CTRAPHICAL REPRESENTION

Bar Plots in Add of

inputs con be vertor, mainx et c

4 types ove me re:

* Simple Bar Plot

* Horizontal Bar Plot

Starked Bar Plot

* Grouped Bor Plut

Bon P161 (101) 310 81

+ Greated by using => borplot 1) funition

* If we supply a vector, me plot will have

bors with their deight equal to the elements

me verlow

eg : temp = c(27, 26,23, 24,30)
barplet (temp)

parplot () and amoupte

main: heading

x lob: x-axis hile

y lob: y-axis litle

nomes. avg'. nome ob earh bar

col: gives colors

noviz: TAUE (Represents as

density: 5 plils earb bar

boyden: Orives boyden height: describing me box which make up me plot wedne gives widn to each box spare: spare blu earb bor legend. fext: gives lugical indication whether to 19 a legend should be included 1 d5 ; la5 ; 2,3 1 nomes 1]: givis the columnmen heading eg: data ("mtrovs")
nomes (mtrovs) table (mtruvs \$ (41)) mud managed egives the Fable supplied of the plant to the profile Gracked Box Profiction plut which has main's input) of the sold eg: y1; table (mteorscyl, mtians & gear) bar plot (y1) barplotlyin, legend-text=T, beside = T) d'ainm Grouped Bar Plot

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angle: the slope ob shading lines par(mfrows = c(2,2)); gives two row and par (mfrows = c(1,1)): default barplot (y, col=c(10,12113)) Dives earbibor earb color borplotly, rol=rainbow (1) => gives a color in the ·barplot (g/lol=vainbaw(5=1,n=15) de selver pour bei = 2 gives me lightest with The state of the color border - F: without border border = 7 = with border x lim: limit bur me x - axis ylim: limit for the y-axis expressions (sum (1) gives me heading =) borplot (y, main: expussion (x+y)

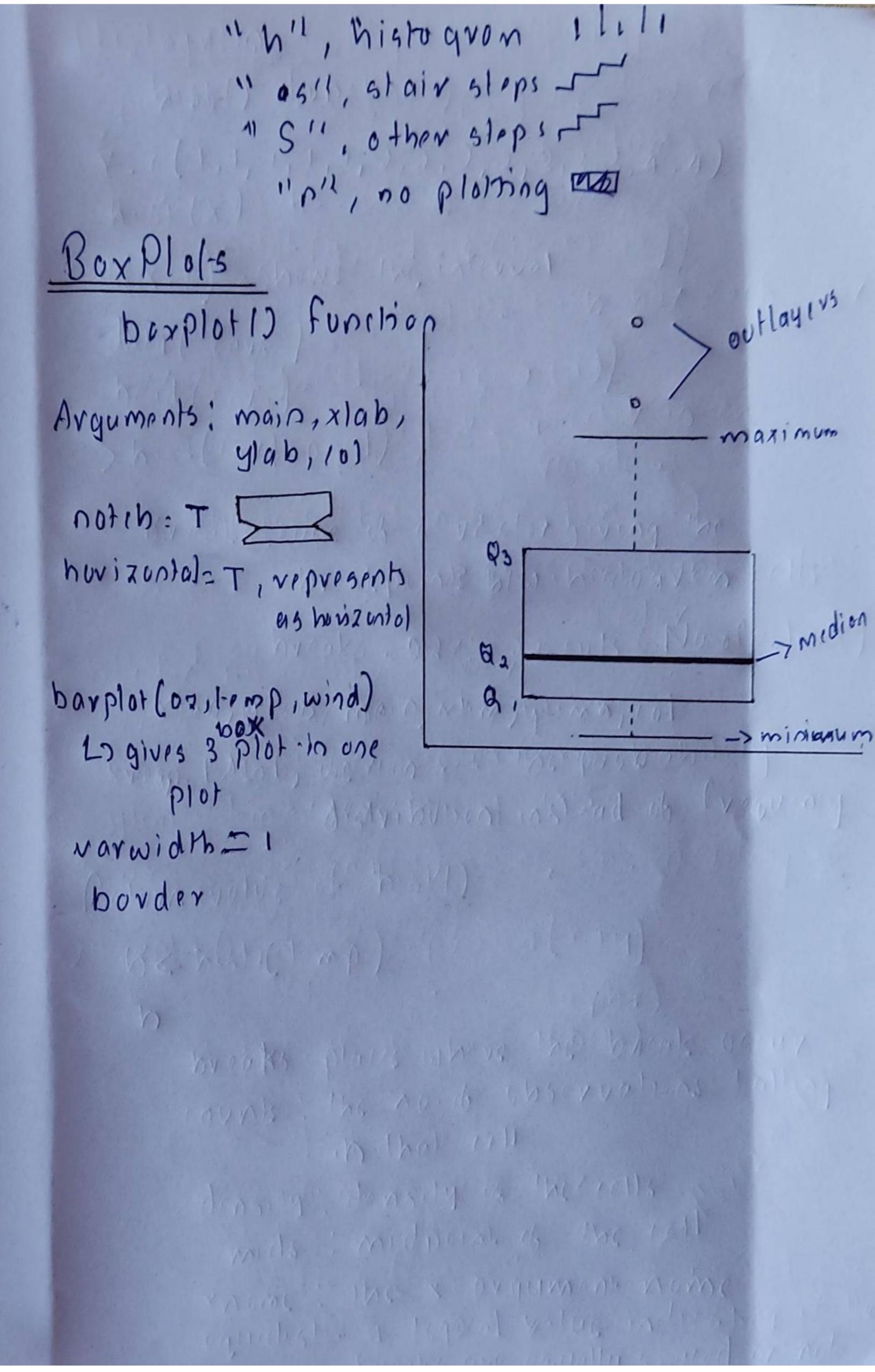
(alpha) man or (xividal) pulibeta) sy ploto yo

piel) function eg: x=(1,1,1,1,2,2,3,3,4,4,4,4 (: y: +0b)e(x) - 101 () +017 (2) Mod Biela Jerrie Arguments) madriss - los 101-1019 100 xinput volves Cabels: giving nomes for me slives edges: the circular outline of the pre 15 approximated by a polygon with mis mong edges (deboutt=200) vadius: gives me vadius ob ma ple (-1,1) change me Murk wise: " Milliand midirection initionale: changes me angle density, moin, ongle, col, bouder (plot vix parkage) -> For 30 =) library [plot trix) pie 30(4) function (for 30 pierhaut) ex plode:

```
1-listugrom
   hister Function of some of the
  Y=((1,1,1,1,1,2,2,2,2,3,3,3,4,4)
         hist-(x) min orto mos sus
       eut(x, 6): shows the intervol
                      37/3/8/9/04/166
        data ("caus")
        head (cavs) (obitaine) (14019
       => hisz(cav$sperd)podlady V siversid
bycaks: one ob a vector giving me
                  breakprints blw histogram rolls
 A) (3.6) (5. breaks = 52 ! 22 ivis (Norof colums)
          xlab, ylab, main, xlim, ylino, 101
        freq: FALSE, we con get the probability
         distribution instead ob trequenty
      Return volve of histD
ne historemp)
         ondermon, ridely, deplate of
            brooks: places where the brook occur
            in that celling
             density: density of the cells
              mids imidpoint of the rell
      xnome! the x avqument nome
             equidist: a lugical value indirating if the breaks are equally spared or not-
```

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Debin Broaks: we con sperify the no.06 11/1/3 we work in the histogram and we con also give vertus tout (x, b); shows the interval Scaffer Plot plotis function Crenevic X-Y plothing bagget of plok((1,2,3,4)): plots the values in (1,1),(2,2),(3,3),(4,4) prestation all marchadassa plot (c(5,6,7,8)): plots the volves, in (1,5), (2,6), (3,7,)(4,8) Marie Calle provident de protection (21, 4) interior vatues ore plotted by by (1,6),(3,7),(3,8,)(4,9),(5,1) avaaments: main, xlab, ylab, rol tapes gives tupe = "p", points o olo 31199 3014 30" 8" 110 115 TOTE 1006 1131 301 6 11 611, 60th -10 mo-



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