
Subject: Re: Skip line in reading a file

Posted by [mankoff](#) on Wed, 26 May 2010 07:34:28 GMT

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On May 25, 11:54 pm, Fred <fedef...@gmail.com> wrote:

```
> Hi to everybody,  
> I need to read a file of n columns "namefile", but also I need to  
> select only the lines where the variable in column 3, i.e. [2,*], for  
> example, has value larger than X.  
> I tried this way:  
>  
> n1=numlines(namefile)  
>  
> OPENR, 1, namefile  
> aaa=fltarr(col,n1)  
> readf,1,aaa  
> close,1  
>  
> aa = REFORM(aaa[2,*])  
> if aa[2,*] gt X then a[*,*] = aaa[*,*]  
>  
> The array a should be an array a[col,n2], where n2 is the number of  
> the lines where aa[2,*] gt X.  
> But  
> help,/st,a  
> gives an array with columns=col and lines=n1!!!  
> So it completes the routine without errors but does not select the  
> lines where aa[2,*] gt X.  
> I could not use Skipline of readcol, because it skips only the first  
> line. There should be an easy way to do it.  
> Thanks
```

```
a = randomu(seed,3,10) ; 3 col x 10 row array of random values  
gd = where(a[2,*] gt 0.5, ngd) ; All rows where 3rd column > 0.5  
if ngd gt 0 then aa = a[* ,gd] ; subset 1st array
```

-k.