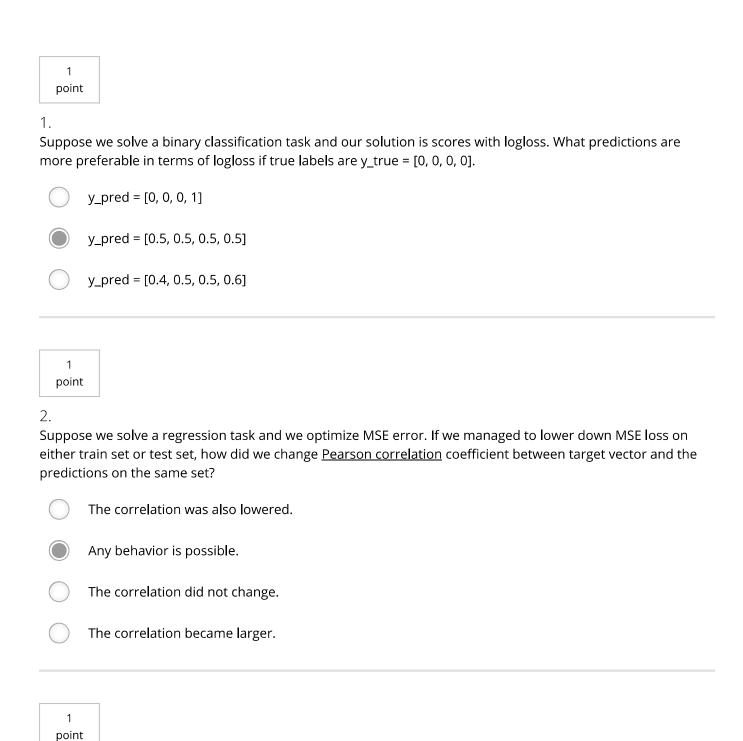
## **Metrics**

Quiz, 6 questions



3.

What would be a best constant prediction for a following multi-class classification task with 4 classes? The solution is scored with multi-class logloss. The number of objects of each class in train set is: 18, 3, 15, 24.

Enter four comma separated values. Round each to two decimal places and use a leading zero before a fractional part (e.g. "0.50"; not ".5").

z, 6 questions
1
point
4.
What is the best constant predictor for R-squared metric?
One minus target mean
One minus target mean
0.5
(Log of target mean) + 1
Toward was a second sec
Target mean
Target mean divided by target variance
<ul> <li>Select the correct statements.</li> <li>Optimization loss is always different to target metric.</li> <li>Optimization loss is always the same as target metric.</li> <li>Optimization loss can different to target metric.</li> <li>Optimization loss can be the same as target metric.</li> </ul>
1
point
6.
Suppose the target metric is <b>M1</b> , and optimization loss is <b>M2</b> . We train a model and monitor its quality on
holdout set using metrics <b>M1</b> and <b>M2</b> .
Select the correct statements.
If the best M1 score is attained at iteration N, then the best M2 score is always attained after N-th iteration.

Metrics Quiz, 6 question	II the best <b>W I</b> stole is attained at iteration in, then the best <b>W2</b> stole is always attained before in-th	
	There is no definite relation between the best iterations for <b>M1</b> score and <b>M2</b> score.	
	If the best $\bf M1$ score is attained at iteration N, then the best $\bf M2$ score is always attained also at the iteration N.	
I, <b>Jiadai Zhao</b> , understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.		
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