

## 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](mailto: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?