

wheatrgb0.96, 0.87, 0.7 lightgrayrgb0.9, 0.9, 0.9 aquargb0.0, 1.0, 1.0 mauvergb0.88, 0.69, 1.0 skyblueRGB86,180,233
vermillionRGB213,94,0 purpleRGB204,121,167 bluishgreenRGB0,158,115

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linecolor=black,tnsep=1pt,tndepth=0cm,tnheight=0cm,treeseq=.5cm,levelsep=59pt,radius=8pt,fillstyle=solid [treemode=D] 1 [tnpos=]in  $S_1$  [tnpos=r]0.38 [treemode=D] 2
 $\text{meanbp1}$ 
[tnpos=]  $\leq_*$  68.50 [treemode=D] 4 [tnpos=]  $\leq$  266.16 [fillcolor=orange] 8 [tnpos=]0.70 655 [treemode=D] 9 [tnpos=] in  $S_2$  [fillcolor=orange]18 [tnpos=]0.63 244
[fillcolor=yellow]19 [tnpos=r]0.39 218 [fillcolor=yellow] 5 [tnpos=r]0.38 566 [treemode=D] 3 [tnpos=]  $\leq$  142.36 [treemode=D] 6 [tnpos=] =No
 $\text{dnr1}$ 
[treemode=D]12 [tnpos=] =No [treemode=D]24 [tnpos=]in  $S_3$  [fillcolor=orange]48 [tnpos=]0.66 438 [fillcolor=yellow]49 [tnpos=r]0.35 77 [fillcolor=yellow]25
 $\text{NoRHC}$ 
[tnpos=r]0.35 66 [treemode=D]13 [tnpos=] =Yes [fillcolor=orange]26 [tnpos=]0.64 110 [fillcolor=yellow]27 [tnpos=r]0.36 601 [fillcolor=yellow] 7 [tnpos=r]0.24
 $\text{NoRHC}$ 
2760

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GUIDE v.41.2 0.250-SE classification tree for predicting **swang1** using estimated priors and unit misclassification costs. At each split, an observation goes to the left branch if and only if the condition is satisfied. Symbol ' \leq_* ' stands for ' \leq or missing'. $S_1 = \{\text{CHF, MOSF w/Sepsis}\}$. $S_2 = \{\text{No insurance, Private, Private \& Medicare}\}$. $S_3 = \{\text{ARF, Lung Cancer, MOSF w/Malignancy}\}$. Predicted classes and sample sizes (in *italics*) printed below terminal nodes; class sample proportion for **swang1** = RHC beside nodes. Second best split variable at root node is **aps1**.