

## **Multiple Choice**

1/1 point (graded)

The support vector machine finds the decision boundary that minimizes the probability of making a classification error.

TRUE

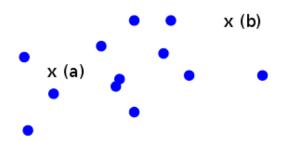
● FALSE

Submit

You have used 1 of 1 attempt

## **Multiple Choice**

1/1 point (graded)



The figure contains a data set defined by the blue dots. Also shown in the figure are two locations marked by an "x" with a corresponding label. Which point(s), if any, are contained in the convex hull defined by the blue data points?



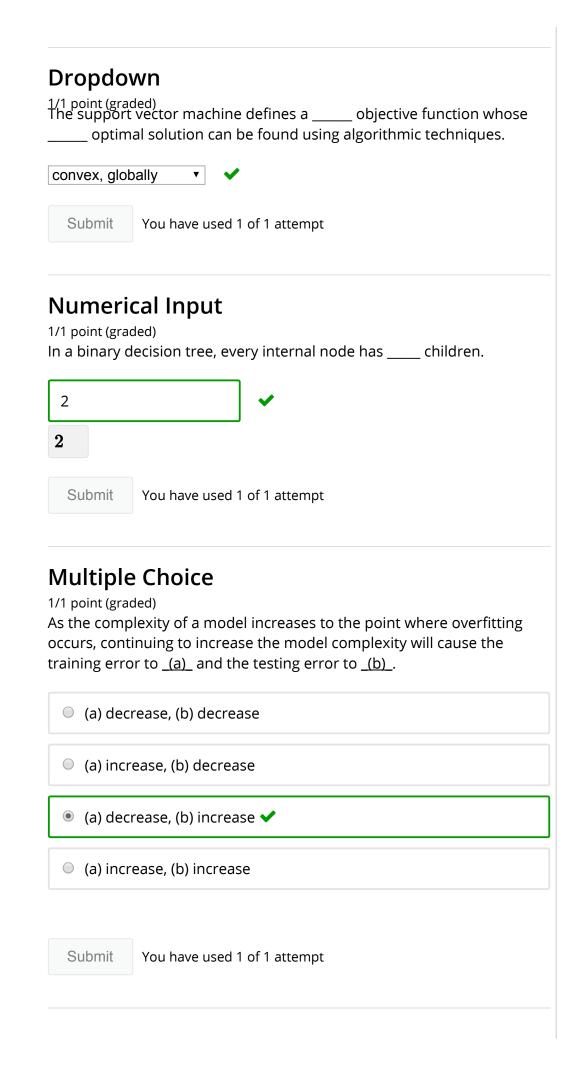




neither

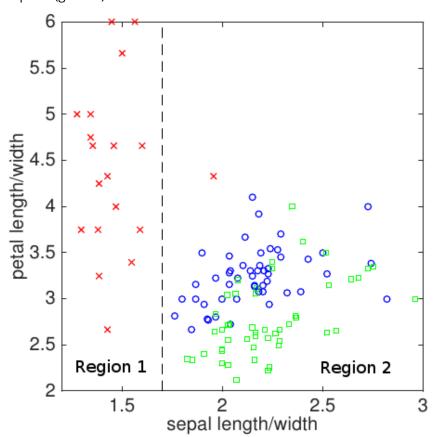
Submit

You have used 1 of 1 attempt



## **Multiple Choice**

1/1 point (graded)



In the figure shown, along which dimension and in which region would the next split most likely be made when constructing a binary decision tree?

- In Region 1 along the "petal" dimension
- In Region 2 along the "petal" dimension
- In Region 1 along the "sepal" dimension
- In Region 2 along the "sepal" dimension

Submit

You have used 1 of 1 attempt

## **Text Input**

2.0/2.0 points (graded)

(In this problem, the answers should be a single word based on concepts we discussed this week.)

The procedure of resampling from a data set in order to calculate multiple instances of a statistic is called:

bootstrap

The procedure of combining multiple classifiers in a majority vote is called:

bagging

You have used 1 of 1 attempt

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