

Variable importances: real microarray data sets.

'Scree plots' or 'importance spectrum':

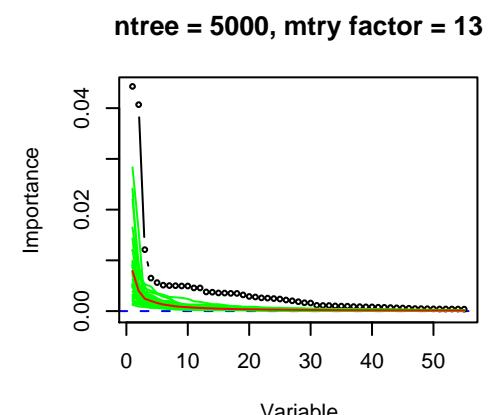
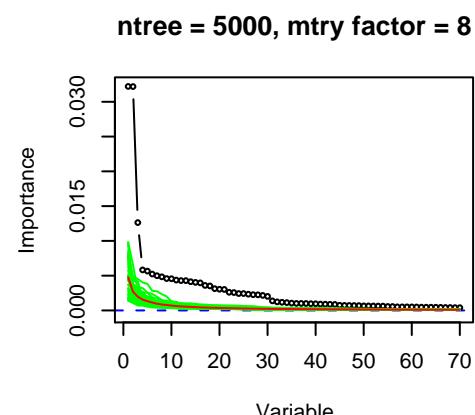
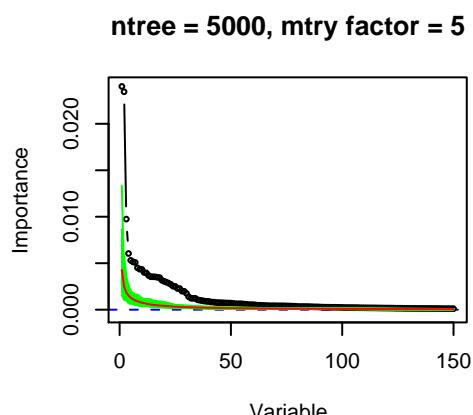
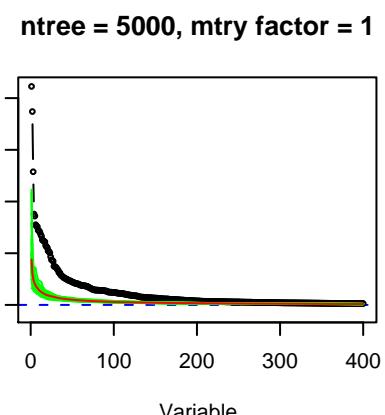
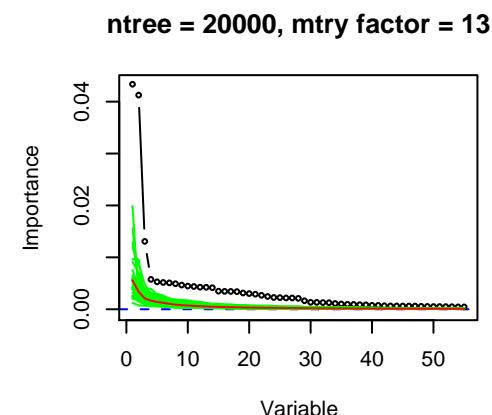
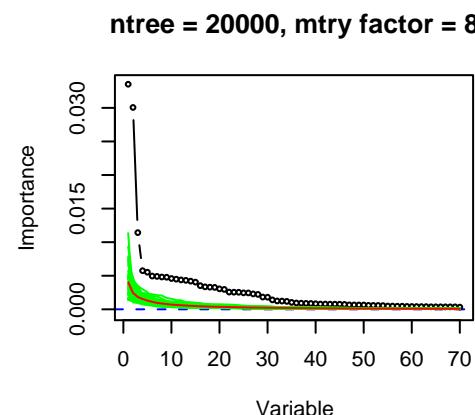
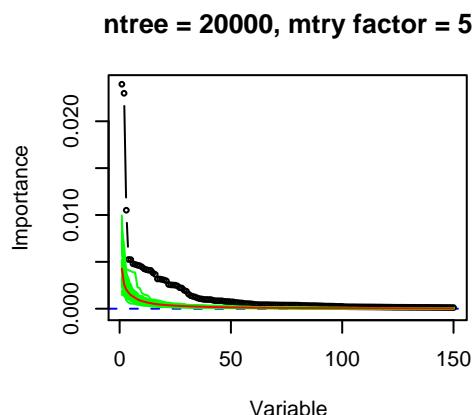
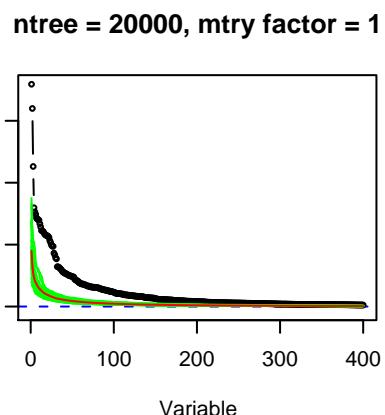
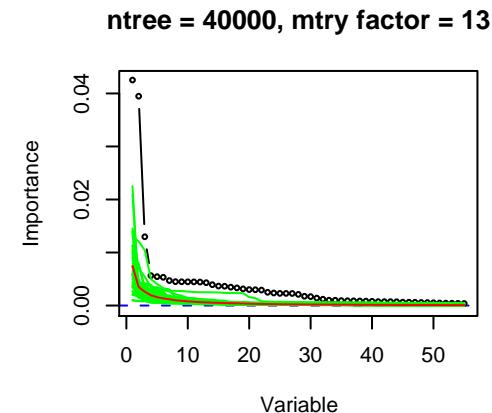
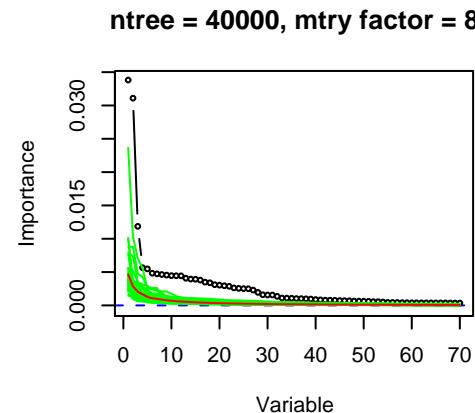
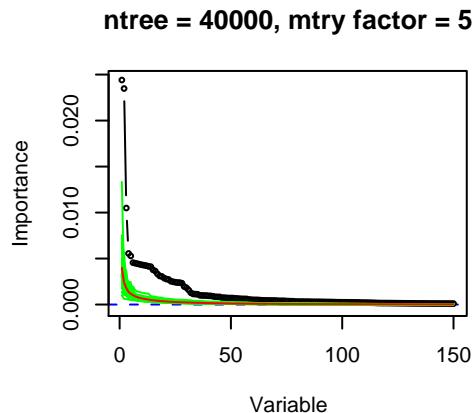
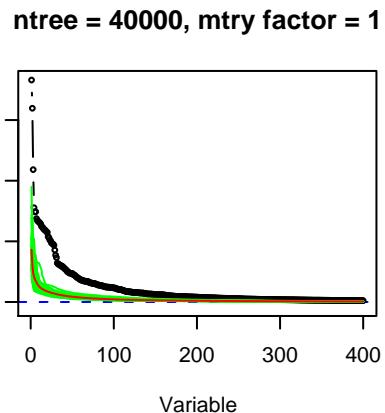
Black: original data sets; green: permuted class labels data sets;

red: average from permuted class labels data sets.

file= /scree-plots-analyses/real-data/real.data.analyses.screePlots.R

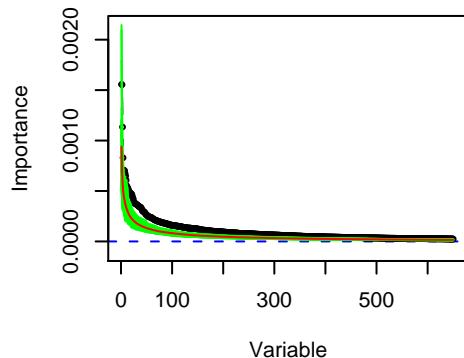
2005-01-03 15:31:47

Leukemia

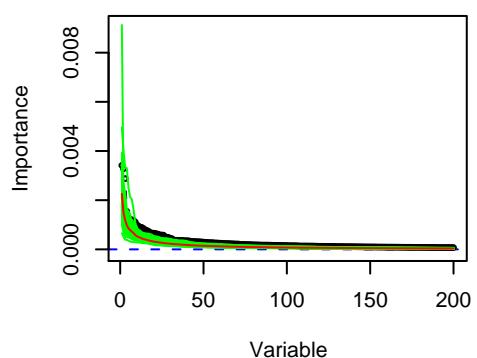


Breast, 2 cl.

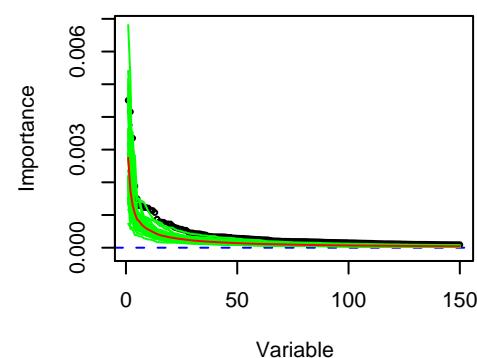
ntree = 40000, mtry factor = 1



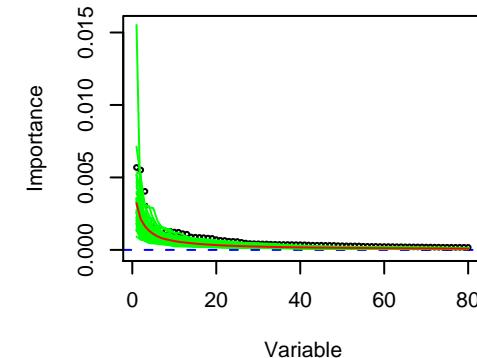
ntree = 40000, mtry factor = 5



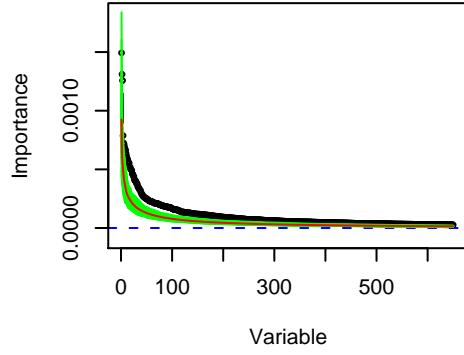
ntree = 40000, mtry factor = 8



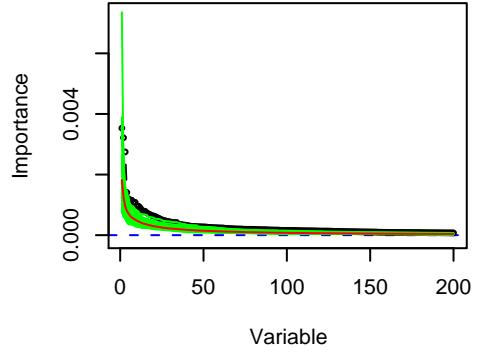
ntree = 40000, mtry factor = 13



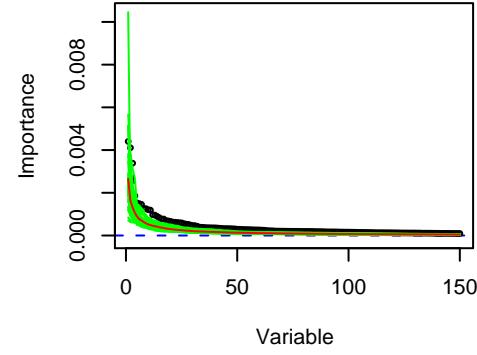
ntree = 20000, mtry factor = 1



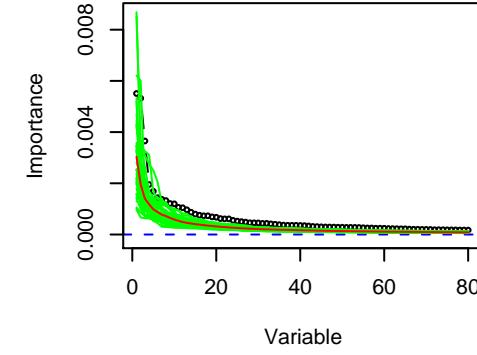
ntree = 20000, mtry factor = 5



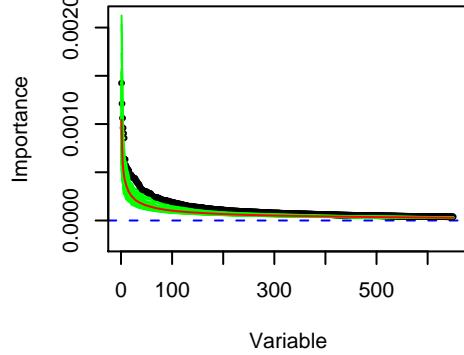
ntree = 20000, mtry factor = 8



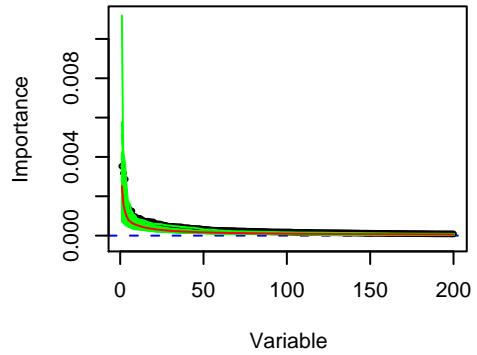
ntree = 20000, mtry factor = 13



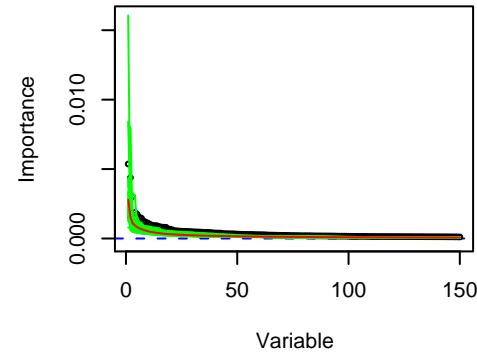
ntree = 5000, mtry factor = 1



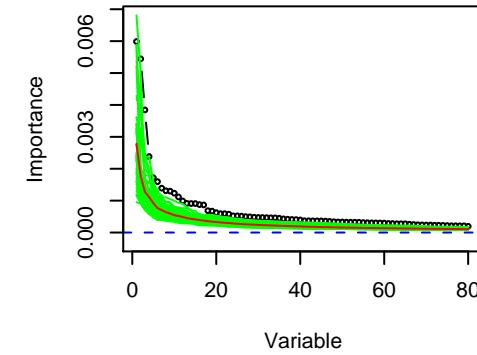
ntree = 5000, mtry factor = 5



ntree = 5000, mtry factor = 8

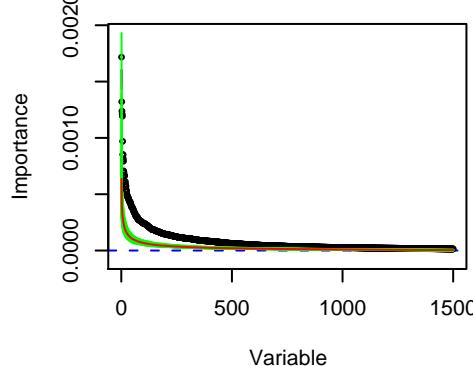


ntree = 5000, mtry factor = 13

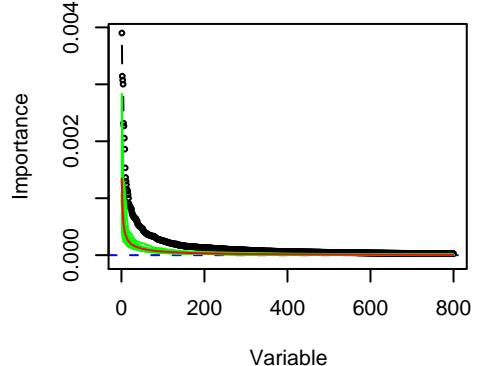


Breast, 3 cl.

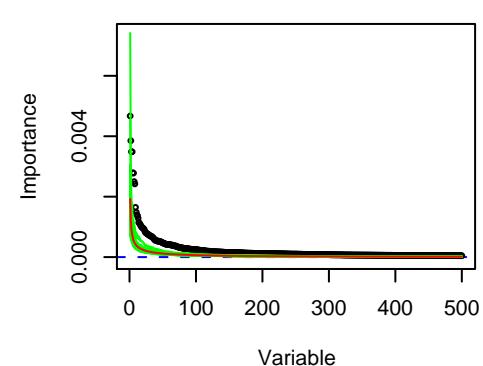
ntree = 40000, mtry factor = 1



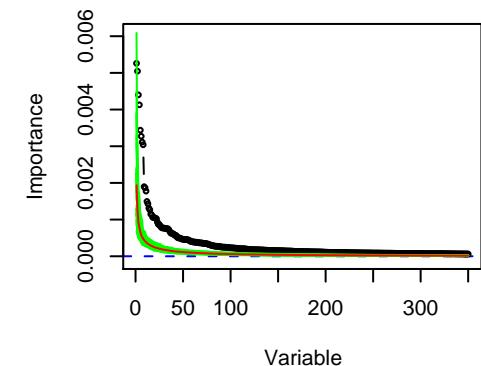
ntree = 40000, mtry factor = 5



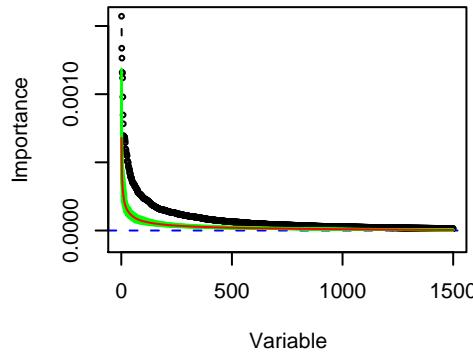
ntree = 40000, mtry factor = 8



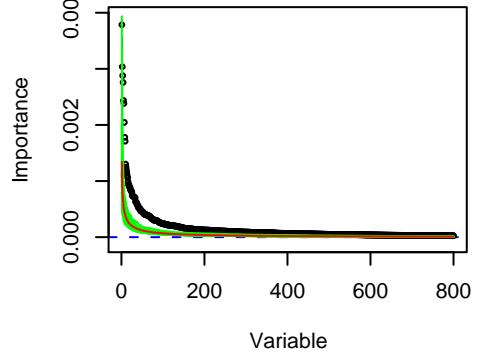
ntree = 40000, mtry factor = 13



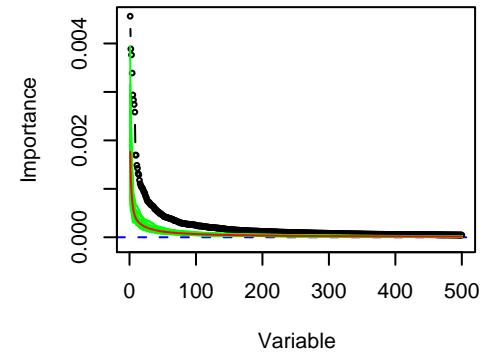
ntree = 20000, mtry factor = 1



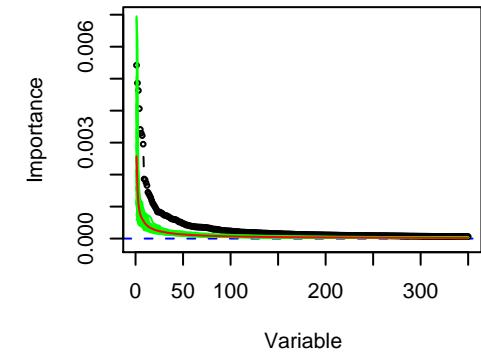
ntree = 20000, mtry factor = 5



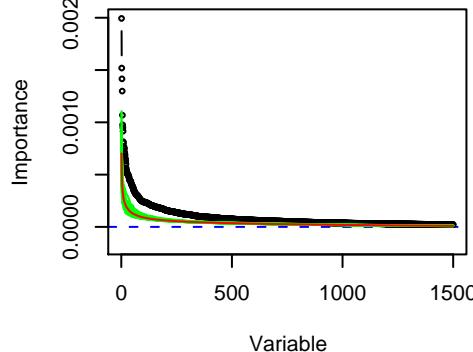
ntree = 20000, mtry factor = 8



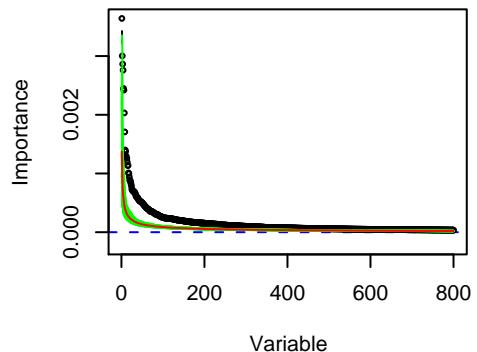
ntree = 20000, mtry factor = 13



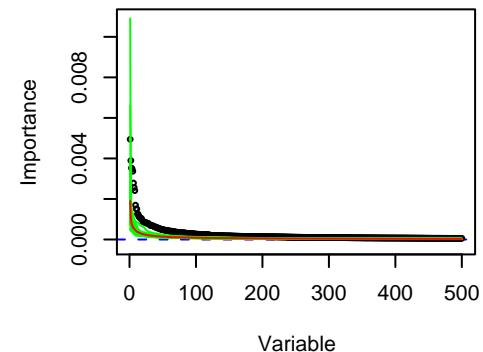
ntree = 5000, mtry factor = 1



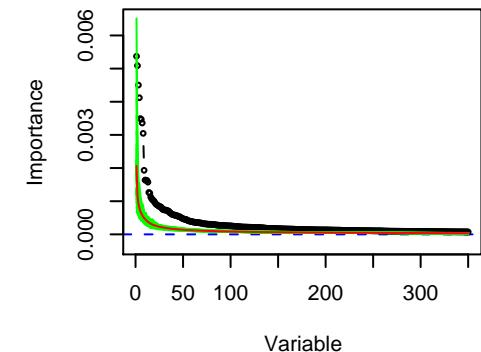
ntree = 5000, mtry factor = 5



ntree = 5000, mtry factor = 8

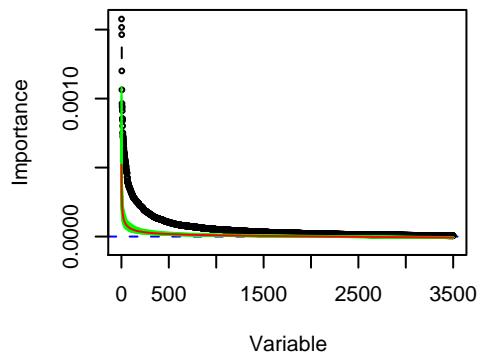


ntree = 5000, mtry factor = 13

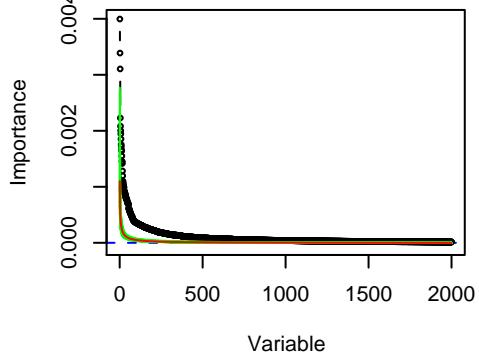


NCI 60

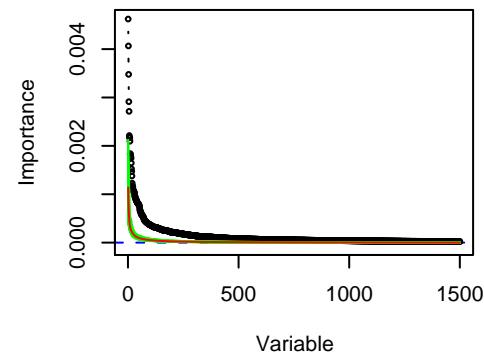
ntree = 40000, mtry factor = 1



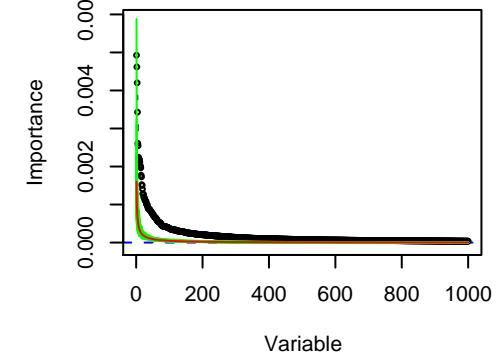
ntree = 40000, mtry factor = 5



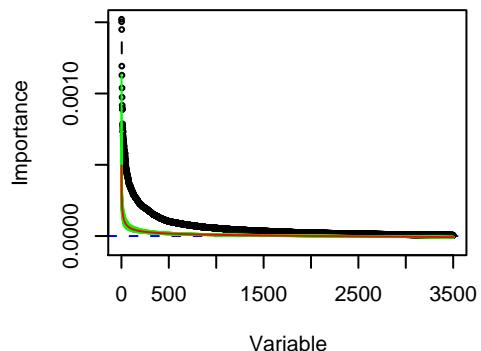
ntree = 40000, mtry factor = 8



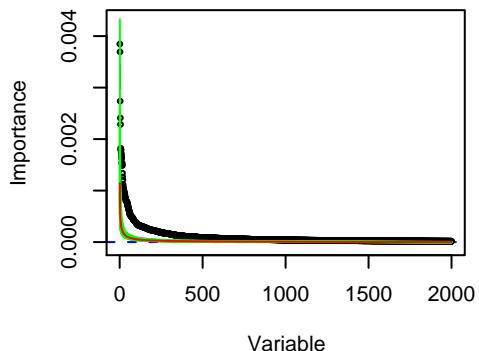
ntree = 40000, mtry factor = 13



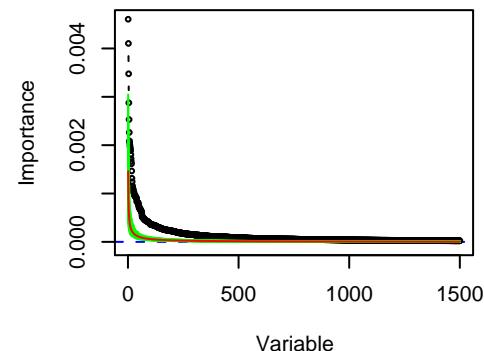
ntree = 20000, mtry factor = 1



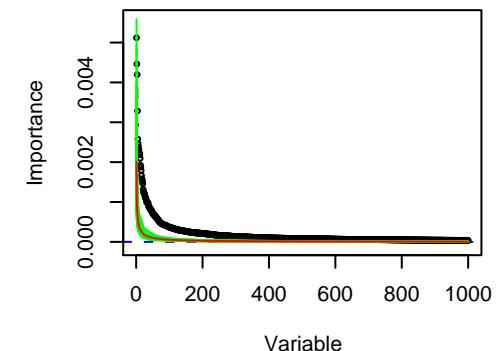
ntree = 20000, mtry factor = 5



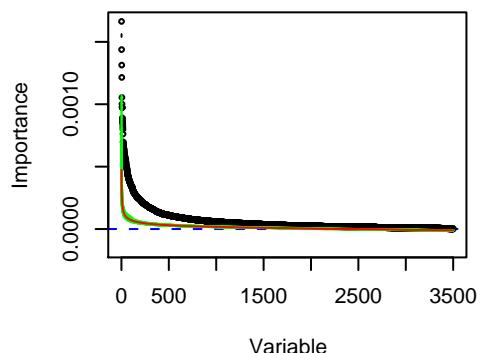
ntree = 20000, mtry factor = 8



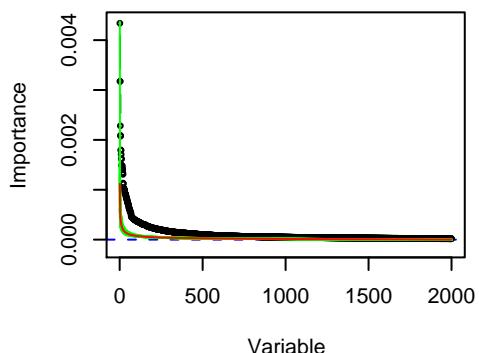
ntree = 20000, mtry factor = 13



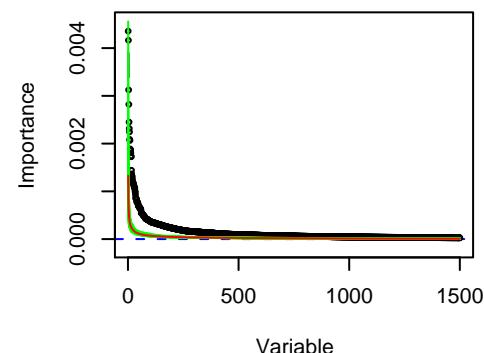
ntree = 5000, mtry factor = 1



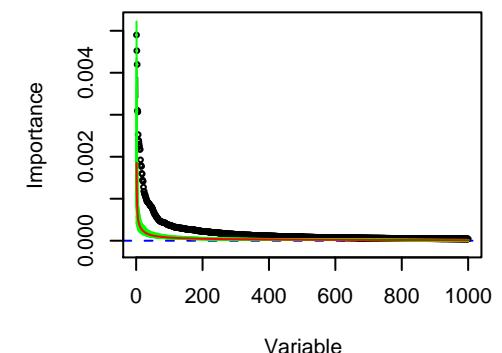
ntree = 5000, mtry factor = 5



ntree = 5000, mtry factor = 8

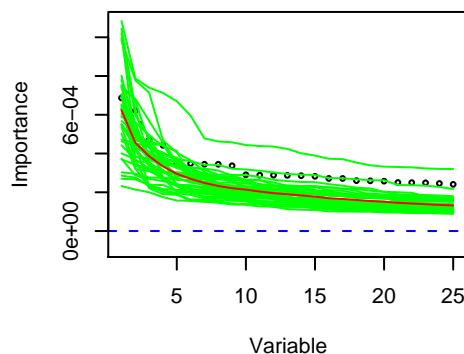


ntree = 5000, mtry factor = 13

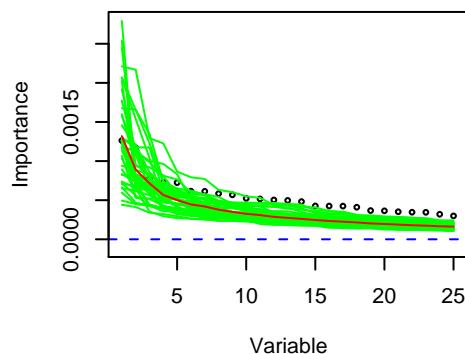


Adenocar.

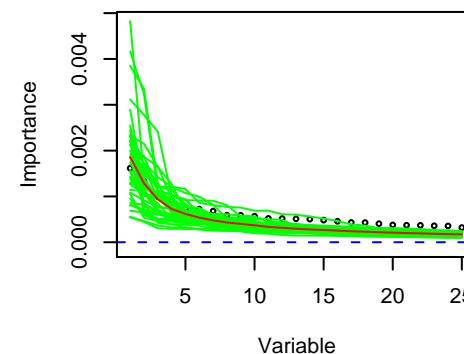
ntree = 40000, mtry factor = 1



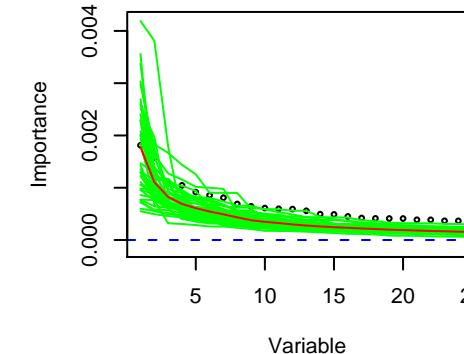
ntree = 40000, mtry factor = 5



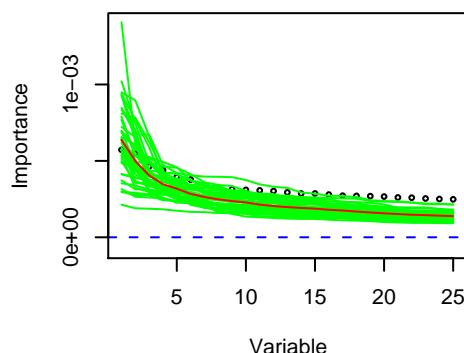
ntree = 40000, mtry factor = 8



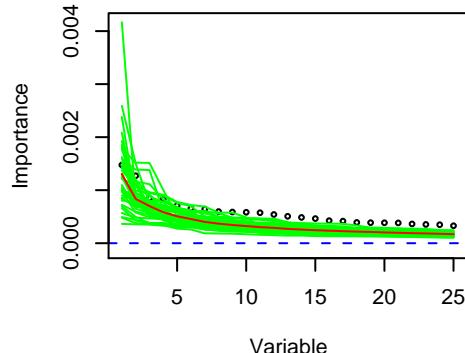
ntree = 40000, mtry factor = 13



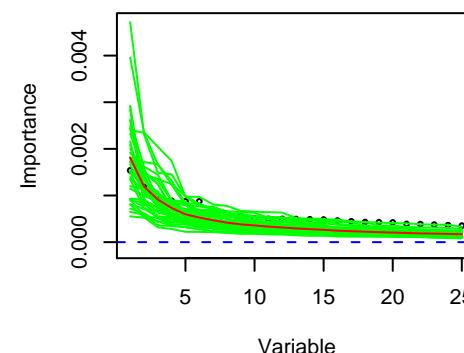
ntree = 20000, mtry factor = 1



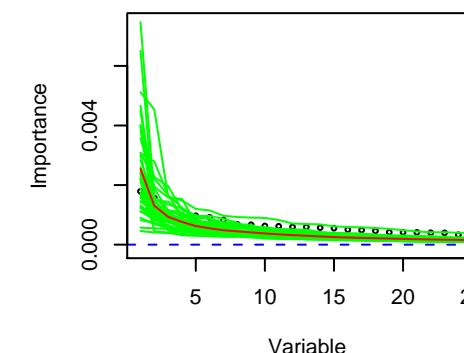
ntree = 20000, mtry factor = 5



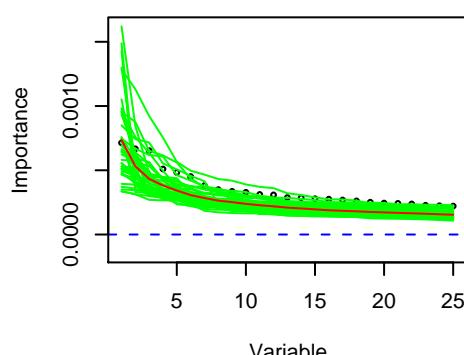
ntree = 20000, mtry factor = 8



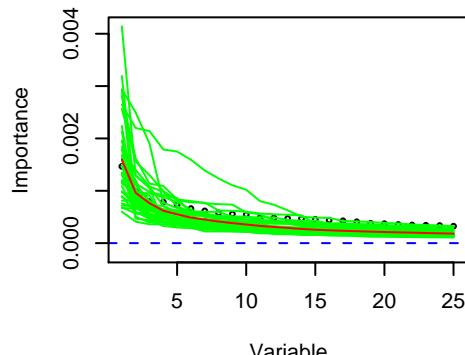
ntree = 20000, mtry factor = 13



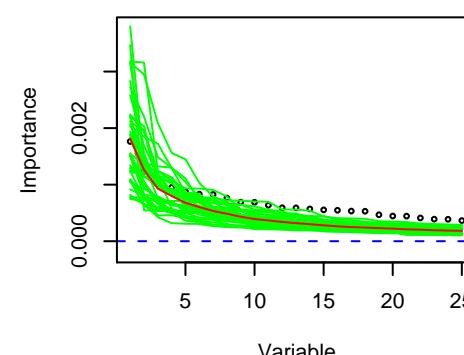
ntree = 5000, mtry factor = 1



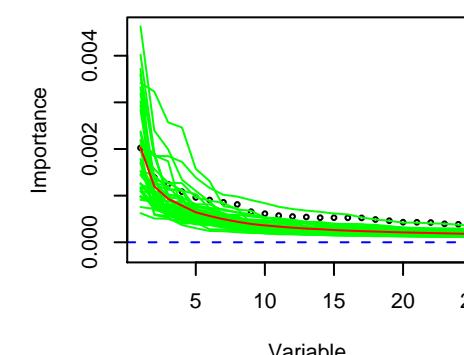
ntree = 5000, mtry factor = 5



ntree = 5000, mtry factor = 8

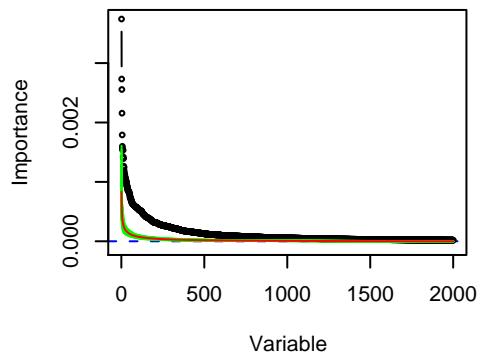


ntree = 5000, mtry factor = 13

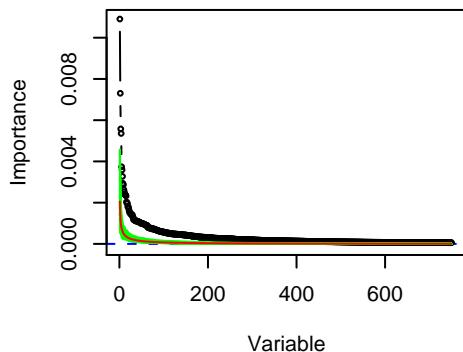


Brain

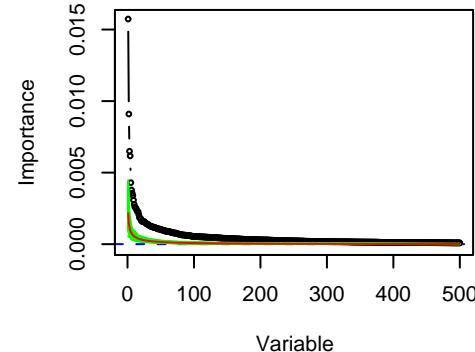
ntree = 40000, mtry factor = 1



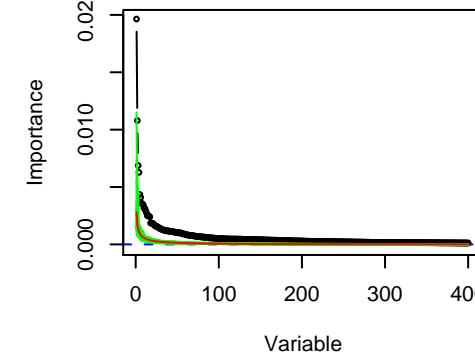
ntree = 40000, mtry factor = 5



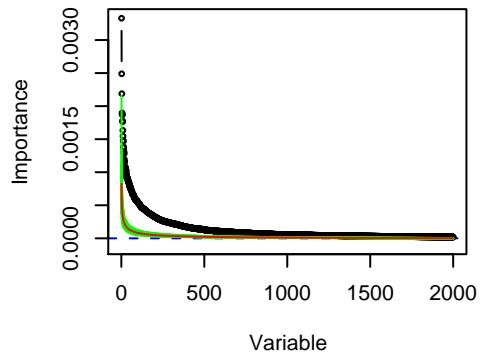
ntree = 40000, mtry factor = 8



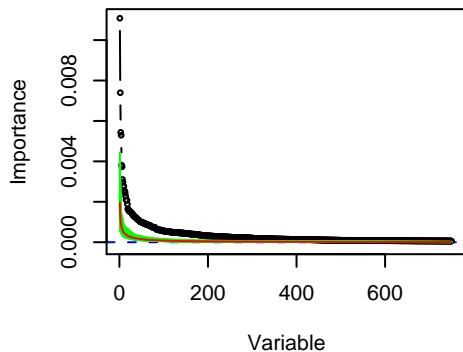
ntree = 40000, mtry factor = 13



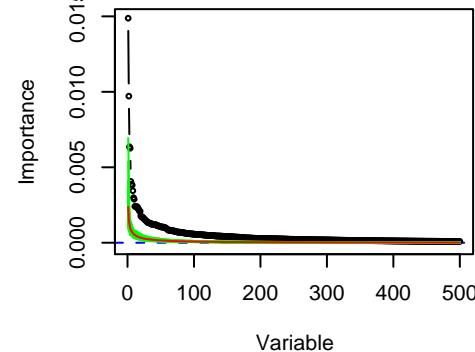
ntree = 20000, mtry factor = 1



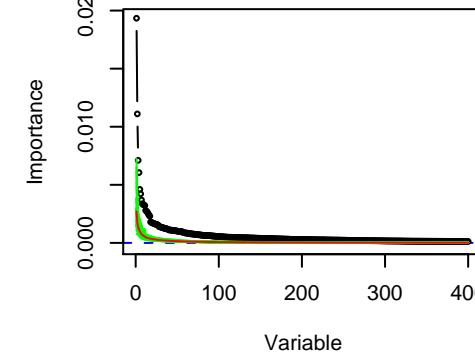
ntree = 20000, mtry factor = 5



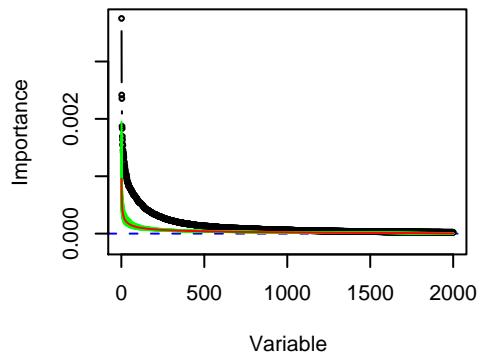
ntree = 20000, mtry factor = 8



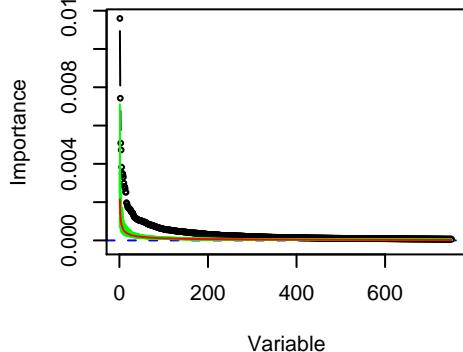
ntree = 20000, mtry factor = 13



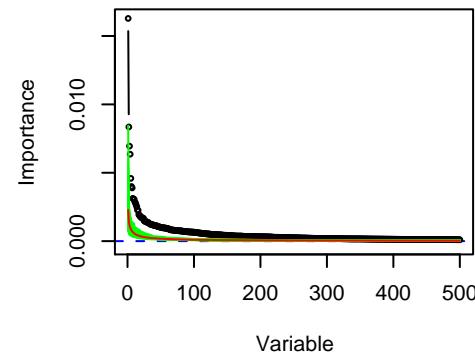
ntree = 5000, mtry factor = 1



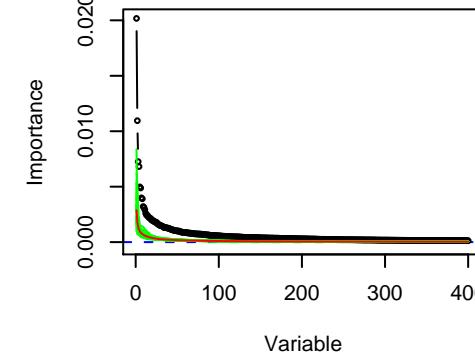
ntree = 5000, mtry factor = 5



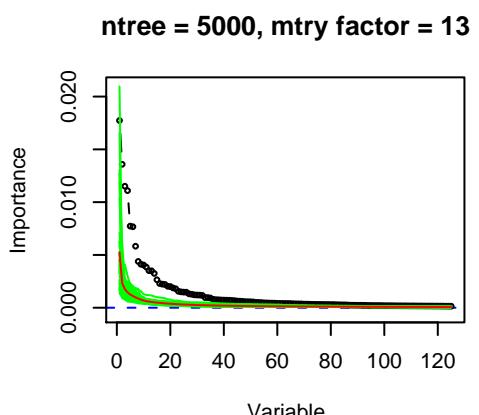
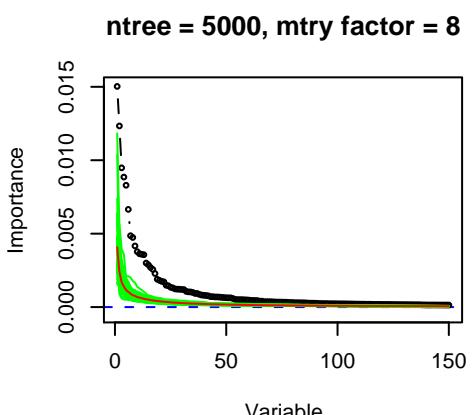
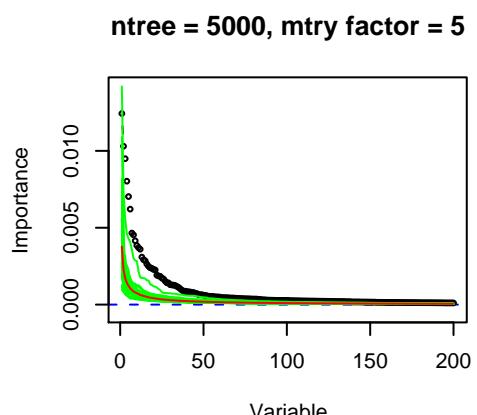
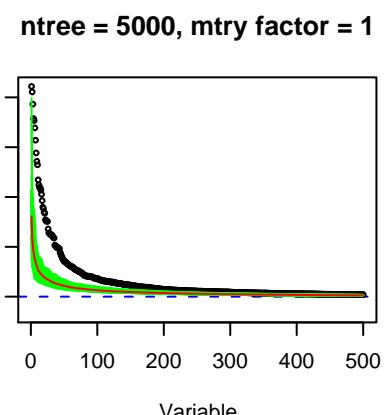
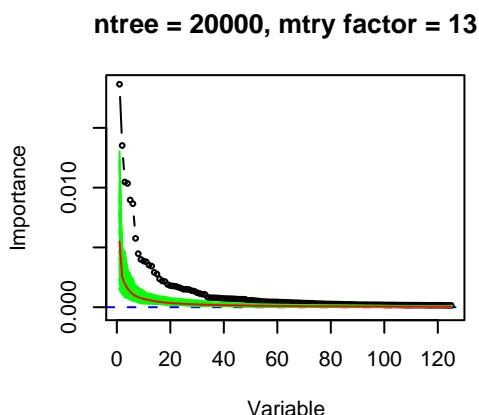
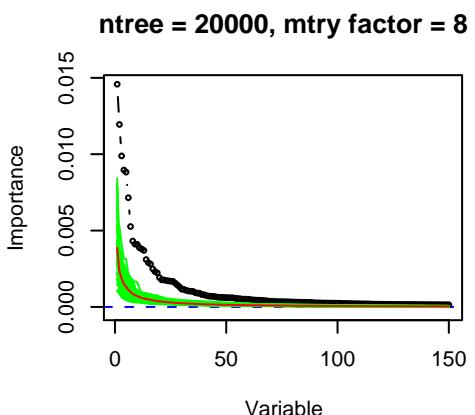
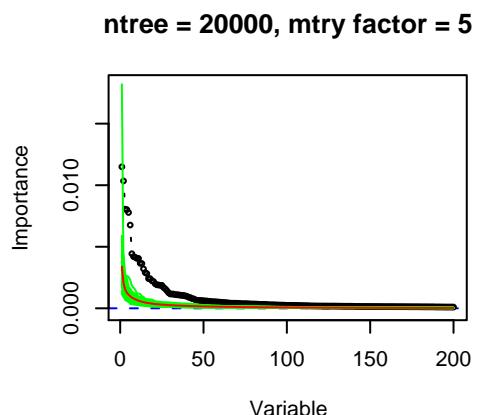
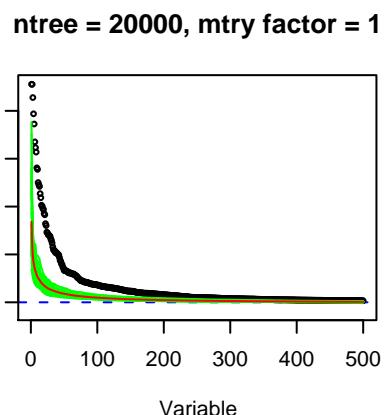
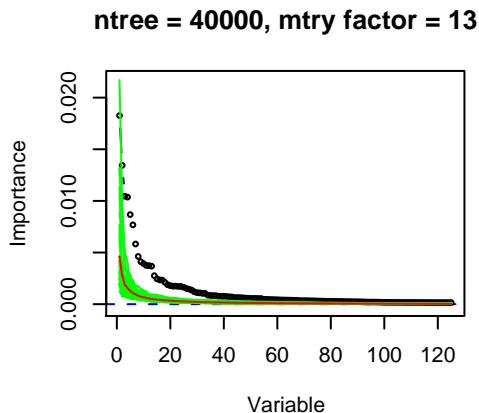
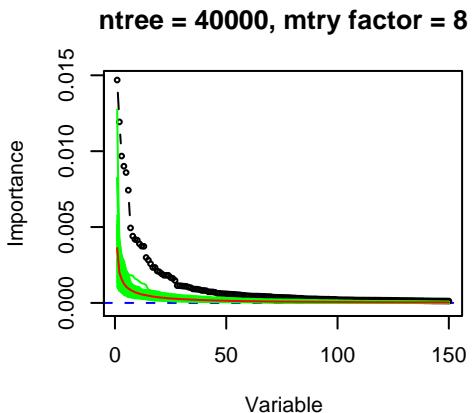
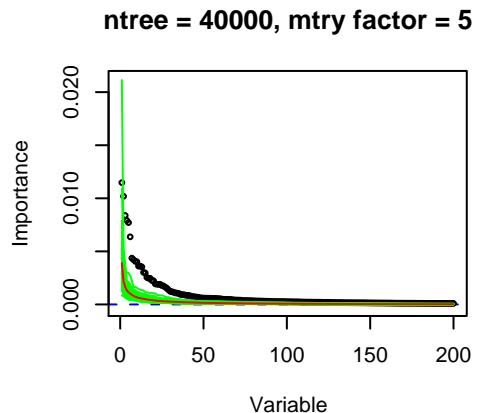
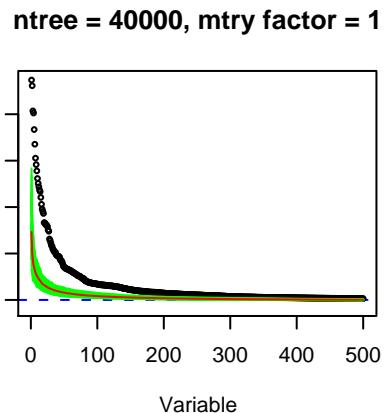
ntree = 5000, mtry factor = 8



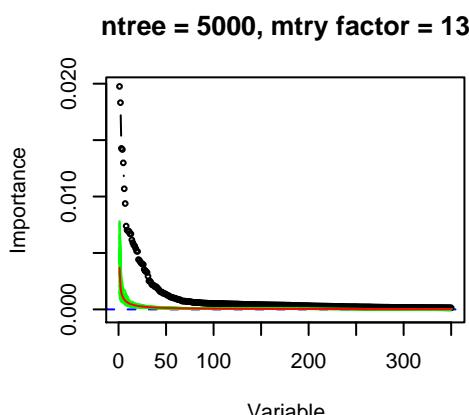
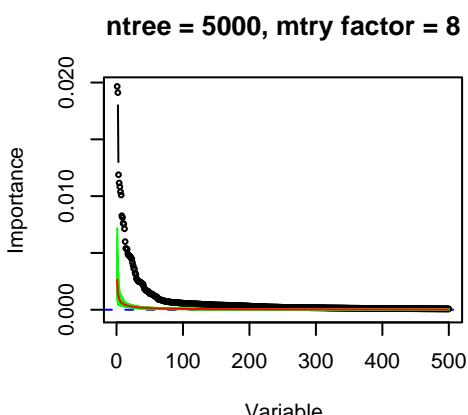
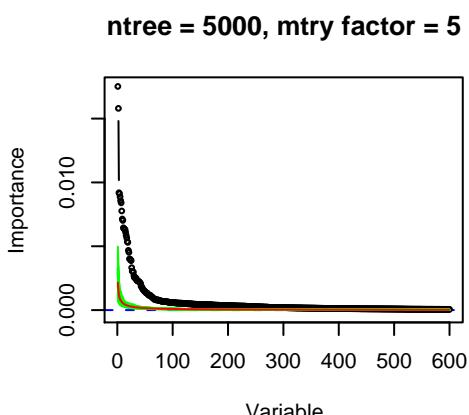
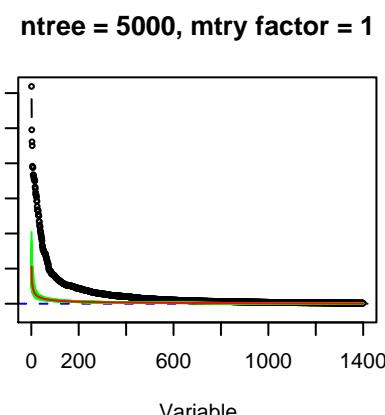
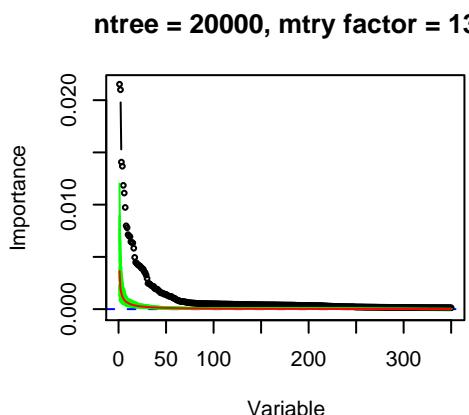
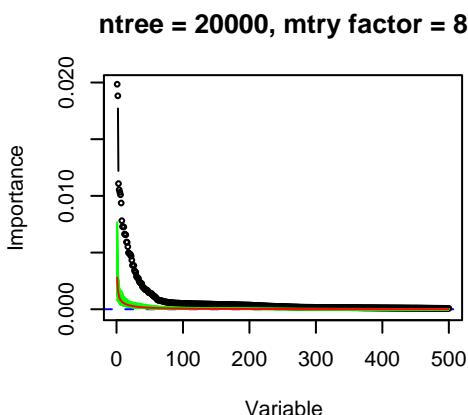
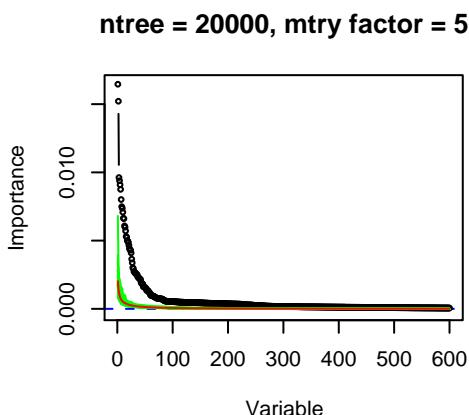
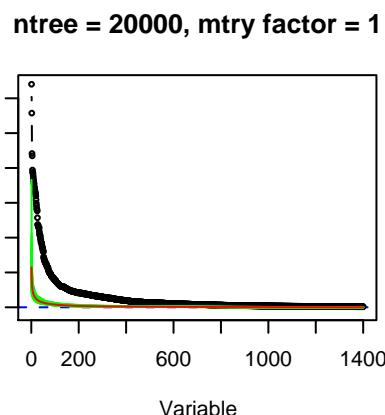
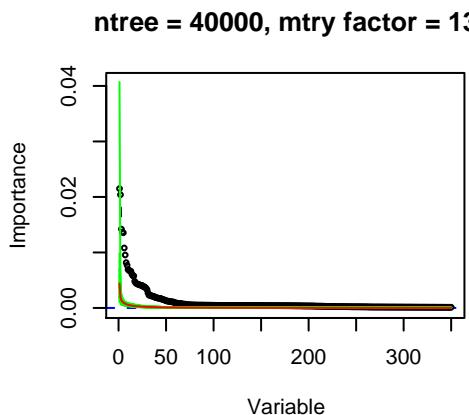
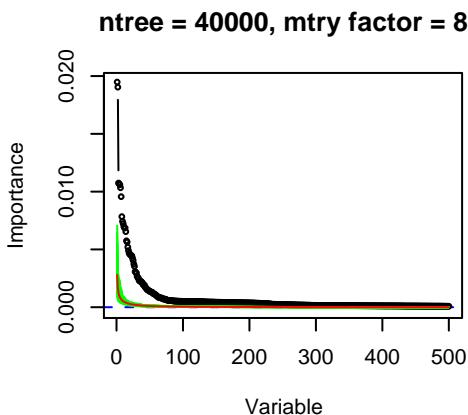
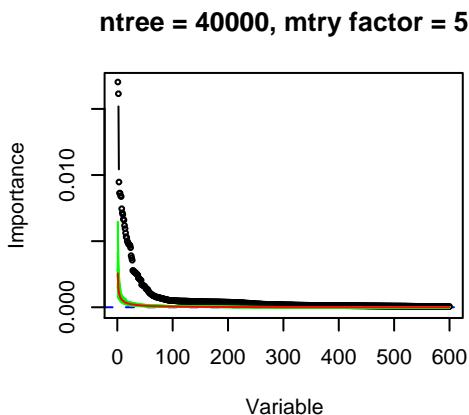
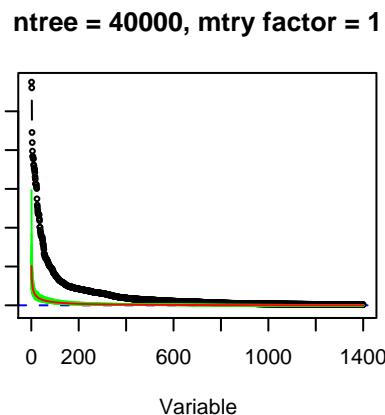
ntree = 5000, mtry factor = 13



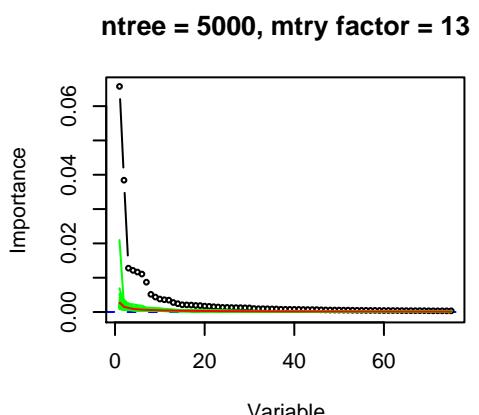
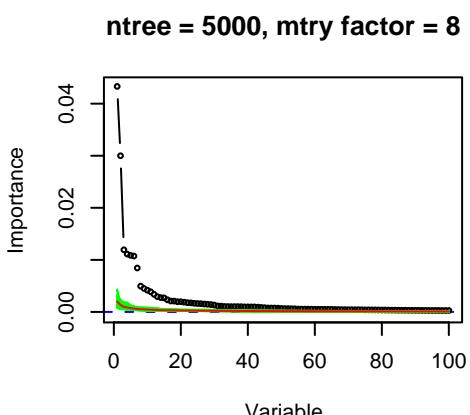
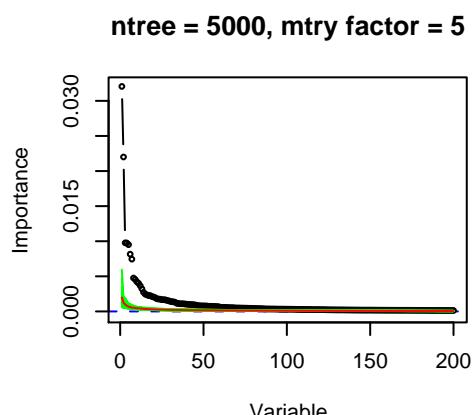
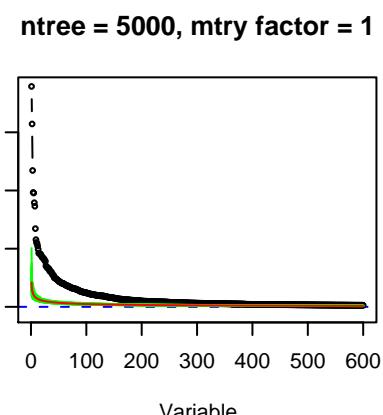
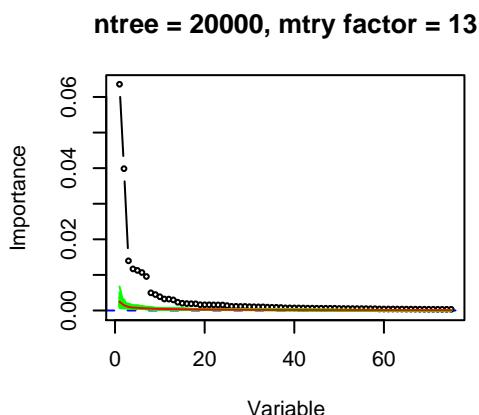
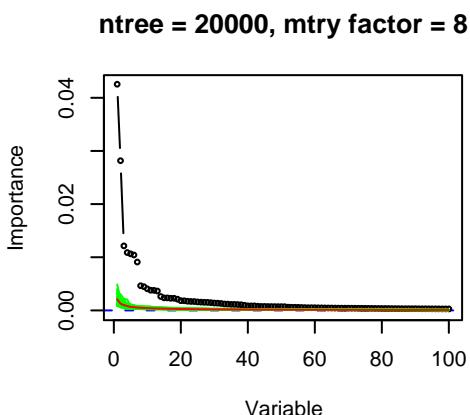
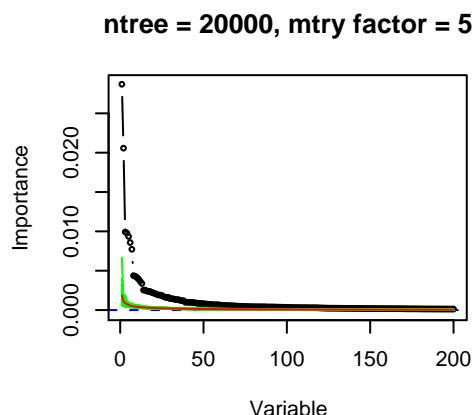
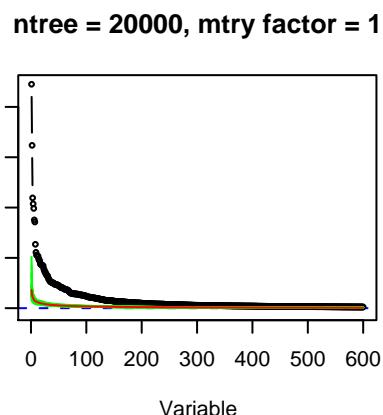
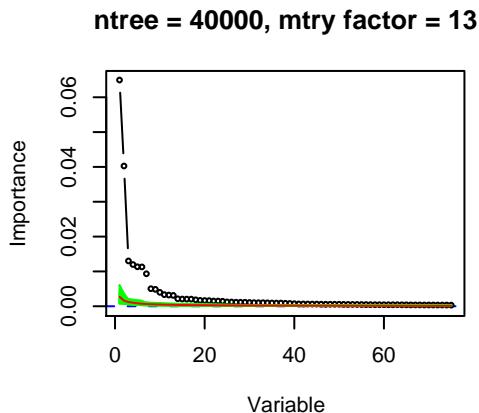
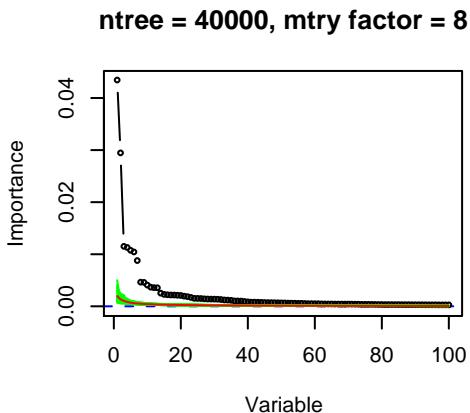
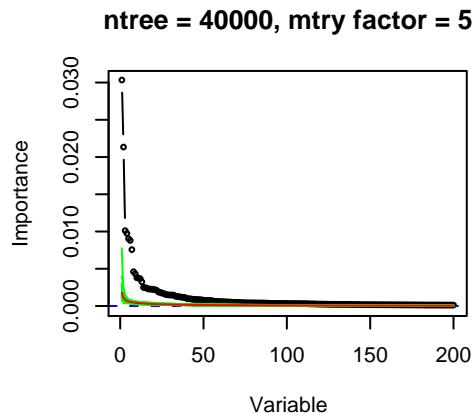
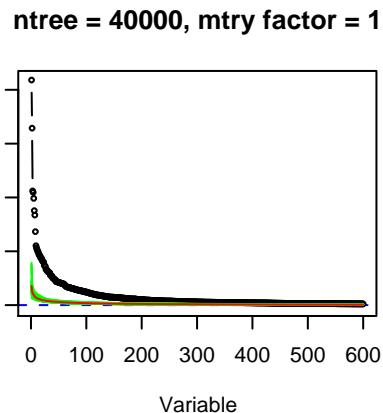
Colon



Lymphoma



Prostate



Srbct

