```
>> random_forests
When forest size = 1, trainCCR, Precision, Recall, F-score are:↙
0.887500,0.920894,0.889535,0.904943.
When forest size = 1, testCCR, Precision, Recall, F-score are:↙
0.660000,0.757576,0.653595,0.701754.
When forest size = 3, trainCCR, Precision, Recall, F-score are:↙
0.954000,0.961028,0.962625,0.961826.
When forest size = 3, testCCR, Precision, Recall, F-score are:↙
0.732000,0.768750,0.803922,0.785942.
When forest size = 5, trainCCR, Precision, Recall, F-score are:↙
0.969500,0.967294,0.982558,0.974866.
When forest size = 5, testCCR, Precision, Recall, F-score are:↙
0.746000,0.778816,0.816993,0.797448.
When forest size = 7, trainCCR, Precision, Recall, F-score are:↙
0.990500,0.986054,0.998339,0.992158.
When forest size = 7, testCCR, Precision, Recall, F-score are:↙
0.788000,0.801205,0.869281,0.833856.
When forest size = 9, trainCCR, Precision, Recall, F-score are:↙
0.993000,0.990924,0.997508,0.994205.
When forest size = 9, testCCR, Precision, Recall, F-score are:↙
0.790000,0.811146,0.856209,0.833068.
When forest size = 11, trainCCR, Precision, Recall, F-score are:↙
0.995500,0.994210,0.998339,0.996270.
When forest size = 11, testCCR, Precision, Recall, F-score are:↙
0.774000,0.789790,0.859477,0.823161.
When forest size = 13, trainCCR, Precision, Recall, F-score are:↙
0.997000,0.996683,0.998339,0.997510.
When forest size = 13, testCCR, Precision, Recall, F-score are:↙
0.800000,0.806548,0.885621,0.844237.
When forest size = 15, trainCCR, Precision, Recall, F-score are:↙
0.998500,0.998340,0.999169,0.998755.
When forest size = 15, testCCR, Precision, Recall, F-score are:↙
0.786000,0.795252,0.875817,0.833593.
When forest size = 17, trainCCR, Precision, Recall, F-score are:↙
0.999500,1.000000,0.999169,0.999585.
When forest size = 17, testCCR, Precision, Recall, F-score are:↙
0.786000,0.793510,0.879085,0.834109.
When forest size = 19, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 19, testCCR, Precision, Recall, F-score are:↙
0.794000,0.792507,0.898693,0.842266.
When forest size = 21, trainCCR, Precision, Recall, F-score are:↙
0.999000,0.998342,1.000000,0.999170.
When forest size = 21, testCCR, Precision, Recall, F-score are:↙
0.806000,0.796034,0.918301,0.852807.
When forest size = 23, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 23, testCCR, Precision, Recall, F-score are:↙
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0.798000,0.804154,0.885621,0.842924.
When forest size = 25, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 25, testCCR, Precision, Recall, F-score are:↙
0.806000,0.801153,0.908497,0.851455.
When forest size = 27, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 27, testCCR, Precision, Recall, F-score are:↙
0.814000,0.800000,0.928105,0.859304.
When forest size = 29, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 29, testCCR, Precision, Recall, F-score are:↙
0.786000,0.778711,0.908497,0.838612.
When forest size = 31, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 31, testCCR, Precision, Recall, F-score are:↙
0.800000,0.786111,0.924837,0.849850.
When forest size = 33, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 33, testCCR, Precision, Recall, F-score are:↙
0.798000,0.787115,0.918301,0.847662.
When forest size = 35, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 35, testCCR, Precision, Recall, F-score are:↙
0.812000,0.791209,0.941176,0.859701.
When forest size = 37, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 37, testCCR, Precision, Recall, F-score are:↙
0.806000,0.787879,0.934641,0.855007.
When forest size = 39, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 39, testCCR, Precision, Recall, F-score are:↙
0.818000,0.797784,0.941176,0.863568.
When forest size = 41, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 41, testCCR, Precision, Recall, F-score are:↙
0.820000,0.806818,0.928105,0.863222.
When forest size = 43, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 43, testCCR, Precision, Recall, F-score are:↙
0.814000,0.800000,0.928105,0.859304.
When forest size = 45, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 45, testCCR, Precision, Recall, F-score are:↙
0.820000,0.796703,0.947712,0.865672.
When forest size = 47, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 47, testCCR, Precision, Recall, F-score are:↙

0.812000,0.783422,0.957516,0.861765.
When forest size = 49, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 49, testCCR, Precision, Recall, F-score are:↙
0.808000,0.786885,0.941176,0.857143.
When forest size = 51, trainCCR, Precision, Recall, F-score are:↙
1.000000,1.000000,1.000000,1.000000.
When forest size = 51, testCCR, Precision, Recall, F-score are:↙
0.804000,0.782609,0.941176,0.854599.
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