```
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 '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(281,248,248,203,189,173,169,157,156,151,134,123,90.3,89.5,406,387,387,387,387,386,386,3
48,347,347,347,347,347,346,230,230,230,230,226,225,219,219,202,176,49.8,198,167,149,146,131,130,1
25,119,119,118,118,104,103,102,404,402,403,402,403,394,394,394,394,394,244,222,228,229,229,229,21
7,217,199,202,201,201,174,172,163,151,153,151,151,136,127,124,120,120,117,117,117,117,116,112,87.
4,84.9,79.9,77.8,73.6,73.2,59.8,55.6,49.8,49.8,46.8,824,799,492,431,430,430,431,431,402,403,392,4
04,393,393,402,392,392,402,404,394,394,404,404,404,404,404,404,404,404,403,403,394,403,403,402,40
2,394,394,394,394,396,393,394,394,395,394,394,394,394,394,394,394,394,394,394,394,394,394,394,335
,318,308,287,263,229,238,234,229,229,229,229,229,229,229,229,229,228,228,228,228,228,226,208,217,
218,217,216,212,210,208,190,202,201,201,189,176,177,175,174,164,802,404,403,404,404,394,394,402,4
04,394,394,394,394,337,303,230,230,226,217,217,217,217,217,217,216,200,176,176,163,163,151,151,13
8,124,120,120,120,120,120,120,117,117,117,117,114,87,79,79,78.2,58.1,56,411,410,389,389,368,368,3
68,368,274,220,227,226,220,219,219,217,201,201,174,174,160,161,161,140,138,85.3,80.7,127,121,119,
119,117,108,105,102,88.3,88.3,83.2,80.3,81.1,75.3,75.3,61.9,64,50.6)
> x1 <- c(47.2,43.9,41.8,39.7,404,402,402,404,394,394,394,394,348,244,225,229,229,229,229,208,199
,202,200,176,176,164,141,118,117,116,112,84.1,77.4,78.2,74.4,57.7,50.6,46,402,374,231,218,217,202
,177,165,154,120,120,117,89.9,82.4,776,402,402,402,403,402,402,402,401,374,374,374,375,375,374,37
3,374,374,332,313,233,228,227,224,217,216,216,202,177,162,157,135,119,118,115,115,115,114,94.1,87
.4,46,37.6,771,404,404,402,402,403,394,393,393,393,393,336,222,228,229,229,229,207,217,217,216,21
7,215,199,201,174,162,151,151,136,118,117,117,117,112,90.8,84.1,78.2,72.4,71.9,59.4,57.3,55.2,51.
9,49.3,46.8,404,402,402,403,404,394,394,394,394,394,336,222,228,229,229,229,208,217,217,216,217,2
15,199,201,201,174,174,162,151,151,151,136,118,117,117,117,112,91.2,87.4,84.1,78.2,77.8,72.4,73.6
,71.9,59.8,57.7,55.6,51.9,49.8,46.8,796,404,402,403,403,403,402,392,393,393,393,393,393,393,337,3
18,236,230,230,222,218,217,216,201,200,174,164,151,137,120,117,117,117,112,87.4,75.7,74,73.6,50.2
,417,417,417,417,393,395,394,367,367,367,367,367,367,367,232,227,227,225,219,219,217,217,202,202,
174,171,166,161,161,160,160,134,115,120,120,119,120,119,117,116,116,110,86.2,77,74,59.8,59.4,58.1
,774,425,425,420,402,401,374,373,373,373,372,372,333,286,228,227,227,222,217,215,216,215)
> x2 <- c(204,199,180,176,161,154,154,135,120,120,120,120,117,116,116,104,87.4,83.6,71.5,63.1,46.
8,45.6,798,404,404,404,404,402,402,394,394,394,394,394,394,394,337,318,225,229,229,229,217,216,21
5,200,200,176,160,151,151,135,120,116,116,114,112,79,78.2,74,71.5,55.6,48.9,46.4,798,404,404,404,
404,402,402,394,394,394,394,394,394,394,337,318,225,229,229,229,217,216,215,200,200,176,160,151,1
51,135,120,116,116,114,112,79,78.2,74,71.5,55.6,48.9,46.4)
> x <- c(x0,x1,x2)
>   skewness(x, na.rm = FALSE, method = "fisher", l.moment.method = "unbiased",
+     plot.pos.cons = c(a = 0.35, b = 0))
[1] 0.9021372
>
>
>
>   kurtosis(x, na.rm = FALSE, method = "fisher", l.moment.method = "unbiased",
```

```
+      plot.pos.cons = c(a = 0.35, b = 0), excess = TRUE)
[1] 1.449232
>
> shapiro.test(x)

        Shapiro-Wilk normality test

data:  x
W = 0.8845, p-value < 2.2e-16

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