

Categorical association - Chi-squared test for association

This module starts by explaining how cross-tables help to assess the possible dependence between categorical variables. The difference between observed and expected frequencies can be calculated and serve as a yardstick to decide whether two variables are independent or not. While the first video-lecture sets the stage, the second explains how the hypothesis test for independence between two categorical variables (the chi-squared test for goodness of fit) works. The third video-lecture shifts the focus from testing for independence to interpreting the strength of the relation between two categorical variables and analysing the pattern of association in more detail.

