Command	Explanation	Notes
help()	shows help for function	or Google it
getwd()	shows current working directory	
setwd()	sets working directory	
c()	creates a vector of data	
install.packages()	installs a package	only run once
library()	loads an installed package into R	run every time
import()	imports excel data	requires "rio"
edit()	edits data like a spreadsheet	
mean()	calculates mean	
median()	calculates median	
mfv()	calculates mode (**m**ost **f**requent **v**alue)	requires "modeest"
min()	calculates minimum	
max()	calculates maximum	
sd()	calculates standard deviation	
quantile()	calculates quantiles	use option type = 6
IRQ()	calculates interquartile range	use option type = 6
skewness()	calculates skewness	requires "moments"
kurtosis()	calculates kurtosis	requires "moments"

1. I want to import `C:\Users\wimivo\Downloads\data.xlsx` into R. I need to tell R where to get the data, i.e. I need to set the *working directory*, using

```
setwd("C:/Users/wimivo/Downloads")
```

Or use RStudio menus: Session → Set Working Directory → Choose Directory.

2. To use an `.xlsx` file, we need the "rio" package. We have to install (just once) it if we haven't already done so using the command

```
install.packages("rio")
```

Now that "rio" is installed, we need to load it into R using command

```
library("rio")
```

3. Now we can import the `.xlsx` file into R as a *data frame* called `df` using the command

```
df = import("data.xlsx")
```

4. The data frame `df` contains a variable x. For example, calculate quantiles of x with

```
quantile(df$x, type = 6)
```