

Correlation

The first two videos in this module discuss the concept of **correlation**. In the first video, we'll talk about how we can display the correlation between two variables using tables and graphs. First we'll look at categorical variables and discuss **contingency tables**. In a next step we look at how we can best display the relationship between two quantitative variables. Here we'll introduce the **scatterplot**.

In the second video we'll discuss the **Pearson's r** - one of the most frequently used measures of correlation. It is an appropriate measure if the variables under analysis are measured on a quantitative level and if they are linearly related to each other. The Pearson's r expresses the direction and strength of the correlation. You'll learn how to interpret the Pearson's r and how to compute it yourself.

