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F5
root split at 460 >50K (0.48728814 0.51271186)
sensitivity = 0.6966292
specificity = 0.8571429
accuracy = 0.7777778

F10
root split at 460 >50K (0.48728814 0.51271186)
sensitivity = 0.7191011
specificity = 0.8791209
accuracy = 0.8

F14
root split at 460 >50K (0.48728814 0.51271186)
sensitivity = 0.6853933
specificity = 0.8681319
accuracy = 0.7777778

H5
root split at 226 >50K (0.4829060 0.5170940)
sensitivity = 0.7640449
specificity = 0.7692308
accuracy = 0.7666667

H10
root split at 226 >50K (0.48290598 0.51709402)
sensitivity = 0.7865169
specificity = 0.8351648
accuracy = 0.8111111

H14
root split at 226 >50K (0.48290598 0.51709402)
sensitivity = 0.7865169
specificity = 0.8241758
accuracy = 0.8055556

H10 gives highest accuracy.
In general, more features and more data wouldn’t necessarily give better test accuracy.
For both dataset, 10 features gives the best result.
Larger dataset gives lower accuracy.