

## In-class Lab 7: Trees Ensemble Methods

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<b>Due</b>	Nov 4 by 11:59pm	<b>Points</b>	1	<b>Submitting</b>	a file upload	<b>File Types</b>	pdf
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- 1) Upload all plots derived from the trees-ensemble-methods.Rmd file.
- 2) Using your experience in R, explain what the following R commands do and what each argument means, to the best of your understanding:
  - a) (line 47 of the code)  
`fit=randomForest(medv~.,data=Boston,subset=train,mtry=mtry,ntree=400)`
  - b) (line 67 of the code)  
`boost.boston=gbm(medv~.,data=Boston[train,],distribution="gaussian",  
                  n.trees=10000,shrinkage=0.01,interaction.depth=4)`
  - c) (line 76 of the code)  
`predmat=predict(boost.boston,newdata=Boston[-train,],n.trees=n.trees)`