

ML Exercise 5

9.8.4

[+] Discrete attributes with many values are generally favored by the impurity measure if no further "normalization"/penalization is applied.

[+] Binary decision nodes are simpler for humans to grasp - given that interpretability is one of the main advantages of the decision tree.

[+] Allows for more flexibility. If a certain value doesn't contribute enough as an individual attribute, we can ignore it during the tree construction and also get rid of it during post-pruning.

[-] As the process of constructing the tree is "greedy",...

10.11.1

10.11.2

10.11.3

10.11.6