Exercises for the last lecture (22 November)

Rice ex. 9.35

[**Hint:** Assume that the frequencies in the table are multinomial with 13 cells and cell probabilities, $p_0, p_1, p_2, \ldots, p_{12}$. Under H_0 these are binomial probabilities. To calculate binomial (bin(12,q)-probabilities in stata, use the function Binomial(12,x,q) that calculates $P(X \geq x)$. Hence, if the numbers, 0,1,2,….,12 are collected in the column z, the probabilities $P(X = x)$ can be generated by the command: gen r = Binomial(12,z,q) − Binomial(12,z+1,q), where q is the success-probability.]

Exam 2004 H Postponed