The best way would be to explicitly supply the tuneGrid dataframe. For instance, random forest had only one tuning parameter, 'mtry', which controls the number of features selected for each tree.

To set mtry at a specific value, you might choose the randomForest default (?randomForest) do the model <- train(x = X, y = Y, method = 'rf', tuneGrid = data.frame(.mtry = M))

where M is the one value of the tuning parameter you wish to use.

for multiple tuning parameters do this:

tuneGrid = data.frame(.par1 = P1, .par2 = P2, .par3 = P3)

share improve this answer

answered Jul 11 '12 at 21:52

Welcome to our site, Brent! Thanks for following up with this old question. – whuber ♦ Jul 12 '12 at 12:36

The suggestion below method="none" is the better solution. — topepo May 8 '14 at 12:51

add a comment

6

You can specify method="none" in trainControl . For example:

train(Species ~ ., data=iris, method="rf", tuneGrid=data.frame(mtry=3),
trControl=trainControl(method="none"))

I'm not sure when this was implemented.

share improve this answer

answered May 1 '14 at 0:00
Peyton
171 15 5

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Hot Network Questions

How to prove this inequality

Aking has n children, at least one of them is a daughter. What's the probability that all of them are daughters?



I don't think it is possible (at least it was not possible as of a few versions ago). One can reduce the			two ser	vers that located in the same ation network?
performance impact by setting up just a single resampling partition in training data (but caret would still train a model twice)			W How ca	an I quickly check if my sprite
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