

```

data=c(11,13,13,15,15,16,19,20,21,21,22,23,24,30,40,45,45,45,71,72,73,75)
b1=c(11,13,13,15)
b2=c(15,16,19,20)
b3=c(20,20,21,21)
b4=c(22,23,24,30)
b5=c(40,45,45,45)
b6=c(71,72,73,75)
print("smoothing by bin mean")
mean(b1)
mean(b2)
mean(b3)
mean(b4)
mean(b5)
mean(b6)
print("smoothing by bin median")
median(b1)
median(b2)
median(b3)
median(b4)
median(b5)
median(b6)

```

Output:

```

data=c(11,13,13,15,15,16,19,20,21,21,22,23,24,30,40,45,45,45,71,72,73,75)
> b1=c(11,13,13,15)
> b2=c(15,16,19,20)
> b3=c(20,20,21,21)
> b4=c(22,23,24,30)
> b5=c(40,45,45,45)
> b6=c(71,72,73,75)
> print("smoothing by bin mean")
[1] "smoothing by bin mean"
> mean(b1)
[1] 13
> mean(b2)
[1] 17.5
> mean(b3)
[1] 20.5
> mean(b4)
[1] 24.75
> mean(b5)
[1] 43.75
> mean(b6)
[1] 72.75
> print("smoothing by bin median")
[1] "smoothing by bin median"
> median(b1)

```

```

[1] 13
> median(b2)
[1] 17.5
> median(b3)
[1] 20.5
> median(b4)
[1] 23.5
> median(b5)
[1] 45
> median(b6)
[1] 7

```

b3	num [1:4] 20 20 21 21
b4	num [1:4] 22 23 24 30
b5	num [1:4] 40 45 45 45
b6	num [1:4] 71 72 73 75
c	1
data	num [1:22] 11 13 13 15 15 16 19 20 21 21 ...
fre	num [1:6] 200 450 300 1500 700 44
i	1000
m	500
max	1000
md	375
me	500
min	200
min_max	num [1:6] 0 0.125 0.25 0.375 0.5 1
min_max1	-49920.5
min_max2	799.8
mo	"numeric"
s	282.842712474619
std	282.842712474619