

Tutorial 4

Use data in the dat1.xlsx file to work out the following exercises.

Tut 4.1 Calculate the kurtosis index for variable “BMI”.

Tut 4.2: Draw the scatter plot between the variables: “Body surface area” and “BMI”.

Tut 4.3: Calculate the correlation coefficient and the covariance between the variables: “Body surface area” and “BMI”. Use the Excel formula and repeat the exercise calculating the R coefficient “by hand” (using the VAR.P and COVARIANCE.P functions) and explain what is going on here.