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Help

QUICK QUESTION 3.1 (1/1 point)

Suppose you have a subset of 20 observations, where 14 have outcome A and 6 have outcome B. What proportion of observations have outcome A?

Answer: 0.7**EXPLANATION**

The fraction of observations that have outcome A is $14/20 = 0.7$.

Final Check

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QUICK QUESTION 3.2 (3/3 points)

The following questions ask about the subset of 20 observations from the previous question.

If we set the threshold to 0.25 when computing predictions of outcome A, will we predict A or B for these observations?

- ☒ A ✓
☐ B

If we set the threshold to 0.5 when computing predictions of outcome A, will we predict A or B for these observations?

- ☒ A ✓
☐ B

If we set the threshold to 0.75 when computing predictions of outcome A, will we predict A or B for these observations?

- ☐ A
☒ B ✓

EXPLANATION

Since 70% of these observations have outcome A, we will predict A if the threshold is below 0.7, and we will predict B if the threshold is above 0.7.

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