Subject: Re: regress question
Posted by mccreigh on Mon, 01 Dec 2008 07:42:38 GMT
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I have some vague recollection of doing this once within an IDL function. A quick look turned up this, looks promising and like something i've seen before:

Curvefit(X, Y, Weights, A [, Sigma] [, CHISQ=variable] [, /DOUBLE] [, FITA=vector] [, FUNCTION_NAME=string] [, ITER=variable] [, ITMAX=value] [, /NODERIVATIVE] [, STATUS={0 | 1 | 2}] [, TOL=value] [, YERROR=variable])
A
A vector with as many elements as the number of terms in the user-supplied function, containing the initial estimate for each parameter. On return, the vector A contains the fitted model parameters.

FITA
Set this keyword to a vector, with as many elements as A, which contains a zero for each fixed parameter, and a non-zero value for elements of A to fit. If not supplied, all parameters are taken to be non-fixed.