0.1 Classification Example

```
data(iris)
TrainData <- iris[,1:4]
TrainClasses <- iris[,5]


knnFit1 <- train(TrainData, TrainClasses,
                 method = "knn",
                 preProcess = c("center", "scale"),
                 tuneLength = 10,
                 trControl = trainControl(method = "cv"))


knnFit2 <- train(TrainData, TrainClasses,
                 method = "knn",
                 preProcess = c("center", "scale"),
                 tuneLength = 10,
                 trControl = trainControl(method = "boot"))



library(MASS)
nnetFit <- train(TrainData, TrainClasses,
                 method = "nnet",
                 preProcess = "range",
                 tuneLength = 2,
                 trace = FALSE,
                 maxit = 100)
```