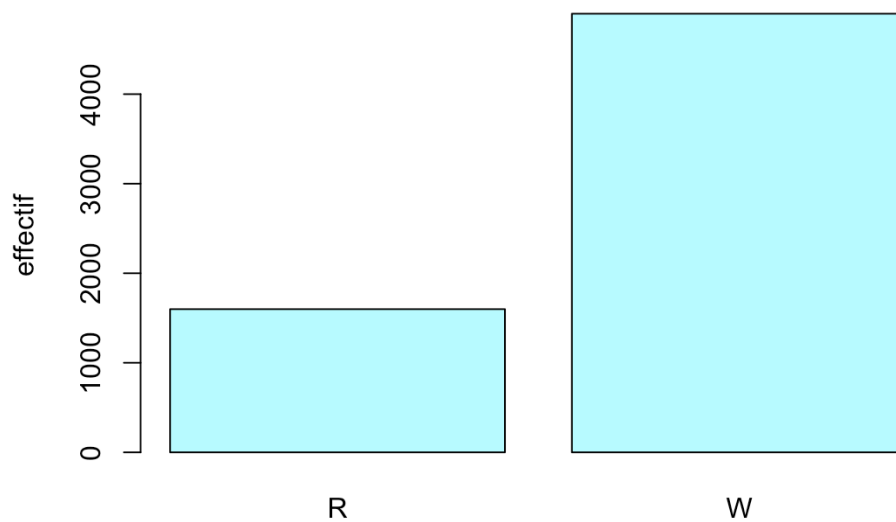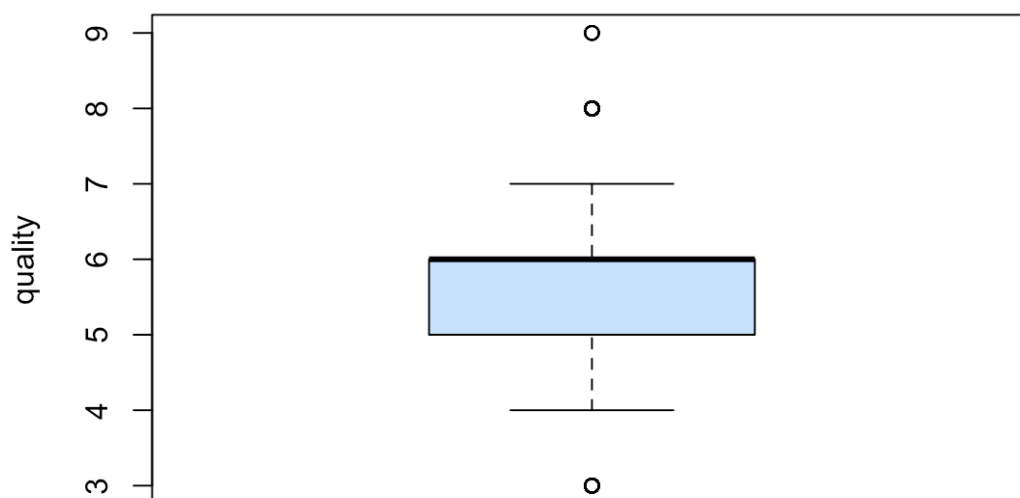# VISUALISATION OF THE WINE DATA

The data contains 6394 observations which are corresponding to the wines and 14 variables. The variables are "wine.identity", "fixed.acidity", "volatile.acidity", "citric.acid", "residual.sugar", "chlorides", "free.sulfur.dioxide", "total.sulfur.dioxide", density", "pH", "sulphates", "alcohol", "quality", "type".

Wine identity is an integer from 1 to 6393 which is the number of the wine.
The type is a string variable which is R or W corresponding to red and white for the colour of the wine. The distribution of the type is:

The quality is an int variable from 3 to 9 and has the following distribution.

The fixed acidity, the volatile acidity, the citric acid, the residual sugar, the chlorides, the free sulfur dioxide, the total sulfur dioxide, the density, the pH, the sulphates and the alcohol are all float variables except free sulfur dioxide and total sulfur dioxide which are interger variables.

We can see for example the distribution of the fixed acidity: