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Homework

Please answer the following questions. Be sure that you have downloaded the associated Excel file before beginning the homework. This lesson uses the **JulyChi-SquaredHW.xlsx** file. Explanations for the problems in this lesson can be found in the **JulyChi-SquaredKEY.xlsx** file.

*Remember that homework counts for 20% of your final grade. You are allowed **unlimited** attempts per question for homework problems. The main goal of homework is for you to practice and learn how to apply what you've learned in the content without worrying about getting the problem right the first time. Some homework problems may also provide hints or advice. Have fun!*

M5L8HW1

1/1 point (graded)

Based on the data given **JulyChi-SquaredHW.xlsx**, for $\alpha = 0.05$, would you conclude that private and public school students have different tastes in music?

- ☒ We fail to reject the null hypothesis; students at public and private schools have the same taste in music. ✓
- ☐ We reject null hypothesis; studentst at public and private schools do not have same taste in music.

Submit

✓ Correct (1/1 point)

M5L8HW2

1/1 point (graded)

Based on the data given in the file **JulyChi-SquaredHW.xlsx**, for $\alpha = 0.05$, would you conclude that the quality of the cell phone chips depends on where they are made?

☒ We fail to reject the null hypothesis; there is no significant difference in quality of chips produced at the three plants.



☐ We reject null hypothesis; there is a significant difference in quality of chips produced at the three plants.

Submit

✓ Correct (1/1 point)

M5L8HW3

1/1 point (graded)

Based on the data given in Problem 3 of **JulyChi-SquaredHW.xlsx**, for $\alpha = 0.05$, would you conclude there is a significant difference in the performance of the drugs?

- ☐ Drug 1 is more effective.
- ☒ Drug 2 is more effective. ✓
- ☐ The drugs do not differ in effectiveness.

Submit

✓ Correct (1/1 point)

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