Subject: Re: strange behaviour of ladfit - known?
Posted by Vince Hradil on Thu, 08 Mar 2007 14:45:29 GMT
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On Mar 8, 3:29 am, Ingo von Borstel <newsgro...@planetmaker.de> wrote:
> Hi there,
>
> I just encountered a strange behaviour of ladfit - it just won't return
> to the command prompt when I do the following:
>
> ###################################
> ; create an array and initilize it
> x = dblarr(100)
> for i=0,99 do x[i] = sin(2*!pi/15*i)
>
> ;get a short subarray and create another scaled version of it.
> Important: without offset
> xcut = x[20:30]
> y = xcut * 1.6
>
> ; calculate the linear relation between xcut and y - or rather try it.
> print, ladfit(xcut,y)
> ###################################
>
> It works nicely as soon as I add an offset to y or if I use different
> data, though I can reproduce it with any subset of x. Is there a way to
> circumvent this behaviour or test prior to its occurence for it, if I
> don't know my input data prior to the start of a programme? I'm using
> IDL 6.1.
> Or does anyone know whether this behaviour can be reproduced with a
> newer version of IDL?
>
> Best regards,
> Ingo
>
> --
> Ingo von Borstel <newsgro...@planetmaker.de>
> Public Key:http://www.planetmaker.de/ingo.asc
>
> If you need an urgent reply, replace newsgroups by vgap.

I'm using IDL 6.1 on sparc sunos and your code works fine:

```
IDL> print, ladfit(xcut,y)
% Compiled module:  LADFIT.
       0.00000000            1.60000000
```

BTW - how about using:

```
x = sin(2*!pi/15*dindgen(100))
```