Subject: Re: poly_fit - yband
Posted by Andy Sayer on Mon, 10 Mar 2014 13:15:24 GMT
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What do you mean 'error values'?

If you mean the departure of the 'y' variable from the value predicted from the polynomial line, if you only have 80 'real' values of y, you can't interpolate these in x to get 238 values, because that would be inventing data.

Andrew

On Saturday, March 8, 2014 7:43:00 AM UTC-5, sid wrote:
> Hello everyone,
>
> I have x 80 integer values and y 80 values.
>
> I did,
>
> p=poly_fit(x,y,7,yband=e,yfit=y1)
>
>
>
> now I need y values at every 0.33 intervals so, now I have x with 238 values with 0.33 resolution earlier case the resolution was 1.
>
> Now for this 238 x values I have found 238 y values using the polynomial coefficients.
>
> But now the problem is how to find the error values, since I have yband = e (80 values). But I need to find the error values for all the 238 values.
>
>
>
> Is there a way to do this.
>
> Please do help me out in this regard.
>
>
>
> thanking you in advance
>
> sid