



<u>Course</u> > <u>Ch5 Resampling Methods</u> > <u>5.1 Cross-validation</u> > 5.1 Review Questions

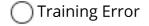
5.1 Review Questions

5.1.R1

1/1 point (graded)

When we fit a model to data, which is typically larger?







Explanation

Training error almost always underestimates test error, sometimes dramatically

Submit

1 Answers are displayed within the problem

5.1.R2

1/1 point (graded)

What are reasons why test error could be LESS than training error?

	odel is highly complex, so training error systematically timates test error
	odel is not very complex, so training error systematically timates test error
✓ Explanation	
compared t s not very co	or usually UNDERestimates test error when the model is very comple o the training set size), and is a pretty good estimate when the mode omplex. However, it's always possible we just get too few hard-to- ts in the test set, or too many in the training set.

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