Psych 6136: Assignment 3

Readings
• DDAR, Ch. 4, Ch. 5
• Agresti, Ch. 2

Supplements
Often I list here some other readings, tutorials, online calculators or examples of similar analyses that can be found on the web. Let’s try to make this more interactive.

Try using a web search for terms like “contingency table analysis,” “frequency table analysis”, “two-way frequency table,” etc. If you find any that you think are generally useful, please include the link and a brief description in your assignment. As a service to your fellow students, you could also send a message to the listserv, psyc6136@yorku.ca, with the subject “6136: supplements for assignment 3”.

Exercises
1. DDAR, Exercise 4.2. Add: (d) Write a brief summary of how support for abortion depends on sex and status.
2. DDAR, Exercise 4.4. Add: (e) Try one or more of the following other functions for visualizing two-way contingency tables with this data: plot(), tile() mosaic(), spineplot(). [For all except spineplot(), it is useful to include the argument shade=TRUE]. (f) Comment on the differences among these displays for understanding the relation between visits and length of stay.
3. DDAR: Exercise 4.5. Add: (c) Compare the Kappa measures with the results from assocstats(). What is a reasonable interpretation of each of these measures?