

Quiz 07

⚠ This is a preview of the published version of the quiz

Started: Oct 23 at 7:52am

Quiz Instructions

Select the appropriate answer for each question. Read the questions carefully because you only get one chance for this quiz.



Question 1 1 pts

The choice of what category is represented by 1 and what category is represented by 0 in an indicator variable changes from one software system to another.

☐

True

☐

False



Question 2 1 pts

If you use an indicator variable to represent a categorical variable in linear regression, the intercept represents the estimated average value of Y for the "zero category" and the slope represents the estimated average value of Y for the "one category".

☐

True

☐

False



Question 3 1 pts

You do not bother computing leverage when you use an indicator variable because it is impossible to have a outlier in the X direction with a variable that can only equal 0 or 1.

☐

True

☐

False



Question 4 1 pts

In a multiple linear regression model, the plot of fitted values versus residuals helps you assess whether there is heterogeneity or non-linearity.

☐

True

☐

False



Question 5 1 pts

Multicollinearity becomes a serious concern when the variance inflation factor is larger than 1.

☐

True

☐

False

Not saved

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