

UNIVARIATE STATISTICAL ANALYSIS

TUTORIAL SESSION 6

CONFIDENCE INTERVAL FOR POPULATION MEAN

Chapter 9

Question 9.43 (page.482) – Academic Procrastination

Question 9.44 (page.482) – Academic Procrastination

Extra Question 1

A survey of 100 students in a college, a professor found that the average weekly time spent on doing after class workshop exercise was 15 hours per week. Assume that is normally distributed, with a population standard deviation of 5 hours per week, estimate the 99% confidence interval of the mean time for all students spent on doing workshop exercise each week.

*Question 9.42 (page. 482) – Medical Research

Part a. only

(Hint: You may refer to lecture 1 for the sample mean and sample standard deviation calculations)