```
digraph Tree {
node [shape=box, style="filled", color="black"] ;
0 [label="X[1] <= 1.822\ngini = 0.75\nsamples = 1824\nvalue = [456, 456,
456, 456]", fillcolor="#ffffff"] ;
1 [label="X[0] <= -2.01\ngini = 0.75\nsamples = 1747\nvalue = [434, 438,
447, 428]", fillcolor="#fefeff"] ;
0 -> 1 [labeldistance=2.5, labelangle=45, headlabel="True"] ;
2 [label="X[1] <= -1.085\ngini = 0.664\nsamples = 17\nvalue = [8, 2, 2,
5]", fillcolor="#f8e0ce"] ;
1 -> 2 ;
3 [label="gini = 0.0\nsamples = 8\nvalue = [8, 0, 0, 0]",
fillcolor="#e58139"] ;
2 -> 3 ;
4 [label="X[1] <= 0.055\ngini = 0.593\nsamples = 9\nvalue = [0, 2, 2,
5]", fillcolor="#eeaaf4"] ;
2 -> 4 ;
5 [label="gini = 0.0\nsamples = 5\nvalue = [0, 0, 0, 5]",
fillcolor="#d739e5"] ;
4 -> 5 ;
6 [label="X[1] <= 0.876\ngini = 0.5\nsamples = 4\nvalue = [0, 2, 2, 0]",
fillcolor="#ffffff"] ;
4 -> 6 ;
7 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
6 -> 7 ;
8 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
6 -> 8 ;
9 [label="X[0] <= -1.888\ngini = 0.75\nsamples = 1730\nvalue = [426, 436,
445, 423]", fillcolor="#fefeff"] ;
1 -> 9 ;
10 [label="X[1] <= 0.871\ngini = 0.695\nsamples = 42\nvalue = [4, 13, 17,
8]", fillcolor="#e4f1fb"] ;
9 -> 10 ;
11 [label="X[1] <= -0.005\ngini = 0.561\nsamples = 29\nvalue = [4, 0, 17,
8]", fillcolor="#aad5f4"] ;
10 -> 11 ;
12 [label="X[1] <= -0.959\ngini = 0.444\nsamples = 12\nvalue = [4, 0, 0,
8]", fillcolor="#eb9cf2"] ;
11 -> 12 ;
13 [label="gini = 0.0\nsamples = 4\nvalue = [4, 0, 0, 0]",
fillcolor="#e58139"] ;
12 -> 13 ;
14 [label="gini = 0.0\nsamples = 8\nvalue = [0, 0, 0, 8]",
fillcolor="#d739e5"] ;
12 -> 14 ;
15 [label="gini = 0.0\nsamples = 17\nvalue = [0, 0, 17, 0]",
fillcolor="#399de5"] ;
11 -> 15 ;
16 [label="gini = 0.0\nsamples = 13\nvalue = [0, 13, 0, 0]",
fillcolor="#47e539"] ;
10 -> 16 ;
17 [label="X[0] <= -1.428\ngini = 0.75\nsamples = 1688\nvalue = [422,
423, 428, 415]", fillcolor="#feffff"] ;
9 -> 17 ;
18 [label="X[1] <= -1.006\ngini = 0.742\nsamples = 206\nvalue = [60, 43,
42, 61]", fillcolor="#fffeff"] ;
17 -> 18 ;
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19 [label="X[1] <= -1.116\ngini = 0.033\nsamples = 59\nvalue = [58, 0, 0,
1]", fillcolor="#e5833c"] ;
18 -> 19 ;
20 [label="gini = 0.0\nsamples = 53\nvalue = [53, 0, 0, 0]",
fillcolor="#e58139"] ;
19 -> 20 ;
21 [label="X[1] <= -1.099\ngini = 0.278\nsamples = 6\nvalue = [5, 0, 0,
1]", fillcolor="#ea9a61"] ;
19 -> 21 ;
22 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
21 -> 22 ;
23 [label="gini = 0.0\nsamples = 5\nvalue = [5, 0, 0, 0]",
fillcolor="#e58139"] ;
21 -> 23 ;
24 [label="X[1] <= 0.073\ngini = 0.666\nsamples = 147\nvalue = [2, 43,
42, 60]", fillcolor="#f8dffb"] ;
18 -> 24 ;
25 [label="X[1] <= -0.138\ngini = 0.169\nsamples = 66\nvalue = [2, 0, 4,
60]", fillcolor="#db4ce8"] ;
24 -> 25 ;
26 [label="X[1] <= -0.956\ngini = 0.071\nsamples = 54\nvalue = [2, 0, 0,
52]", fillcolor="#d941e6"] ;
25 -> 26 ;
27 [label="X[1] <= -0.963\ngini = 0.444\nsamples = 6\nvalue = [2, 0, 0,
4]", fillcolor="#eb9cf2"] ;
26 -> 27 ;
28 [label="X[1] <= -0.988\ngini = 0.32\nsamples = 5\nvalue = [1, 0, 0,
4]", fillcolor="#e16aec"] ;
27 -> 28 ;
29 [label="X[0] <= -1.603\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
28 -> 29 ;
30 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
29 -> 30 ;
31 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
29 -> 31 ;
32 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 0, 3]",
fillcolor="#d739e5"] ;
28 -> 32 ;
33 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
27 -> 33 ;
34 [label="gini = 0.0\nsamples = 48\nvalue = [0, 0, 0, 48]",
fillcolor="#d739e5"] ;
26 -> 34 ;
35 [label="X[1] <= -0.129\ngini = 0.444\nsamples = 12\nvalue = [0, 0, 4,
8]", fillcolor="#eb9cf2"] ;
25 -> 35 ;
36 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
35 -> 36 ;
37 [label="X[1] <= -0.041\ngini = 0.397\nsamples = 11\nvalue = [0, 0, 3,
8]", fillcolor="#e683ef"] ;
35 -> 37 ;
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38 [label="gini = 0.0\nsamples = 4\nvalue = [0, 0, 0, 4]",
fillcolor="#d739e5"] ;
37 -> 38 ;
39 [label="X[1] <= 0.015\ngini = 0.49\nsamples = 7\nvalue = [0, 0, 3,
4]", fillcolor="#f5cef8"] ;
37 -> 39 ;
40 [label="X[0] <= -1.857\ngini = 0.48\nsamples = 5\nvalue = [0, 0, 3,
2]", fillcolor="#bddef6"] ;
39 -> 40 ;
41 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
40 -> 41 ;
42 [label="X[0] <= -1.673\ngini = 0.375\nsamples = 4\nvalue = [0, 0, 3,
1]", fillcolor="#7bbeee"] ;
40 -> 42 ;
43 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
42 -> 43 ;
44 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
42 -> 44 ;
45 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
39 -> 45 ;
46 [label="X[1] <= 1.04\ngini = 0.498\nsamples = 81\nvalue = [0, 43, 38,
0]", fillcolor="#eafce8"] ;
24 -> 46 ;
47 [label="gini = 0.0\nsamples = 38\nvalue = [0, 0, 38, 0]",
fillcolor="#399de5"] ;
46 -> 47 ;
48 [label="gini = 0.0\nsamples = 43\nvalue = [0, 43, 0, 0]",
fillcolor="#47e539"] ;
46 -> 48 ;
49 [label="X[1] <= -0.909\ngini = 0.75\nsamples = 1482\nvalue = [362,
380, 386, 354]", fillcolor="#fefeff"] ;
17 -> 49 ;
50 [label="X[0] <= -0.007\ngini = 0.727\nsamples = 415\nvalue = [49, 126,
121, 119]", fillcolor="#fcfffc"] ;
49 -> 50 ;
51 [label="X[0] <= -1.057\ngini = 0.481\nsamples = 172\nvalue = [48, 114,
2, 8]", fillcolor="#9df196"] ;
50 -> 51 ;
52 [label="X[1] <= -1.193\ngini = 0.31\nsamples = 43\nvalue = [35, 1, 0,
7]", fillcolor="#eb9d65"] ;
51 -> 52 ;
53 [label="gini = 0.0\nsamples = 30\nvalue = [30, 0, 0, 0]",
fillcolor="#e58139"] ;
52 -> 53 ;
54 [label="X[1] <= -1.033\ngini = 0.556\nsamples = 13\nvalue = [5, 1, 0,
7]", fillcolor="#f5cef8"] ;
52 -> 54 ;
55 [label="X[0] <= -1.27\ngini = 0.594\nsamples = 8\nvalue = [4, 1, 0,
3]", fillcolor="#fae6d7"] ;
54 -> 55 ;
56 [label="gini = 0.0\nsamples = 3\nvalue = [3, 0, 0, 0]",
fillcolor="#e58139"] ;
55 -> 56 ;
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57 [label="X[0] <= -1.077\ngini = 0.56\nsamples = 5\nvalue = [1, 1, 0, 3]", fillcolor="#eb9cf2"] ;
55 -> 57 ;
58 [label="X[1] <= -1.074\ngini = 0.375\nsamples = 4\nvalue = [0, 1, 0, 3]", fillcolor="#e47bee"] ;
57 -> 58 ;
59 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 0, 3]", fillcolor="#d739e5"] ;
58 -> 59 ;
60 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]", fillcolor="#47e539"] ;
58 -> 60 ;
61 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
57 -> 61 ;
62 [label="X[1] <= -0.946\ngini = 0.32\nsamples = 5\nvalue = [1, 0, 0, 4]", fillcolor="#e16aec"] ;
54 -> 62 ;
63 [label="gini = 0.0\nsamples = 4\nvalue = [0, 0, 0, 4]", fillcolor="#d739e5"] ;
62 -> 63 ;
64 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
62 -> 64 ;
65 [label="X[1] <= -1.178\ngini = 0.222\nsamples = 129\nvalue = [13, 113, 2, 1]", fillcolor="#60e954"] ;
51 -> 65 ;
66 [label="X[0] <= -0.031\ngini = 0.115\nsamples = 99\nvalue = [4, 93, 2, 0]", fillcolor="#53e746"] ;
65 -> 66 ;
67 [label="X[0] <= -1.001\ngini = 0.098\nsamples = 98\nvalue = [4, 93, 1, 0]", fillcolor="#51e644"] ;
66 -> 67 ;
68 [label="X[0] <= -1.005\ngini = 0.469\nsamples = 8\nvalue = [3, 5, 0, 0]", fillcolor="#b5f5b0"] ;
67 -> 68 ;
69 [label="X[0] <= -1.013\ngini = 0.408\nsamples = 7\nvalue = [2, 5, 0, 0]", fillcolor="#91ef88"] ;
68 -> 69 ;
70 [label="X[0] <= -1.018\ngini = 0.48\nsamples = 5\nvalue = [2, 3, 0, 0]", fillcolor="#c2f6bd"] ;
69 -> 70 ;
71 [label="X[1] <= -1.792\ngini = 0.375\nsamples = 4\nvalue = [1, 3, 0, 0]", fillcolor="#84ee7b"] ;
70 -> 71 ;
72 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]", fillcolor="#47e539"] ;
71 -> 72 ;
73 [label="X[1] <= -1.42\ngini = 0.5\nsamples = 2\nvalue = [1, 1, 0, 0]", fillcolor="#ffffff"] ;
71 -> 73 ;
74 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
73 -> 74 ;
75 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]", fillcolor="#47e539"] ;
73 -> 75 ;

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76 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
70 -> 76 ;
77 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
69 -> 77 ;
78 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
68 -> 78 ;
79 [label="X[0] <= -0.113\ngini = 0.044\nsamples = 90\nvalue = [1, 88, 1,
0]", fillcolor="#4be63d"] ;
67 -> 79 ;
80 [label="X[0] <= -0.884\ngini = 0.024\nsamples = 84\nvalue = [1, 83, 0,
0]", fillcolor="#49e53b"] ;
79 -> 80 ;
81 [label="X[0] <= -0.888\ngini = 0.198\nsamples = 9\nvalue = [1, 8, 0,
0]", fillcolor="#5ee852"] ;
80 -> 81 ;
82 [label="gini = 0.0\nsamples = 8\nvalue = [0, 8, 0, 0]",
fillcolor="#47e539"] ;
81 -> 82 ;
83 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
81 -> 83 ;
84 [label="gini = 0.0\nsamples = 75\nvalue = [0, 75, 0, 0]",
fillcolor="#47e539"] ;
80 -> 84 ;
85 [label="X[0] <= -0.106\ngini = 0.278\nsamples = 6\nvalue = [0, 5, 1,
0]", fillcolor="#6cea61"] ;
79 -> 85 ;
86 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
85 -> 86 ;
87 [label="gini = 0.0\nsamples = 5\nvalue = [0, 5, 0, 0]",
fillcolor="#47e539"] ;
85 -> 87 ;
88 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
66 -> 88 ;
89 [label="X[0] <= -0.175\ngini = 0.464\nsamples = 30\nvalue = [9, 20, 0,
1]", fillcolor="#9ff197"] ;
65 -> 89 ;
90 [label="X[1] <= -0.962\ngini = 0.526\nsamples = 23\nvalue = [9, 13, 0,
1]", fillcolor="#caf8c6"] ;
89 -> 90 ;
91 [label="X[1] <= -0.993\ngini = 0.495\nsamples = 20\nvalue = [9, 11, 0,
0]", fillcolor="#defadb"] ;
90 -> 91 ;
92 [label="X[1] <= -1.174\ngini = 0.475\nsamples = 18\nvalue = [7, 11, 0,
0]", fillcolor="#bcf6b7"] ;
91 -> 92 ;
93 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
92 -> 93 ;
94 [label="X[0] <= -0.193\ngini = 0.457\nsamples = 17\nvalue = [6, 11, 0,
0]", fillcolor="#abf3a5"] ;
92 -> 94 ;
```

95 [label="X[0] <= -0.454\ngini = 0.43\nsamples = 16\nvalue = [5, 11, 0, 0]", fillcolor="#9bf193"] ;
94 -> 95 ;
96 [label="X[0] <= -1.021\ngini = 0.486\nsamples = 12\nvalue = [5, 7, 0, 0]", fillcolor="#caf8c6"] ;
95 -> 96 ;
97 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]", fillcolor="#47e539"] ;
96 -> 97 ;
98 [label="gini = 0.5\nsamples = 10\nvalue = [5, 5, 0, 0]", fillcolor="#ffffff"] ;
96 -> 98 ;
99 [label="gini = 0.0\nsamples = 4\nvalue = [0, 4, 0, 0]", fillcolor="#47e539"] ;
95 -> 99 ;
100 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
94 -> 100 ;
101 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]", fillcolor="#e58139"] ;
91 -> 101 ;
102 [label="X[0] <= -0.815\ngini = 0.444\nsamples = 3\nvalue = [0, 2, 0, 1]", fillcolor="#a3f29c"] ;
90 -> 102 ;
103 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]", fillcolor="#d739e5"] ;
102 -> 103 ;
104 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]", fillcolor="#47e539"] ;
102 -> 104 ;
105 [label="gini = 0.0\nsamples = 7\nvalue = [0, 7, 0, 0]", fillcolor="#47e539"] ;
89 -> 105 ;
106 [label="X[0] <= 0.983\ngini = 0.549\nsamples = 243\nvalue = [1, 12, 119, 111]", fillcolor="#f3f9fd"] ;
50 -> 106 ;
107 [label="X[1] <= -1.08\ngini = 0.247\nsamples = 123\nvalue = [1, 12, 106, 4]", fillcolor="#57ace9"] ;
106 -> 107 ;
108 [label="X[0] <= 0.844\ngini = 0.145\nsamples = 104\nvalue = [0, 4, 96, 4]", fillcolor="#49a5e7"] ;
107 -> 108 ;
109 [label="X[1] <= -2.053\ngini = 0.084\nsamples = 91\nvalue = [0, 4, 87, 0]", fillcolor="#42a2e6"] ;
108 -> 109 ;
110 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]", fillcolor="#47e539"] ;
109 -> 110 ;
111 [label="X[1] <= -1.151\ngini = 0.064\nsamples = 90\nvalue = [0, 3, 87, 0]", fillcolor="#40a0e6"] ;
109 -> 111 ;
112 [label="X[0] <= 0.051\ngini = 0.024\nsamples = 83\nvalue = [0, 1, 82, 0]", fillcolor="#3b9ee5"] ;
111 -> 112 ;
113 [label="X[0] <= 0.047\ngini = 0.278\nsamples = 6\nvalue = [0, 1, 5, 0]", fillcolor="#61b1ea"] ;
112 -> 113 ;

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114 [label="gini = 0.0\nsamples = 5\nvalue = [0, 0, 5, 0]",
fillcolor="#399de5"] ;
113 -> 114 ;
115 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
113 -> 115 ;
116 [label="gini = 0.0\nsamples = 77\nvalue = [0, 0, 77, 0]",
fillcolor="#399de5"] ;
112 -> 116 ;
117 [label="X[1] <= -1.145\ngini = 0.408\nsamples = 7\nvalue = [0, 2, 5,
0]", fillcolor="#88c4ef"] ;
111 -> 117 ;
118 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
117 -> 118 ;
119 [label="X[0] <= 0.357\ngini = 0.278\nsamples = 6\nvalue = [0, 1, 5,
0]", fillcolor="#61b1ea"] ;
117 -> 119 ;
120 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
119 -> 120 ;
121 [label="X[0] <= 0.438\ngini = 0.444\nsamples = 3\nvalue = [0, 1, 2,
0]", fillcolor="#9ccef2"] ;
119 -> 121 ;
122 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
121 -> 122 ;
123 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
121 -> 123 ;
124 [label="X[1] <= -1.275\ngini = 0.426\nsamples = 13\nvalue = [0, 0, 9,
4]", fillcolor="#91c9f1"] ;
108 -> 124 ;
125 [label="X[1] <= -1.691\ngini = 0.5\nsamples = 8\nvalue = [0, 0, 4,
4]", fillcolor="#ffffff"] ;
124 -> 125 ;
126 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
125 -> 126 ;
127 [label="X[1] <= -1.529\ngini = 0.444\nsamples = 6\nvalue = [0, 0, 2,
4]", fillcolor="#eb9cf2"] ;
125 -> 127 ;
128 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 0, 3]",
fillcolor="#d739e5"] ;
127 -> 128 ;
129 [label="X[1] <= -1.325\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 2,
1]", fillcolor="#9ccef2"] ;
127 -> 129 ;
130 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
129 -> 130 ;
131 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
129 -> 131 ;
132 [label="gini = 0.0\nsamples = 5\nvalue = [0, 0, 5, 0]",
fillcolor="#399de5"] ;
124 -> 132 ;
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133 [label="X[0] <= 0.09\ngini = 0.543\nsamples = 19\nvalue = [1, 8, 10,
0]", fillcolor="#dbedfa"] ;
107 -> 133 ;
134 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
133 -> 134 ;
135 [label="X[0] <= 0.882\ngini = 0.494\nsamples = 18\nvalue = [0, 8, 10,
0]", fillcolor="#d7ebfa"] ;
133 -> 135 ;
136 [label="X[1] <= -0.958\ngini = 0.5\nsamples = 16\nvalue = [0, 8, 8,
0]", fillcolor="#ffffff"] ;
135 -> 136 ;
137 [label="X[0] <= 0.37\ngini = 0.463\nsamples = 11\nvalue = [0, 4, 7,
0]", fillcolor="#aad5f4"] ;
136 -> 137 ;
138 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
137 -> 138 ;
139 [label="X[0] <= 0.533\ngini = 0.5\nsamples = 8\nvalue = [0, 4, 4,
0]", fillcolor="#ffffff"] ;
137 -> 139 ;
140 [label="X[1] <= -1.014\ngini = 0.375\nsamples = 4\nvalue = [0, 3, 1,
0]", fillcolor="#84ee7b"] ;
139 -> 140 ;
141 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
140 -> 141 ;
142 [label="X[0] <= 0.421\ngini = 0.5\nsamples = 2\nvalue = [0, 1, 1,
0]", fillcolor="#ffffff"] ;
140 -> 142 ;
143 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
142 -> 143 ;
144 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
142 -> 144 ;
145 [label="X[1] <= -1.072\ngini = 0.375\nsamples = 4\nvalue = [0, 1, 3,
0]", fillcolor="#7bbeee"] ;
139 -> 145 ;
146 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
145 -> 146 ;
147 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
145 -> 147 ;
148 [label="X[1] <= -0.928\ngini = 0.32\nsamples = 5\nvalue = [0, 4, 1,
0]", fillcolor="#75ec6a"] ;
136 -> 148 ;
149 [label="gini = 0.0\nsamples = 4\nvalue = [0, 4, 0, 0]",
fillcolor="#47e539"] ;
148 -> 149 ;
150 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
148 -> 150 ;
151 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
135 -> 151 ;
```

152 [label="X[1] <= -1.005\ngini = 0.193\nsamples = 120\nvalue = [0, 0, 13, 107]", fillcolor="#dc51e8"] ;
106 -> 152 ;
153 [label="X[0] <= 1.114\ngini = 0.129\nsamples = 115\nvalue = [0, 0, 8, 107]", fillcolor="#da48e7"] ;
152 -> 153 ;
154 [label="X[1] <= -1.654\ngini = 0.484\nsamples = 17\nvalue = [0, 0, 7, 10]", fillcolor="#f3c4f7"] ;
153 -> 154 ;
155 [label="gini = 0.0\nsamples = 6\nvalue = [0, 0, 0, 6]", fillcolor="#d739e5"] ;
154 -> 155 ;
156 [label="X[0] <= 1.002\ngini = 0.463\nsamples = 11\nvalue = [0, 0, 7, 4]", fillcolor="#aad5f4"] ;
154 -> 156 ;
157 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]", fillcolor="#d739e5"] ;
156 -> 157 ;
158 [label="X[0] <= 1.054\ngini = 0.42\nsamples = 10\nvalue = [0, 0, 7, 3]", fillcolor="#8ec7f0"] ;
156 -> 158 ;
159 [label="gini = 0.0\nsamples = 4\nvalue = [0, 0, 4, 0]", fillcolor="#399de5"] ;
158 -> 159 ;
160 [label="X[1] <= -1.53\ngini = 0.5\nsamples = 6\nvalue = [0, 0, 3, 3]", fillcolor="#ffffff"] ;
158 -> 160 ;
161 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
160 -> 161 ;
162 [label="X[0] <= 1.101\ngini = 0.48\nsamples = 5\nvalue = [0, 0, 2, 3]", fillcolor="#f2bdf6"] ;
160 -> 162 ;
163 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]", fillcolor="#d739e5"] ;
162 -> 163 ;
164 [label="X[1] <= -1.357\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 2, 1]", fillcolor="#9ccef2"] ;
162 -> 164 ;
165 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
164 -> 165 ;
166 [label="gini = 0.5\nsamples = 2\nvalue = [0, 0, 1, 1]", fillcolor="#ffffff"] ;
164 -> 166 ;
167 [label="X[1] <= -1.167\ngini = 0.02\nsamples = 98\nvalue = [0, 0, 1, 97]", fillcolor="#d73be5"] ;
153 -> 167 ;
168 [label="gini = 0.0\nsamples = 84\nvalue = [0, 0, 0, 84]", fillcolor="#d739e5"] ;
167 -> 168 ;
169 [label="X[1] <= -1.162\ngini = 0.133\nsamples = 14\nvalue = [0, 0, 1, 13]", fillcolor="#da48e7"] ;
167 -> 169 ;
170 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
169 -> 170 ;

171 [label="gini = 0.0\nsamples = 13\nvalue = [0, 0, 0, 13]",
fillcolor="#d739e5"] ;
169 -> 171 ;
172 [label="gini = 0.0\nsamples = 5\nvalue = [0, 0, 5, 0]",
fillcolor="#399de5"] ;
152 -> 172 ;
173 [label="X[0] <= -0.091\ngini = 0.747\nsamples = 1067\nvalue = [313,
254, 265, 235]", fillcolor="#fdf7f3"] ;
49 -> 173 ;
174 [label="X[1] <= -0.013\ngini = 0.704\nsamples = 416\nvalue = [87, 39,
154, 136]", fillcolor="#f2f9fd"] ;
173 -> 174 ;
175 [label="X[0] <= -1.021\ngini = 0.449\nsamples = 123\nvalue = [83, 1,
1, 38]", fillcolor="#f1bc96"] ;
174 -> 175 ;
176 [label="X[1] <= -0.896\ngini = 0.123\nsamples = 31\nvalue = [1, 0, 1,
29]", fillcolor="#da46e7"] ;
175 -> 176 ;
177 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
176 -> 177 ;
178 [label="X[1] <= -0.089\ngini = 0.064\nsamples = 30\nvalue = [0, 0, 1,
29]", fillcolor="#d840e6"] ;
176 -> 178 ;
179 [label="gini = 0.0\nsamples = 28\nvalue = [0, 0, 0, 28]",
fillcolor="#d739e5"] ;
178 -> 179 ;
180 [label="X[0] <= -1.186\ngini = 0.5\nsamples = 2\nvalue = [0, 0, 1,
1]", fillcolor="#ffffff"] ;
178 -> 180 ;
181 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
180 -> 181 ;
182 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
180 -> 182 ;
183 [label="X[1] <= -0.104\ngini = 0.196\nsamples = 92\nvalue = [82, 1,
0, 9]", fillcolor="#e89051"] ;
175 -> 183 ;
184 [label="X[0] <= -0.982\ngini = 0.116\nsamples = 82\nvalue = [77, 1,
0, 4]", fillcolor="#e78946"] ;
183 -> 184 ;
185 [label="X[1] <= -0.701\ngini = 0.49\nsamples = 7\nvalue = [4, 0, 0,
3]", fillcolor="#f8e0ce"] ;
184 -> 185 ;
186 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]",
fillcolor="#e58139"] ;
185 -> 186 ;
187 [label="X[0] <= -1.007\ngini = 0.48\nsamples = 5\nvalue = [2, 0, 0,
3]", fillcolor="#f2bdf6"] ;
185 -> 187 ;
188 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
187 -> 188 ;
189 [label="X[1] <= -0.557\ngini = 0.375\nsamples = 4\nvalue = [1, 0, 0,
3]", fillcolor="#e47bee"] ;
187 -> 189 ;

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190 [label="X[1] <= -0.64\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
189 -> 190 ;
191 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
190 -> 191 ;
192 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
190 -> 192 ;
193 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
189 -> 193 ;
194 [label="X[1] <= -0.882\ngini = 0.052\nsamples = 75\nvalue = [73, 1,
0, 1]", fillcolor="#e6843e"] ;
184 -> 194 ;
195 [label="X[1] <= -0.896\ngini = 0.5\nsamples = 2\nvalue = [1, 1, 0,
0]", fillcolor="#ffffff"] ;
194 -> 195 ;
196 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
195 -> 196 ;
197 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
195 -> 197 ;
198 [label="X[1] <= -0.193\ngini = 0.027\nsamples = 73\nvalue = [72, 0,
0, 1]", fillcolor="#e5833c"] ;
194 -> 198 ;
199 [label="gini = 0.0\nsamples = 64\nvalue = [64, 0, 0, 0]",
fillcolor="#e58139"] ;
198 -> 199 ;
200 [label="X[1] <= -0.174\ngini = 0.198\nsamples = 9\nvalue = [8, 0, 0,
1]", fillcolor="#e89152"] ;
198 -> 200 ;
201 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
200 -> 201 ;
202 [label="gini = 0.0\nsamples = 8\nvalue = [8, 0, 0, 0]",
fillcolor="#e58139"] ;
200 -> 202 ;
203 [label="X[1] <= -0.083\ngini = 0.5\nsamples = 10\nvalue = [5, 0, 0,
5]", fillcolor="#ffffff"] ;
183 -> 203 ;
204 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
203 -> 204 ;
205 [label="X[1] <= -0.052\ngini = 0.494\nsamples = 9\nvalue = [5, 0, 0,
4]", fillcolor="#fae6d7"] ;
203 -> 205 ;
206 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]",
fillcolor="#e58139"] ;
205 -> 206 ;
207 [label="X[1] <= -0.039\ngini = 0.49\nsamples = 7\nvalue = [3, 0, 0,
4]", fillcolor="#f5cef8"] ;
205 -> 207 ;
208 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
207 -> 208 ;
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209 [label="X[1] <= -0.031\ngini = 0.48\nsamples = 5\nvalue = [3, 0, 0,
2]", fillcolor="#f6d5bd"] ;
207 -> 209 ;
210 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]",
fillcolor="#e58139"] ;
209 -> 210 ;
211 [label="X[0] <= -0.588\ngini = 0.444\nsamples = 3\nvalue = [1, 0, 0,
2]", fillcolor="#eb9cf2"] ;
209 -> 211 ;
212 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
211 -> 212 ;
213 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
211 -> 213 ;
214 [label="X[1] <= 0.953\ngini = 0.598\nsamples = 293\nvalue = [4, 38,
153, 98]", fillcolor="#c7e3f8"] ;
174 -> 214 ;
215 [label="X[0] <= -1.0\ngini = 0.487\nsamples = 147\nvalue = [4, 0, 51,
92]", fillcolor="#eeaaf4"] ;
214 -> 215 ;
216 [label="X[1] <= 0.0\ngini = 0.08\nsamples = 48\nvalue = [0, 0, 46,
2]", fillcolor="#42a1e6"] ;
215 -> 216 ;
217 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
216 -> 217 ;
218 [label="X[0] <= -1.025\ngini = 0.042\nsamples = 47\nvalue = [0, 0,
46, 1]", fillcolor="#3d9fe6"] ;
216 -> 218 ;
219 [label="gini = 0.0\nsamples = 44\nvalue = [0, 0, 44, 0]",
fillcolor="#399de5"] ;
218 -> 219 ;
220 [label="X[0] <= -1.014\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 2,
1]", fillcolor="#9ccef2"] ;
218 -> 220 ;
221 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
220 -> 221 ;
222 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
220 -> 222 ;
223 [label="X[1] <= 0.158\ngini = 0.169\nsamples = 99\nvalue = [4, 0, 5,
90]", fillcolor="#db4ce7"] ;
215 -> 223 ;
224 [label="X[1] <= 0.057\ngini = 0.463\nsamples = 11\nvalue = [4, 0, 0,
7]", fillcolor="#eeaaf4"] ;
223 -> 224 ;
225 [label="gini = 0.0\nsamples = 4\nvalue = [0, 0, 0, 4]",
fillcolor="#d739e5"] ;
224 -> 225 ;
226 [label="X[1] <= 0.128\ngini = 0.49\nsamples = 7\nvalue = [4, 0, 0,
3]", fillcolor="#f8e0ce"] ;
224 -> 226 ;
227 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]",
fillcolor="#e58139"] ;
226 -> 227 ;
```

228 [label="X[1] <= 0.147\ngini = 0.48\nsamples = 5\nvalue = [2, 0, 0, 3]", fillcolor="#f2bdf6"] ;
226 -> 228 ;
229 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]", fillcolor="#d739e5"] ;
228 -> 229 ;
230 [label="X[1] <= 0.149\ngini = 0.444\nsamples = 3\nvalue = [2, 0, 0, 1]", fillcolor="#f2c09c"] ;
228 -> 230 ;
231 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
230 -> 231 ;
232 [label="X[1] <= 0.152\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0, 1]", fillcolor="#ffffff"] ;
230 -> 232 ;
233 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]", fillcolor="#d739e5"] ;
232 -> 233 ;
234 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
232 -> 234 ;
235 [label="X[0] <= -0.958\ngini = 0.107\nsamples = 88\nvalue = [0, 0, 5, 83]", fillcolor="#d945e7"] ;
223 -> 235 ;
236 [label="X[1] <= 0.476\ngini = 0.5\nsamples = 4\nvalue = [0, 0, 2, 2]", fillcolor="#ffffff"] ;
235 -> 236 ;
237 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
236 -> 237 ;
238 [label="X[0] <= -0.999\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 1, 2]", fillcolor="#eb9cf2"] ;
236 -> 238 ;
239 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]", fillcolor="#d739e5"] ;
238 -> 239 ;
240 [label="X[1] <= 0.677\ngini = 0.5\nsamples = 2\nvalue = [0, 0, 1, 1]", fillcolor="#ffffff"] ;
238 -> 240 ;
241 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]", fillcolor="#d739e5"] ;
240 -> 241 ;
242 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
240 -> 242 ;
243 [label="X[1] <= 0.835\ngini = 0.069\nsamples = 84\nvalue = [0, 0, 3, 81]", fillcolor="#d840e6"] ;
235 -> 243 ;
244 [label="gini = 0.0\nsamples = 71\nvalue = [0, 0, 0, 71]", fillcolor="#d739e5"] ;
243 -> 244 ;
245 [label="X[1] <= 0.849\ngini = 0.355\nsamples = 13\nvalue = [0, 0, 3, 10]", fillcolor="#e374ed"] ;
243 -> 245 ;
246 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
245 -> 246 ;

247 [label="X[0] <= -0.22\ngini = 0.278\nsamples = 12\nvalue = [0, 0, 2, 10]", fillcolor="#df61ea"] ;
245 -> 247 ;
248 [label="X[0] <= -0.755\ngini = 0.165\nsamples = 11\nvalue = [0, 0, 1, 10]", fillcolor="#db4de8"] ;
247 -> 248 ;
249 [label="gini = 0.375\nsamples = 4\nvalue = [0, 0, 1, 3]", fillcolor="#e47bee"] ;
248 -> 249 ;
250 [label="gini = 0.0\nsamples = 7\nvalue = [0, 0, 0, 7]", fillcolor="#d739e5"] ;
248 -> 250 ;
251 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
247 -> 251 ;
252 [label="X[0] <= -1.059\ngini = 0.442\nsamples = 146\nvalue = [0, 38, 102, 6]", fillcolor="#8ac5f0"] ;
214 -> 252 ;
253 [label="X[1] <= 1.212\ngini = 0.198\nsamples = 36\nvalue = [0, 32, 4, 0]", fillcolor="#5ee852"] ;
252 -> 253 ;
254 [label="X[0] <= -1.409\ngini = 0.463\nsamples = 11\nvalue = [0, 7, 4, 0]", fillcolor="#b0f4aa"] ;
253 -> 254 ;
255 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
254 -> 255 ;
256 [label="X[0] <= -1.171\ngini = 0.42\nsamples = 10\nvalue = [0, 7, 3, 0]", fillcolor="#96f08e"] ;
254 -> 256 ;
257 [label="X[1] <= 1.097\ngini = 0.245\nsamples = 7\nvalue = [0, 6, 1, 0]", fillcolor="#66e95a"] ;
256 -> 257 ;
258 [label="X[1] <= 1.063\ngini = 0.444\nsamples = 3\nvalue = [0, 2, 1, 0]", fillcolor="#a3f29c"] ;
257 -> 258 ;
259 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]", fillcolor="#47e539"] ;
258 -> 259 ;
260 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
258 -> 260 ;
261 [label="gini = 0.0\nsamples = 4\nvalue = [0, 4, 0, 0]", fillcolor="#47e539"] ;
257 -> 261 ;
262 [label="X[0] <= -1.111\ngini = 0.444\nsamples = 3\nvalue = [0, 1, 2, 0]", fillcolor="#9ccef2"] ;
256 -> 262 ;
263 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
262 -> 263 ;
264 [label="X[1] <= 1.123\ngini = 0.5\nsamples = 2\nvalue = [0, 1, 1, 0]", fillcolor="#ffffff"] ;
262 -> 264 ;
265 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]", fillcolor="#47e539"] ;
264 -> 265 ;

266 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
264 -> 266 ;
267 [label="gini = 0.0\nsamples = 25\nvalue = [0, 25, 0, 0]",
fillcolor="#47e539"] ;
253 -> 267 ;
268 [label="X[0] <= -0.945\ngini = 0.2\nsamples = 110\nvalue = [0, 6, 98,
6]", fillcolor="#50a8e8"] ;
252 -> 268 ;
269 [label="X[0] <= -0.962\ngini = 0.521\nsamples = 13\nvalue = [0, 4, 8,
1]", fillcolor="#a7d3f3"] ;
268 -> 269 ;
270 [label="X[1] <= 1.79\ngini = 0.397\nsamples = 11\nvalue = [0, 3, 8,
0]", fillcolor="#83c2ef"] ;
269 -> 270 ;
271 [label="X[0] <= -1.028\ngini = 0.32\nsamples = 10\nvalue = [0, 2, 8,
0]", fillcolor="#6ab6ec"] ;
270 -> 271 ;
272 [label="X[0] <= -1.035\ngini = 0.48\nsamples = 5\nvalue = [0, 2, 3,
0]", fillcolor="#bddef6"] ;
271 -> 272 ;
273 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
272 -> 273 ;
274 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
272 -> 274 ;
275 [label="gini = 0.0\nsamples = 5\nvalue = [0, 0, 5, 0]",
fillcolor="#399de5"] ;
271 -> 275 ;
276 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
270 -> 276 ;
277 [label="X[1] <= 1.22\ngini = 0.5\nsamples = 2\nvalue = [0, 1, 0, 1]",
fillcolor="#ffffff"] ;
269 -> 277 ;
278 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
277 -> 278 ;
279 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
277 -> 279 ;
280 [label="X[0] <= -0.165\ngini = 0.136\nsamples = 97\nvalue = [0, 2,
90, 5]", fillcolor="#48a4e7"] ;
268 -> 280 ;
281 [label="X[1] <= 1.103\ngini = 0.088\nsamples = 88\nvalue = [0, 2, 84,
2]", fillcolor="#42a2e6"] ;
280 -> 281 ;
282 [label="X[1] <= 1.088\ngini = 0.26\nsamples = 13\nvalue = [0, 0, 11,
2]", fillcolor="#5dafea"] ;
281 -> 282 ;
283 [label="X[1] <= 1.063\ngini = 0.153\nsamples = 12\nvalue = [0, 0, 11,
1]", fillcolor="#4ba6e7"] ;
282 -> 283 ;
284 [label="gini = 0.0\nsamples = 9\nvalue = [0, 0, 9, 0]",
fillcolor="#399de5"] ;
283 -> 284 ;

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285 [label="X[1] <= 1.065\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 2,
1]", fillcolor="#9ccef2"] ;
283 -> 285 ;
286 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
285 -> 286 ;
287 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
285 -> 287 ;
288 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
282 -> 288 ;
289 [label="X[0] <= -0.778\ngini = 0.052\nsamples = 75\nvalue = [0, 2,
73, 0]", fillcolor="#3ea0e6"] ;
281 -> 289 ;
290 [label="X[0] <= -0.787\ngini = 0.208\nsamples = 17\nvalue = [0, 2,
15, 0]", fillcolor="#53aae8"] ;
289 -> 290 ;
291 [label="X[0] <= -0.811\ngini = 0.117\nsamples = 16\nvalue = [0, 1,
15, 0]", fillcolor="#46a4e7"] ;
290 -> 291 ;
292 [label="gini = 0.0\nsamples = 12\nvalue = [0, 0, 12, 0]",
fillcolor="#399de5"] ;
291 -> 292 ;
293 [label="gini = 0.375\nsamples = 4\nvalue = [0, 1, 3, 0]",
fillcolor="#7bbeee"] ;
291 -> 293 ;
294 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
290 -> 294 ;
295 [label="gini = 0.0\nsamples = 58\nvalue = [0, 0, 58, 0]",
fillcolor="#399de5"] ;
289 -> 295 ;
296 [label="X[0] <= -0.128\ngini = 0.444\nsamples = 9\nvalue = [0, 0, 6,
3]", fillcolor="#9ccef2"] ;
280 -> 296 ;
297 [label="X[0] <= -0.135\ngini = 0.48\nsamples = 5\nvalue = [0, 0, 2,
3]", fillcolor="#f2bdf6"] ;
296 -> 297 ;
298 [label="X[0] <= -0.147\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 2,
1]", fillcolor="#9ccef2"] ;
297 -> 298 ;
299 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
298 -> 299 ;
300 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
298 -> 300 ;
301 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
297 -> 301 ;
302 [label="gini = 0.0\nsamples = 4\nvalue = [0, 0, 4, 0]",
fillcolor="#399de5"] ;
296 -> 302 ;
303 [label="X[1] <= 0.051\ngini = 0.718\nsamples = 651\nvalue = [226,
215, 111, 99]", fillcolor="#fefcfa"] ;
173 -> 303 ;
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304 [label="X[0] <= 0.99\ngini = 0.595\nsamples = 245\nvalue = [23, 113, 105, 4]", fillcolor="#f4fef4"] ;
303 -> 304 ;
305 [label="X[0] <= 0.103\ngini = 0.372\nsamples = 126\nvalue = [23, 97, 5, 1]", fillcolor="#7bec71"] ;
304 -> 305 ;
306 [label="X[1] <= -0.082\ngini = 0.527\nsamples = 32\nvalue = [19, 11, 1, 1]", fillcolor="#f5cfb4"] ;
305 -> 306 ;
307 [label="X[1] <= -0.567\ngini = 0.473\nsamples = 29\nvalue = [19, 9, 1, 0]", fillcolor="#f2c09c"] ;
306 -> 307 ;
308 [label="X[1] <= -0.798\ngini = 0.562\nsamples = 11\nvalue = [4, 6, 1, 0]", fillcolor="#caf8c6"] ;
307 -> 308 ;
309 [label="X[0] <= -0.014\ngini = 0.444\nsamples = 3\nvalue = [2, 0, 1, 0]", fillcolor="#f2c09c"] ;
308 -> 309 ;
310 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]", fillcolor="#399de5"] ;
309 -> 310 ;
311 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]", fillcolor="#e58139"] ;
309 -> 311 ;
312 [label="X[0] <= 0.093\ngini = 0.375\nsamples = 8\nvalue = [2, 6, 0, 0]", fillcolor="#84ee7b"] ;
308 -> 312 ;
313 [label="X[0] <= 0.032\ngini = 0.245\nsamples = 7\nvalue = [1, 6, 0, 0]", fillcolor="#66e95a"] ;
312 -> 313 ;
314 [label="gini = 0.0\nsamples = 4\nvalue = [0, 4, 0, 0]", fillcolor="#47e539"] ;
313 -> 314 ;
315 [label="X[0] <= 0.076\ngini = 0.444\nsamples = 3\nvalue = [1, 2, 0, 0]", fillcolor="#a3f29c"] ;
313 -> 315 ;
316 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
315 -> 316 ;
317 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]", fillcolor="#47e539"] ;
315 -> 317 ;
318 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]", fillcolor="#e58139"] ;
312 -> 318 ;
319 [label="X[1] <= -0.172\ngini = 0.278\nsamples = 18\nvalue = [15, 3, 0, 0]", fillcolor="#ea9a61"] ;
307 -> 319 ;
320 [label="X[1] <= -0.33\ngini = 0.219\nsamples = 16\nvalue = [14, 2, 0, 0]", fillcolor="#e99355"] ;
319 -> 320 ;
321 [label="X[1] <= -0.383\ngini = 0.408\nsamples = 7\nvalue = [5, 2, 0, 0]", fillcolor="#efb388"] ;
320 -> 321 ;
322 [label="gini = 0.0\nsamples = 5\nvalue = [5, 0, 0, 0]", fillcolor="#e58139"] ;
321 -> 322 ;

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323 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
321 -> 323 ;
324 [label="gini = 0.0\nsamples = 9\nvalue = [9, 0, 0, 0]",
fillcolor="#e58139"] ;
320 -> 324 ;
325 [label="X[0] <= -0.059\ngini = 0.5\nsamples = 2\nvalue = [1, 1, 0,
0]", fillcolor="#ffffff"] ;
319 -> 325 ;
326 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
325 -> 326 ;
327 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
325 -> 327 ;
328 [label="X[0] <= -0.002\ngini = 0.444\nsamples = 3\nvalue = [0, 2, 0,
1]", fillcolor="#a3f29c"] ;
306 -> 328 ;
329 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
328 -> 329 ;
330 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
328 -> 330 ;
331 [label="X[1] <= -0.06\ngini = 0.159\nsamples = 94\nvalue = [4, 86, 4,
0]", fillcolor="#57e74b"] ;
305 -> 331 ;
332 [label="X[1] <= -0.879\ngini = 0.092\nsamples = 83\nvalue = [0, 79,
4, 0]", fillcolor="#50e643"] ;
331 -> 332 ;
333 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
332 -> 333 ;
334 [label="X[0] <= 0.851\ngini = 0.07\nsamples = 82\nvalue = [0, 79, 3,
0]", fillcolor="#4ee641"] ;
332 -> 334 ;
335 [label="gini = 0.0\nsamples = 73\nvalue = [0, 73, 0, 0]",
fillcolor="#47e539"] ;
334 -> 335 ;
336 [label="X[0] <= 0.875\ngini = 0.444\nsamples = 9\nvalue = [0, 6, 3,
0]", fillcolor="#a3f29c"] ;
334 -> 336 ;
337 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
336 -> 337 ;
338 [label="X[1] <= -0.153\ngini = 0.245\nsamples = 7\nvalue = [0, 6, 1,
0]", fillcolor="#66e95a"] ;
336 -> 338 ;
339 [label="gini = 0.0\nsamples = 6\nvalue = [0, 6, 0, 0]",
fillcolor="#47e539"] ;
338 -> 339 ;
340 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
338 -> 340 ;
341 [label="X[1] <= 0.027\ngini = 0.463\nsamples = 11\nvalue = [4, 7, 0,
0]", fillcolor="#b0f4aa"] ;
331 -> 341 ;
```

```
342 [label="X[0] <= 0.794\ngini = 0.444\nsamples = 6\nvalue = [4, 2, 0,
0]", fillcolor="#f2c09c"] ;
341 -> 342 ;
343 [label="gini = 0.0\nsamples = 4\nvalue = [4, 0, 0, 0]",
fillcolor="#e58139"] ;
342 -> 343 ;
344 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
342 -> 344 ;
345 [label="gini = 0.0\nsamples = 5\nvalue = [0, 5, 0, 0]",
fillcolor="#47e539"] ;
341 -> 345 ;
346 [label="X[1] <= -0.024\ngini = 0.275\nsamples = 119\nvalue = [0, 16,
100, 3]", fillcolor="#5eafea"] ;
304 -> 346 ;
347 [label="X[1] <= -0.866\ngini = 0.172\nsamples = 108\nvalue = [0, 7,
98, 3]", fillcolor="#4da7e8"] ;
346 -> 347 ;
348 [label="X[0] <= 1.771\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 1,
2]", fillcolor="#eb9cf2"] ;
347 -> 348 ;
349 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
348 -> 349 ;
350 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
348 -> 350 ;
351 [label="X[1] <= -0.142\ngini = 0.142\nsamples = 105\nvalue = [0, 7,
97, 1]", fillcolor="#49a5e7"] ;
347 -> 351 ;
352 [label="X[0] <= 1.079\ngini = 0.066\nsamples = 89\nvalue = [0, 2, 86,
1]", fillcolor="#40a0e6"] ;
351 -> 352 ;
353 [label="X[0] <= 1.057\ngini = 0.531\nsamples = 8\nvalue = [0, 2, 5,
1]", fillcolor="#9ccef2"] ;
352 -> 353 ;
354 [label="X[0] <= 1.012\ngini = 0.278\nsamples = 6\nvalue = [0, 1, 5,
0]", fillcolor="#61b1ea"] ;
353 -> 354 ;
355 [label="X[0] <= 1.004\ngini = 0.444\nsamples = 3\nvalue = [0, 1, 2,
0]", fillcolor="#9ccef2"] ;
354 -> 355 ;
356 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
355 -> 356 ;
357 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
355 -> 357 ;
358 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
354 -> 358 ;
359 [label="X[1] <= -0.806\ngini = 0.5\nsamples = 2\nvalue = [0, 1, 0,
1]", fillcolor="#ffffff"] ;
353 -> 359 ;
360 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
359 -> 360 ;
```

361 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
359 -> 361 ;
362 [label="gini = 0.0\nsamples = 81\nvalue = [0, 0, 81, 0]",
fillcolor="#399de5"] ;
352 -> 362 ;
363 [label="X[1] <= -0.141\ngini = 0.43\nsamples = 16\nvalue = [0, 5, 11,
0]", fillcolor="#93caf1"] ;
351 -> 363 ;
364 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
363 -> 364 ;
365 [label="X[0] <= 1.199\ngini = 0.391\nsamples = 15\nvalue = [0, 4, 11,
0]", fillcolor="#81c1ee"] ;
363 -> 365 ;
366 [label="X[1] <= -0.116\ngini = 0.444\nsamples = 3\nvalue = [0, 2, 1,
0]", fillcolor="#a3f29c"] ;
365 -> 366 ;
367 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
366 -> 367 ;
368 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
366 -> 368 ;
369 [label="X[0] <= 1.732\ngini = 0.278\nsamples = 12\nvalue = [0, 2, 10,
0]", fillcolor="#61b1ea"] ;
365 -> 369 ;
370 [label="X[0] <= 1.451\ngini = 0.18\nsamples = 10\nvalue = [0, 1, 9,
0]", fillcolor="#4fa8e8"] ;
369 -> 370 ;
371 [label="gini = 0.375\nsamples = 4\nvalue = [0, 1, 3, 0]",
fillcolor="#7bbeee"] ;
370 -> 371 ;
372 [label="gini = 0.0\nsamples = 6\nvalue = [0, 0, 6, 0]",
fillcolor="#399de5"] ;
370 -> 372 ;
373 [label="X[1] <= -0.114\ngini = 0.5\nsamples = 2\nvalue = [0, 1, 1,
0]", fillcolor="#ffffff"] ;
369 -> 373 ;
374 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
373 -> 374 ;
375 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
373 -> 375 ;
376 [label="X[0] <= 1.667\ngini = 0.298\nsamples = 11\nvalue = [0, 9, 2,
0]", fillcolor="#70eb65"] ;
346 -> 376 ;
377 [label="X[0] <= 1.408\ngini = 0.5\nsamples = 4\nvalue = [0, 2, 2,
0]", fillcolor="#ffffff"] ;
376 -> 377 ;
378 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
377 -> 378 ;
379 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 2, 0]",
fillcolor="#399de5"] ;
377 -> 379 ;

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380 [label="gini = 0.0\nsamples = 7\nvalue = [0, 7, 0, 0]",
fillcolor="#47e539"] ;
376 -> 380 ;
381 [label="X[0] <= 0.978\ngini = 0.632\nsamples = 406\nvalue = [203,
102, 6, 95]", fillcolor="#f6d5bd"] ;
303 -> 381 ;
382 [label="X[1] <= 1.01\ngini = 0.53\nsamples = 209\nvalue = [108, 3, 4,
94]", fillcolor="#fcf0e7"] ;
381 -> 382 ;
383 [label="X[0] <= 0.065\ngini = 0.238\nsamples = 119\nvalue = [103, 3,
0, 13]", fillcolor="#e99457"] ;
382 -> 383 ;
384 [label="X[1] <= 0.235\ngini = 0.498\nsamples = 15\nvalue = [7, 0, 0,
8]", fillcolor="#fae6fc"] ;
383 -> 384 ;
385 [label="gini = 0.0\nsamples = 3\nvalue = [3, 0, 0, 0]",
fillcolor="#e58139"] ;
384 -> 385 ;
386 [label="X[0] <= -0.045\ngini = 0.444\nsamples = 12\nvalue = [4, 0, 0,
8]", fillcolor="#eb9cf2"] ;
384 -> 386 ;
387 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]",
fillcolor="#e58139"] ;
386 -> 387 ;
388 [label="X[0] <= 0.033\ngini = 0.32\nsamples = 10\nvalue = [2, 0, 0,
8]", fillcolor="#e16aec"] ;
386 -> 388 ;
389 [label="X[1] <= 0.763\ngini = 0.219\nsamples = 8\nvalue = [1, 0, 0,
7]", fillcolor="#dd55e9"] ;
388 -> 389 ;
390 [label="gini = 0.0\nsamples = 6\nvalue = [0, 0, 0, 6]",
fillcolor="#d739e5"] ;
389 -> 390 ;
391 [label="X[0] <= -0.022\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
389 -> 391 ;
392 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
391 -> 392 ;
393 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
391 -> 393 ;
394 [label="X[0] <= 0.049\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
388 -> 394 ;
395 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
394 -> 395 ;
396 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
394 -> 396 ;
397 [label="X[1] <= 0.896\ngini = 0.145\nsamples = 104\nvalue = [96, 3,
0, 5]", fillcolor="#e78b49"] ;
383 -> 397 ;
398 [label="X[0] <= 0.934\ngini = 0.085\nsamples = 91\nvalue = [87, 3, 0,
1]", fillcolor="#e68742"] ;
397 -> 398 ;
```

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399 [label="X[0] <= 0.148\ngini = 0.066\nsamples = 89\nvalue = [86, 2, 0,
1]", fillcolor="#e68540"] ;
398 -> 399 ;
400 [label="X[0] <= 0.139\ngini = 0.449\nsamples = 7\nvalue = [5, 1, 0,
1]", fillcolor="#eeab7b"] ;
399 -> 400 ;
401 [label="X[1] <= 0.218\ngini = 0.278\nsamples = 6\nvalue = [5, 1, 0,
0]", fillcolor="#ea9a61"] ;
400 -> 401 ;
402 [label="gini = 0.5\nsamples = 2\nvalue = [1, 1, 0, 0]",
fillcolor="#ffffff"] ;
401 -> 402 ;
403 [label="gini = 0.0\nsamples = 4\nvalue = [4, 0, 0, 0]",
fillcolor="#e58139"] ;
401 -> 403 ;
404 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
400 -> 404 ;
405 [label="X[0] <= 0.889\ngini = 0.024\nsamples = 82\nvalue = [81, 1, 0,
0]", fillcolor="#e5833b"] ;
399 -> 405 ;
406 [label="gini = 0.0\nsamples = 76\nvalue = [76, 0, 0, 0]",
fillcolor="#e58139"] ;
405 -> 406 ;
407 [label="X[0] <= 0.896\ngini = 0.278\nsamples = 6\nvalue = [5, 1, 0,
0]", fillcolor="#ea9a61"] ;
405 -> 407 ;
408 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
407 -> 408 ;
409 [label="gini = 0.0\nsamples = 5\nvalue = [5, 0, 0, 0]",
fillcolor="#e58139"] ;
407 -> 409 ;
410 [label="X[1] <= 0.474\ngini = 0.5\nsamples = 2\nvalue = [1, 1, 0,
0]", fillcolor="#ffffff"] ;
398 -> 410 ;
411 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
410 -> 411 ;
412 [label="gini = 0.0\nsamples = 1\nvalue = [0, 1, 0, 0]",
fillcolor="#47e539"] ;
410 -> 412 ;
413 [label="X[0] <= 0.311\ngini = 0.426\nsamples = 13\nvalue = [9, 0, 0,
4]", fillcolor="#f1b991"] ;
397 -> 413 ;
414 [label="X[0] <= 0.25\ngini = 0.375\nsamples = 4\nvalue = [1, 0, 0,
3]", fillcolor="#e47bee"] ;
413 -> 414 ;
415 [label="X[0] <= 0.216\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
414 -> 415 ;
416 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
415 -> 416 ;
417 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
415 -> 417 ;
```

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418 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
414 -> 418 ;
419 [label="X[1] <= 0.99\ngini = 0.198\nsamples = 9\nvalue = [8, 0, 0,
1]", fillcolor="#e89152"] ;
413 -> 419 ;
420 [label="gini = 0.0\nsamples = 7\nvalue = [7, 0, 0, 0]",
fillcolor="#e58139"] ;
419 -> 420 ;
421 [label="X[1] <= 0.999\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
419 -> 421 ;
422 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
421 -> 422 ;
423 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
421 -> 423 ;
424 [label="X[0] <= 0.105\ngini = 0.185\nsamples = 90\nvalue = [5, 0, 4,
81]", fillcolor="#db4ee8"] ;
382 -> 424 ;
425 [label="X[1] <= 1.467\ngini = 0.5\nsamples = 8\nvalue = [0, 0, 4,
4]", fillcolor="#ffffff"] ;
424 -> 425 ;
426 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 0, 3]",
fillcolor="#d739e5"] ;
425 -> 426 ;
427 [label="X[0] <= 0.064\ngini = 0.32\nsamples = 5\nvalue = [0, 0, 4,
1]", fillcolor="#6ab6ec"] ;
425 -> 427 ;
428 [label="gini = 0.0\nsamples = 3\nvalue = [0, 0, 3, 0]",
fillcolor="#399de5"] ;
427 -> 428 ;
429 [label="X[0] <= 0.097\ngini = 0.5\nsamples = 2\nvalue = [0, 0, 1,
1]", fillcolor="#ffffff"] ;
427 -> 429 ;
430 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
429 -> 430 ;
431 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
429 -> 431 ;
432 [label="X[0] <= 0.961\ngini = 0.115\nsamples = 82\nvalue = [5, 0, 0,
77]", fillcolor="#da46e7"] ;
424 -> 432 ;
433 [label="X[0] <= 0.835\ngini = 0.073\nsamples = 79\nvalue = [3, 0, 0,
76]", fillcolor="#d941e6"] ;
432 -> 433 ;
434 [label="X[1] <= 1.088\ngini = 0.028\nsamples = 70\nvalue = [1, 0, 0,
69]", fillcolor="#d83ce5"] ;
433 -> 434 ;
435 [label="X[0] <= 0.617\ngini = 0.32\nsamples = 5\nvalue = [1, 0, 0,
4]", fillcolor="#e16aec"] ;
434 -> 435 ;
436 [label="gini = 0.0\nsamples = 4\nvalue = [0, 0, 0, 4]",
fillcolor="#d739e5"] ;
435 -> 436 ;
```

437 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
435 -> 437 ;
438 [label="gini = 0.0\nsamples = 65\nvalue = [0, 0, 0, 65]",
fillcolor="#d739e5"] ;
434 -> 438 ;
439 [label="X[0] <= 0.84\ngini = 0.346\nsamples = 9\nvalue = [2, 0, 0,
7]", fillcolor="#e272ec"] ;
433 -> 439 ;
440 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
439 -> 440 ;
441 [label="X[1] <= 1.5\ngini = 0.219\nsamples = 8\nvalue = [1, 0, 0,
7]", fillcolor="#dd55e9"] ;
439 -> 441 ;
442 [label="X[1] <= 1.38\ngini = 0.444\nsamples = 3\nvalue = [1, 0, 0,
2]", fillcolor="#eb9cf2"] ;
441 -> 442 ;
443 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
442 -> 443 ;
444 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
442 -> 444 ;
445 [label="gini = 0.0\nsamples = 5\nvalue = [0, 0, 0, 5]",
fillcolor="#d739e5"] ;
441 -> 445 ;
446 [label="X[1] <= 1.673\ngini = 0.444\nsamples = 3\nvalue = [2, 0, 0,
1]", fillcolor="#f2c09c"] ;
432 -> 446 ;
447 [label="gini = 0.0\nsamples = 2\nvalue = [2, 0, 0, 0]",
fillcolor="#e58139"] ;
446 -> 447 ;
448 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
446 -> 448 ;
449 [label="X[1] <= 0.93\ngini = 0.515\nsamples = 197\nvalue = [95, 99,
2, 1]", fillcolor="#f8fef7"] ;
381 -> 449 ;
450 [label="X[1] <= 0.108\ngini = 0.183\nsamples = 100\nvalue = [8, 90,
2, 0]", fillcolor="#5be84f"] ;
449 -> 450 ;
451 [label="X[0] <= 1.138\ngini = 0.64\nsamples = 5\nvalue = [1, 2, 2,
0]", fillcolor="#ffffff"] ;
450 -> 451 ;
452 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
451 -> 452 ;
453 [label="X[0] <= 1.332\ngini = 0.5\nsamples = 4\nvalue = [0, 2, 2,
0]", fillcolor="#ffffff"] ;
451 -> 453 ;
454 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
453 -> 454 ;
455 [label="X[1] <= 0.101\ngini = 0.444\nsamples = 3\nvalue = [0, 2, 1,
0]", fillcolor="#a3f29c"] ;
453 -> 455 ;

456 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
455 -> 456 ;
457 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
455 -> 457 ;
458 [label="X[0] <= 1.134\ngini = 0.137\nsamples = 95\nvalue = [7, 88, 0,
0]", fillcolor="#56e749"] ;
450 -> 458 ;
459 [label="X[1] <= 0.385\ngini = 0.346\nsamples = 27\nvalue = [6, 21, 0,
0]", fillcolor="#7cec72"] ;
458 -> 459 ;
460 [label="gini = 0.0\nsamples = 9\nvalue = [0, 9, 0, 0]",
fillcolor="#47e539"] ;
459 -> 460 ;
461 [label="X[1] <= 0.492\ngini = 0.444\nsamples = 18\nvalue = [6, 12, 0,
0]", fillcolor="#a3f29c"] ;
459 -> 461 ;
462 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
461 -> 462 ;
463 [label="X[0] <= 1.127\ngini = 0.415\nsamples = 17\nvalue = [5, 12, 0,
0]", fillcolor="#94f08b"] ;
461 -> 463 ;
464 [label="X[0] <= 1.076\ngini = 0.375\nsamples = 16\nvalue = [4, 12, 0,
0]", fillcolor="#84ee7b"] ;
463 -> 464 ;
465 [label="gini = 0.469\nsamples = 8\nvalue = [3, 5, 0, 0]",
fillcolor="#b5f5b0"] ;
464 -> 465 ;
466 [label="gini = 0.219\nsamples = 8\nvalue = [1, 7, 0, 0]",
fillcolor="#61e955"] ;
464 -> 466 ;
467 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
463 -> 467 ;
468 [label="X[1] <= 0.866\ngini = 0.029\nsamples = 68\nvalue = [1, 67, 0,
0]", fillcolor="#4ae53c"] ;
458 -> 468 ;
469 [label="gini = 0.0\nsamples = 63\nvalue = [0, 63, 0, 0]",
fillcolor="#47e539"] ;
468 -> 469 ;
470 [label="X[1] <= 0.876\ngini = 0.32\nsamples = 5\nvalue = [1, 4, 0,
0]", fillcolor="#75ec6a"] ;
468 -> 470 ;
471 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
470 -> 471 ;
472 [label="gini = 0.0\nsamples = 4\nvalue = [0, 4, 0, 0]",
fillcolor="#47e539"] ;
470 -> 472 ;
473 [label="X[1] <= 1.136\ngini = 0.187\nsamples = 97\nvalue = [87, 9, 0,
1]", fillcolor="#e88f50"] ;
449 -> 473 ;
474 [label="X[1] <= 1.097\ngini = 0.483\nsamples = 22\nvalue = [13, 9, 0,
0]", fillcolor="#f7d8c2"] ;
473 -> 474 ;

475 [label="X[1] <= 1.055\ngini = 0.432\nsamples = 19\nvalue = [13, 6, 0, 0]", fillcolor="#f1bb94"] ;
474 -> 475 ;
476 [label="X[1] <= 1.039\ngini = 0.497\nsamples = 13\nvalue = [7, 6, 0, 0]", fillcolor="#fbede3"] ;
475 -> 476 ;
477 [label="X[1] <= 0.957\ngini = 0.42\nsamples = 10\nvalue = [7, 3, 0, 0]", fillcolor="#f0b78e"] ;
476 -> 477 ;
478 [label="gini = 0.0\nsamples = 3\nvalue = [3, 0, 0, 0]", fillcolor="#e58139"] ;
477 -> 478 ;
479 [label="X[1] <= 1.004\ngini = 0.49\nsamples = 7\nvalue = [4, 3, 0, 0]", fillcolor="#f8e0ce"] ;
477 -> 479 ;
480 [label="gini = 0.375\nsamples = 4\nvalue = [1, 3, 0, 0]", fillcolor="#84ee7b"] ;
479 -> 480 ;
481 [label="gini = 0.0\nsamples = 3\nvalue = [3, 0, 0, 0]", fillcolor="#e58139"] ;
479 -> 481 ;
482 [label="gini = 0.0\nsamples = 3\nvalue = [0, 3, 0, 0]", fillcolor="#47e539"] ;
476 -> 482 ;
483 [label="gini = 0.0\nsamples = 6\nvalue = [6, 0, 0, 0]", fillcolor="#e58139"] ;
475 -> 483 ;
484 [label="gini = 0.0\nsamples = 3\nvalue = [0, 3, 0, 0]", fillcolor="#47e539"] ;
474 -> 484 ;
485 [label="X[0] <= 1.024\ngini = 0.026\nsamples = 75\nvalue = [74, 0, 0, 1]", fillcolor="#e5833c"] ;
473 -> 485 ;
486 [label="X[1] <= 1.287\ngini = 0.375\nsamples = 4\nvalue = [3, 0, 0, 1]", fillcolor="#eeab7b"] ;
485 -> 486 ;
487 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]", fillcolor="#d739e5"] ;
486 -> 487 ;
488 [label="gini = 0.0\nsamples = 3\nvalue = [3, 0, 0, 0]", fillcolor="#e58139"] ;
486 -> 488 ;
489 [label="gini = 0.0\nsamples = 71\nvalue = [71, 0, 0, 0]", fillcolor="#e58139"] ;
485 -> 489 ;
490 [label="X[0] <= 1.066\ngini = 0.718\nsamples = 77\nvalue = [22, 18, 9, 28]", fillcolor="#fbe9fc"] ;
0 -> 490 [labeldistance=2.5, labelangle=-45, headlabel="False"] ;
491 [label="X[0] <= -0.089\ngini = 0.621\nsamples = 56\nvalue = [1, 18, 9, 28]", fillcolor="#f4cbf8"] ;
490 -> 491 ;
492 [label="X[0] <= -0.978\ngini = 0.426\nsamples = 26\nvalue = [0, 18, 8, 0]", fillcolor="#99f191"] ;
491 -> 492 ;
493 [label="X[0] <= -1.091\ngini = 0.1\nsamples = 19\nvalue = [0, 18, 1, 0]", fillcolor="#51e644"] ;
492 -> 493 ;

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494 [label="gini = 0.0\nsamples = 16\nvalue = [0, 16, 0, 0]",
fillcolor="#47e539"] ;
493 -> 494 ;
495 [label="X[0] <= -1.077\ngini = 0.444\nsamples = 3\nvalue = [0, 2, 1,
0]", fillcolor="#a3f29c"] ;
493 -> 495 ;
496 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
495 -> 496 ;
497 [label="gini = 0.0\nsamples = 2\nvalue = [0, 2, 0, 0]",
fillcolor="#47e539"] ;
495 -> 497 ;
498 [label="gini = 0.0\nsamples = 7\nvalue = [0, 0, 7, 0]",
fillcolor="#399de5"] ;
492 -> 498 ;
499 [label="X[0] <= 0.941\ngini = 0.127\nsamples = 30\nvalue = [1, 0, 1,
28]", fillcolor="#da47e7"] ;
491 -> 499 ;
500 [label="X[1] <= 2.046\ngini = 0.069\nsamples = 28\nvalue = [0, 0, 1,
27]", fillcolor="#d840e6"] ;
499 -> 500 ;
501 [label="gini = 0.0\nsamples = 25\nvalue = [0, 0, 0, 25]",
fillcolor="#d739e5"] ;
500 -> 501 ;
502 [label="X[0] <= 0.235\ngini = 0.444\nsamples = 3\nvalue = [0, 0, 1,
2]", fillcolor="#eb9cf2"] ;
500 -> 502 ;
503 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 1, 0]",
fillcolor="#399de5"] ;
502 -> 503 ;
504 [label="gini = 0.0\nsamples = 2\nvalue = [0, 0, 0, 2]",
fillcolor="#d739e5"] ;
502 -> 504 ;
505 [label="X[0] <= 1.008\ngini = 0.5\nsamples = 2\nvalue = [1, 0, 0,
1]", fillcolor="#ffffff"] ;
499 -> 505 ;
506 [label="gini = 0.0\nsamples = 1\nvalue = [1, 0, 0, 0]",
fillcolor="#e58139"] ;
505 -> 506 ;
507 [label="gini = 0.0\nsamples = 1\nvalue = [0, 0, 0, 1]",
fillcolor="#d739e5"] ;
505 -> 507 ;
508 [label="gini = 0.0\nsamples = 21\nvalue = [21, 0, 0, 0]",
fillcolor="#e58139"] ;
490 -> 508 ;
}
```