Chapter 8 – Categorical analyses

Using the Salaries.csv data set, examine the different ranks of academics to see if the proportions are to be expected. To give you some idea of what is going on, you may find it useful to start by studying the descriptive statistics (which is usual good practice) for the 'rank' variable.

What is the most appropriate test?

What are the null and alternative hypotheses?

Interpret the results. For simplicity's sake, use the default equal proportions as expected proportions.