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Subject: CORRELATE where is the problem?

Posted by [xiao zhang](#) on Sun, 08 Mar 2009 17:40:47 GMT

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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
```

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