

Condition required
to reach node from
parent node

Number of samples
In this node (satisfying this
condition and all previous
parent split conditions)

Predicted class
for samples in this
leaf

Probability of
samples in this
leaf being a “N”

Probability of
samples in this
leaf being a “Y”

4) BMI < 26.95 119 11.55 N (0.991597 0.008403) *
5) BMI > 26.95 299 345.30 N (0.735786 0.264214)
10) AGE < 29.5 165 125.80 N (0.872727 0.127273)
20) SKIN < 28.2 62 0.00 N (1.000000 0.000000) *
21) SKIN > 28.2 103 104.20 N (0.796117 0.203883) *
11) AGE > 29.5 134 183.30 N (0.567164 0.432836)
22) INS < 89.5 33 24.38 N (0.878788 0.121212) *
23) INS > 89.5 101 139.50 Y (0.465347 0.534653) *

Star denotes a
leaf node

Node 5 is the parent
of node 10 and 11
Node 10 is parent of nodes
20 and 21.