Take Test: Module 02 Week 3 gretl Assignment

Test Information

Description

This week's pen and pencil assignment covers the assigned reading in our textbook by Illowsky and Dean, i.e. Chapters 8 and 9. This assignment includes a variety of multiple choice, true/false and fill in the blank questions. Select the link below to download a Word doc with most of the assigned problems.

Module 2 Week 1, gretl 3 ANA 500.docx

Instructions

After completing the problems with gretl, if you are not already where you need to be either follow the links under "Modules" to this assignment or go directly to Assignments and find the Module 02 Week 3 gretl Assignment to complete the online portion of it. (The online assignment calls it a "test" in some places. That was an automatic thing the Blackboard system generated. This is just a way for you to enter your answers to this week's pen and pencil assignment online. It is not a test.)

This assignment contains a variety of types of questions. As you complete the problems with gretl, you will want to note your answers to the questions to make it easier for you to enter them onlin later.

Multiple Attempts

This test allows 2 attempts. This is attempt number 1.

Force Completion

This test can be saved and resumed later.

Your answers are saved automatically.

Question Completion Status:

QUESTION 1

Using the DC Crime dataset, estimate the mean for the variables “arrests”. Enter your answer rounded to two decimal places.

8 points Save Answer

QUESTION 2

Using the DC Crime dataset, estimate the mean for the variables “package”. Enter your answer rounded to two decimal places.

8 points Save Answer

QUESTION 3

Using the DC Crime dataset, estimate the mean for the variables “lights”. Enter your answer rounded to two decimal places

8 points Save Answer

QUESTION 4

Rename the variable schools “numschool”. Create a new variable named “school” that equals 0 if no schools are present and equals 1 if any schools are present. Estimate the proportion of blocks where a school is present. Enter your answer rounded to two decimal places.

8 points Save Answer

QUESTION 5

QUESTION 5

Create a new variable named “highue” that equals 0 if a block less than 10% unemployment and equals 1 if a block has 10% unemployment or higher. Estimate the proportion of blocks with unemployment of 10% or higher.

8 points Save Answer

QUESTION 6

Calculate 95% confidence intervals for "arrests," i.e. the upper bound [ ] and the lower bound [ ]. Enter your answers rounded to two decimal places.

9 points Save Answer

QUESTION 7

Calculate 95% confidence intervals for "package," i.e. upper bound [ ] and lower bound [ ]. Enter your answers rounded to two decimal places.

9 points Save Answer

QUESTION 8

Calculate 95% confidence intervals for "lights," i.e. upper bound [ ] and lower bound [ ]. Enter your answers rounded to two decimal places.

8 points Save Answer

QUESTION 9

Calculate 95% confidence intervals for "school," i.e. upper bound [ ] and lower bound [ ]. Enter your answers rounded to two decimal places.

8 points Save Answer

QUESTION 10

Calculate 95% confidence intervals for "highue," i.e. upper bound [ ] and lower bound [ ]. Enter your answers rounded to two decimal places.

8 points Save Answer

QUESTION 11

Graph a frequency distribution for the variable “school”. Graph a frequency distribution for the variable “highue”. Which variable is more evenly distributed? For your answer enter either "school" or "highue" in all lower case letters without the quotation marks.

[ ]

8 points Save Answer

QUESTION 12

Graph an estimated density for the variable “lights”. Graph an estimated density for the variable “arrests”. Which variable’s distribution is more skewed, "lights" [ ] or "arrests" [ ], and it which direction is it skewed? For your first answer enter either "lights" or "arrests" in all lower case letters without the quotation marks. For your second answer, enter either right or left in all lower case letters.

10 points Save Answer

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

Save All Answers Save and Submit