

Telco Dataset

Decision Tree

Performance measure	Training (%)	Test (%)
Accuracy	99.79	73.88
True positive rate (sensitivity, recall, hit rate)	100	51
True negative rate (specificity)	100	83
Positive predictive value (precision)	100	52
False discovery rate	0	48
F1 score	1	0.52

Adaboost

Number of boosting rounds	Training (%)	Test (%)
5	78.43	77.57
10	78.51	78.57
15	79.18	79.06
20	79.64	79.49

Adult Dataset

Decision Tree

Performance measure	Training (%)	Test (%)
Accuracy	100	81.84
True positive rate (sensitivity, recall, hit rate)	100	62
True negative rate (specificity)	100	88
Positive predictive value (precision)	100	61
False discovery rate	0	39
F1 score	1	0.62

Adaboost

Number of boosting rounds	Training (%)	Test (%)
5	84.26	84.55
10	84.67	84.92
15	85.2	85.52
20	85.31	85.34

Credit Card Fraud Dataset

Decision Tree

Performance measure	Training (%)	Test (%)
Accuracy	100	99
True positive rate (sensitivity, recall, hit rate)	100	79
True negative rate (specificity)	100	100
Positive predictive value (precision)	100	79
False discovery rate	0	21
F1 score	1	0.79

Adaboost

Number of boosting rounds	Training (%)	Test (%)
5	99.52	99.46
10	99.52	99.46
15	99.52	99.46
20	99.54	99.49