Subject: Re: Identifying outliers in data
Posted by siumtesfai on Fri, 26 Jun 2015 18:57:36 GMT
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On Thursday, June 25, 2015 at 10:03:34 PM UTC-4, siumt...@gmail.com wrote:
> Hi All,
>
> I am using cgboxplot.pro to identify outliers in my data. It is nice program that I see I have outliers in my data
>
> Next step I would like to store my good data to an array and continue processing them.
>
>
> My data is two dimension wind data
>
> wind = Array(number of days, pressure levels)
>
> e.g wind= Array(31, 17)
>
> Once I am able to exclude the outliers from my daily dataset, I am interested to make monthly mean data set
>
>
>
> Can anyone suggest me how I would solve my problem
>
> Thank you in advance
>
> Best regards

I would think i can do this

```
; Draw outliners if there are any.
IF maxcount GT 0 THEN BEGIN
  outliermax=fltarr(maxcount)
  FOR k = 0,maxcount-1 do outliermax(k)=imax(k)
  print,'outliermax'
  print,outliermax

   FOR j=0,maxcount-1 DO PLOTS, xlocation, data[imax[j]], $
      PSYM=cgSymCat(9), COLOR=cgColor(outliercolor), NOCLIP=0
ENDIF
IF mincount GT 0 THEN BEGIN

  outliermin=fltarr(mincount)
```

```
FOR kk = 0,mincount-1 do outliermin(kk)=imin(kk)
  print,'outliermin'
  print,outliermin
  FOR j=0,mincount-1 DO PLOTS, xlocation, data[imin[j]], $
    PSYM=cgSymCat(9), COLOR=cgColor(outliercolor), NOCLIP=0
ENDIF
```

But the problem would be the original data have been sorted . I would have a problem locating the location or index of the outlier in the original data.

I found in the above step is the index or location from the already sorted data.

Best regards
