

R version 4.3.1 (2023-06-16 ucrt) -- "Beagle Scouts"
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 Platform: x86_64-w64-mingw32/x64 (64-bit)

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Natural language support but running in an English locale

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Type 'demo()' for some demos, 'help()' for on-line help, or
 'help.start()' for an HTML browser interface to help.
 Type 'q()' to quit R.

[Previously saved workspace restored]

```
> rm(list = ls())
> if(!"EnvStats" %in% installed.packages()){install.packages("EnvStats")}
> library(EnvStats)
```

Attaching package: 'EnvStats'

The following objects are masked from 'package:stats':

predict, predict.lm

```
> x0 <- c(352,352,278,270,266,214,214,206,614,614,605,604,604,603,600,298,295,294,294,285,285,285,
,285,285,255,253,217,735,725,725,722,716,312,286,286,286,276,276,264,264,255,233,212,205,200,186,
178,174,171,164,126,91.6,84.9,82.4,70.7,58.5,56.9,52.3,46.8,735,735,735,735,734,734,734,733,732,7
25,724,724,723,722,722,722,722,722,722,722,722,722,722,721,720,720,720,709,639,626,491,504,43
7,440,406,392,317,312,286,284,286,286,286,286,286,286,286,284,276,276,276,275,275,275,264,262,240
,240,232,226,207,212,207,205,189,199,185,189,186,186,183,182,170,175,163,167,166,164,149,127,39.3
,130,131,130,130,127,127,124,110,99,99.1,99.5,99.5,95.4,90.3,90.8,90.3,91.2,79.5,734,733,722,722,
721,720,504,312,312,286,287,286,285,286,285,285,285,285,285,244,200,197,197,183,180,174,126,99,90
.8,82.4,696,694,683,683,301,301,289,284,267,256,256,230,245,243,226,208,208,202,202,156,117,115,8
6.6,77.8,68.6,53.1,43.9,39.7,733,721,721,714,296,286,286,276,256,253,213,200,186,180,164,128,125,
94.1,91.6,82.4,82.4,70.7,58.5,57.7,51,46.8,691,316,288,281,265,206,204,704,704,703,695,694,694,69
3,693,691,477,309,288,288,281,277,278,260,222,200,166,121,99,91.2,71.1,51.9,45.6,734,729,729,722,
714,675,297,309,287,287,284,276,257,253,232,212,186,179,177,174,164,124,91.2,82.8)
> x1 <- c(82.8,79,70.7,58.5,56.9,52.3,46.8,735,730,729,722,716,298,308,287,287,284,276,258,253,23
2,212,212,205,199,186,180,178,174,164,124,91.2,82.8,79.5,82.4,70.7,58.5,56.9,52.3,46.8,734,733,73
2,723,721,721,721,503,313,286,285,287,276,233,216,213,205,197,164,125,99,91.2,70.7,57.3,51.9,46.8
,696,684,684,684,683,683,300,300,289,289,285,279,278,259,258,259,254,207,206,184,182,182,165,
51.4,703,702,694,693,692,691,476,309,289,289,289,289,282,279,261,251,232,205,199,175,165,122,99.5
,91.2,69.4,53.9,51.9,45.6,733,733,731,723,721,720,720,502,307,288,286,286,276,233,210,200,193,183
,170,164,129,99,91.2,82.4,70.7,56,51.4,46.8)
> x <- c(x0,x1)
> skewness(x, na.rm = FALSE, method = "fisher", l.moment.method = "unbiased",
+ plot.pos.cons = c(a = 0.35, b = 0))
[1] 0.825786
>
>
>
> kurtosis(x, na.rm = FALSE, method = "fisher", l.moment.method = "unbiased",
+ plot.pos.cons = c(a = 0.35, b = 0), excess = TRUE)
[1] -0.7708189
>
> shapiro.test(x)
```

Shapiro-Wilk normality test

data: x
 W = 0.82403, p-value < 2.2e-16

```
> hist(x,main="Main",xlab="value",border="light blue",col="blue",las=1)
```

```
> qqPlot(x)
>
>
```