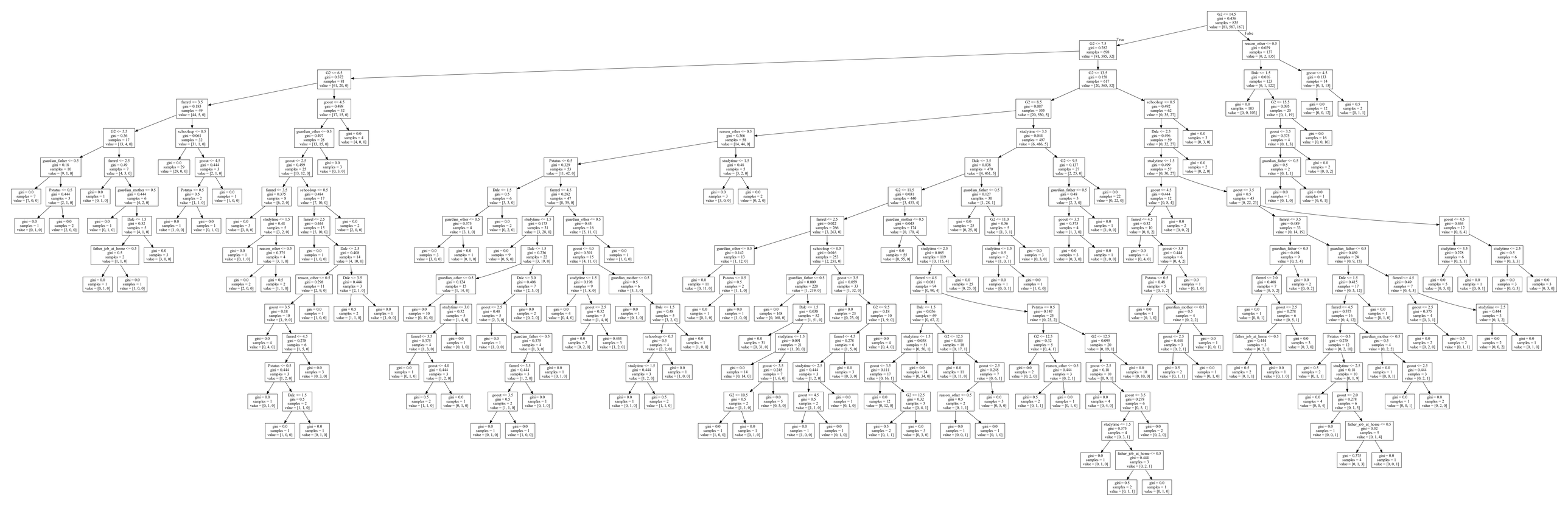
G2 <= 14.5
gini = 0.456
samples = 835
value = [81, 587, 167]
True
False
G2 <= 7.5
gini = 0.282
samples = 698
value = [81, 585, 32]
reason_other <= 0.5
gini = 0.029
samples = 137
value = [0, 2, 135]
G2 <= 6.5
gini = 0.372
samples = 81
value = [61, 20, 0]
G2 <= 13.5
gini = 0.158
samples = 617
value = [20, 565, 32]
Dalc <= 1.5
gini = 0.016
samples = 123
value = [0, 1, 122]
goout <= 4.5
gini = 0.133
samples = 14
value = [0, 1, 13]
famrel <= 3.5
gini = 0.183
samples = 49
value = [46, 5, 0]
goout <= 4.5
gini = 0.498
samples = 32
value = [17, 15, 0]
G2 <= 8.5
gini = 0.087
samples = 555
value = [20, 530, 5]
schoolsup <= 0.5
gini = 0.492
samples = 62
value = [0, 35, 27]
G2 <= 15.5
gini = 0.095
samples = 20
value = [0, 1, 19]
G2 <= 5.5
gini = 0.36
samples = 17
value = [13, 4, 0]
schoolsup <= 0.5
gini = 0.061
samples = 32
value = [31, 1, 0]
guardian_other <= 0.5
gini = 0.497
samples = 28
value = [13, 15, 0]
gini = 0.0
samples = 4
value = [4, 0, 0]
goout <= 2.5
gini = 0.499
samples = 25
value = [13, 12, 0]
gini = 0.0
samples = 3
value = [0, 3, 0]
reason_other <= 0.5
gini = 0.366
samples = 58
value = [14, 44, 0]
Pstatus <= 0.5
gini = 0.329
samples = 53
value = [11, 42, 0]
studytime <= 1.5
gini = 0.48
samples = 5
value = [3, 2, 0]
Dalc <= 1.5
gini = 0.375
samples = 6
value = [3, 3, 0]
famrel <= 4.5
gini = 0.282
samples = 47
value = [8, 39, 0]
studytime <= 1.5
gini = 0.175
samples = 31
value = [3, 28, 0]
Dalc <= 1.5
gini = 0.236
samples = 22
value = [3, 19, 0]
Dalc <= 3.0
gini = 0.408
samples = 7
value = [2, 5, 0]
goout <= 2.5
gini = 0.48
samples = 5
value = [2, 3, 0]
guardian_father <= 0.5
gini = 0.375
samples = 4
value = [1, 3, 0]
famrel <= 3.5
gini = 0.444
samples = 3
value = [1, 2, 0]
goout <= 5.5
gini = 0.5
samples = 2
value = [1, 1, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 3
value = [3, 0, 0]
gini = 0.0
samples = 2
value = [0, 2, 0]
gini = 0.0
samples = 9
value = [0, 9, 0]
guardian_other <= 0.5
gini = 0.43
samples = 16
value = [5, 11, 0]
goout <= 4.0
gini = 0.391
samples = 15
value = [4, 11, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
studytime <= 1.5
gini = 0.198
samples = 9
value = [1, 8, 0]
guardian_mother <= 0.5
gini = 0.5
samples = 6
value = [3, 3, 0]
gini = 0.0
samples = 4
value = [0, 4, 0]
goout <= 2.5
gini = 0.32
samples = 5
value = [1, 4, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
Dalc <= 1.5
gini = 0.48
samples = 4
value = [2, 2, 0]
schoolsup <= 0.5
gini = 0.5
samples = 4
value = [2, 2, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.444
samples = 3
value = [1, 2, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.5
samples = 2
value = [1, 1, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [1, 0, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
G2 <= 9.5
gini = 0.137
samples = 27
value = [2, 25, 0]
Dalc <= 2.5
gini = 0.496
samples = 59
value = [0, 32, 27]
gini = 0.0
samples = 3
value = [0, 3, 0]
gini = 0.0
samples = 2
value = [0, 2, 0]
G2 <= 11.5
gini = 0.031
samples = 440
value = [3, 433, 4]
Dalc <= 3.5
gini = 0.038
samples = 470
value = [4, 461, 5]
guardian_father <= 0.5
gini = 0.127
samples = 30
value = [1, 28, 1]
guardian_father <= 0.5
gini = 0.48
samples = 5
value = [2, 3, 0]
gini = 0.0
samples = 22
value = [0, 22, 0]
studytime <= 1.5
gini = 0.499
samples = 57
value = [0, 30, 27]
goout <= 3.5
gini = 0.5
samples = 45
value = [0, 22, 23]
famrel <= 2.5
gini = 0.022
samples = 266
value = [3, 263, 0]
guardian_mother <= 0.5
gini = 0.045
samples = 174
value = [0, 170, 4]
gini = 0.0
samples = 25
value = [0, 25, 0]
G2 <= 11.0
gini = 0.56
samples = 5
value = [1, 3, 1]
goout <= 4.5
gini = 0.444
samples = 12
value = [0, 8, 4]
gini = 0.0
samples = 2
value = [0, 0, 2]
famrel <= 4.5
gini = 0.32
samples = 10
value = [0, 8, 2]
gini = 0.0
samples = 2
value = [0, 0, 2]
famrel <= 3.5
gini = 0.489
samples = 33
value = [0, 14, 19]
goout <= 4.5
gini = 0.444
samples = 12
value = [0, 8, 4]
guardian_other <= 0.5
gini = 0.375
samples = 4
value = [3, 1, 0]
gini = 0.0
samples = 55
value = [0, 55, 0]
studytime <= 2.5
gini = 0.065
samples = 119
value = [0, 115, 4]
schoolsup <= 0.5
gini = 0.253
samples = 253
value = [2, 251, 0]
guardian_father <= 0.5
gini = 0.009
samples = 220
value = [1, 219, 0]
goout <= 3.5
gini = 0.059
samples = 33
value = [1, 32, 0]
famrel <= 4.5
gini = 0.081
samples = 94
value = [0, 90, 4]
gini = 0.0
samples = 25
value = [0, 25, 0]
Pstatus <= 0.5
gini = 0.147
samples = 25
value = [0, 23, 2]
guardian_father <= 0.5
gini = 0.494
samples = 9
value = [0, 5, 4]
famrel <= 2.0
gini = 0.408
samples = 7
value = [0, 5, 2]
gini = 0.0
samples = 2
value = [0, 0, 2]
gini = 0.0
samples = 3
value = [0, 3, 0]
goout <= 2.5
gini = 0.278
samples = 6
value = [0, 5, 1]
father_job_at_home <= 0.5
gini = 0.444
samples = 3
value = [0, 2, 1]
gini = 0.0
samples = 3
value = [0, 3, 0]
gini = 0.5
samples = 2
value = [0, 1, 1]
gini = 0.0
samples = 1
value = [0, 1, 0]
studytime <= 3.5
gini = 0.278
samples = 6
value = [0, 5, 1]
studytime <= 2.5
gini = 0.5
samples = 6
value = [0, 3, 3]
gini = 0.0
samples = 5
value = [0, 5, 0]
gini = 0.0
samples = 1
value = [0, 0, 1]
gini = 0.0
samples = 3
value = [0, 0, 3]
gini = 0.0
samples = 3
value = [0, 3, 0]
guardian_other <= 0.5
gini = 0.375
samples = 4
value = [3, 1, 0]
gini = 0.0
samples = 11
value = [0, 11, 0]
Pstatus <= 0.5
gini = 0.5
samples = 2
value = [1, 1, 0]
guardian_father <= 0.5
gini = 0.009
samples = 108
value = [0, 108, 0]
Dalc <= 1.5
gini = 0.038
samples = 52
value = [1, 51, 0]
gini = 0.0
samples = 23
value = [0, 23, 0]
G2 <= 9.5
gini = 0.18
samples = 10
value = [1, 9, 0]
Dalc <= 1.5
gini = 0.056
samples = 69
value = [0, 67, 2]
G2 <= 12.5
gini = 0.105
samples = 18
value = [0, 17, 1]
G2 <= 12.5
gini = 0.32
samples = 5
value = [0, 4, 1]
G2 <= 12.5
gini = 0.095
samples = 20
value = [0, 19, 1]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
studytime <= 1.5
gini = 0.444
samples = 3
value = [1, 2, 0]
studytime <= 2.5
gini = 0.444
samples = 3
value = [1, 2, 0]
gini = 0.0
samples = 3
value = [0, 3, 0]
gini = 0.0
samples = 4
value = [0, 4, 0]
goout <= 3.5
gini = 0.111
samples = 18
value = [0, 16, 1]
gini = 0.0
samples = 34
value = [0, 34, 0]
goout <= 2.5
gini = 0.245
samples = 7
value = [0, 6, 1]
gini = 0.0
samples = 11
value = [0, 11, 0]
reason_other <= 0.5
gini = 0.444
samples = 3
value = [0, 2, 1]
gini = 0.0
samples = 10
value = [0, 10, 0]
gini = 0.0
samples = 2
value = [0, 2, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1, 0]
gini = 0.0
samples = 1
value = [0, 1