

RStudio

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Project: (None)

Environment History Connections Tutorial

Import Dataset 113 MiB

R Global Environment

Values

age	num [1:18]	23 23 27 27 39 41 47 49 50 52 ...
fat	num [1:18]	9.5 26.5 7.8 17.8 31.4 25.9 27.4 27.2 31.2 34.6 42.5 28.8 33.4 30.2 34.1 32.9 41.2 34.1
mean_age		46.4444444444444
mean_fat		28.7833333333333
median_age		51
median_fat		30.7
sd_age		13.2186242152423
sd_fat		9.2543948224296

```
1 age <- c(23,23,27,27,39,41,47,49,50,52,54,54,56,57,58,58,60,61)
2 fat <- c(9.5,26.5,7.8,17.8,31.4,25.9,27.4,27.2,31.2,34.6,42.5,28.8,33.4,30.2,34.1,32.9,41.2,34.1)
3 mean_age <- mean(age)
4 median_age <- median(age)
5 sd_age <- sd(age)
6 mean_fat <- mean(fat)
7 median_fat <- median(fat)
8 sd_fat <- sd(fat)
9 cat(mean_age, "\n")
10 cat(median_age, "\n")
11 cat(sd_age, "\n")
12 cat(mean_fat, "\n")
13 cat(median_fat, "\n")
14 cat(sd_fat, "\n")
15 par(mfrow=c(1,2))
16 boxplot(age, main="Age", ylab="age(years)", col="lightgreen")
17 boxplot(fat, main="fat", ylab="fat", col="lightblue")
18 qqnorm(age, main="Q-Q plot for Age")
19 qqline(age)
20 qqnorm(fat, main="Q-Q plot for fat")
21 qqline(fat)
22 plot(age, fat, main="sactterplot", xlab="age(years)", ylab="fat", pch=19)
```

10:36 (Top Level) R Script

Console Terminal Background Jobs

```
R 4.3.1 ~ /
> median(fat)
> sd_fat <- sd(fat)
> cat(mean_age, "\n")
46.44444
> cat(median_age, "\n")
51
> cat(sd_age, "\n")
13.21862
> cat(mean_fat, "\n")
28.78333
> cat(median_fat, "\n")
30.7
> cat(sd_fat, "\n")
9.254395
> par(mfrow=c(1,2))
> boxplot(age, main="Age", ylab="age(years)", col="lightgreen")
```

sactterplot

fat

age(years)