Subject: Re: sigma values of polyfit and svdfitr
Posted by Andy Sayer on Tue, 19 Mar 2013 13:09:39 GMT
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Sigma is the uncertainty on the fit parameters (i.e. polynomial/SVD coefficients). From the documentation:

;   SIGMA: The 1-sigma error estimates of the returned parameters,
;   SIGMA=SQRT(VARIANCE).

Andrew

On Tuesday, March 19, 2013 2:00:31 AM UTC-4, gunvi...@gmail.com wrote:
> Hello sir,
>
>   I need to know, what is the sigma value refer to, what is the use of that. Could you please let me know about this.
>
> thanking you
>
> sid
>
>
>
> On Monday, March 18, 2013 7:00:43 PM UTC+5:30, AMS wrote:
>
>> By 'fitting error' do you mean the residuals on the fit? These can be returned using the yfit keyword to these functions.
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>> Andrew
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>> On Monday, March 18, 2013 2:26:09 AM UTC-4, gunvi...@gmail.com wrote:
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>
>>> Hello everyone,

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>>> Please let me know how to use the sigma values and returned in polyfit and svdfit to find the fitting error. Its very important for my work.
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>>> Please help me out in this respect.
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>
>>> thanking you in advance,
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>>>
>
>>
>
>>> sid