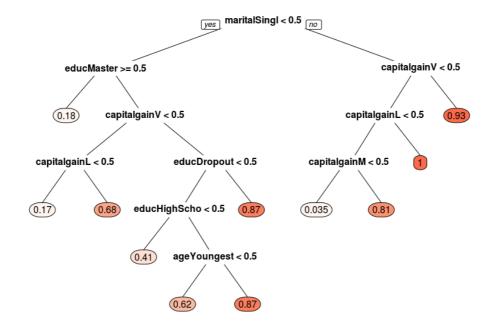
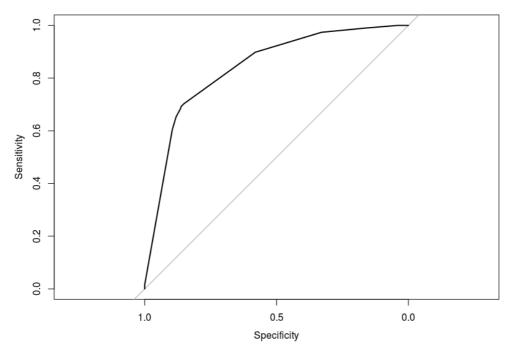


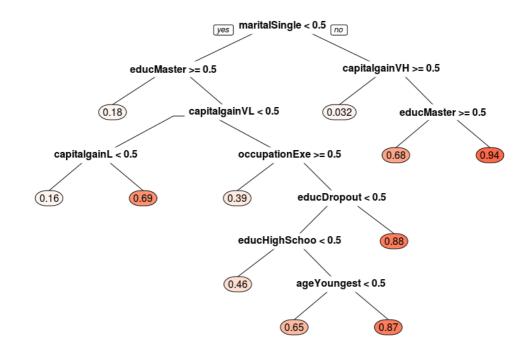
Confusion Matrix

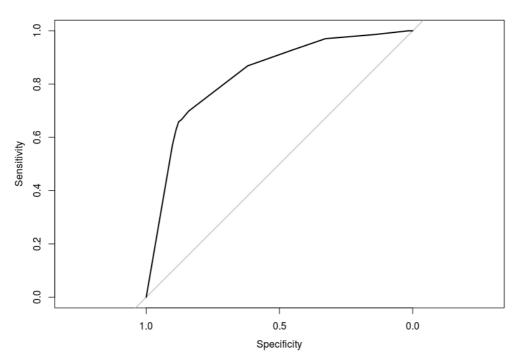
pred 0 1 1 1299 3021 Accuracy 0.3006944 Recall 0.3006944 Precision 1 F-Score 0.4623599 AUC 0.8421367



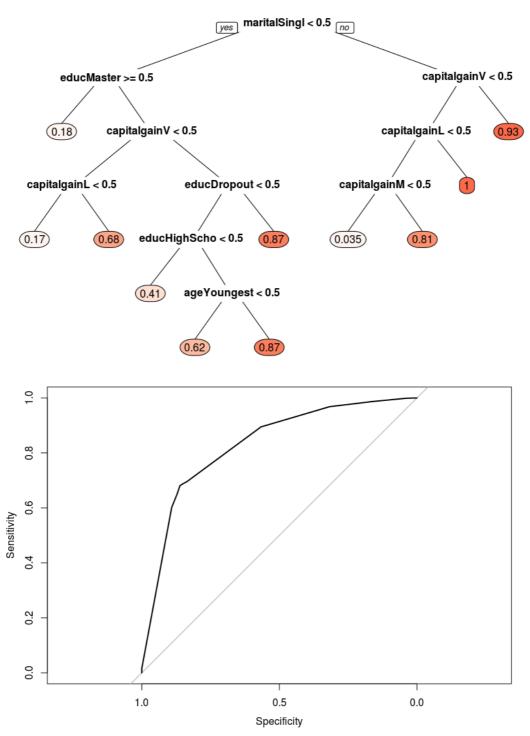


pred 0 1 0 727 312 1 525 2756 Accuracy 0.80625 Recall 0.6997113 Precision 0.5806709 F-Score 0.6346574 AUC 0.8394025





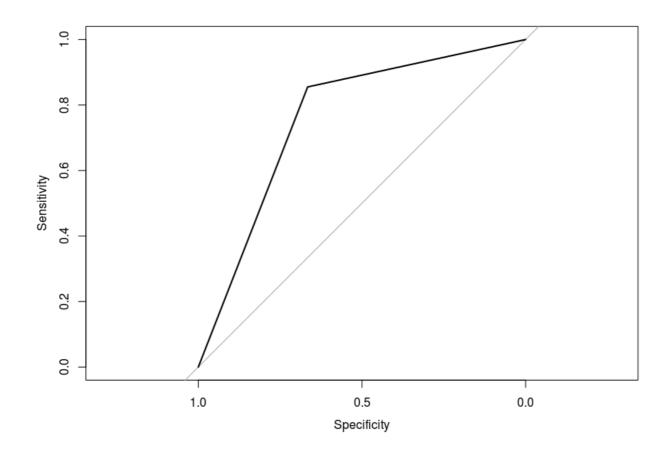
pred 0 1 0 805 397 1 495 2623 Accuracy 0.7935185 Recall 0.6697171 Precision 0.6192308 F-Score 0.6434852 AUC 0.8325209



pred 0 1 0 735 318 1 562 2705 Accuracy 0.7962963 Recall 0.6980057

Precision 0.5666924

F-Score 0.6255319



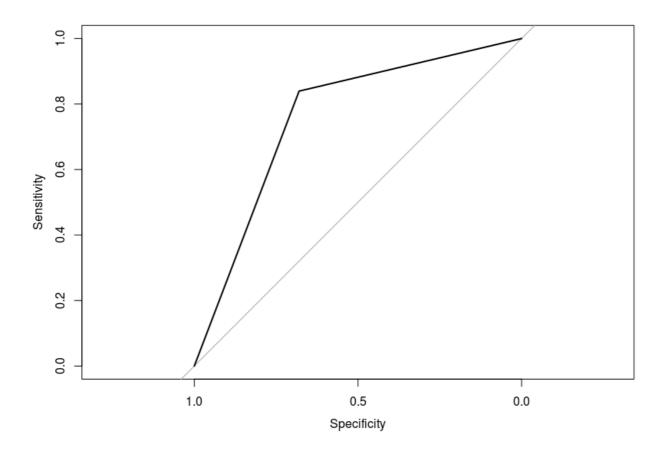
pred High Low

High 857 439 Low 430 2594 Accuracy 0.7988426 Recall 0.6612654

Precision 0.6658897

F-Score 0.6635695

naive bayes 10-folds



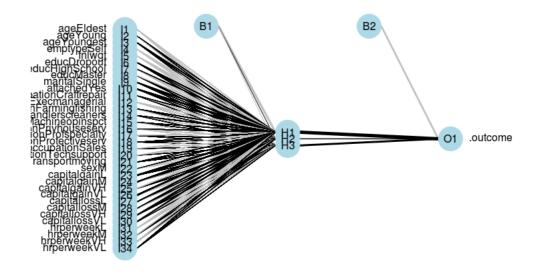
pred High Low

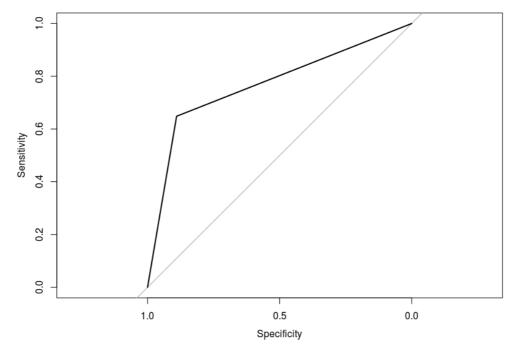
High 875 487 Low 412 2546 Accuracy 0.7918981 Recall 0.6424376

Precision 0.6798757

F-Score 0.6606267

technical difficulties: took 1000 records





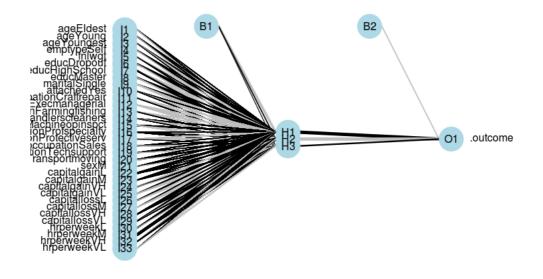
predicted High Low High 59 23 Low 32 186 Accuracy 0.8166667 Recall 0.7195122

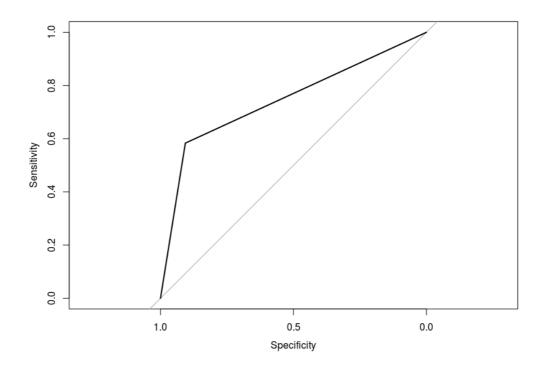
Precision 0.6483516

F_Score 0.6820809

nnet 1 hidden layer 10-fold

technical difficulties: took 1000 records





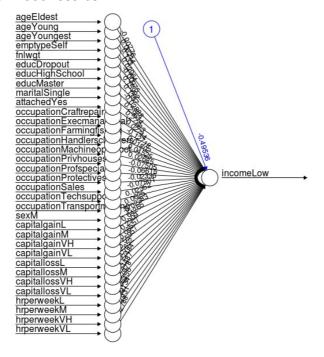
predicted High Low High 35 13 Low 25 126 Accuracy 0.8090452 Recall 0.7291667

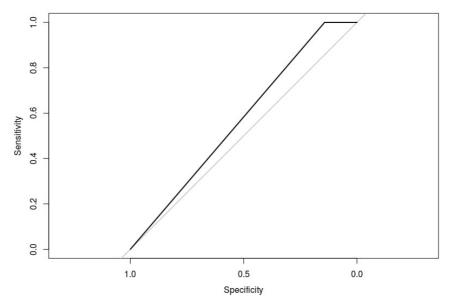
Precision 0.5833333

F_Score 0.6481481

neuralnet 80:20

technical difficulties: took 1000 records



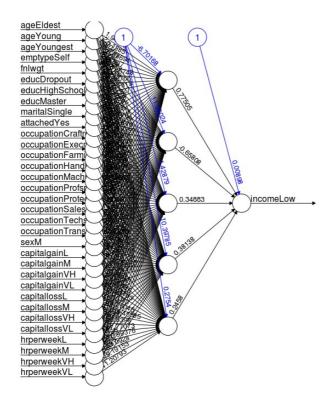


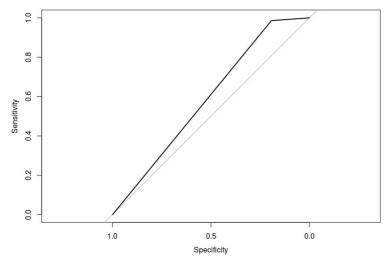
predicted 0 1 0 10 0 1 49 141 Accuracy 0.755 Recall 1

Precision 0.1694915254

F_Score 0.2898550725

ann folds





predicted 0 1 0 6 1 1 25 68 Accuracy 0.74 Recall 0.8571428571

Precision 0.1935483871

Precision 0.1935483871

in 80:20 sampling, GINI has highest AUC in 10-folds, GINI has highest AUC

classes=2

db<-dbscan(d,eps=661673,minPts = 6093)

DBSCAN clustering for 21601 objects.
Parameters: eps = 661673, minPts = 6093
The clustering contains 1 cluster(s) and 1 noise points.

0 1 1 21600

Available fields: cluster, eps, minPts

Noise=1

kmeans with k=1

SSE = 0

kmeans with k=2

SSE = 58.9

kmeans with k=1

SSE =79

Silhouette Coefficient:

PAM

0.09793531588 0.05836528851

0.08016837359

CLARA

0.14558047955 0.05815519407

0.1177633433