				gini = 0.418 samples = 964 value = [677, 287]				
				X[3] <= 0.5 gini = 0.339 samples = 591 value = [463, 128]	Fais	x[4] <= 4.5 gini = 0.489 samples = 373 value = [214, 159]		
	X[7] <= 3.5 gini = 0.482 samples = 64 value = [38, 26]			X[8] <= 0.5 gini = 0.312 samples = 527 value = [425, 102]		X[8] <= 0.5 gini = 0.471 samples = 292 value = [181, 111]	X[7] <= 4.5 gini = 0.483 samples = 81 value = [33, 48]	
X[1] <= 3.35 gini = 0.427 samples = 42 value = [29, 13]	X[6] <= 3.5 gini = 0.483 samples = 22 value = [9, 13]		X[1] <= 3.795 gini = 0.295 samples = 500 value = [410, 90]	X[1] <= 3.68 gini = 0.494 samples = 27 value = [15, 12]	$X[0] \le 3.5$ $yini = 0.461$	$X[1] \le 2.8$ gini = 0.337 samples = 14 value = [3, 11]	$X[0] \le 2.5$ gini = 0.494 samples = 38 value = [21, 17] $X[1] \le 2.9$ gini = 0.402 samples = 43 value = [12, 31]	
X[0] <= 2.5 gini = 0.42 samples = 10 value = [3, 7] $X[2] <= 1.5gini = 0.305samples = 32value = [26, 6]$ $x[1] <= 3yalue = [26, 6]$	X[2] <= 3.5 0.444 0.44	X[4] <= 2.5 gini = 0.266 samples = 406 value = [342, 64]	X[2] <= 3.5 gini = 0.4 samples = 94 value = [68, 26]	X[1] <= 3.515 gini = 0.469 samples = 16 value = [6, 10]  X[3] <= 1.5 gini = 0.298 samples = 11 value = [9, 2]	X[1] <= 3.05 gini = 0.499 samples = 112 value = [59, 53]  X[1] <= 3.715 gini = 0.406 samples = 166 value = [119, 47]	gini = 0.0 samples = 1 value = [1, 0]  X[1] <= 3.65 gini = 0.26 samples = 13 value = [2, 11]	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 4\\ \text{value} = [4, 0] \end{array}  \begin{array}{c} X[0] <= 3.5\\ \text{gini} = 0.5\\ \text{samples} = 34\\ \text{value} = [17, 17] \end{array}  \begin{array}{c} X[1] <= 3.79\\ \text{gini} = 0.369\\ \text{samples} = 41\\ \text{value} = [2, 0] \end{array}$	
$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [2, 0] \end{array} \\ \begin{array}{c} \text{X[5]} <= 0.5\\ \text{gini} = 0.219\\ \text{samples} = 1\\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} \text{X[6]} <= 3.5\\ \text{gini} = 0.271\\ \text{samples} = 31\\ \text{value} = [26, 5] \end{array} \\ \begin{array}{c} \text{X[6]} <= 1.5\\ \text{gini} = 0.245\\ \text{samples} = 7\\ \text{value} = [6, 1] \end{array} \\ \begin{array}{c} \text{X[6]} <= 2.2\\ \text{gini} = 0.245\\ \text{samples} = 7\\ \text{value} = [6, 1] \end{array}$	$ \begin{array}{c} = 2.0 \\ 0.48 \\ \text{es} = 5 \\ = [2, 3] \end{array} $ $ \begin{array}{c} X[2] <= 1.5 \\ \text{gini} = 0.32 \\ \text{samples} = 5 \\ \text{value} = [1, 4] \end{array} $ $ \begin{array}{c} x[2] <= 1.5 \\ \text{gini} = 0.191 \\ \text{samples} = 215 \\ \text{value} = [192, 23] \end{array} $	X[6] <= 2.5 gini = 0.337 samples = 191 value = [150, 41]	X[6] <= 4.5 gini = 0.498 samples = 45 value = [24, 21] $X[3] <= 4.5gini = 0.183samples = 49value = [44, 5]$	X[2] <= 3.5 y $y$ $y$ $y$ $y$ $y$ $y$ $y$ $y$ $y$	X[3] <= 1.5 gini = 0.5 samples = 104 value = [52, 52] $x[5] <= 0.5gini = 0.367samples = 124value = [94, 30]$	X[3] <= 1.5 gini = 0.482 samples = 42 value = [25, 17] $X[1] <= 3.45gini = 0.408samples = 7value = [2, 5]$ $yini = 0.0samples = 6value = [0, 6]$	X[1] <= 3.775 gini = 0.375 samples = 12 value = [3, 9] $X[2] <= 4.5gini = 0.238samples = 22value = [14, 8]$ $X[2] <= 4.5gini = 0.238samples = 29value = [4, 25]$ $value = [6, 6]$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	X[0] <= 4.0 gini = 0.375 samples = 4 value = [1, 3] $x[2] <= 2.0samples = 2value = [0, 2]$ $x[2] <= 2.0samples = 2value = [0, 2]$ $x[3] <= 2.94samples = 2value = [1, 2]$ $value = [1, 7]$ $value = [1, 7]$	X[3] <= 1.5 $y$	X[0] <= 3.5 gini = 0.463 samples = 33 value = [21, 12] $X[5] <= 0.5gini = 0.375samples = 12value = [3, 9]$ $X[7] <= 4.5gini = 0.153samples = 48value = [44, 4]$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			X[1] <= 3.93 $y_{1} = 0.444$ $y_{2} = 0.444$ $y_{3} = 0.444$ $y_{4} = 0.444$ $y_{5} = 0.444$ $y_{6} = 0.444$ $y_{6}$	
	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0,1] \end{array} \\ \begin{array}{c} \text{X[0]} <= 3.5\\ \text{gini} = 0.5\\ \text{samples} = 1\\ \text{value} = [0,1] \end{array} \\ \begin{array}{c} \text{X[7]} <= 1.5\\ \text{gini} = 0.386\\ \text{samples} = 23\\ \text{value} = [17,6] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.386\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [162,12] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [13,4] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [162,12] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5\\ \text{gini} = 0.128\\ \text{samples} = 17\\ \text{value} = [162,12] \end{array}$	$\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0, 2] \end{array}  \begin{array}{c} \text{X[6]} <= 3.5 \\ \text{gini} = 0.32 \\ \text{samples} = 3 \\ \text{value} = [1, 2] \end{array}  \begin{array}{c} \text{X[2]} <= 2.5 \\ \text{gini} = 0.32 \\ \text{samples} = 185 \\ \text{value} = [148, 37] \end{array}$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} x = 3.21 \\ 0.499 \\ es = 55 \\ = [29, 26] \end{array} $ $ \begin{array}{c} x = 3.5 \\ y = 1.5 \\ y = 1.5$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
gini = 0.0 samples = 6 value = [6, 0] $X[1] <= 3.82$ gini = 0.426 samples = 13 value = [9, 4]	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,  0] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 8\\ \text{value} = [8,  0] \end{array}  \begin{array}{c} \text{X[3]} <= 1.5\\ \text{gini} = 0.48\\ \text{samples} = 15\\ \text{value} = [9,  6] \end{array}  \begin{array}{c} \text{X[4]} <= 1.5\\ \text{gini} = 0.165\\ \text{samples} = 11\\ \text{value} = [10,  1] \end{array}  \begin{array}{c} \text{X[4]} <= 1.5\\ \text{gini} = 0.087\\ \text{samples} = 132\\ \text{value} = [126,  6] \end{array}$	X[1] <= 3.425 $gini = 0.245$ $samples = 42$ $value = [36, 6]$ $yalue = [36, 6]$ $x[1] <= 3.425$ $yalue = [0, 2]$ $x[1] <= 3.375$ $yalue = [0, 2]$ $x[1] <= 3.375$ $yalue = [0, 2]$ $x[1] <= 3.375$ $yalue = [0, 2]$ $yalue = [0, 2]$ $yalue = [13, 8]$	$ \begin{array}{c} X[4] <= 2.5 \\ \text{gini} = 0.391 \\ \text{samples} = 15 \\ \text{value} = [11,  4] \end{array} \begin{array}{c} X[1] <= 3.805 \\ \text{gini} = 0.397 \\ \text{samples} = 11 \\ \text{value} = [3,  8] \end{array} \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [3,  0] \end{array} \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0,  1] \end{array} \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 17 \\ \text{value} = [17,  0] \end{array} $		$ \begin{array}{c} <=4.5\\ =0.487\\ \text{oles} = 50\\ = [29,21] \end{array} \\ \begin{array}{c} X[2] <= 1.5\\ \text{gini} = 0.426\\ \text{samples} = 13\\ \text{value} = [9,4] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 4.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 4.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 4.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 4.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 4.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 4.5\\ \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [1,0] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{samples} = 1\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [0,2] \end{array} \\ \begin{array}{c} X[2] <= 3.5\\ \text{value} = [$		$ \begin{array}{c} X[1] <= 3.05 \\ \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [1, 2] \end{array} \\ \begin{array}{c} X[3] <= 1.5 \\ \text{gini} = 0.0 \\ \text{samples} = 6 \\ \text{value} = [1, 0] \end{array} \\ \begin{array}{c} X[3] <= 1.5 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array} \\ \begin{array}{c} X[3] <= 1.5 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array} \\ \begin{array}{c} X[3] <= 1.5 \\ \text{gini} = 0.375 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 5 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 5 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.48 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.87 \\ \text{gini} = 0.0 \\ gi$	
$X[4] \le 2.5$ yini = 0.5 yini = 0.0 yini = 0.0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	X[2] <= 2.5 gini = 0.091 samples = 21 value = [20, 1] $X[1] <= 3.475$ gini = 0.219 samples = 8 value = [7, 1] $X[1] <= 3.575$ gini = 0.497 samples = 13 value = [6, 7]	X[5] <= 0.5 gini = 0.42 samples = 30 value = [21, 9] $x[5] <= 0.5gini = 0.463samples = 11value = [7, 4]$ $yalue = [4, 0]$ $x[2] <= 2.5gini = 0.0samples = 6value = [4, 0]$ $yalue = [0, 5]$		$ \begin{array}{c} \text{NI} = 0.0 \\ \text{nples} = 1 \\ \text{le} = [0, 1] \end{array} \\ \begin{array}{c} \text{X}[7] <= 2.5 \\ \text{gini} = 0.375 \\ \text{samples} = 12 \\ \text{value} = [9, 3] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 6 \\ \text{value} = [1, 0] \end{array} \\ \begin{array}{c} \text{X}[3] <= 2.5 \\ \text{gini} = 0.153 \\ \text{samples} = 12 \\ \text{value} = [1, 11] \end{array} \\ \begin{array}{c} \text{X}[7] <= 3.5 \\ \text{gini} = 0.49 \\ \text{samples} = 5 \\ \text{value} = [1, 4] \end{array} \\ \begin{array}{c} \text{X}[7] <= 4.5 \\ \text{gini} = 0.32 \\ \text{samples} = 5 \\ \text{value} = [2, 0] \end{array} \\ \begin{array}{c} \text{X}[7] <= 4.5 \\ \text{gini} = 0.49 \\ \text{samples} = 65 \\ \text{value} = [2, 0] \end{array} \\ \begin{array}{c} \text{X}[9] <= 0.5 \\ \text{gini} = 0.371 \\ \text{samples} = 65 \\ \text{value} = [8, 7] \end{array} \\ \begin{array}{c} \text{Value} = [8, 7] $		$\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0,  2] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0,  3] \end{array}  \begin{array}{c} \text{X[1]} <= 3.65 \\ \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [0,  3] \end{array}  \begin{array}{c} \text{X[2]} <= 4.5 \\ \text{gini} = 0.49 \\ \text{samples} = 5 \\ \text{value} = [0,  5] \end{array}  \begin{array}{c} \text{X[1]} <= 3.82 \\ \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0,  5] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0,  5] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0,  5] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0,  5] \end{array}$	
$X[4] \le 1.5$ gini = 0.32 samples = 5 value = [4, 1] $gini = 0.0samples = 3value = [0, 3]$	$ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array} \\ \begin{array}{c} \text{X[1]} <= 3.315 \\ \text{gini} = 0.408 \\ \text{samples} = 7 \\ \text{value} = [2,  5] \end{array} \\ \begin{array}{c} \text{X[6]} <= 4.5 \\ \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{X[2]} <= 3.5 \\ \text{gini} = 0.5 \\ \text{samples} = 2 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{X[3]} <= 3.59 \\ \text{gini} = 0.5 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{X[3]} <= 3.59 \\ \text{gini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{X[3]} <= 3.59 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{X[3]} <= 3.59 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 32 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{yini} = 0.0 $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} X[1] <= 3.55 \\ \text{gini} = 0.469 \\ \text{samples} = 24 \\ \text{value} = [15, 9] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 6 \\ \text{value} = [6, 0] \end{array} \\ \end{array} \\ \begin{array}{c} X[1] <= 3.825 \\ \text{gini} = 0.494 \\ \text{samples} = 9 \\ \text{value} = [5, 4] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [2, 0] \end{array} \\ \begin{array}{c} X[3] <= 2.5 \\ \text{gini} = 0.48 \\ \text{samples} = 5 \\ \text{value} = [0, 1] \end{array} \\ \begin{array}{c} X[3] <= 2.5 \\ \text{gini} = 0.48 \\ \text{samples} = 5 \\ \text{value} = [3, 2] \end{array} \\ \end{array} $	X[1] <= 3.85 $gini = 0.355$ $samples = 13$ $value = [10, 3]$ $value = [10, 3]$ $Sini = 0.0$ $samples = 3$ $value = [21, 13]$ $Sini = 0.0$ $samples = 3$ $value = [3, 0]$ $Sini = 0.0$ $samples = 3$ $value = [3, 0]$ $Sini = 0.0$ $samples = 3$ $value = [3, 0]$ $Sini = 0.0$ $samples = 3$ $value = [3, 0]$ $Sini = 0.0$ $samples = 3$ $value = [5, 5]$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	X[2] <= 4.5 gini = 0.444 samples = 3 value = [2, 1] $yini = 0.0samples = 2value = [2, 0]$ $yini = 0.0samples = 4value = [2, 2]$ $yini = 0.0samples = 1value = [0, 1]$ $yini = 0.0samples = 1value = [0, 1]$ $yini = 0.0samples = 2value = [0, 3]$		
gini = 0.0  samples = 1  value = [0, 1] $ gini = 0.0  samples = 4  value = [4, 0]$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		X[0] <= 1.5 $y$	X[6] <= 3.5 gini = 0.48 samples = 5 value = [3, 2] $value = [3, 2]$ $X[6] <= 3.5yalue = [3, 2]$ $X[6] <= 3.5yalue = [0, 2]$ $yalue = [0, 2]$ $x[6] <= 3.5yalue = [0, 2]$ $yalue = [0, 2]$ $x[6] <= 3.5yalue = [0, 2]$ $yalue = [0, 2]$ $yalue = [0, 2]$	$ \begin{array}{c} 3.5 \\ 4.69 \\ 8 = 8 \\ [5, 3] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 6 \\ \text{value} = [6, 0] \end{array} $ $ \begin{array}{c} \text{X[6]} <= 4.5 \\ \text{gini} = 0.48 \\ \text{samples} = 5 \\ \text{value} = [1, 1] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0, 2] \end{array} $ $ \begin{array}{c} \text{X[5]} <= 0.5 \\ \text{gini} = 0.5 \\ \text{samples} = 3 \\ \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3] \end{array} $ $ \begin{array}{c} \text{value} = [0, 3] \end{array} $	X[6] <= 4.5 $gini = 0.475$ $samples = 18$ $value = [11, 7]$ $value = [2, 0]$ $gini = 0.0$ $samples = 1$ $value = [0, 1]$ $x[0] <= 4.5$ $gini = 0.0$ $samples = 3$ $value = [1, 0]$ $yalue = [1, 0]$ $yalue = [0, 1]$ $yalue = [0, 1]$ $yalue = [0, 1]$ $yalue = [0, 1]$	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,  0] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0,  1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,  0] \end{array}  \begin{array}{c} \text{X[5]} <= 0.5\\ \text{gini} = 0.5\\ \text{samples} = 4\\ \text{value} = [2,  2] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1,  0] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0,  1] \end{array}$	
	$ \begin{array}{c} X[4] <= 1.5 \\ gini = 0.444 \\ samples = 3 \\ value = [2, 1] \end{array} \\ \begin{array}{c} X[5] <= 0.5 \\ gini = 0.0 \\ samples = 2 \\ value = [0, 1] \end{array} \\ \begin{array}{c} X[1] <= 3.265 \\ gini = 0.0 \\ samples = 2 \\ value = [4, 1] \end{array} \\ \begin{array}{c} X[5] <= 0.5 \\ gini = 0.0 \\ samples = 23 \\ value = [23, 0] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.444 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.159 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 23 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ samples = 3 \\ value = [21, 2] \end{array} \\ \begin{array}{c} X[1] <= 3.675 \\ gini = 0.0 \\ sa$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$ \begin{array}{c} X[4] <= 2.5 \\ \text{gini} = 0.5 \\ \text{samples} = 4 \\ \text{value} = [2, 2] \end{array} \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array} \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [7, 0] \end{array} \\ \begin{array}{c} X[1] <= 3.585 \\ \text{gini} = 0.477 \\ \text{samples} = 28 \\ \text{value} = [4, 0] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0, 2] \end{array} \begin{array}{c} X[1] <= 3.685 \\ \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [4, 0] \end{array} $	3.85 0.278 0.289 0.	X[3] <= 1.5 gini = 0.32 samples = 5 value = [1, 4] $X[7] <= 2.5gini = 0.0samples = 1value = [0, 1]$ $X[1] <= 3.93gini = 0.5samples = 1value = [0, 1]$ $x[1] <= 3.93yalue = [0, 1]$	$X[1] \le 3.4$ gini = 0.444 samples = 3 value = [1, 2] $yini = 0.0$ samples = 1 value = [1, 0]	
	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [2, 0] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{gini} = $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		X[2] <= 2.5 $X[7] <= 2.5$ $X[7] <= 2.5$ $X[2] <= 2.5$			$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0, 1] \end{array}$ $\begin{array}{c} \text{gini} = 0.5\\ \text{samples} = 2\\ \text{value} = [1, 1] \end{array}$	
	X[2] <= 3.5 gini = 0.375 samples = 4 value = [3, 1] $yini = 0.0samples = 18value = [18, 0]$	$ \begin{array}{c} X[2] <= 1.5 \\ \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [1, 2] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [1, 2] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [2, 1] \end{array} \\ \begin{array}{c} \text{value} = [2, 1] \end{array} \\ \begin{array}$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
	$X[7] \le 1.5$ $gini = 0.5$ $samples = 2$ $value = [1, 1]$ $gini = 0.0$ $samples = 2$ $value = [2, 0]$			X[1] <= 3.225 gini = 0.5 samples = 4 value = [2, 2] $value = [3, 2]$ $X[0] <= 2.5gini = 0.298samples = 11value = [9, 2]$ $X[0] <= 2.5gini = 0.32samples = 5value = [1, 4]$ $value = [3, 2]$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	X[7] <= 4.5 A[7] <= 4.5 A[7] <= 4.5 A[7] <= 4.5 A[7] <= 3.4 A[7]		
	$\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array} \qquad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array}$		X[7] <= 3.5 gini = 0.198 samples = 9 value = [8, 1] $yalue = [8, 1]$ $x[2] <= 3.5gini = 0.0samples = 1value = [1, 0]$ $yalue = [0, 1]$ $gini = 0.0samples = 1value = [0, 1]$ $gini = 0.0samples = 1value = [0, 1]$	$ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array} \\ \begin{array}{c} \text{X[0]} <= 2.5 \\ \text{gini} = 0.444 \\ \text{samples} = 3 \\ \text{value} = [1,  2] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0,  1] \end{array} \\ \begin{array}{c} \text{X[1]} <= 3.455 \\ \text{gini} = 0.18 \\ \text{samples} = 10 \\ \text{value} = [0,  1] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [1,  1] \end{array} \\ \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0,  3] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0,  3] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [2,  0] \end{array} \\ \begin{array}{c} \text{yini} = 0.0 \\ \text{samples} = 1 \\ \text{yini} = 0.0 \\ \text{yini} = 0.$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 5 \\ \text{value} = [5, 0] \end{array}  \begin{array}{c} \text{X}[7] <= 4.5 \\ \text{gini} = 0.5 \\ \text{samples} = 2 \\ \text{value} = [1, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [1, 1] \end{array}  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [2, 0] \end{array}$		
		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c c} .0 \\                                  $	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1, 0] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 2\\ \text{value} = [0, 2] \end{array}  \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 4\\ \text{value} = [4, 0] \end{array}  \begin{array}{c} \text{X[2]} <= 3.5\\ \text{gini} = 0.278\\ \text{samples} = 6\\ \text{value} = [5, 1] \end{array}$	$X[6] \le 3.5$ gini = 0.0 samples = 2 value = [2, 0] $gini = 0.5samples = 2value = [1, 1]$ $gini = 0.5samples = 2value = [1, 1]$ $gini = 0.5samples = 2value = [1, 1]$ $value = [4, 2]$	$\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array}$ $\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1] \end{array}$ $\begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0] \end{array}$		
		$ X[0] <= 2.5 \\ gini = 0.5 \\ samples = 2 \\ value = [1, 1] $ $ gini = 0.0 \\ samples = 1 \\ value = [0, 1] $ $ gini = 0.0 \\ samples = 1 \\ value = [1, 0] $ $ gini = 0.0 \\ samples = 1 \\ value = [1, 0] $ $ samples = 1 \\ value = [1, 0] $ $ value = [1, 0] $ $ value = [1, 0] $	X[1] <= 3.3 gini = 0.444 samples = 3 value = [2, 1] $gini = 0.0samples = 1value = [1, 0]$	X[7] <= 3.5 $gini = 0.375$ $samples = 4$ $value = [3, 1]$ $gini = 0.0$ $samples = 2$ $value = [2, 0]$ $gini = 0.0$ $samples = 2$ $value = [1, 0]$	$   \begin{array}{c}                                     $	5 44 = 3 2, 1]		
		$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1, 0] \end{array} \qquad \begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [0, 1] \end{array}$	gini = 0.0 samples = 1 value = [1, 0]	gini = 0.0 samples = 1 value = [1, 0] $X[9] <= 0.5$ gini = 0.444 samples = 3 value = [2, 1]	$\begin{array}{c} \text{gini} = 0.0\\ \text{samples} = 1\\ \text{value} = [1, 0] \end{array}  \begin{array}{c} \text{gini} = 0.5\\ \text{samples} = 2\\ \text{value} = [1, 1] \end{array}  \begin{array}{c} \text{gini} = 0.5\\ \text{samples} = 2\\ \text{value} = [1, 1] \end{array}$	gini = 0.0 samples = 1 value = $[1, 0]$		
			gini = 0.0 samples = 1 value = $[0, 1]$ gini = 0.0 samples = 1 value = $[1, 0]$	$X[1] \le 3.535$ gini = 0.5 samples = 2 value = [1, 1] $yalue = [1, 0]$				
				gini = 0.0 samples = 1 value = [0, 1]  gini = 0.0 samples = 1 value = [1, 0]				