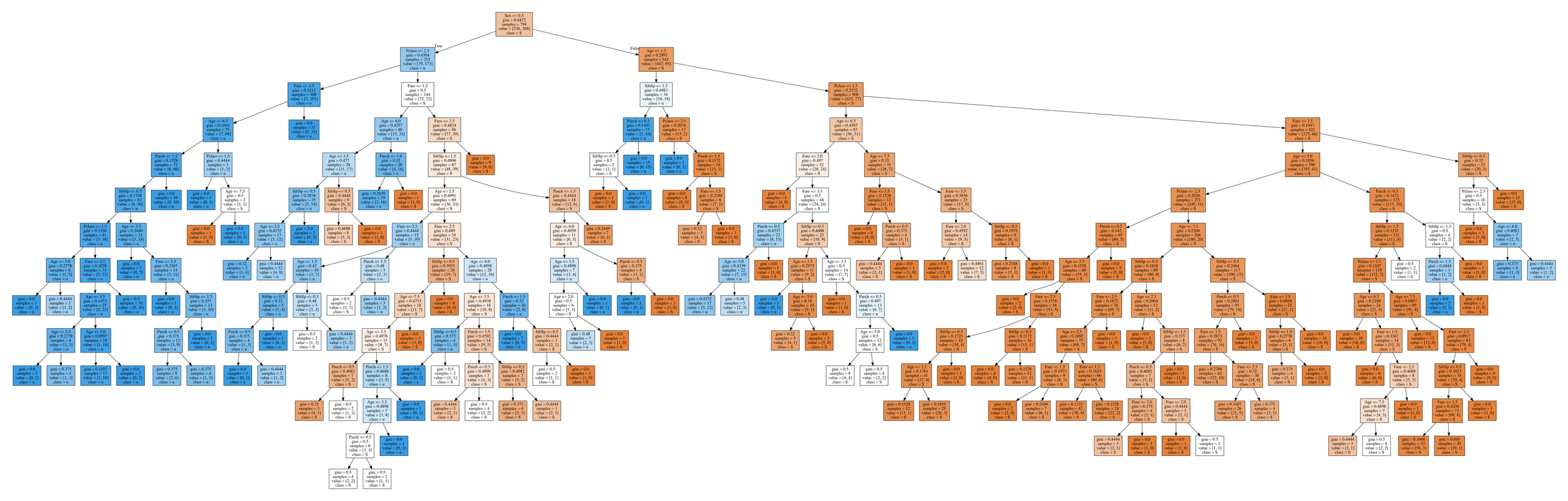
Sex <= 0.5
gini = 0.4472
samples = 794
value = [526, 268]
class = S
True
False
Pclass <= 2.5
gini = 0.4304
samples = 252
value = [79, 173]
class = u
Age <= 1.5
gini = 0.2891
samples = 542
value = [447, 95]
class = S
Fare <= 3.5
gini = 0.1212
samples = 108
value = [7, 101]
class = u
gini = 0.0
samples = 33
value = [0, 33]
class = u
Age <= 6.5
gini = 0.1692
samples = 75
value = [7, 68]
class = u
Pclass <= 1.5
gini = 0.4444
samples = 3
value = [1, 2]
class = u
Parch <= 1.5
gini = 0.1528
samples = 72
value = [6, 66]
class = u
SibSp <= 0.5
gini = 0.1748
samples = 62
value = [6, 56]
class = u
gini = 0.0
samples = 10
value = [0, 10]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 7.5
gini = 0.5
samples = 2
value = [1, 1]
class = S
Pclass <= 1.5
gini = 0.1356
samples = 41
value = [3, 38]
class = u
Age <= 3.5
gini = 0.2449
samples = 21
value = [3, 18]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
Age <= 5.0
gini = 0.2778
samples = 6
value = [1, 5]
class = u
Fare <= 2.5
gini = 0.1078
samples = 35
value = [2, 33]
class = u
gini = 0.0
samples = 7
value = [0, 7]
class = u
Fare <= 2.5
gini = 0.3367
samples = 14
value = [3, 11]
class = u
gini = 0.0
samples = 3
value = [0, 3]
class = u
gini = 0.4444
samples = 3
value = [1, 2]
class = u
Age <= 3.5
gini = 0.1472
samples = 25
value = [2, 23]
class = u
gini = 0.0
samples = 10
value = [0, 10]
class = u
gini = 0.0
samples = 1
value = [0, 1]
class = u
SibSp <= 1.5
gini = 0.355
samples = 13
value = [3, 10]
class = u
Age <= 2.5
gini = 0.2778
samples = 6
value = [1, 5]
class = u
Age <= 5.0
gini = 0.0997
samples = 19
value = [1, 18]
class = u
Parch <= 0.5
gini = 0.375
samples = 12
value = [3, 9]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.0
samples = 2
value = [0, 2]
class = u
gini = 0.375
samples = 4
value = [1, 3]
class = u
gini = 0.1107
samples = 17
value = [1, 16]
class = u
gini = 0.0
samples = 2
value = [0, 2]
class = u
gini = 0.375
samples = 8
value = [2, 6]
class = u
gini = 0.375
samples = 4
value = [1, 3]
class = u
Fare <= 1.5
gini = 0.5
samples = 144
value = [72, 72]
class = S
Age <= 6.0
gini = 0.4297
samples = 48
value = [15, 33]
class = u
Fare <= 3.5
gini = 0.4824
samples = 96
value = [57, 39]
class = S
Age <= 3.5
gini = 0.477
samples = 28
value = [11, 17]
class = u
Parch <= 1.0
gini = 0.32
samples = 20
value = [4, 16]
class = u
SibSp <= 1.5
gini = 0.4946
samples = 87
value = [48, 39]
class = S
gini = 0.0
samples = 9
value = [9, 0]
class = S
SibSp <= 0.5
gini = 0.3878
samples = 19
value = [5, 14]
class = u
SibSp <= 0.5
gini = 0.4444
samples = 9
value = [6, 3]
class = S
gini = 0.2659
samples = 19
value = [3, 16]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 2.5
gini = 0.4991
samples = 69
value = [36, 33]
class = S
Parch <= 1.5
gini = 0.4444
samples = 18
value = [12, 6]
class = S
Age <= 2.5
gini = 0.152
samples = 17
value = [5, 12]
class = u
gini = 0.0
samples = 2
value = [0, 2]
class = u
gini = 0.4688
samples = 8
value = [5, 3]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Fare <= 2.5
gini = 0.4444
samples = 15
value = [5, 10]
class = u
Fare <= 2.5
gini = 0.489
samples = 54
value = [31, 23]
class = S
Age <= 6.0
gini = 0.4959
samples = 11
value = [6, 5]
class = S
gini = 0.2449
samples = 7
value = [6, 1]
class = S
gini = 0.32
samples = 5
value = [1, 4]
class = u
gini = 0.4444
samples = 12
value = [4, 8]
class = u
Age <= 1.5
gini = 0.42
samples = 10
value = [3, 7]
class = u
Parch <= 1.5
gini = 0.48
samples = 5
value = [2, 3]
class = u
SibSp <= 0.5
gini = 0.3935
samples = 26
value = [19, 7]
class = S
Age <= 6.0
gini = 0.4898
samples = 28
value = [12, 16]
class = u
Age <= 3.5
gini = 0.4898
samples = 7
value = [3, 4]
class = u
Parch <= 0.5
gini = 0.375
samples = 4
value = [3, 1]
class = S
SibSp <= 0.5
gini = 0.32
samples = 5
value = [1, 4]
class = u
SibSp <= 0.5
gini = 0.48
samples = 5
value = [2, 3]
class = u
gini = 0.0
samples = 2
value = [1, 1]
class = S
gini = 0.4444
samples = 3
value = [1, 2]
class = u
Parch <= 0.5
gini = 0.375
samples = 12
value = [3, 9]
class = u
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.0
samples = 3
value = [3, 0]
class = S
Age <= 7.5
gini = 0.4753
samples = 18
value = [11, 7]
class = S
gini = 0.0
samples = 8
value = [8, 0]
class = S
Age <= 3.5
gini = 0.4938
samples = 18
value = [10, 8]
class = S
Parch <= 1.5
gini = 0.32
samples = 10
value = [2, 8]
class = u
Parch <= 0.5
gini = 0.32
samples = 5
value = [1, 4]
class = u
gini = 0.0
samples = 3
value = [3, 0]
class = S
Age <= 3.3
gini = 0.4978
samples = 15
value = [8, 7]
class = S
gini = 0.0
samples = 3
value = [3, 0]
class = S
SibSp <= 0.5
gini = 0.375
samples = 4
value = [1, 3]
class = u
Parch <= 1.5
gini = 0.4592
samples = 14
value = [9, 5]
class = S
gini = 0.0
samples = 7
value = [0, 7]
class = u
SibSp <= 0.5
gini = 0.4444
samples = 3
value = [2, 1]
class = S
Parch <= 0.5
gini = 0.4082
samples = 7
value = [5, 2]
class = S
Parch <= 1.5
gini = 0.4688
samples = 8
value = [3, 5]
class = u
gini = 0.0
samples = 2
value = [0, 2]
class = u
gini = 0.5
samples = 2
value = [1, 1]
class = S
Parch <= 0.5
gini = 0.4898
samples = 7
value = [4, 3]
class = S
SibSp <= 0.5
gini = 0.4082
samples = 7
value = [2, 5]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.32
samples = 5
value = [4, 1]
class = S
gini = 0.5
samples = 2
value = [1, 1]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
Parch <= 0.5
gini = 0.5
samples = 6
value = [3, 3]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.5
samples = 4
value = [2, 2]
class = S
gini = 0.5
samples = 2
value = [1, 1]
class = S
SibSp <= 1.5
gini = 0.4993
samples = 34
value = [16, 18]
class = u
Parch <= 0.5
gini = 0.1107
samples = 17
value = [1, 16]
class = u
Pclass <= 2.5
gini = 0.2076
samples = 17
value = [15, 2]
class = S
SibSp <= 0.5
gini = 0.5
samples = 2
value = [1, 1]
class = S
gini = 0.0
samples = 15
value = [0, 15]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
Parch <= 1.5
gini = 0.1172
samples = 16
value = [15, 1]
class = S
gini = 0.0
samples = 8
value = [8, 0]
class = S
Fare <= 3.5
gini = 0.2188
samples = 8
value = [7, 1]
class = S
gini = 0.32
samples = 5
value = [4, 1]
class = S
gini = 0.0
samples = 3
value = [3, 0]
class = S
Age <= 3.5
gini = 0.4898
samples = 7
value = [3, 4]
class = u
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.0
samples = 1
value = [0, 1]
class = u
Age <= 2.0
gini = 0.5
samples = 6
value = [3, 3]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.0
samples = 3
value = [3, 0]
class = S
gini = 0.48
samples = 5
value = [2, 3]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
Pclass <= 1.5
gini = 0.2972
samples = 508
value = [431, 77]
class = S
Age <= 6.5
gini = 0.4587
samples = 87
value = [56, 31]
class = S
Age <= 7.5
gini = 0.2072
samples = 35
value = [26, 7]
class = S
Fare <= 3.5
gini = 0.3856
samples = 23
value = [17, 6]
class = S
Fare <= 2.0
gini = 0.497
samples = 52
value = [28, 24]
class = S
Fare <= 3.5
gini = 0.1528
samples = 12
value = [11, 1]
class = S
Parch <= 0.5
gini = 0.4592
samples = 14
value = [9, 5]
class = S
SibSp <= 0.5
gini = 0.1975
samples = 9
value = [8, 1]
class = S
gini = 0.0
samples = 4
value = [4, 0]
class = S
Fare <= 3.5
gini = 0.5
samples = 48
value = [24, 24]
class = S
gini = 0.0
samples = 8
value = [8, 0]
class = S
Parch <= 0.5
gini = 0.375
samples = 4
value = [3, 1]
class = S
gini = 0.4861
samples = 12
value = [7, 5]
class = S
gini = 0.2188
samples = 8
value = [7, 1]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Parch <= 0.5
gini = 0.4537
samples = 23
value = [8, 15]
class = u
SibSp <= 0.5
gini = 0.4608
samples = 25
value = [16, 9]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 2
value = [2, 0]
class = S
Age <= 5.0
gini = 0.4339
samples = 22
value = [7, 15]
class = u
Age <= 3.5
gini = 0.2975
samples = 11
value = [9, 2]
class = S
Age <= 3.5
gini = 0.5
samples = 14
value = [7, 7]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.4152
samples = 17
value = [5, 12]
class = u
gini = 0.48
samples = 5
value = [2, 3]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 5.0
gini = 0.18
samples = 10
value = [9, 1]
class = S
Parch <= 0.5
gini = 0.497
samples = 13
value = [6, 7]
class = u
gini = 0.32
samples = 5
value = [4, 1]
class = S
gini = 0.0
samples = 5
value = [5, 0]
class = S
Age <= 5.0
gini = 0.5
samples = 12
value = [6, 6]
class = S
gini = 0.0
samples = 1
value = [0, 1]
class = u
gini = 0.5
samples = 8
value = [4, 4]
class = S
gini = 0.5
samples = 4
value = [2, 2]
class = S
Fare <= 3.5
gini = 0.1947
samples = 421
value = [375, 46]
class = S
Age <= 5.0
gini = 0.1856
samples = 396
value = [355, 41]
class = S
SibSp <= 0.5
gini = 0.32
samples = 25
value = [20, 5]
class = S
Pclass <= 2.5
gini = 0.2026
samples = 271
value = [240, 31]
class = S
Parch <= 0.5
gini = 0.1472
samples = 125
value = [115, 10]
class = S
Pclass <= 2.5
gini = 0.5
samples = 10
value = [5, 5]
class = S
Age <= 6.0
gini = 0.4082
samples = 7
value = [2, 5]
class = S
Parch <= 0.5
gini = 0.142
samples = 65
value = [60, 5]
class = S
Age <= 3.5
gini = 0.2206
samples = 206
value = [180, 26]
class = S
SibSp <= 1.5
gini = 0.1235
samples = 121
value = [113, 8]
class = S
Pclass <= 2.5
gini = 0.5
samples = 4
value = [2, 2]
class = S
gini = 0.0
samples = 6
value = [6, 0]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 2.2
gini = 0.1528
samples = 60
value = [55, 5]
class = S
gini = 0.0
samples = 5
value = [5, 0]
class = S
SibSp <= 0.5
gini = 0.1818
samples = 89
value = [80, 9]
class = S
SibSp <= 0.5
gini = 0.2484
samples = 117
value = [100, 17]
class = S
Pclass <= 2.5
gini = 0.0107
samples = 119
value = [112, 7]
class = S
gini = 0.5
samples = 2
value = [1, 1]
class = S
Parch <= 1.5
gini = 0.4444
samples = 3
value = [1, 2]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 6.5
gini = 0.2188
samples = 24
value = [21, 3]
class = S
Age <= 7.5
gini = 0.0807
samples = 95
value = [91, 4]
class = S
gini = 0.0
samples = 2
value = [0, 2]
class = u
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 10
value = [10, 0]
class = S
Fare <= 1.5
gini = 0.3367
samples = 14
value = [11, 3]
class = S
gini = 0.0
samples = 12
value = [12, 0]
class = S
Fare <= 2.5
gini = 0.0917
samples = 83
value = [79, 4]
class = S
gini = 0.0
samples = 6
value = [6, 0]
class = S
Fare <= 2.5
gini = 0.4688
samples = 8
value = [5, 3]
class = S
SibSp <= 0.5
gini = 0.1023
samples = 74
value = [70, 4]
class = S
gini = 0.0
samples = 9
value = [9, 0]
class = S
Age <= 7.5
gini = 0.4898
samples = 7
value = [4, 3]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Fare <= 1.5
gini = 0.0306
samples = 73
value = [69, 4]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.4444
samples = 3
value = [2, 1]
class = S
gini = 0.5
samples = 4
value = [2, 2]
class = S
gini = 0.0168
samples = 53
value = [50, 3]
class = S
gini = 0.095
samples = 20
value = [19, 1]
class = S
Parch <= 0.5
gini = 0.2801
samples = 95
value = [79, 16]
class = S
Fare <= 1.5
gini = 0.0868
samples = 22
value = [21, 1]
class = S
Fare <= 1.5
gini = 0.2873
samples = 92
value = [76, 16]
class = S
gini = 0.0
samples = 3
value = [3, 0]
class = S
SibSp <= 1.5
gini = 0.2778
samples = 6
value = [5, 1]
class = S
gini = 0.0
samples = 16
value = [16, 0]
class = S
gini = 0.2706
samples = 62
value = [52, 10]
class = S
Fare <= 2.5
gini = 0.32
samples = 30
value = [24, 6]
class = S
gini = 0.375
samples = 4
value = [3, 1]
class = S
gini = 0.3107
samples = 26
value = [21, 5]
class = S
Age <= 2.5
gini = 0.1672
samples = 79
value = [69, 7]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 2.5
gini = 0.2604
samples = 13
value = [11, 2]
class = S
Age <= 3.5
gini = 0.4444
samples = 3
value = [2, 1]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 2.5
gini = 0.1692
samples = 77
value = [68, 7]
class = S
gini = 0.0
samples = 2
value = [2, 0]
class = S
gini = 0.0
samples = 5
value = [5, 0]
class = S
SibSp <= 1.5
gini = 0.375
samples = 8
value = [6, 2]
class = S
SibSp <= 0.5
gini = 0.1723
samples = 42
value = [38, 4]
class = S
SibSp <= 0.5
gini = 0.1172
samples = 16
value = [15, 1]
class = S
Parch <= 0.5
gini = 0.4082
samples = 7
value = [5, 2]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
Age <= 3.5
gini = 0.1761
samples = 41
value = [37, 4]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 4
value = [4, 0]
class = S
gini = 0.1528
samples = 12
value = [11, 1]
class = S
Fare <= 1.5
gini = 0.1975
samples = 9
value = [8, 1]
class = S
Fare <= 1.5
gini = 0.1653
samples = 66
value = [60, 6]
class = S
Fare <= 2.0
gini = 0.375
samples = 4
value = [3, 1]
class = S
Fare <= 2.0
gini = 0.4444
samples = 3
value = [2, 1]
class = S
gini = 0.1528
samples = 12
value = [11, 1]
class = S
gini = 0.1855
samples = 29
value = [26, 3]
class = S
gini = 0.0
samples = 7
value = [7, 0]
class = S
gini = 0.2449
samples = 7
value = [6, 1]
class = S
gini = 0.1723
samples = 42
value = [38, 4]
class = S
gini = 0.1528
samples = 22
value = [22, 2]
class = S
gini = 0.4444
samples = 3
value = [2, 1]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.0
samples = 1
value = [1, 0]
class = S
gini = 0.5
samples = 2
value = [1, 1]
class = S