

Homework 1
ECON 4848
Professor Martins-Filho
Due date: 01.31.2011 in class

1. The following problems are from your textbook:
 - a) B.2, B.3 (except iii), B.4, B.6 and B.10 on pages 745-746.
 - b) C.1, C.2, C.4 (except iv) on pages 783-784.
 - c) Problems 2.2 and 2.4 on pages 61-62.

2. Using the data census2.dta available on the class website write a Stata do file to perform/provide answers for the following tasks/questions:
 - a) Describe every variable in the data set. How many observations are there in this data set?

 - b) Provide the following:
 1. Sample average, sample variance, minimum, maximum for each variable.
 2. What percentage of the sample values for urban population is larger than 6.5 million?
 3. What is the average number of divorces per state in the NE region?
 4. Create a variable called `dr` which is equal to the ratio between number of divorces and number of marriages.
 5. What is the correlation between number of divorces and urban population in the NE region?

3. Using the the data WAGE1.DTA posted on the class website do question C1.1 on your textbook.