	uild a decision tree (using operator W-J48 from the Weka Extension
Pack) on the entire	data set. What is the non-cross-validated kappa?
0.346	
obtained is artificial	hat's the correct answer, but let's think about it. The kappa value you just lly high – the model is over-fitting to which student it is. What is the non-pa, if you build the model (using the same operator), excluding student?
0.159	
the current data set the current data set	ome other features in the data set may make your model overly specific to . Which data features would not apply outside of the population sampled in ? Select all that apply.
A) School	
B) Class C) Grade	Submit
D) Coder	
E) Gender	
F) Obsnum	
	ame operator), excluding student and the variables from Question 3? cided to eliminate School, Class, and Coder, as well as STUDENTID.
0.171	
	What is the non-cross-validated kappa, for the same set of variables you 4, if you use Naïve Bayes?
-0.007	
Question 6 of 13: V used for question 4	What is the non-cross-validated kappa, for the same set of variables you I, if you use W-JRip?
0.100	
used for question 4	What is the non-cross-validated kappa, for the same set of variables you if you use Logistic Regression? (Hint: You will need to transform some this work; RapidMiner will tell you what to do)
0.00	
	Vow, that was a lot of waiting for nothing. What is the non-cross-validated e set of variables you used for question 4, if you use Step Regression ression)?

0.001	
Question 9 of 13: What is the non-cross-validated kappa, for the same set of variables you used for question 4, if you use k-NN instead of W-J48? (We'll discuss the results of this test later).	
1.000	
Question 10 of 13: What is the kappa, if you delete School, Class, Coder, and STUDENTID, use W-J48, and conduct 10-fold stratified-sample cross-validation?	
0.106 +/- 0.019	
Question 11 of 13: Why is the kappa lower for question 11 (cross-validation) than question 4 (no cross-validation?)	
A) K-fold-cross-validation is not as good as leave-out-one-cross-validatio	
B) You shouldn't use kappa with k-fold-cross-validation	
C) Using cross-validation overfits to the training sample	
D) Not using cross-validation overfits to the training sample	