

Psych 6136: Assignment 4

Readings

- VCDR, Ch. 5
- Agresti, 2.7, Ch. 7

Supplements

From an online course on Analysis of Discrete Data at Penn State, this lesson on loglinear models for three way tables, <https://onlinecourses.science.psu.edu/stat504/node/122>, uses the UCBA admissions data to illustrate different types of models. In the linked subpages, there are tabs for “Using SAS” and “Using R” that switch the display of code and output.

A web tutorial on loglinear models, <http://ww2.coastal.edu/kingw/statistics/R-tutorials/loglin.html>, by Alan King, describes fitting such models to the Titanic data using `loglm()` and `glm()` in R.

Exercises

1. VCDR, Exercise 5.1
2. VCDR, Exercise 5.4
3. VCDR: Exercise 5.8