
Subject: HISTOGRAM, binsize, and max
Posted by [war](#) on Wed, 18 May 2011 14:05:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

Can somebody explain why the following gives different number of elements with the HISTOGRAM function?

```
IDL> hist_spd= HISTOGRAM(velocity[indb],binsize= .20,min=0.,max=1.40)
IDL> print,hist_spd
      6      16      23      0      0
0      0
IDL> hist_spd= HISTOGRAM(velocity[indb],binsize= 20.,min=0.,max=140.)
IDL> print,hist_spd
      45      0      0      0      0
0      0      0
```

(whatever velocity content is)

My main concern is the number of elements returned by the function.
The only difference between the 2 command is that I multiplied the binsize and max with 100. BUT they return 7 and 8 elements?

I would expect they both return the same number of elements.

Thanks,

Andry
