```
value = [86, 92, 92]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         \ False
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     True /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           X[607] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        X[789] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.033
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        value = [85, 33, 92]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [1, 59, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           X[739] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            X[69] \le 1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           gini = 0.506
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         samples = 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           \overline{\text{samples}} = 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 126
value = [59, 1, 66]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [0, 59, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        value = [26, 32, 26]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           X[588] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            X[125] \le 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     X[661] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gini = 0.278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             samples = 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     samples = 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             samples = 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          value = [0, 9, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  value = [26, 23, 26]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         value = [54, 1, 65]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            value = [5, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 X[480] \le 0.5
gini = 0.278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      X[49] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    X[456] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gini = 0.66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      samples = 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              samples = 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      samples = 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     samples = 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            value = [4, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   value = [0, 4, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  value = [26, 19, 26]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  value = [49, 1, 64]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               value = [5, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       X[567] \le 0.5
gini = 0.646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     X[962] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        X[480] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      samples = 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               value = [5, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      value = [0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   value = [26, 14, 25]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [49, 0, 64]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    value = [0, 5, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         X[575] \le 2.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                         X[959] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   samples = 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     value = [0, 0, 3]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 value = [0, 5, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [0, 3, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [26, 11, 25]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        value = [49, 0, 61]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            X[393] \le 0.5
gini = 0.496
                                                                                                                                                                                                                                                                                                                                                                                                                                                         X[488] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            samples = 108
                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     value = [0, 2, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        value = [0, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           value = [49, 0, 59]
                                                                                                                                                                                                                                                                                                                                                                                                                                                        value = [26, 9, 25]
                                                                                                                                                                                                                                                                                                                                                                                                                                                        X[762] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                X[951] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gini = 0.497
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 2
value = [0, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     samples = 3
value = [3, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                       samples = 57
value = [23, 9, 25]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             samples = 106
value = [49, 0, 57]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     X[69] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                        X[943] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         X[49] \le 1.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.602
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      samples = 55
value = [23, 7, 25]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                samples = 14
value = [9, 0, 5]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     value = [0, 2, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       value = [40, 0, 52]
                                                                                                                                                                                                                                                                                                                                                                                                                                    X[931] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             X[255] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     X[417] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   samples = 4
                                                                                                                                                                                                                                                                                                                                                                                                                                 samples = 51
value = [23, 7, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 90
value = [40, 0, 50]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     samples = 12
value = [7, 0, 5]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               value = [2, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                value = [0, 0, 4]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         value = [0, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                    X[89] <= 0.5
gini = 0.586
samples = 49
value = [23, 5, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       X[112] \le 0.5
gini = 0.496
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               X[312] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gini = 0.0
samples = 1
value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.496
samples = 88
value = [40, 0, 48]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 2
value = [0, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 2
value = [0, 2, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       samples = 11
value = [6, 0, 5]
                                                                                                                                                                                                                                                                                                                                                                                           X[922] \le 0.5
gini = 0.572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    X[902] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              X[74] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                         samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          samples = 1
                                                                                                                                                                                                                                                                                                                                                                                        samples = 48
value = [23, 4, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 87
value = [39, 0, 48]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 10
value = [5, 0, 5]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                       value = [0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                           X[757] \le 0.5
gini = 0.557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 X[47] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       X[753] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.5
samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gini = 0.493
                                                                                                                                                                                                                                                                                                                                                                                                                         samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       samples = 8
value = [4, 0, 4]
                                                                                                                                                                                                                                                                                                                                                                                           samples = 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 samples = 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                       value = [0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                         value = [23, 3, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                                              value = [38, 0, 48]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     X[13] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                           X[298] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                             X[692] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
samples = 1
value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                           gini = 0.492
samples = 85
value = [37, 0, 48]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.5
samples = 6
value = [3, 0, 3]
                                                                                                                                                                                                                                                                                                                                                                                             gini = 0.54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                samples = 2 value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                         samples = 1
                                                                                                                                                                                                                                                                                                                                                                                            samples = 46
                                                                                                                                                                                                                                                                                                                                                                                                                       value = [0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                         value = [23, 2, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    X[32] \le 0.5
gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                           X[358] \le 0.5
gini = 0.52
                                                                                                                                                                                                                                                                                                                                                                                                                                                   X[413] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                         gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 84
value = [36, 0, 48]
                                                                                                                                                                                                                                                                                                                                                                                        samples = 45
value = [23, 1, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   samples = 4 value = [2, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                       value = [0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                       X[925] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                             X[469] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                        gini = 0.499
                                                                                                                                                                                                                                                                                                                                                                                                                                              gini = 0.488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                     samples = 1
                                                                                                                                                                                                                                                                                                                                                                    samples = 44
value = [23, 0, 21]
                                                                                                                                                                                                                                                                                                                                                                                                                                              samples = 83
                                                                                                                                                                                                                                                                                                                                                                                                    value = [0, 1, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                           value = [35, 0, 48]
                                                                                                                                                                                                                                                                                                                                               X[35] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                          X[539] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                     X[325] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                   gini = 0.485
samples = 82
value = [34, 0, 48]
                                                                                                                                                                                                                                                                                                                                              gini = 0.492
                                                                                                                                                                                                                                                                                                                                                                             gini = 0.32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    samples = 1
                                                                                                                                                                                                                                                                                                                                                                        samples = 5 value = [1, 0, 4]
                                                                                                                                                                                                                                                                                                                                               samples = 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                            value = [22, 0, 17]
                                                                                                                                                                                                                                                                                                                   X[125] \le 0.5
gini = 0.497
                                                                                                                                                                                                                                                                                                                                                                                                                                 X[857] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                             gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.5
samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.487
                                                                                                                                                                                                                                                                                                                                                samples = 2
                                                                                                                                                                                                                                                                                                                                                                            samples = 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                samples = 1
                                                                                                                                                                                                                                                                                                                   samples = 37
                                                                                                                                                                                                                                                                                                                                                                                                                                  samples = 81
                                                                                                                                                                                                                                                                                                                                              value = [2, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                         value = [0, 0, 3]
                                                                                                                                                                                                                                                                                                                                                                                                    value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                             value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                value = [20, 0, 17]
                                                                                                                                                                                                                                                                                                                                                                                                                                value = [34, 0, 47]
                                                                                                                                                                                                                                                                                                 X[591] \le 0.5

gini = 0.49

samples = 35

value = [20, 0, 15]
                                                                                                                                                                                                                                                                                                                                                                                                     X[850] \le 0.5
gini = 0.489
                                                                                                                                                                                                                                                                                                                                  gini = 0.0

samples = 2
                                                                                                                                                                                                                                                                                                                                                                                                                                    gini = 0.0

samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                      samples = 80
                                                                                                                                                                                                                                                                                                                                                                                                                                value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                value = [0, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                    value = [34, 0, 46]
                                                                                                                                                                                                                                                                                                                                                                                                                  X[488] <= 0.5
gini = 0.5
samples = 24
value = [12, 0, 12]
                                                                                                                                                                                                                                                                                                  X[239] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                       X[972] \le 0.5
                                                                                                                                                                                                                                                                                                                               gini = 0.0
samples = 2
value = [2, 0, 0]
                                                                                                                                                                                                                                                                                                gini = 0.496

samples = 33

value = [18, 0, 15]
                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.477
                                                                                                                                                                                                                                                                                                                                                                                     samples = 56
value = [22, 0, 34]
                                                                                                                                                                                                                                                                                                                                                         X[953] <= 0.5
gini = 0.483
samples = 54
value = [22, 0, 32]
                                                                                                                                                                                                                                                                                                  X[740] \le 0.5
gini = 0.499
                                                                                                                                                                                                                                                                                                                                                                                                                    X[779] \le 0.5
                                                                                                                                                                                                                                                                                                                             gini = 0.0
samples = 2
value = [2, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                                           gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                   gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.5
samples = 22
value = [11, 0, 11]
                                                                                                                                                                                                                                                                                                                                                                                       samples = 2
value = [0, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                   samples = 2
                                                                                                                                                                                                                                                                                                   samples = 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                value = [16, 0, 15]
                                                                                                                                                                                                                                                                          X[158] \le 0.5
gini = 0.498
                                                                                                                                                                                                                                                                                                                                          X[449] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                X[638] \le 0.5
                                                                                                                                                                                                                                                                                                                                                                        gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                               gini = 0.5
                                                                                                                                                                                                                                                                                                         gini = 0.0
                                                                                                                                                                                                                                                                                                                                           gini = 0.486
                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                              samples = 2
                                                                                                                                                                                                                                                                                                         samples = 1
                                                                                                                                                                                                                                                                                                                                                                        samples = 1
                                                                                                                                                                                                                                                                                                                                          samples = 53
                                                                                                                                                                                                                                                                           samples = 30
                                                                                                                                                                                                                                                                                                                                                                                                                samples = 20
                                                                                                                                                                                                                                                                                                                                                                                                                                           value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                      value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                      value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                       value = [22, 0, 31]
                                                                                                                                                                                                                                                                        value = [16, 0, 14]
                                                                                                                                                                                                                                                                                                                                                                                                             value = [10, 0, 10]
                                                                                                                                                                                                                                                                                                                                                                                          X[953] \le 0.5

gini = 0.5

samples = 18

value = [9, 0, 9]
                                                                                                                                                                                                                                                                          X[752] \le 0.5
gini = 0.495
                                                                                                                                                                                                                                                                                                                                  X[199] <= 0.5
gini = 0.488
samples = 52
value = [22, 0, 30]
                                                                                                                                                                                                                                                                                                                                                                 gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                        gini = 0.5
                                                                                                                                                                                                                                                                                                         gini = 0.0
                                                                                                                                                                                                                                                                                                                                                               samples = 1
value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                      samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                         samples = 1
                                                                                                                                                                                                                                                                        samples = 29
value = [16, 0, 13]
                                                                                                                                                                                                                                                                                                      value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                   X[19] <= 0.5
gini = 0.491
samples = 51
value = [22, 0, 29]
                                                                                                                                                                                                                                                            X[268] \le 0.5
gini = 0.49
                                                                                                                                                                                                                                                                                                                                                                             X[367] <= 1.0
gini = 0.5
samples = 16
                                                                                                                                                                                                                                                                                           gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                                                                                                                          gini = 0.5
samples = 2
                                                                                                                                                                                                                                                                                                                                                     samples = 1
                                                                                                                                                                                                                                                             samples = 28
                                                                                                                                                                                                                                                                                        value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                  value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                        value = [1, 0, 1]
                                                                                                                                                                                                                                                           value = [16, 0, 12]
                                                                                                                                                                                                                                                                                                                                                                             value = [8, 0, 8]
                                                                                                                                                                                                                                                                                                                                                                        X[167] <= 1.5
gini = 0.5
samples = 12
                                                                                                                                                                                                                                                                                                           X[445] <= 2.5
gini = 0.493
samples = 50
                                                                                                                                                                                                                                    X[135] \le 0.5
gini = 0.494
                                                                                                                                                                                                                                                                                                                                                                                                    X[120] \le 0.5
gini = 0.5
                                                                                                                                                                                                                                                                                                                                          gini = 0.0
                                                                                                                                                                                                                                                                   gini = 0.0
                                                                                                                                                                                                                                                                                                                                         samples = 1
                                                                                                                                                                                                                                                                  samples = 1
                                                                                                                                                                                                                                     samples = 27
                                                                                                                                                                                                                                                                                                                                                                                                     samples = 4
                                                                                                                                                                                                                                                                value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                      value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                         value = [22, 0, 28]
                                                                                                                                                                                                                                                                                                                                                                        value = [6, 0, 6] | value = [2, 0, 2]
                                                                                                                                                                                                                                  value = [15, 0, 12]
                                                                                                                                                                                                                  X[525] <= 0.5
gini = 0.497
samples = 26
value = [14, 0, 12]
                                                                                                                                                                                                                                                                                X[782] <= 0.5
gini = 0.495
samples = 49
value = [22, 0, 27]
                                                                                                                                                                                                                                                                                                                                              X[887] <= 0.5
gini = 0.5
samples = 10
value = [5, 0, 5]
                                                                                                                                                                                                                                                                                                               gini = 0.0
samples = 1
value = [0, 0, 1]
                                                                                                                                                                                                                                                   gini = 0.0
                                                                                                                                                                                                                                                                                                                                                                           gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                      gini = 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                  gini = 0.5
                                                                                                                                                                                                                                                 samples = 1
value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                        samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                                              samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                                                   samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                X[910] <= 0.5
gini = 0.497
samples = 48
value = [22, 0, 26]
                                                                                                                                                                                                                                                                                                                                         X[813] <= 1.0
gini = 0.5
samples = 8
value = [4, 0, 4]
                                                                                                                                                                                                                    X[893] \le 0.5
                                                                                                                                                                                                                                                                                                               gini = 0.0
samples = 1
value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                       gini = 0.5
samples = 2
                                                                                                                                                                                                                     gini = 0.499
                                                                                                                                                                                                                                                   samples = 1
                                                                                                                                                                                                                  samples = 25
value = [13, 0, 12]
                                                                                                                                                                                                                                                                                                                                                                    value = [1, 0, 1]
                                                                                                                                                                                                                                                value = [1, 0, 0]
                                                                                                                                                                                        X[559] <= 0.5
gini = 0.5
samples = 24
value = [12, 0, 12]
                                                                                                                                                                                                                                                                   X[138] <= 0.5
gini = 0.498
samples = 47
value = [22, 0, 25]
                                                                                                                                                                                                                                                                                                                                        X[566] <= 0.5
gini = 0.5
samples = 6
value = [3, 0, 3]
                                                                                                                                                                                                                         gini = 0.0
samples = 1
                                                                                                                                                                                                                                                                                                  gini = 0.0
samples = 1
value = [0, 0, 1]
                                                                                                                                                                                                                                                                                                                                                                       gini = 0.5
samples = 2
                                                                                                                                                                                                                      value = [1, 0, 0]
                                                                                                                                                                                                                                                                                                                                                                    value = [1, 0, 1]
                                                                                                                                                                              X[382] <= 0.5
gini = 0.5
samples = 22
value = [11, 0, 11]
                                                                                                                                                                                                                                                              X[417] <= 0.5
gini = 0.499
samples = 46
value = [22, 0, 24]
                                                                                                                                                                                                                                                                                                                                          X[329] \le 0.5

gini = 0.5

samples = 4

value = [2, 0, 2]
                                                                                                                                                                                                                                                                                                                                                                    gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                               gini = 0.5
                                                                                                                                                                                                                                                                                                gini = 0.0
                                                                                                                                                                                                           samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                             samples = 1
value = [0, 0, 1]
                                                                                                                                                    X[871] \le 0.5
                                                                                                                                                                                                                                                            X[824] \le 0.5
                                                                                                                                                                                                                                                                                                         X[592] \le 0.5
                                                                                                                                                                                  gini = 0.5
samples = 2
                                                                                                                                                                                                                                                                                                                                                                      gini = 0.5

samples = 2
                                                                                                                                                                                                                                                                                                                                            gini = 0.5
                                                                                                                                                 gini = 0.5
samples = 20
value = [10, 0, 10]
                                                                                                                                                                                                                                                                                                        gini = 0.48
samples = 10
value = [4, 0, 6]
                                                                                                                                                                                                                                                               gini = 0.5
                                                                                                                                                                                                                                                                                                                                         samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                             samples = 36
                                                                                                                                                                                                                                                                                                                                                                    value = [1, 0, 1]
                                                                                                                                                                              value = [1, 0, 1]
                                                                                                                                                                                                                                                           value = [18, 0, 18]
                                                                                                                                   X[826] \le 0.5

gini = 0.5

samples = 18

value = [9, 0, 9]
                                                                                                                                                                                                                                                                                                         X[505] \le 0.5
gini = 0.494
                                                                                                                                                                                                                        X[386] \le 0.5
                                                                                                                                                                                                                                                            X[630] \le 1.0
                                                                                                                                                             gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                      gini = 0.0
samples = 1
                                                                                                                                                                                                                          gini = 0.5
                                                                                                                                                                                                                                                               gini = 0.5
                                                                                                                                                                                                                                                                                                         samples = 9
value = [4, 0, 5]
                                                                                                                                                                                                                         samples = 18
                                                                                                                                                                                                                                                             samples = 18
                                                                                                                                                                                                                                                                                                                                    value = [0, 0, 1]
                                                                                                                                                                                                                       value = [9, 0, 9]
                                                                                                                                                                                                                                                            value = [9, 0, 9]
                                                                                                                                                                                            X[505] <= 0.5
gini = 0.5
samples = 16
value = [8, 0, 8]
                                                                                                                                                                                                                                                  X[172] \le 0.5

gini = 0.5

samples = 16

value = [8, 0, 8]
                                                                                                                                                                                                                                                                                                         X[935] \le 0.5

gini = 0.5

samples = 8

value = [4, 0, 4]
                                                                                                         X[190] <= 0.5
gini = 0.5
samples = 16
value = [8, 0, 8]
                                                                                                                                    gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                       gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                             gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                      gini = 0.0

samples = 1
                                                                                                                                                                                                                                                                                                                                    value = [0, 0, 1]
                                                                               X[575] \le 0.5

gini = 0.5

samples = 14

value = [7, 0, 7]
                                                                                                                                                                                                                                           X[823] \le 0.5

gini = 0.5

samples = 14

value = [7, 0, 7]
                                                                                                                                                                               X[121] \le 0.5

gini = 0.5

samples = 14
                                                                                                                                                                                                                                                                                                         X[417] \le 1.5
                                                                                                         gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                          gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                       gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                      gini = 0.5
samples = 2
                                                                                                                                                                                                                                                                                                            gini = 0.5
                                                                                                                                                                                                                                                                                                         samples = 6 value = [3, 0, 3]
                                                                                                                                                                                                                                                                                                                                    value = [1, 0, 1]
                                                                                                                                                                               value = [7, 0, 7]
                                                                                                                                                         X[425] \le 0.5

gini = 0.5

samples = 12

value = [6, 0, 6]
                                                                                                                                                                                                                                               X[317] \le 1.0
                                                                                                                                                                                                                                                                                                        X[710] \le 0.5
                                                   X[588] \le 0.5
                                                                             X[609] \le 0.5
                                                                                                                                                                                    gini = 0.5
                                                                                                                                                                                                                       X[688] \le 0.5
                                                                                                                                                                                                                                                                                                                                    gini = 0.5
                                                      gini = 0.5
                                                                                                                                                                                                                          gini = 0.5
                                                                                gini = 0.5
                                                                                                                                                                                                                                                                                                                                   samples = 2
value = [1, 0, 1]
                                                                                                                                                                                    samples = 2 value = [1, 0, 1]
                                                  samples = 10 | samples = 4 | value = [5, 0, 5] | value = [2, 0, 2]
                                                                                                                                                                                                                      samples = 8
value = [4, 0, 4]
                                                                                                                                                                                                                                                                                                        samples = 4
value = [2, 0, 2]
                                                                                                                                                                                                                                                   samples = 6
                                                                                                                                                                                                                                                value = [3, 0, 3]
                        X[313] \le 0.5
gini = 0.5
                                                                                                                                      X[662] \le 0.5
                                                                                                                                                                                                                                                   X[227] \le 0.5
                                                                                                                                                                                            X[962] \le 1.0
                                                                                gini = 0.5
                                                                                                            gini = 0.5
                                                                                                                                                                   gini = 0.5
                                                                                                                                                                                                                          gini = 0.5
                                                                                                                                                                                                                                                                                                                                       gini = 0.5
                                                      gini = 0.5
                                                                                                                                                                                                                                                                                gini = 0.5
                                                                                                                                                                                                                                                                                                            gini = 0.5
                                                                                                                                                                                           gini = 0.5
samples = 6
value = [3, 0, 3]
                                                                                                                                                                                                                                                    gini = 0.5
                                                                                                                                        gini = 0.5
                                                                             samples = 2
value = [1, 0, 1]
                                                                                                      samples = 2
value = [1, 0, 1]
                                                                                                                                                               samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                      samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                            samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                                                                                   samples = 2
value = [1, 0, 1]
                                                     samples = 2
                                                                                                                                                                                                                                                                                                          samples = 2
                                                                                                                                      samples = 10
value = [5, 0, 5]
                                                                                                                                                                                                                                                  samples = 4
value = [2, 0, 2]
                        samples = 8 value = [4, 0, 4]
                                                                                                                                                                                                                                                                                                        value = [1, 0, 1]
                                                   value = [1, 0, 1]
                  X[855] \le 0.5
                                                                                                              X[901] \le 0.5
                                                                                                                                                                                  X[686] \le 0.5
                                                                                                                                                                                                                                              gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                                                                       gini = 0.5
samples = 2
value = [1, 0, 1]
                                                                                                                                                                                                                gini = 0.5
                                               gini = 0.5
                                                                                                                                             gini = 0.5
                                                                                                                                                                                 gini = 0.5
samples = 4
value = [2, 0, 2]
                  gini = 0.5
                                                                                                                 gini = 0.5
                                              samples = 2
                                                                                                                                                                                                               samples = 2
                                                                                                                                           samples = 2
                   samples = 6
                                                                                                                samples = 8
                                           value = [1, 0, 1]
                                                                                                                                        value = [1, 0, 1]
                                                                                                                                                                                                            value = [1, 0, 1]
                                                                                                             value = [4, 0, 4]
                 value = [3, 0, 3]
    X[177] \le 0.5
                                                                                         X[809] \le 0.5
                                                                                                                     gini = 0.5
                                                                                                                                                                      gini = 0.5
                                 gini = 0.5
                                                                                                                                                                                                  gini = 0.5
                                                                                        gini = 0.5
samples = 6
value = [3, 0, 3]
       gini = 0.5
                                                                                                                                                                                                 samples = 2
                                                                                                                      samples = 2
                                samples = 2
                                                                                                                                                                      samples = 2
     samples = 4
                                                                                                                    value = [1, 0, 1]
                                                                                                                                                                                           value = [1, 0, 1]
                              value = [1, 0, 1]
                                                                                                                                                                    value = [1, 0, 1]
    value = [2, 0, 2]
                                                                    X[28] \le 1.5
                              gini = 0.5
                                                                                               gini = 0.5
samples = 2
value = [1, 0, 1]
    gini = 0.5
                                                                      gini = 0.5
samples = 2
value = [1, 0, 1]
                           samples = 2
value = [1, 0, 1]
                                                                   samples = 4 value = [2, 0, 2]
                                                         gini = 0.5
```

gini = 0.5

samples = 2value = [1, 0, 1]

samples = 2 value = [1, 0, 1]

 $X[738] \le 0.5$ gini = 0.666samples = 270