

STAT 645

Categorical Data Analysis

Assignment III

Inferential Methods for Contingency Tables

Readings

Chapter 3: §3.1, §3.2, §3.3, §3.4, §3.5, §3.7

(Ignore any “*” sections)

Exercises (Along with any additional comments)

3.2

3.3 In answering this question, mention the type of experiment. Answer the question using a method from §3.1, a method from §3.2, a method from §3.4, and a method from §3.5.

3.11 For Pearson residuals, use/compute the unstandardized residuals

3.12 Use SAS/R to obtain $\hat{\gamma}$ and its estimated asymptotic standard error. Construct the CI using these two quantities.

Due Date: Thursday, March 3, 2016.