Random

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```
dat=read.csv("database.csv",header=TRUE, na.strings = "") %>%
  select(glyresistant, proresist, county, currentcrop, tillage, irrigation, populationdistribution, pop
zforest<- rfImpute(x=dat[,2:9], y=dat[,1], ntree=5000)</pre>
## ntree
              00B
                       1
## 5000: 35.29% 57.89% 21.88%
## ntree
              00B
  5000: 35.29% 63.16% 18.75%
## ntree
              00B
                       1
## 5000: 33.33% 57.89% 18.75%
              00B
## ntree
  5000:
##
           33.33% 63.16% 15.62%
## ntree
              00B
## 5000: 35.29% 57.89% 21.88%
test=randomForest(y=zforest[,1],x=zforest[,2:9],ntree=5000)
varImpPlot(test,main="",n.var=8)
county
currentcrop
previouscrop
populationdensity
irrigation
tillage
pporesist
populationdistribution
                        0
                                1
                                        2
                                                3
                                                       4
                                                               5
                                                                       6
```

MeanDecreaseGini