

The best parameters are: {'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 636}

	Number	Parameters	Validation score	Train score
86		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 636}	0.882934	0.974017
91		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 641}	0.882934	0.974017
90		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 640}	0.882934	0.973986
89		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 639}	0.882934	0.973954
88		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 638}	0.882934	0.973986
87		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 637}	0.882934	0.974017
110		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 660}	0.882651	0.97408

	80		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 630}		0.882651		0.973954	
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	93		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 643}		0.882651		0.973891	
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	106		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 'sqrt', 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 656}		0.882651		0.973986	
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Process finished with exit code 0

The best parameters are: {'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 600}

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	Number		Parameters	
	Validation score		Train score	

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	60		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 600}		0.882367		0.973923	
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	63		{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 3, 'n_estimators': 600}		0.882367		0.973923	
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66	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 4, 'n_estimators': 600}	0.882367	0.973923
69	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 5, 'n_estimators': 600}	0.882367	0.973923
72	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 6, 'n_estimators': 600}	0.882367	0.973923
64	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 3, 'n_estimators': 650}	0.882085	0.973923
61	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 2, 'n_estimators': 650}	0.882085	0.973923
67	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 4, 'n_estimators': 650}	0.882085	0.973923
73	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 6, 'n_estimators': 650}	0.882085	0.973923
70	{'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 4, 'min_samples_leaf': 4, 'min_samples_split': 5, 'n_estimators': 650}	0.882085	0.973923

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|  Number | Parameters
| Validation score | Train score |
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|   55 | {'n_estimators': 667, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 77, 'criterion': 'gini', 'bootstrap': False} |      0.882085 |   0.974017 |

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|   64 | {'n_estimators': 2000, 'min_samples_split': 5, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 22, 'criterion': 'gini', 'bootstrap': False} |      0.880665 |   0.97408 |

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|   15 | {'n_estimators': 1111, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 66, 'criterion': 'gini', 'bootstrap': True} |      0.880663 |   0.947059 |

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|   96 | {'n_estimators': 445, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 55, 'criterion': 'gini', 'bootstrap': False} |      0.880383 |   0.97386 |

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|   52 | {'n_estimators': 445, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'log2',
'max_depth': 88, 'criterion': 'gini', 'bootstrap': False} |      0.880383 |   0.97386 |

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|   99 | {'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'log2',
'max_depth': 77, 'criterion': 'gini', 'bootstrap': False} |      0.880382 |   0.973986 |

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|   90 | {'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 44, 'criterion': 'gini', 'bootstrap': False} |      0.880382 |   0.973986 |

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|   80 | {'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'log2',
'max_depth': 55, 'criterion': 'gini', 'bootstrap': False} |      0.880382 |   0.973986 |

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82	{'n_estimators': 667, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'log2', 'max_depth': 11, 'criterion': 'gini', 'bootstrap': False}	0.880382	0.968538
33	{'n_estimators': 1555, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'log2', 'max_depth': 77, 'criterion': 'gini', 'bootstrap': True}	0.880097	0.946996
71	{'n_estimators': 1555, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'log2', 'max_depth': 11, 'criterion': 'entropy', 'bootstrap': False}	0.880097	0.947342
28	{'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 55, 'criterion': 'entropy', 'bootstrap': False}	0.879817	0.99326
11	{'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 77, 'criterion': 'entropy', 'bootstrap': False}	0.879817	0.99326
98	{'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': 'sqrt', 'max_depth': 55, 'criterion': 'gini', 'bootstrap': False}	0.879813	0.969073
75	{'n_estimators': 667, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': None, 'criterion': 'gini', 'bootstrap': True}	0.879533	0.985418
23	{'n_estimators': 889, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': 44, 'criterion': 'gini', 'bootstrap': True}	0.879532	0.985355
63	{'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': 'sqrt', 'max_depth': 88, 'criterion': 'entropy', 'bootstrap': True}	0.879531	0.946964

| 44 | {'n_estimators': 1777, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': 'log2', 'max_depth': 55, 'criterion': 'gini', 'bootstrap': True} | 0.879531 | 0.943405 |

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| 42 | {'n_estimators': 889, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': 'log2', 'max_depth': 44, 'criterion': 'gini', 'bootstrap': False} | 0.879529 | 0.969041 |

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| 13 | {'n_estimators': 223, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': 55, 'criterion': 'entropy', 'bootstrap': False} | 0.879529 | 0.997449 |

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| 38 | {'n_estimators': 889, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': 110, 'criterion': 'gini', 'bootstrap': True} | 0.87925 | 0.977828 |

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| 53 | {'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 33, 'criterion': 'entropy', 'bootstrap': False} | 0.879249 | 0.993197 |

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| 60 | {'n_estimators': 223, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 22, 'criterion': 'gini', 'bootstrap': False} | 0.879248 | 0.988662 |

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| 29 | {'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 88, 'criterion': 'gini', 'bootstrap': False} | 0.879248 | 0.989198 |

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| 94 | {'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': 55, 'criterion': 'gini', 'bootstrap': False} | 0.879247 | 0.997197 |

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| 69 | {'n_estimators': 1333, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'log2', 'max_depth': 66, 'criterion': 'gini', 'bootstrap': False} | 0.879246 | 0.997071 |

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| 72 | {'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 55, 'criterion': 'gini', 'bootstrap': True} | 0.879245 | 0.957168 |

67	{'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 22, 'criterion': 'gini', 'bootstrap': True}	0.879245	0.957168
85	{'n_estimators': 1555, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 33, 'criterion': 'entropy', 'bootstrap': True}	0.879244	0.959593
39	{'n_estimators': 1111, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': None, 'criterion': 'gini', 'bootstrap': True}	0.878967	0.977923
12	{'n_estimators': 667, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 66, 'criterion': 'entropy', 'bootstrap': False}	0.878966	0.993292
62	{'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': None, 'criterion': 'entropy', 'bootstrap': True}	0.878964	0.964065
45	{'n_estimators': 889, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': 66, 'criterion': 'entropy', 'bootstrap': False}	0.878964	0.984631
4	{'n_estimators': 889, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': 'sqrt', 'max_depth': 88, 'criterion': 'entropy', 'bootstrap': False}	0.878963	0.973828
50	{'n_estimators': 667, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 77, 'criterion': 'entropy', 'bootstrap': True}	0.87896	0.954617
46	{'n_estimators': 1333, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': 11, 'criterion': 'entropy', 'bootstrap': True}	0.87868	0.944508

| 36 | {'n_estimators': 1777, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'sqrt',
'max_depth': 11, 'criterion': 'entropy', 'bootstrap': False} | 0.87868 | 0.969325 |

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| 26 | {'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'log2',
'max_depth': 99, 'criterion': 'entropy', 'bootstrap': False} | 0.87868 | 0.977891 |

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| 95 | {'n_estimators': 2000, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': None,
'max_depth': None, 'criterion': 'entropy', 'bootstrap': True} | 0.878677 | 0.986489 |

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| 68 | {'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features':
'sqrt', 'max_depth': 99, 'criterion': 'entropy', 'bootstrap': False} | 0.878398 | 0.984568 |

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| 27 | {'n_estimators': 1333, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None,
'max_depth': None, 'criterion': 'entropy', 'bootstrap': True} | 0.878396 | 0.99874 |

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| 34 | {'n_estimators': 1555, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': 'sqrt',
'max_depth': 110, 'criterion': 'gini', 'bootstrap': True} | 0.878394 | 0.973325 |

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| 10 | {'n_estimators': 1777, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features':
'log2', 'max_depth': 88, 'criterion': 'entropy', 'bootstrap': True} | 0.878115 | 0.946901 |

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| 9 | {'n_estimators': 1333, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'log2',
'max_depth': 44, 'criterion': 'entropy', 'bootstrap': True} | 0.878114 | 0.989072 |

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| 89 | {'n_estimators': 667, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': 'sqrt',
'max_depth': None, 'criterion': 'entropy', 'bootstrap': False} | 0.878114 | 0.984725 |

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| 17 | {'n_estimators': 667, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': 'sqrt',
'max_depth': 33, 'criterion': 'entropy', 'bootstrap': False} | 0.878114 | 0.984725 |

20	{'n_estimators': 223, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 77, 'criterion': 'entropy', 'bootstrap': True}	0.878113	0.99874
97	{'n_estimators': 667, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': 11, 'criterion': 'gini', 'bootstrap': False}	0.878111	0.957137
24	{'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 44, 'criterion': 'entropy', 'bootstrap': True}	0.878106	0.964191
30	{'n_estimators': 889, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': 110, 'criterion': 'gini', 'bootstrap': False}	0.877832	0.99874
41	{'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 77, 'criterion': 'gini', 'bootstrap': True}	0.87783	0.99874
61	{'n_estimators': 1111, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': None, 'criterion': 'gini', 'bootstrap': False}	0.87783	0.998362
31	{'n_estimators': 1777, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'log2', 'max_depth': 99, 'criterion': 'gini', 'bootstrap': True}	0.877548	0.978206
21	{'n_estimators': 223, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 66, 'criterion': 'entropy', 'bootstrap': True}	0.877548	0.993701
7	{'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': None, 'criterion': 'entropy', 'bootstrap': True}	0.877547	0.957483

| 32 | {'n_estimators': 2000, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'sqrt',
'max_depth': 55, 'criterion': 'gini', 'bootstrap': False} | 0.877547 | 0.998425 |

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| 92 | {'n_estimators': 1555, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'sqrt',
'max_depth': None, 'criterion': 'gini', 'bootstrap': False} | 0.877547 | 0.998425 |

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| 40 | {'n_estimators': 1777, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 55, 'criterion': 'entropy', 'bootstrap': True} | 0.877547 | 0.950523 |

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| 6 | {'n_estimators': 889, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 99, 'criterion': 'entropy', 'bootstrap': True} | 0.877264 | 0.950617 |

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| 16 | {'n_estimators': 2000, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': None,
'max_depth': 22, 'criterion': 'gini', 'bootstrap': True} | 0.877262 | 0.978112 |

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| 8 | {'n_estimators': 1333, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': None,
'max_depth': 11, 'criterion': 'gini', 'bootstrap': True} | 0.876975 | 0.969797 |

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| 78 | {'n_estimators': 1111, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'sqrt',
'max_depth': 44, 'criterion': 'entropy', 'bootstrap': False} | 0.876697 | 0.99874 |

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| 73 | {'n_estimators': 667, 'min_samples_split': 5, 'min_samples_leaf': 4, 'max_features': 'log2',
'max_depth': 22, 'criterion': 'entropy', 'bootstrap': True} | 0.876696 | 0.95068 |

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| 79 | {'n_estimators': 667, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt',
'max_depth': 22, 'criterion': 'entropy', 'bootstrap': True} | 0.876696 | 0.95068 |

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| 83 | {'n_estimators': 1111, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'sqrt',
'max_depth': 99, 'criterion': 'entropy', 'bootstrap': True} | 0.876696 | 0.99874 |

93	{'n_estimators': 1333, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 33, 'criterion': 'gini', 'bootstrap': True}	0.876692	0.964664
76	{'n_estimators': 223, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 33, 'criterion': 'gini', 'bootstrap': True}	0.876692	0.982584
3	{'n_estimators': 223, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': 'sqrt', 'max_depth': 77, 'criterion': 'entropy', 'bootstrap': True}	0.876127	0.950586
51	{'n_estimators': 1555, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': 33, 'criterion': 'entropy', 'bootstrap': False}	0.875847	0.99874
77	{'n_estimators': 667, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': 77, 'criterion': 'entropy', 'bootstrap': False}	0.875563	0.997512
19	{'n_estimators': 667, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 99, 'criterion': 'gini', 'bootstrap': True}	0.875279	0.99874
87	{'n_estimators': 1111, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 33, 'criterion': 'gini', 'bootstrap': True}	0.875276	0.99874
43	{'n_estimators': 1555, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 44, 'criterion': 'gini', 'bootstrap': True}	0.874708	0.99874
70	{'n_estimators': 445, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': None, 'criterion': 'gini', 'bootstrap': True}	0.873573	0.99874

| 59 | {'n_estimators': 445, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 99, 'criterion': 'gini', 'bootstrap': True} | 0.873573 | 0.99874 |

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| 54 | {'n_estimators': 667, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 11, 'criterion': 'entropy', 'bootstrap': False} | 0.846083 | 0.926713 |

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| 56 | {'n_estimators': 667, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 11, 'criterion': 'entropy', 'bootstrap': False} | 0.844102 | 0.929957 |

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| 81 | {'n_estimators': 445, 'min_samples_split': 2, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': None, 'criterion': 'gini', 'bootstrap': False} | 0.84296 | 0.94435 |

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| 35 | {'n_estimators': 1555, 'min_samples_split': 5, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 99, 'criterion': 'gini', 'bootstrap': False} | 0.84296 | 0.944444 |

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| 74 | {'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 33, 'criterion': 'gini', 'bootstrap': False} | 0.842676 | 0.939185 |

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| 0 | {'n_estimators': 1, 'min_samples_split': 5, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 22, 'criterion': 'gini', 'bootstrap': False} | 0.842396 | 0.939594 |

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| 86 | {'n_estimators': 667, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 11, 'criterion': 'entropy', 'bootstrap': False} | 0.841829 | 0.951279 |

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| 18 | {'n_estimators': 2000, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 11, 'criterion': 'gini', 'bootstrap': False} | 0.841259 | 0.948224 |

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| 65 | {'n_estimators': 1, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': None, 'criterion': 'gini', 'bootstrap': False} | 0.835307 | 0.964065 |

58	{'n_estimators': 667, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 33, 'criterion': 'gini', 'bootstrap': False}	0.834459	0.972568
14	{'n_estimators': 445, 'min_samples_split': 5, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 66, 'criterion': 'gini', 'bootstrap': False}	0.834175	0.9726
57	{'n_estimators': 1333, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 44, 'criterion': 'entropy', 'bootstrap': False}	0.833898	0.986583
5	{'n_estimators': 889, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 55, 'criterion': 'entropy', 'bootstrap': False}	0.833331	0.986457
66	{'n_estimators': 1777, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': None, 'max_depth': 33, 'criterion': 'entropy', 'bootstrap': False}	0.83333	0.986583
91	{'n_estimators': 1, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'log2', 'max_depth': 88, 'criterion': 'entropy', 'bootstrap': False}	0.831912	0.942838
88	{'n_estimators': 889, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 66, 'criterion': 'entropy', 'bootstrap': False}	0.831062	0.987119
48	{'n_estimators': 1777, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': None, 'max_depth': 88, 'criterion': 'gini', 'bootstrap': False}	0.830205	0.981828
2	{'n_estimators': 1, 'min_samples_split': 10, 'min_samples_leaf': 4, 'max_features': None, 'max_depth': 77, 'criterion': 'entropy', 'bootstrap': True}	0.826253	0.897612

| 49 | {'n_estimators': 1, 'min_samples_split': 5, 'min_samples_leaf': 1, 'max_features': 'sqrt',
'max_depth': 55, 'criterion': 'entropy', 'bootstrap': False} | 0.824538 | 0.969293 |

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| 47 | {'n_estimators': 1, 'min_samples_split': 10, 'min_samples_leaf': 1, 'max_features': 'log2',
'max_depth': 22, 'criterion': 'entropy', 'bootstrap': True} | 0.822843 | 0.895723 |

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| 22 | {'n_estimators': 1, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': None,
'max_depth': None, 'criterion': 'entropy', 'bootstrap': True} | 0.822281 | 0.919249 |

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| 1 | {'n_estimators': 1, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features': 'sqrt',
'max_depth': 33, 'criterion': 'gini', 'bootstrap': True} | 0.821427 | 0.885739 |

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| 25 | {'n_estimators': 1111, 'min_samples_split': 10, 'min_samples_leaf': 2, 'max_features':
'log2', 'max_depth': 1, 'criterion': 'entropy', 'bootstrap': True} | 0.814053 | 0.814405 |

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| 37 | {'n_estimators': 2000, 'min_samples_split': 2, 'min_samples_leaf': 1, 'max_features': None,
'max_depth': 1, 'criterion': 'gini', 'bootstrap': True} | 0.808957 | 0.808957 |

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| 84 | {'n_estimators': 223, 'min_samples_split': 5, 'min_samples_leaf': 4, 'max_features': 'log2',
'max_depth': 1, 'criterion': 'gini', 'bootstrap': True} | 0.789963 | 0.790029 |

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