The strucplot framework
for Visualizing Categorical Data

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The **vcd** package ('Visualizing Categorical Data') has been around for quite a while now. This talk demonstrates the capabilities of a major part in this package: the strucplot framework.

We give an overview on how state of the art displays like mosaic and association plots can be produced, both for exploratory visualization and model-based analysis. Exploratory techniques will include specialized displays for the bivariate case, as well as pairs plot-like displays for higher-dimensional tables. As for the model-based tools, particular emphasis will be given to methods suitable for the visualization of conditional independence tests (including permutation tests), as well as for the visualization of particular GLMs (such as log-linear models).