Congratulations! You passed!
Grade received 91.67%
To pass 80% or higher
Go to next item

1. The confusion matrix is a graphical representation of how accurate a classifier is at predicting what for a categorical variable?

    1 / 1 point

    ○ Errors

    ○ Precision

    ● Labels

    ○ Validity

    ⊘ Correct
    The confusion matrix is a graphical representation of how accurate a classifier is at predicting the labels for a categorical variable. It displays how many data points were accurately categorized by the classifier for each category. The other squares in a grid convey how many data points were misclassified.

2. Fill in the blank: _____ measures the proportion of positive predictions that were true positives.

    1 / 1 point

    ○ Recall

    ● Precision

    ○ Validity

    ○ Accuracy

    ⊘ Correct
    Precision measures the proportion of positive predictions that were true positives.

3. Which of the following provide additional information about the likelihood of a result being merely by chance? Select all that apply.

    0.75 / 1 point

    ☑ P-value

    ⊘ Correct
    The p-value and confidence intervals provide additional information about the likelihood of a result being merely by chance.

    ☐ Logit

    ☑ Confidence intervals

    ⊘ Correct
    The p-value and confidence intervals provide additional information about the likelihood of a result being merely by chance.

    ☑ Maximum likelihood estimation

ⓧ This should not be selected
The p-value and confidence intervals provide additional information about the likelihood of a result being merely by chance.