Subject: Re: CORRELATE where is the problem?
Posted by David Fanning on Sun, 08 Mar 2009 19:39:20 GMT
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## xiao writes:

> Hi~ everyone. I have a simple question here. I have two arrays and I > calculated the correlation between them. The result is 0.49. But when > I use the equation to calculate the correlation. The result is 0.99. > And I can see from the plot that they are actually highly correlated. > Why is that? THX > openr,1,'data.txt' > data=fltarr(2,1227) > readf,1,data > > temp=data(1,\*) > oo=data(0,\*)> ;print,temp(0) > temp=reform(temp) > oo=reform(oo) > corr=CORRELATE(oo,temp) > print,corr

Which equation are you talking about? My guess is you have constructed the equation incorrectly.

Cheers,

> print,rr

> rr=LINFIT(temp,oo)

> plot,psym=2,temp,oo

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: CORRELATE where is the problem?
Posted by xiao zhang on Sun, 08 Mar 2009 20:35:27 GMT
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I used the equation in this link:

```
but the result is different from IDL :(
```

Xiao

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On Mar 8, 2:39 pm, David Fanning <n...@dfanning.com> wrote:
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