

Lesson 09 Quiz

Started: Mar 9 at 8:48pm

Quiz Instructions

Accuracy Measures

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This quiz refers to **Accuracy Measures**.

You are allowed 2 attempts; your highest score will be kept. Correct answers will be shown after the 2nd attempt.

Use these results for the following questions:

The predictions of a classifier are $y = [0, 0, 1, 1, 0, 1, 0, 0, 0, 0]$.

The actual labels are $Y = [0, 0, 0, 1, 1, 1, 1, 0, 0, 0]$.

Question 1

1 pts

What are the Precision and the Recall for **class 1** (rounded to 2 digits)?

☒ P = 0.67, R = 0.50

☐ P = 0.67, R = 0.83

☐ P = 0.71, R = 0.83

☐ P = 0.71, R = 0.50

Question 2

1 pts

What's the F1 score for **class 0** (rounded to 2 digits)?

☐ 0.71☐ 0.57☒ 0.77☐ 0.83**Question 3****1 pts**

What's the FP rate, for **class 0** (rounded to 2 digits)?

☐ 0.33☐ 0.17☒ 0.50☐ 0.67**Question 4****1 pts**

What's the TP rate, for **class 0** (rounded to 2 digits)?

☐ 0.50☒ 0.83☐ 0.71☐ 0.66**Question 5****1 pts**

The predictions of a classifier are $y = [0, 0, 1, 1, 0, 1, 0, 0, 0, 0]$, while the actual labels are $Y = [0, 0, 0, 1, 1, 1, 1, 0, 0, 0]$.

What's the accuracy rate of that classifier, for this test set?

☐ 0.5

☐ 0.8

☒ 0.7

☐ 0.6

Question 6

1 pts

For predicting a particular class, a binary classifier has an AUC score of 0.70 and another one has an AUC score of 0.75.

Which one is better? Would you ever want to use the other one, nevertheless?

☐ 2nd one; No

☐ 1st one; No

☐ 1st one; Yes

☒ 2nd one; Yes

Quiz saved at 8:56pm

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