Test Canvas: Prep Quiz 24, April 24

The Test Canvas allows you to add and edit questions, add question sets or random blocks, reorder questions, and review the test. More Help

Create Question | Reuse Question | Upload Questions | | Question Settings

Description	This quiz will be available until 1 hour before class on Apr 24. You have 1 try and will get 10 minutes. After ten minutes the quiz will self submit. As a reminder, you can use all material, but communicating the questions or answers to fellow students is considered cheating. The quiz should be easy if you watched the videos and read the material.
Instructions	
Total Questions	5
Total Points	100

Select: All None Select by Type: - Question Type -

Delete Points Update Hide Question Details

1. Either/Or: High bias is another term for overfit...

Points: 20

Question	High bias is another term for overfitting
Answer	Agree ✓ Disagree
Correct Feedback	High bias=underfitting

2. Either/Or: High variance means underfitting

Points: 20

Question	High variance means underfitting
Answer	Agree ✓ Disagree
Correct Feedback	high variance = overfitting

3. Either/Or: Consider a logistic regression with a...

Points: 20

Question	Consider a logistic regression with an AUC of 0.9 on the training set, and 0.55 on the test set. This strongly points to underfitting.
Answer	Agree ✓ Disagree
Correct Feedback	It points to overfitting.

☐ **4. Either/Or: Bagging and random forest reduce bias** Points: 20

Question	Bagging and random forest reduce bias
Answer	Agree ✓ Disagree
Correct Feedback	variance

☐ **5. Either/Or: Reducing bias is generally a good str...** Points: 20

Question	Reducing bias is generally a good strategy
Answer	Yes ✓ No
Correct Feedback	It is not generally a good strategy because we may be increasing variance at the same time. A general good strategy is to find the optimal point (where bias and variance are at their minimum).

Select: All None Select by Type: - Question Type -

Delete Points Update Hide Question Details

← OK