

# TEST # 1

2023-08-22

```
library(readxl)
my_data <- read_excel("excel.file.xlsx",
                      col_types = c("text", "numeric", "numeric"))
View(my_data)

str(my_data)
```

```
## tibble [9 x 3] (S3: tbl_df/tbl/data.frame)
##  $ Crops : chr [1:9] "Wheat" "Wheat" "Wheat" "Maize" ...
##  $ Height: num [1:9] 2.5 3.5 4.3 4.6 6.4 5.6 2.3 2 2.1
##  $ Weight: num [1:9] 10 11.5 12.3 16.2 17.6 ...
```

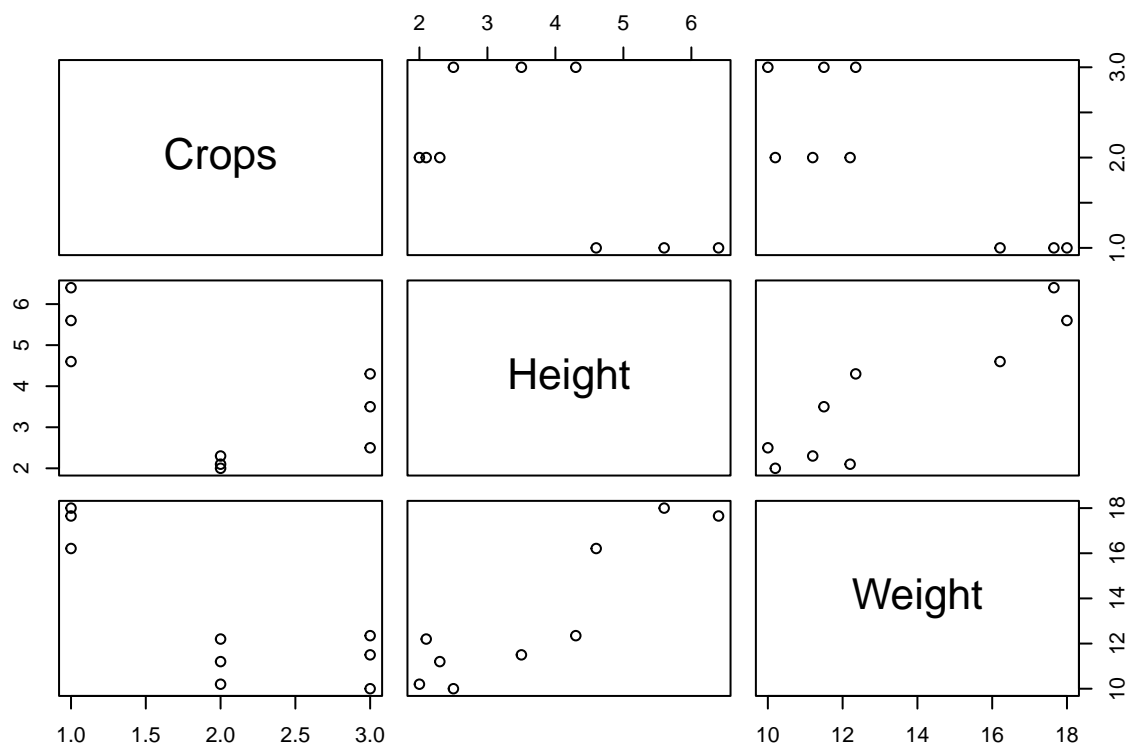
```
head(my_data)
```

```
## # A tibble: 6 x 3
##   Crops Height Weight
##   <chr>   <dbl>   <dbl>
## 1 Wheat     2.5     10
## 2 Wheat     3.5    11.5
## 3 Wheat     4.3    12.4
## 4 Maize     4.6    16.2
## 5 Maize     6.4    17.6
## 6 Maize     5.6     18
```

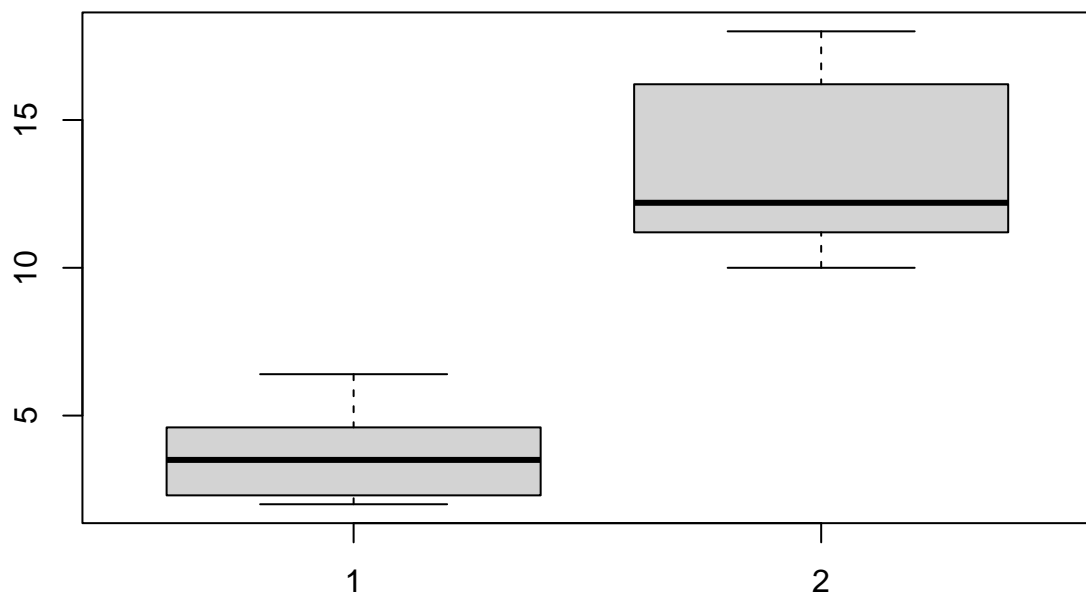
```
tail(my_data)
```

```
## # A tibble: 6 x 3
##   Crops Height Weight
##   <chr>   <dbl>   <dbl>
## 1 Maize     4.6    16.2
## 2 Maize     6.4    17.6
## 3 Maize     5.6     18
## 4 Rice      2.3    11.2
## 5 Rice       2     10.2
## 6 Rice      2.1    12.2
```

```
plot(my_data)
```



```
boxplot(my_data$Height,my_data$Weight)
```



```
boxplot(my_data$Height ~ my_data$Crops)
```

