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Quiz Question 9

Scott Hu Precision-Recall (/learn/ml-classification/module/ddJSf/discussions) · 7 days ago (/learn/ml-classification/discussions/Fm9Roeb4EeWohBKTpGZ3Aw)

Not exactly sure what this is asking. If the cutoff for a positive prediction is 0.90, then anything above this should be considered a positive prediction. Yet, when I put either 0.90 or 0.91, it comes out wrong.

Any thoughts?

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Philip Cho Teaching Staff · 7 days ago (/learn/ml-classification/discussions/Fm9Roeb4EeWohBKTpGZ3Aw/replies/AuRJZOcLEeWCWg4sBTB7QQ)

Notice that class probability =/= score. In the context of linear classifier, score is the dot product of coefficieints and features.

Recall that P(y = +1 | x,w) = sigmoid(score). If we want P(y=+1|x,w) to be greater than 0.9, how large should the score be?

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Scott Hu · 7 days ago (/learn/ml-classification/discussions/Fm9Roeb4EeWohBKTpGZ3Aw/replies/AuRJZOcLEeWCWg4sBTB7QQ/comments/zPQ0dOcPEeWqSQ7kx0rpLQ)

Hi Philip,

Thanks. I misread the question.

Again thanks for the clarification.

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