Question 3 Flag question Mark 0.00 out of 2.00 Incorrect This question refers to *the student task #1* in the "Trustworthy AI" assignment.

Explainability is subjective. It tells how well can a user anticipate (or guess) the prediction delivered by a hypothesis for a given data point.

A human can guess the prediction delivered by the model with a certain level of accuracy.

In the student task #1 the perturbations follow the normal distribution. What type of relationship is between the variances of perturbations and the sum of the Euclidian distances between the weight vectors obtained for the original and perturbed data?

a. There is no relationship between the specified variables. ☐ b. Positive linear relationship.

See the corresponding Section 8.4 in the Lecture Notes (link).

☑ c. Non-linear relationship.

★

d. Negative linear relationship.

The correct answer is:

Please, join Slack channel (link) if you have any questions regarding the coding assignment.

The correct answer is: Positive linear relationship.

Your answer is incorrect.

Question 4 Flag question Mark 0.00 out of 2.00 Incorrect

This question refers to **the student task #1** in the "Trustworthy AI" assignment.

In the student task #1 the perturbations follow the normal distribution. What type of relationship is between the means of perturbations and the sum of the Euclidian distances between the weight vectors obtained for the original and perturbed data?

a. Positive linear relationship.

■ b. Negative linear relationship. c. There is no relationship between the specified variables.

☑ d. Non-linear relationship.

★

Your answer is incorrect. Please, join Slack channel (link) if you have any questions regarding the coding assignment.

The correct answer is: Positive linear relationship.

Question 5

This question refers to **the student task #1** in the "Trustworthy AI" assignment.

In the student task #1 the perturbations follow the normal distribution. Consider two cases:

1. the perturbations $\sim \mathcal{N}(1,10)$, and 2. the perturbations $\sim \mathcal{N}(10,1)$.

For what case does the the sum of the Euclidian distances between the weight vectors obtained for the original and perturbed data is larger?

a. For both cases the sum Euclidian distances is the same.

✓ b. 1 × c. 2

Your answer is incorrect.

Please, join Slack channel (link) if you have any questions regarding the coding assignment.

The correct answer is:

Finish review

Incorrect

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