```
x[311] \le -0.042
gini = 0.224
                                                                                                                                                                            samples = 609
                                                                                                                                                               value = [20, 535, 15, 28, 11]
                                                                                                                                             x[412] <= 0.5
gini = 0.444
                                                                                                                                                                                                        x[314] \le 0.036

gini = 0.215

samples = 603
                                                                                                                                               samples = 6
                                                                                                                                       value = [0, 2, 4, 0, 0] | value = [20, 533, 11, 28, 11]
                                                                               x[189] \le -0.062

gini = 0.444

samples = 3

value = [0, 2, 1, 0, 0]
                                                                                                                                                                                           x[312] \le 0.012

gini = 0.21

samples = 601

value = [18, 533, 11, 28, 11]
                                                                                                                                                                                                                                                                               gini = 0.0
                                                                                                                                                 gini = 0.0
                                                                                                                                      samples = 3
value = [0, 0, 3, 0, 0]
                                                                                                                                                                                                                                                                    samples = 2
value = [2, 0, 0, 0, 0]
                                                                                                                                                                                            x[279] \le 0.018
                                                                                                                                                                                                                                                gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0]
                                    \begin{array}{c|c} gini = 0.0 \\ samples = 1 \\ value = [0, 0, 1, 0, 0] \end{array} \qquad \begin{array}{c} gini = 0.0 \\ samples = 2 \\ value = [0, 2, 0, 0, 0] \end{array}
                                                                                                                                                                                                gini = 0.205
                                                                                                                                                                                              samples = 599
                                                                                                                                                                                value = [16, 533, 11, 28, 11]
                                                                                                                                            x[313] \le 0.031

gini = 0.199

samples = 597

value = [14, 533, 11, 28, 11]
                                                                                                                                                                                                                                  gini = 0.0
                                                                                                                                                                                                                                 samples = 2
                                                                                                                                                                                                                     value = [2, 0, 0, 0, 0]
                                                                                                                           x[329] \le 0.001
gini = 0.194
                                                                                                                                                                                                  gini = 0.0
                                                                                                                                                                                                samples = 2
                                                                                                                              samples = 595
                                                                                                                                                                                      value = [2, 0, 0, 0, 0]
                                                                                                               value = [12, 533, 11, 28, 11]
                                                                                           x[198] <= -0.087
gini = 0.189
                                                                                                                                                                 gini = 0.0
samples = 2
                                                                                 samples = 593
value = [12, 533, 11, 26, 11]
                                                                                                                                                        value = [0, 0, 0, 2, 0]
                                                            x[189] <= -0.115
gini = 0.625
                                                                                                                                                     x[281] \le -0.0
gini = 0.181
samples = 589
                                                                   samples = 4
                                                                                                                                        value = [12, 532, 9, 25, 11]
                                                          | value = [0, 1, 2, 1, 0]
gini = 0.0

samples = 2

value = [0, 0, 2, 0, 0]
x[319] <= 0.001
gini = 0.5

samples = 2

value = [0, 1, 0, 1, 0]
                                                                                                                                                                                                                               x[86] \le 0.5

gini = 0.176

samples = 586

value = [12, 531, 9, 23, 11]
                                                                                                                                                 x[281] <= -0.005
gini = 0.444
                                                                                                                                                         samples = 3
                                                                                                                                               value = [0, 1, 0, 2, 0]
                                                                                                                                                                                                                              x[201] <= -0.129

gini = 0.169

samples = 579

value = [12, 527, 9, 20, 11]
x[207] <= -0.109

gini = 0.49

samples = 7

value = [0, 4, 0, 3, 0]
 \begin{array}{c|c} gini = 0.0 \\ samples = 1 \\ value = [0, 1, 0, 0, 0] \end{array} \quad \begin{array}{c|c} gini = 0.0 \\ samples = 1 \\ value = [0, 0, 0, 1, 0] \end{array} \quad \begin{array}{c|c} gini = 0.0 \\ samples = 1 \\ value = [0, 1, 0, 0, 0] \end{array} \quad \begin{array}{c|c} gini = 0.0 \\ samples = 1 \\ value = [0, 1, 0, 0, 0] \end{array} \quad \begin{array}{c|c} gini = 0.0 \\ samples = 2 \\ value = [0, 0, 0, 2, 0] \end{array} 
                                                                                                                                                                                                                               x[294] \le -0.045

gini = 0.167

samples = 578

value = [12, 527, 8, 20, 11]
                                                                                                                                                                                                                                                                                                           x[71] \le 0.5
gini = 0.32
                                                                                                                                                                                 gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                   gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                  samples = 2
                                                                                                                                                                                                                                                                                                 samples = 5
value = [0, 4, 0, 1, 0]
                                                                                                                                                                        value = [0, 0, 1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                          value = [0, 0, 0, 2, 0]
                                                                                                                                                                                                                                         x[292] \le -0.045
                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
samples = 1
                                                                                                                                                                                 gini = 0.0

samples = 1
                                                                                                                                                                                                                                                                                                              gini = 0.0
                                                                                                                                                                                                                             gini = 0.164
samples = 577
value = [12, 527, 7, 20, 11]
                                                                                                                                                                                                                                                                                                samples = 4 samples = 1 value = [0, 4, 0, 0, 0] value = [0, 0, 0, 1, 0]
                                                                                                                                                                        | value = [0, 0, 1, 0, 0] |
                                                                                                                                                                                                                                                            x[290] \le -0.013

gini = 0.161

samples = 576

value = [12, 527, 6, 20, 11]
                                                                                                                                                                                                      gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0]
                                                                                                                                                                                                                                                                                           x[160] \le 0.002

gini = 0.158

samples = 575

value = [12, 527, 5, 20, 11]
                                                                                                                                                                                                                                                 gini = 0.0
                                                                                                                                                                                                                                     samples = 1
value = [0, 0, 1, 0, 0]
                                                                                                                                                                                                                                                                        x[283] <= -0.002
gini = 0.155
samples = 574
                                                                                                                                                                                                                                                                                                                                            gini = 0.0
                                                                                                                                                                                                                                                                                                                                           samples = 1
                                                                                                                                                                                                                                                                                                                                 value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                             value = [12, 527, 5, 20, 10]
                                                                                                                                                                                                                                                                                                     x[284] <= -0.005
gini = 0.152
                                                                                                                                                                                                                                  gini = 0.0

samples = 1

value = [0, 0, 0, 0, 1]

gini = 0.152

samples = 573

value = [12, 527, 5, 20, 9]
                                                                                                                                                                                                                                                                                                                          x[175] \le -0.144

gini = 0.149

samples = 572

value = [12, 527, 5, 20, 8]
                                                                                                                                                                                                                                                                    gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                        x[276] \le 0.018

gini = 0.146

samples = 571

value = [11, 527, 5, 20, 8]
                                                                                                                                                                                                                                                                                                 gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                           x[196] \le -0.155

gini = 0.143

samples = 570

value = [10, 527, 5, 20, 8]
                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                         x[195] \le -0.141

gini = 0.14

samples = 569

value = [9, 527, 5, 20, 8]
                                                                                                                                                                                                                                                                                                    gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                      x[325] \le 0.005

gini = 0.137

samples = 568

value = [8, 527, 5, 20, 8]
                                                                                                                                                                                                                                                                                                                                 gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                          x[189] \le -0.143

gini = 0.135

samples = 567

value = [8, 527, 5, 19, 8]
                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                       x[206] \le -0.14

gini = 0.132

samples = 566

value = [8, 527, 5, 18, 8]
                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                   x[156] \le -0.152

gini = 0.129

samples = 565

value = [8, 527, 5, 17, 8]
                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                x[275] \le -0.002

gini = 0.126

samples = 564

value = [8, 527, 5, 16, 8]
                                                                                                                                                                                                                                                                                                                                                                                           gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               x[194] \le -0.148

gini = 0.123

samples = 563

value = [8, 527, 5, 15, 8]
                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x[171] \le -0.154

gini = 0.12

samples = 562

value = [8, 527, 5, 14, 8]
                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          x[323] \le 0.0

gini = 0.117

samples = 561

value = [8, 527, 5, 13, 8]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        x[312] \le 0.0

gini = 0.469

samples = 8

value = [0, 5, 0, 3, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                x[61] \le 0.5

gini = 0.108

samples = 553

value = [8, 522, 5, 10, 8]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        x[179] \le -0.059

gini = 0.48

samples = 5

value = [0, 2, 0, 3, 0]
                                                                                                                                                                                                                                                                 x[183] <= -0.021
gini = 0.099
samples = 546
value = [7, 518, 4, 10, 7]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        x[172] \le 0.007
gini = 0.612
samples = 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | value = [1, 4, 1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          x[194] <= -0.005

gini = 0.32

samples = 5

value = [1, 4, 0, 0, 0]
x[191] <= -0.027

gini = 0.5

samples = 2

value = [0, 0, 1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              x[202] \le -0.149

gini = 0.375

samples = 4

value = [0, 1, 0, 3, 0]
                                                                                                                                                                                                                                                                x[168] \le -0.128

gini = 0.093

samples = 541

value = [7, 515, 3, 10, 6]
                                                                                                                            x[434] \le 0.5

gini = 0.56

samples = 5

value = [0, 3, 1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                           x[174] \le -0.026

gini = 0.375

samples = 4

value = [0, 3, 1, 0, 0]
                                                                                                                                                                                                                                       x[310] \le 0.0

gini = 0.56

samples = 5

value = [0, 3, 1, 1, 0]
x[295] \le -0.04

gini = 0.087

samples = 536

value = [7, 512, 2, 9, 6]
                                                                                                                                                                                                                                                                                                                                                                                                                    x[315] \le 0.003

gini = 0.5

samples = 2

value = [1, 1, 0, 0, 0]
                                                                     gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
samples = 3
value = [0, 0, 0, 3, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gini = 0.0
samples = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            value = [0, 3, 0, 0, 0]
                                                                                                                                                                                   x[196] \le -0.064

gini = 0.375

samples = 4

value = [0, 3, 0, 1, 0]
                                                                                                                                                                                                                                                                                                 x[397] \le 0.5

gini = 0.5

samples = 2

value = [0, 1, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                    x[177] \le -0.141

gini = 0.084

samples = 534

value = [7, 511, 2, 9, 5]
                                                                                                                                                                                                                                        gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0]
                                                                     gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0]
                                                                                                                           gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0

samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                             samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                     value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                             x[155] \le -0.138

gini = 0.08

samples = 532

value = [7, 510, 2, 9, 4]
                                                                                                                                                                                                                                                                                                                                                                 x[432] \le 0.5
gini = 0.5
samples = 2
                                                                                                                          \begin{array}{c|c} gini = 0.0 \\ samples = 1 \\ value = [0, 0, 0, 1, 0] \end{array} \qquad \begin{array}{c} gini = 0.0 \\ samples = 3 \\ value = [0, 3, 0, 0, 0] \end{array}

gini = 0.0 

samples = 1

                                                                                                                                                                                                                                        gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                 value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                          | value = [0, 1, 0, 0, 1] |
                                                                                                                                                                                                                                                                                                                                                                                                             \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 0, 0, 0, 1] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1, 0, 0, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       x[296] \le 0.052

gini = 0.074

samples = 528

value = [5, 508, 2, 9, 4]
x[287] \le 0.05

gini = 0.5

samples = 2

value = [1, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                           gini = 0.0

samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                  value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                 x[194] <= -0.125

gini = 0.071

samples = 526

value = [4, 507, 2, 9, 4]
x[167] <= -0.058

gini = 0.5

samples = 2

value = [1, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1, 0, 0, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                        x[194] <= -0.129

gini = 0.346

samples = 9

value = [0, 7, 0, 2, 0]
x[310] <= -0.034

gini = 0.064

samples = 517

value = [4, 500, 2, 7, 4]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [1, 0, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1, 0, 0, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                 x[441] <= 0.5

gini = 0.444

samples = 3

value = [0, 2, 1, 0, 0]
x[165] <= -0.13

gini = 0.061

samples = 514

value = [4, 498, 1, 7, 4]
                                                                                                                                                                                                                                                                                                    gini = 0.0

samples = 7

value = [0, 7, 0, 0, 0]

gini = 0.0

samples = 2

value = [0, 0, 0, 2, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          x[165] <= -0.132

gini = 0.444

samples = 3

value = [0, 2, 0, 1, 0]
x[200] <= -0.135

gini = 0.058

samples = 511

value = [4, 496, 1, 6, 4]
                                                                                                                                                                                                                                                                                                                                                            \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0, 2, 0, 0, 0] \end{array} \qquad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 0, 1, 0, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    x[200] <= -0.142

gini = 0.444

samples = 3

value = [0, 2, 0, 1, 0]
x[285] <= -0.0

gini = 0.054

samples = 508

value = [4, 494, 1, 5, 4]
                                                                                                                                                                                                                                                                                                                                                                                                                     \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0, 2, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 0, 0, 1, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            x[285] <= -0.0

gini = 0.34

samples = 10

value = [1, 8, 0, 1, 0]
x[317] <= 0.03

gini = 0.047

samples = 498

value = [3, 486, 1, 4, 4]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 2 \\ \text{value} = [0, 2, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 0, 0, 1, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x[176] <= -0.139

gini = 0.044

samples = 494

value = [2, 483, 1, 4, 4]
x[316] <= 0.016

gini = 0.375

samples = 4

value = [1, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                x[64] \le 0.5
gini = 0.198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       samples = 9
value = [1, 8, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             x[176] \le -0.139

gini = 0.375

samples = 4

value = [0, 3, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 x[305] <= -0.0

gini = 0.04

samples = 490

value = [2, 480, 1, 4, 3]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | value = [0, 8, 0, 0, 0] | value = [1, 0, 0, 0, 0] |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     x[50] <= 0.5

gini = 0.375

samples = 4

value = [0, 3, 0, 0, 1]
x[190] <= -0.059

gini = 0.037

samples = 486

value = [2, 477, 1, 4, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            samples = 1
value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              x[190] <= -0.066

gini = 0.255

samples = 14

value = [1, 12, 1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x[192] \le -0.09

gini = 0.029

samples = 472

value = [1, 465, 0, 4, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x[175] \le -0.049

gini = 0.142

samples = 13

value = [0, 12, 1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       x[192] <= -0.105

gini = 0.172

samples = 21

value = [0, 19, 0, 2, 0]
x[158] <= -0.064

gini = 0.022

samples = 451

value = [1, 446, 0, 2, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  x[172] <= -0.025

gini = 0.18

samples = 10

value = [1, 9, 0, 0, 0]
x[196] <= -0.073

gini = 0.018

samples = 441

value = [0, 437, 0, 2, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x[415] \le 0.5

gini = 0.095

samples = 20

value = [0, 19, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
samples = 12
value = [0, 12, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     x[192] \le -0.115

gini = 0.219

samples = 8

value = [0, 7, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          x[196] <= -0.075

gini = 0.133

samples = 14

value = [0, 13, 0, 0, 1]
x[441] <= 0.5

gini = 0.014

samples = 427

value = [0, 424, 0, 2, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gini = 0.0
samples = 12
value = [0, 12, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
samples = 9
value = [0, 9, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x[192] \le -0.118

gini = 0.375

samples = 4

value = [0, 3, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x[185] \le -0.03

gini = 0.056

samples = 70

value = [0, 68, 0, 2, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     x[406] \le 0.5

gini = 0.006

samples = 357

value = [0, 356, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.0
samples = 4
value = [0, 4, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
samples = 13
value = [0, 13, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x[185] \le -0.04

gini = 0.245

samples = 7

value = [0, 6, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x[193] \le -0.053

gini = 0.031

samples = 63

value = [0, 62, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    x[50] \le 0.5

gini = 0.011

samples = 173

value = [0, 172, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 0, 0, 1, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
samples = 184
value = [0, 184, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             x[193] \le -0.056

gini = 0.142

samples = 13

value = [0, 12, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     x[51] <= 0.5
gini = 0.014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
samples = 50
value = [0, 50, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
samples = 34
value = [0, 34, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
samples = 6
value = [0, 6, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          value = [0, 138, 0, 0, 1] value = [0, 34, 0, 0, 0] value = [0, 6, 0, 0, 0] value = [0, 6, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x[52] \le 0.5
gini = 0.019
samples = 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 33
value = [0, 33, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 12 \\ \text{value} = [0, 12, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 0, 0, 1, 0] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                x[170] \le -0.002

gini = 0.023

samples = 85

value = [0, 84, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
samples = 21
value = [0, 21, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            x[53] \le 0.5

gini = 0.028

samples = 70

value = [0, 69, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gini = 0.0
samples = 15
value = [0, 15, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x[48] \le 0.5
gini = 0.034
samples = 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gini = 0.0

samples = 13

value = [0, 13, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x[163] \le -0.006

gini = 0.042

samples = 47

value = [0, 46, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.0
samples = 10
value = [0, 10, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                x[168] \le -0.024

gini = 0.049

samples = 40

value = [0, 39, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 7
value = [0, 7, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x[46] <= 0.5
gini = 0.059
samples = 33
value = [0, 32, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
samples = 7
value = [0, 7, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          x[54] \le 0.5
gini = 0.074
samples = 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
samples = 7
value = [0, 7, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                value = [0, 25, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x[161] <= -0.03

gini = 0.095

samples = 20

value = [0, 19, 0, 0, 1]
gini = 0.0

samples = 6

value = [0, 6, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                x[162] \le -0.037

gini = 0.117

samples = 16

value = [0, 15, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
samples = 4
value = [0, 4, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 3 \\ \text{value} = [0, 3, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{x}[159] <= -0.039 \\ \text{gini} = 0.142 \\ \text{samples} = 13 \\ \text{value} = [0, 12, 0, 0, 1] \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         x[43] \le 0.5

gini = 0.18

samples = 10

value = [0, 9, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              x[286] \le -0.0

gini = 0.219

samples = 8

value = [0, 7, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        x[65] \le 0.5

gini = 0.278

samples = 6

value = [0, 5, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                x[183] \le -0.003

gini = 0.32

samples = 5

value = [0, 4, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         x[160] \le -0.06

gini = 0.375

samples = 4

value = [0, 3, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     x[305] <= -0.0

gini = 0.444

samples = 3

value = [0, 2, 0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        \begin{array}{c} \text{gini} = 0.0 \\ \text{samples} = 1 \\ \text{value} = [0, 1, 0, 0, 0] \end{array} \quad \begin{array}{c} \text{gini} = 0.5 \\ \text{samples} = 2 \\ \text{value} = [0, 1, 0, 0, 1] \end{array}
```