```
X[4766] \le 0.5

gini = 0.11

samples = 103

value = [97, 6]
gini = 0.0

samples = 1

value = [0, 1]
X[28551] \le 0.5

gini = 0.381

samples = 352

value = [262, 90]
gini = 0.0

samples = 4

value = [0, 4]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.475

samples = 98

value = [38, 60]

gini = 0.0

samples = 15

value = [0, 15]
                                                                                                                                                                                                                                                                                                                                                                                                            \begin{array}{c} X[14838] <= 0.5\\ gini = 0.463\\ samples = 1106\\ value = [403, 703] \end{array} \\ \begin{array}{c} yini = 0.159\\ samples = 46\\ value = [4, 42] \end{array} \\ \begin{array}{c} yini = 0.23\\ samples = 98\\ value = [13, 85] \end{array} \\ \begin{array}{c} yini = 0.444\\ samples = 98\\ value = [2, 1] \end{array} \\ \begin{array}{c} yini = 0.405\\ samples = 96\\ value = [2, 1] \end{array} \\ \begin{array}{c} yini = 0.0\\ samples = 96\\ value = [45, 100] \end{array} \\ \begin{array}{c} yini = 0.0\\ samples = 96\\ value = [30, 104] \end{array} \\ \begin{array}{c} yini = 0.0\\ samples = 10.0\\ samples = 20.0\\ samples = 10.0\\ sam
                                                        X[7601] \le 0.5

gini = 0.157

samples = 5012

value = [431, 4581]
gini = 0.499

samples = 21

value = [10, 11]
                                                       X[3215] \le 2.5

gini = 0.086

samples = 3339

value = [151, 3188]
gini = 0.444

samples = 3

value = [2, 1]
                                                                                                 \begin{array}{c} X[13166] <= 0.5 \\ gini = 0.148 \\ samples = 4301 \\ value = [347, 3954] \end{array}  \qquad \begin{array}{c} gini = 0.32 \\ samples = 5 \\ value = [4, 1] \end{array}  \qquad \begin{array}{c} X[24465] <= 0.5 \\ gini = 0.271 \\ samples = 210 \\ value = [34, 176] \end{array}  \qquad \begin{array}{c} gini = 0.0 \\ samples = 3 \\ value = [3, 0] \end{array} 
                                                                                             \begin{bmatrix} X[22435] <= 0.5 \\ gini = 0.145 \\ samples = 4290 \\ value = [337, 3953] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 199 \\ value = [337, 3953] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 199 \\ value = [35, 1711] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [29, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [35, 1711] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [29, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [35, 1711] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [29, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [29, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [329, 576] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [329, 576] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [329, 576] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 19 \\ value = [430, 277] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 15 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ sini = 0.165 \\ samples = 3 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 265] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 20] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 10 \\ value = [20, 20] \end{bmatrix}  \begin{bmatrix} gin
                                                                                                                                                                                                                                                                                                                                                                                                        samples = 282
value = [17, 265] samples = 1
value = [1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             \begin{bmatrix} \text{samples} = 1561 \\ \text{value} = [61, 1500] \end{bmatrix} \quad \begin{bmatrix} \text{samples} = 1 \\ \text{value} = [1, 0] \end{bmatrix} \quad \begin{bmatrix} \text{samples} = 250 \\ \text{value} = [238, 12] \end{bmatrix} \quad \begin{bmatrix} \text{samples} = 1 \\ \text{value} = [0, 1] \end{bmatrix} \quad \begin{bmatrix} \text{samples} = 3 \\ \text{value} = [135, 3180] \end{bmatrix} \quad \begin{bmatrix} \text{samples} = 3 \\ \text{value} = [2, 1] \end{bmatrix}
 \begin{bmatrix} X[23371] <= 0.5 \\ gini = 0.138 \\ samples = 4256 \\ value = [317, 3939] \end{bmatrix}  \begin{bmatrix} gini = 0.5 \\ gini = 0.164 \\ samples = 12 \\ value = [17, 172] \end{bmatrix}  \begin{bmatrix} gini = 0.444 \\ samples = 3 \\ value = [2, 1] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1742 \\ value = [31, 1711] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1645 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} X[3638] <= 0.5 \\ gini = 0.013 \\ samples = 3698 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [2, 1] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [1, 0] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [2, 1] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [2, 1] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 1 \\ value = [2, 1] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ value = [25, 3673] \end{bmatrix}  \begin{bmatrix} gini = 0.0 \\ samples = 3698 \\ valu
                                                                                                                                                                                                                                                                                                                                                         X[30264] \le 0.5

gini = 0.381

samples = 125

value = [32, 93]
gini = 0.0

samples = 13

value = [0, 13]
                                                                                                                                                                                                                                                                                                                                                                                                                        X[13605] \le 0.5

gini = 0.35

samples = 115

value = [26, 89]
gini = 0.48

samples = 10

value = [6, 4]
```