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- C4.5 (Quinlan 1993)
 - Improved version with extended capabilities.
 - > Ability to deal with real-valued variables.
 - Multiway splits are used with nominal data
 - Using gain ratio impurity based on entropy (information gain) criterion.
 - Heuristics for pruning based on statistical significance of splits.
 Rule post-pruning
- Main difference to CART
 - Strategy for handling missing attributes.
 - $\succ\,$ When missing feature is queried, C4.5 follows all B possible answers.
 - \succ Decision is made based on all B possible outcomes, weighted by decision probabilities at node N.

B. Leibe







