



GUIDE 0.50-SE classification tree for predicting HIC2 using equal priors and unit misclassification costs. At each split, an observation goes to the left branch if and only if the condition is satisfied. The symbol ' \leq_* ' stands for ' \leq or missing'. For splits on categorical variables, values not present in the training sample go to the right. Set $S_1 = \{\text{BWU, NA, NAP, UNK}\}$. Set $S_2 = \{\text{E2, OT, P5, S3, WS}\}$. Set $S_3 = \{\text{LCB, POL}\}$. Set $S_4 = \{\text{SP, UN}\}$. Set $S_5 = \{\text{PU, VN}\}$. Set $S_6 = \{\text{HT, S2}\}$. Set $S_7 = \{\text{BMW, BUICK, CHEVROLET, CODA, JEEP, MAZDA, TOYOTA}\}$. Set $S_8 = \{\text{NA, UNK}\}$. Set $S_9 = \{\text{FMT, OTH}\}$. Set $S_{10} = \{\text{4CIF, S6IF}\}$. Set $S_{11} = \{\text{3H, 4S, VN}\}$. Set $S_{12} = \{\text{2C, UV}\}$. Set $S_{13} = \{\text{AF, AR}\}$. Predicted classes (based on estimated misclassification cost) printed below terminal nodes; sample sizes for HIC2 = 0 and 1, respectively, beside nodes. Second best split variable at root node is OCCTYP.