Multivariate Analysis: Final Exam   Due on 6/21/2018 in class

Announcement: Please follow the guidelines when writing your report:

- The presentation should be as formal as possible (with a title page, names and IDs, and necessary outputs and plots);
- Please (i) clearly address the problem; (ii) clearly describe the basic ideas of each method you use; (iii) clearly introduce every step required to approach the answer; (iv) carefully interpret the results.
- **Do not** attach any R code in your report;
- Writing either in English or Chinese is fine.

3) Consider the ""new_wages.txt" data set in the midterm exam, which includes 11 categorical characteristics from a random sample of 534 persons.
   (1) Perform a simple correspondence analysis (CA) for the first two variables "Wage" and "Education".
   (2) Perform a multiple correspondence analysis (MCA) for all the variables. By including all variables in this analysis, is the relationship between "Wage" and "Education" different from that observed from the simple correspondence analysis? Comment on the result.