
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:

<http://www.jerrydallal.com/LHSP/corr.htm>

but the result is different from IDL :(

Xiao

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

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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
>> rr=LINFIT(temp,oo)
>> print,rr
>> plot,psym=2,temp,oo
>
> Which equation are you talking about? My guess is
> you have constructed the equation incorrectly.
>
> Cheers,
>
> 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.")
