
Subject: histogram question

Posted by [Gregory Y. Prigozhin](#) on Wed, 08 Aug 2001 20:17:51 GMT

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Folks,

I am sure this problem must have an elegant solution
that is not obvious to me:

I have an array X. I need to make a histogram and throw away elements
of the array with a high count rate, say with count rate above 5 times
median count rate.

Brute force way is ugly and inefficient when array is not small:

```
plothist,X,xhist,yhist
bad=xhist[where(yhist gt 5*median(yhist),count)]
if count ne 0 then begin
  for ind=0,count-1 do begin
    X=X[where(X ne bad[ind])]
  endfor
endif
```

Any suggestions?

Gregory
