



The Statistical Sommelier: An

Course > Unit 2: Linear Regression > Introduction to Linear Regression >

Quick Question

Audit Access Expires Aug. 12, 2019

You lose all access to this course, including your progress, on Aug. 12, 2019.

Quick Question

Quick Question

0/3 points (graded)

In R, use the dataset `wine.csv` to create a linear regression model to predict Price using HarvestRain and WinterRain as independent variables. Using the summary output of this model, answer the following questions:

What is the "Multiple R-squared" value of your model?

✗ Answer: 0.3177

1.004199

What is the coefficient for HarvestRain?

✗ Answer: -4.971e-03

-0.004199

What is the intercept coefficient?

✗ Answer: 7.865

-0.004199

Explanation

In R, create the model by typing the following line into your R console:

```
modelQQ4 = lm(Price ~ HarvestRain + WinterRain, data=wine)
```

Then, look at the output of `summary(modelQQ4)`. The Multiple R-squared is listed at the bottom of the output, and the coefficients can be found in the coefficients table.

Submit

You have used 5 of 5 attempts

i Answers are displayed within the problem