

Homework 6 of STAT 540

Section 001, Fall 2024

Due: Wednesday Oct 23, 2024 (before class)

Total Points: 30

Please hand in a hard copy of your homework in class (SAS code and output) and email your SAS code to Kaniz Fatema (KFATEMA@email.sc.edu). Work on the homework independently.

Problem 1. Write a SAS program to read in the data file tshirt.txt and print your SAS data set. Please write your code to read in the file as they are, i.e., do not edit the data files before having your SAS code read in the data. The variables for each observation, in order, are: size, color, price, and shipping cost. Note that the monetary variables should appear without dollar signs in the printed data set.

Problem 2. Write a SAS program to read in data from file districtdata.txt on blackboard. Please do not edit the data file before having your SAS code read in the data. The variables for each observation, in order, are: district, number of teachers, number of students, rating. Note that the symbol “|” is the delimiter that separates data values. Print out your SAS data.

Problem 3. Write a SAS program to read in (and also print) the data file champ36pres.txt. Please do not edit the data file before having your SAS code read in the data. The variables you should read in for each data line, in order, are: year, team, wins, losses, ties, coach. Note that the data are arranged in COLUMNS in the data file. For the year when there are two champions (like 1957), it's fine to have SAS read in the year as missing for the second team for that year. Print out the observations of your SAS data with years since 2000.