

Boosting and Stacking

Practice Assignment • 5 min

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To pass you need at least 50%. We keep your highest score.

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1. (True/False) Boosting tend to be well suited for data sets with outliers and rare events.

1 / 1 point☒ True

Correct! The nature of boosting algorithms tends to produce good results in the presence of outliers and rare events. You can find more information on the Boosting and Stacking lesson.

☐ False

2. All of these are characteristics of boosting algorithms, EXCEPT:

1 / 1 point

- ☐ They use the entire data set, not only bootstrapped samples
- ☐ They use residuals from previous models
- ☐ They create trees iteratively
- ☒ They create trees independently

Correct! Boosting algorithms create trees iteratively, not independently, by boosting observations with high residuals from the previous tree model. You can find more information in the Boosting lesson.

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