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Subject: Re: LOESS program  
Posted by [mmiller3](#) on Wed, 15 Mar 2006 17:15:04 GMT  
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>>>> > "tracy" == tracy moffat <tracy.moffat@talk21.com> writes:

> I thought I'd see if anyone had any bright ideas before I  
> start playing around with the code too much.

I don't have any experience with the Freudenreich LOESS code, but I won't let that stop me from commenting!

Do you know if the Freudenreich LOESS code is based on the netlib loess code? I did not know there was such a beast implemented in IDL. Something I've been thinking about trying for some time is making an IDL wrapper for locfit (<http://www.locfit.info/>), which I use from R. It is mostly written in C, so it would not be impossible to use it by making library calls from IDL.

Mike

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Imaging Sciences, Department of Radiology, IU School of Medicineh

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Subject: Re: LOESS program  
Posted by [tracy.moffat](#) on Wed, 15 Mar 2006 17:27:05 GMT  
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Hi,

>

> Do you know if the Freudenreich LOESS code is based on the netlib  
> loess code?

I think so, well it references the cleveland et al paper in it's header and they're the ones who did the netlib loess. My loess journey started with the netlib code given to me by a work colleague - couldn't get it to compile on the machines here, old libraries or some such problem according to the people i asked - so i searched and found the idl version.

> I did not know there was such a beast implemented in  
> IDL. Something I've been thinking about trying for some time is  
> making an IDL wrapper for locfit (<http://www.locfit.info/>), which  
> I use from R. It is mostly written in C, so it would not be  
> impossible to use it by making library calls from IDL.

>  
hmm...not heard of locfit before - will have a look although my c is  
very, well erm basic i guess!

thanks  
Tracy

> Mike  
>  
> --  
> Michael A. Miller                       mmiller3@iupui.edu  
> Imaging Sciences, Department of Radiology, IU School of Medicineh

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