
Subject: Gamma Variate Curve Fitting

Posted by [faeriepunk](#) on Mon, 16 Jun 2003 16:05:47 GMT

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I have been trying for a week now to fit data to a gamma variate curve using the curve fitting algorithms built into IDL. Every time I use CurveFit it tells me my data does not converge and every time I use SVDFIT my program crashes and exits out of IDL automatically! I made sure that my initial guesses were VERY close to the actual test data I am using and I'm still stuck. Does anyone have any experience fitting this type of non-linear curve using IDL? If I was using anything else I would probably use the simplex method but there doesn't seem to be a downhill simplex curve fitting algorithm in IDL. HELP!!!

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