

1. For bagging, try two depths 3 and 5 and two sets of bags 5 and 10
2. For Adaboost, try two depths 1 and 2. Try two bags 5 and 10 trees.
3. Report the confusion matrix for these four settings.

Bagging depth = 3, bag = 5

Accuracy = 76.658 %

	real 1	real 0
exp 1	32	496
exp 0	0	1597

Bagging depth = 3, bag = 10

Accuracy = 76.658 %

	real 1	real 0
exp 1	32	496
exp 0	0	1597

Bagging depth = 5, bag = 5

Accuracy = 76.658 %

	real 1	real 0
exp 1	32	496
exp 0	0	1597

Bagging depth = 5, bag = 10

Accuracy = 76.658 %

	real 1	real 0
exp 1	32	496
exp 0	0	1597

Boosting depth = 3, bag = 5

Accuracy = 75.158 %

real 1 real 0

exp 1 32 528

exp 0 0 1629

Boosting depth = 3, bag = 10

Accuracy = 75.158 %

real 1 real 0

exp 1 32 528

exp 0 0 1597

Boosting depth = 5, bag = 5

Accuracy = 75.158 %

real 1 real 0

exp 1 32 528

exp 0 0 1597

Boosting depth = 5, bag = 10

Accuracy = 75.158 %

real 1 real 0

exp 1 32 528

exp 0 0 1597

4. Now, use Weka's default Adaboost and bagging and present their results.

Ada Boost : 75%

a b <-- classified as

1579 514 | a = 0

0 32 | b = 1

Bagging: 74.96%

a b <-- classified as

1561 532 | a = 0

0 32 | b = 1