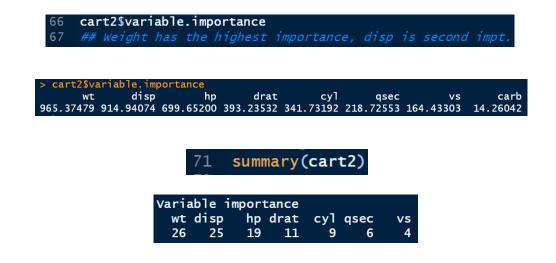
## Exercise 9.1 CART (Part 2)

Note: Students may volunteer to present their solution in class for additional participation points.

1. In Rscript mtcars CART.R, the numbers in variable importance are presented differently depending on the function used – variable.importance or summary(). Write your Rcode to scale the variable.importance output so that the same numbers in summary() are obtained.



Instructor solution: mtcars CART v2.R

2. Dataset: default.csv [10,000 rows, 4 columns. Given in logistic regression unit]. Compare the testset performance of the logistic regression model (excluding Income variable) vs the optimal CART model. Is income also unimportant in the optimal CART model? Comment on the model findings.

Instructor solution: default CART.R