Use delivery number, delivery time, blood pressure, heart problems.

Gini Impurity $= 1 - (P_0)^2 - (P_1)^2$

$= 1 - (34/80)^2 - (46/80)^2$

Age < 28 yo?

yes $= [20, 21]$

No $= [14, 25]$

Don't use age

GI of yo node $= 1 - (20/41)^2 - (21/40)^2$

$= 0.4997$

No node $= 1 - (14/39)^2 - (25/39)^2$

$= 0.4602$

WGI $= 0.4997 \times (41/80) + 0.4602 \times (39/80)$

$= 0.4804$

Delivery number < 2?

yes $= [19, 22]$ GI of yes $= 0.4973$

No $= [15, 24]$ GI of no $= 0.4734$

WGI $= 0.4973(41/80) + 0.4734(39/80)$

$= 0.4856$

Delivery Time < 1?

yes $= [16, 30]$ GI of yes $= 0.4537$

No $= [18, 16]$ GI of no $= 0.4983$

WGI $= 0.4537(41/80) + 0.4983(39/80)$

$= 0.4727$