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Subject: Fitting Smooth Splines

Posted by [jdutch27](#) on Thu, 10 Jul 2003 16:35:58 GMT

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Hello,

I am working on a project analyzing water temperature data from satellite imagery. I am trying to fit a smoothing spline to a time series of water temperature. Unfortunately, IDL's procedures are not as nice and automatic as the R function `smooth.spline` (although more general). I have an understanding of how the spline is fit through certain y-values (using a function like `SPLINE` or `SPL_INTERP`), but I don't understand how the y-values are chosen. Can you tell me how I can choose these y-values?

Thanks a lot,

Jarrold Dalton

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