Hello,

I was trying to use IDL curvefit function in order to obtain the
fitting parameters for a non-linear equation. This equation needs a
fixed parameter to be read from an external file, so I wrote a
program that read x,y and this parameter from a file, then it call
the curvefit function (I modified it in order to read this extra
parameter) with the corresponding function_name (where is my
equation, which uses this fixed parameter).

fitting one model results to another theoretical equation) and I
obtained nonsense values for the standard deviations on the fitted
coefficients (sigma). I read something about this, and I tried with
the mpcurvefit function too, but I didn't know how to read the

modify it in this case)

Has anybody a solution? Has anybody an alternative program?

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