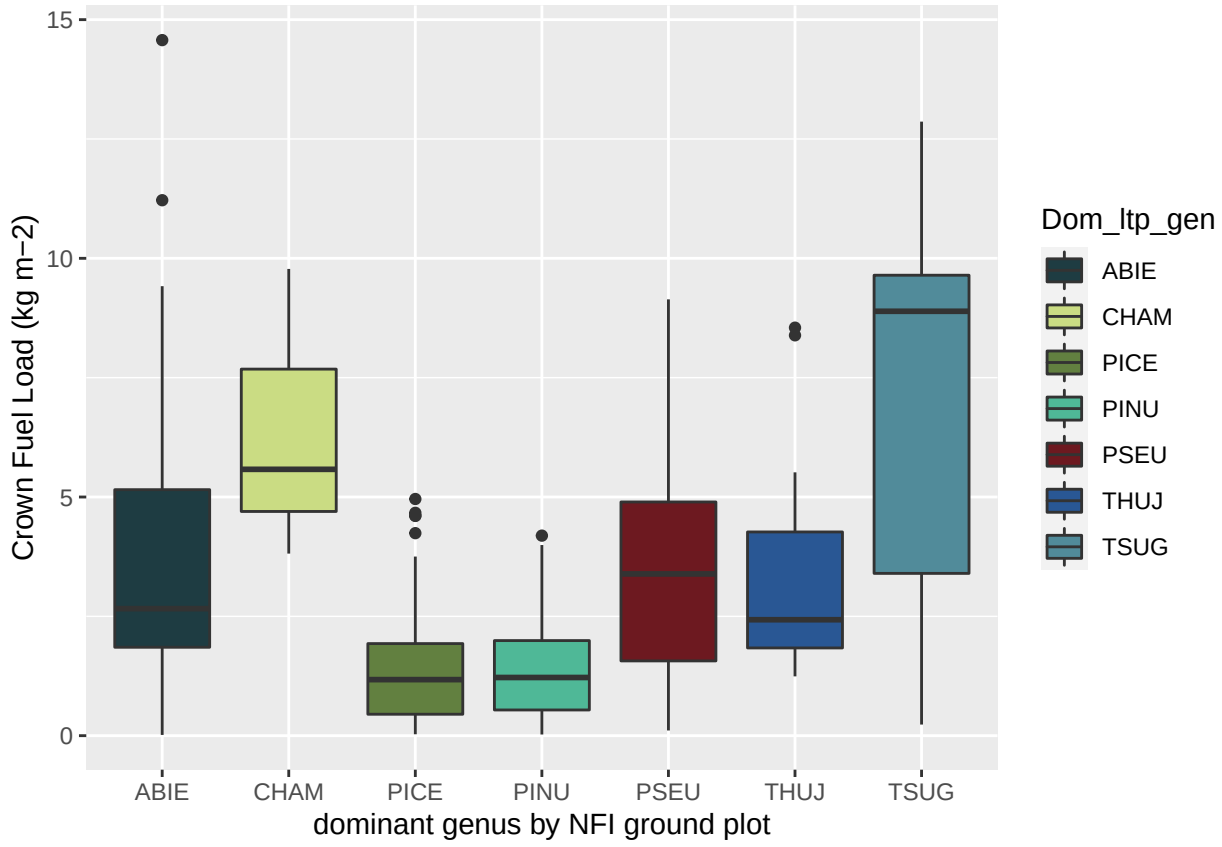
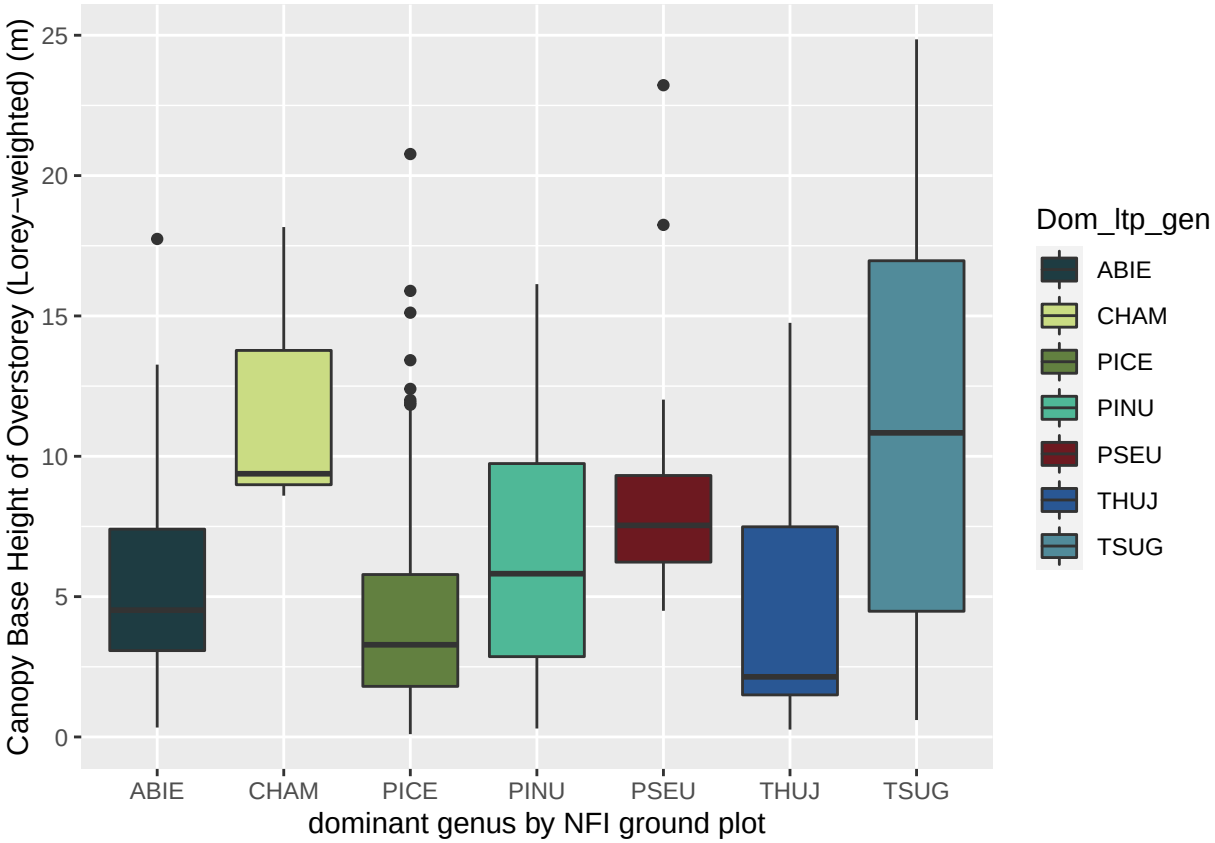
Can-Fuels-Viz

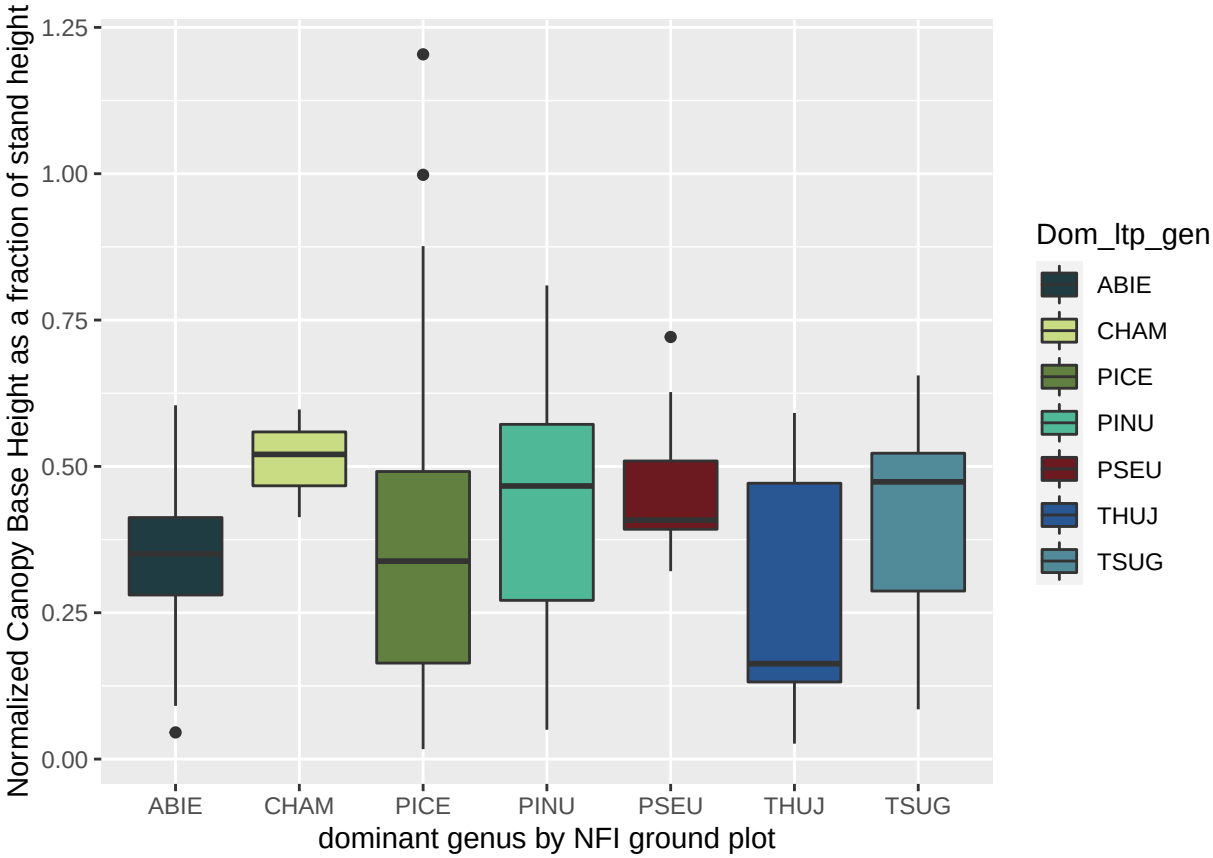
Canadian Forest Service Fire Danger Group

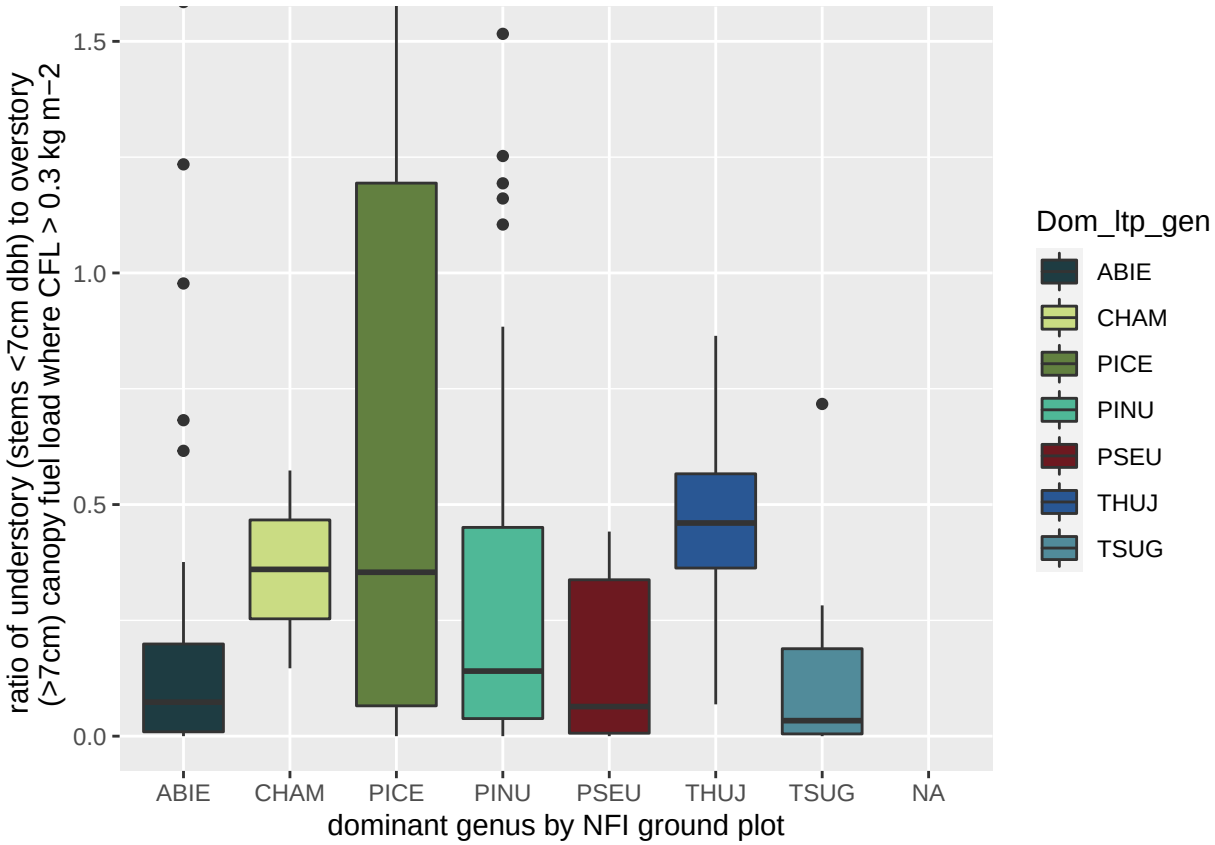
March 11 2021

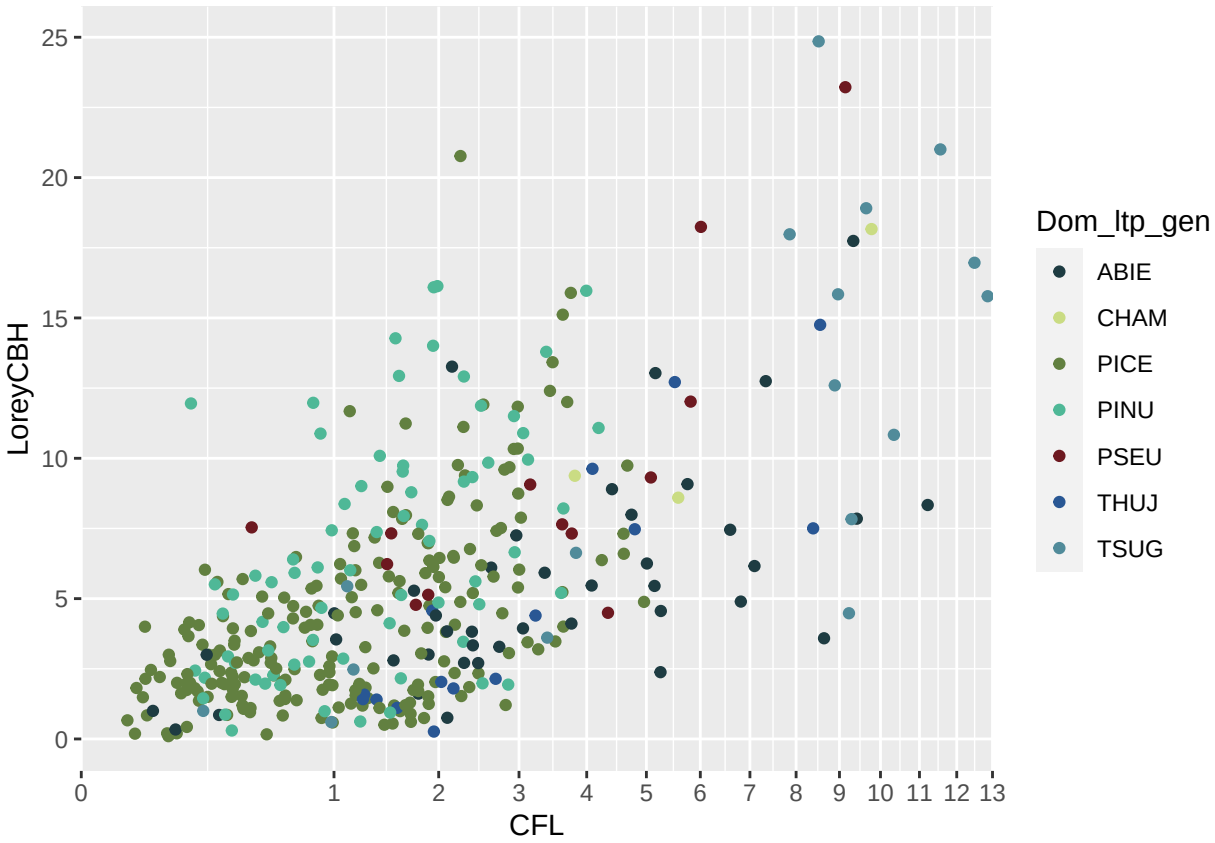
A survey of fuel structural metrics visualizations from the Canadian National Forest Inventory, now using the colour scheme by genera from the State of the Forest Report (https://cfs.nrcan.gc.ca/publications?id=40222)

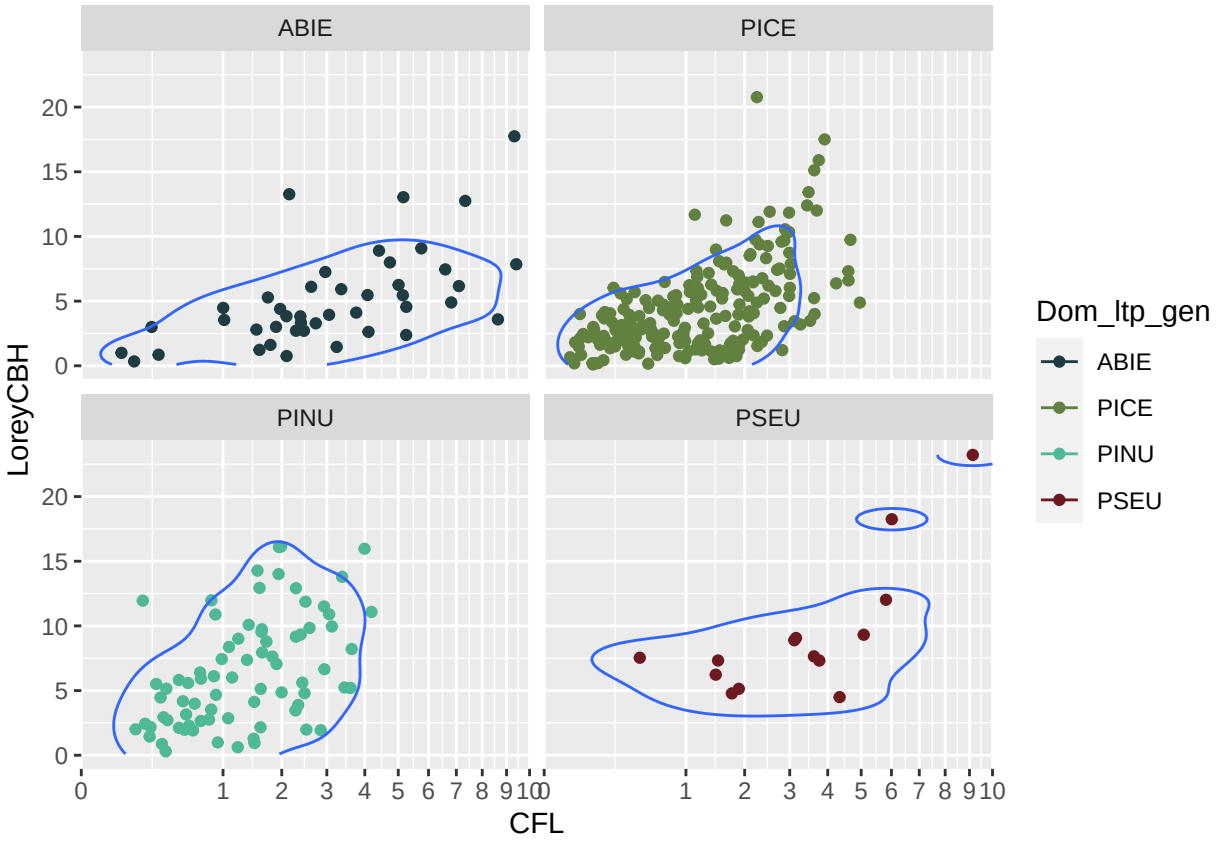



Canopy Base Height of Overstorey (Lorey−weighted) (m)
25
20
15
10
5
0
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG
dominant genus by NFI ground plot
Dom_ltp_gen
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG


Normalized Canopy Base Height as a fraction of stand height
1.25
1.00
0.75
0.50
0.25
0.00
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG
dominant genus by NFI ground plot
Dom_ltp_gen
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG


ratio of understory (stems <7cm dbh) to overstory (>7cm) canopy fuel load where CFL > 0.3 kg m−2
1.5
1.0
0.5
0.0
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG
NA
dominant genus by NFI ground plot
Dom_ltp_gen
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG


LoreyCBH
CFL
Dom_ltp_gen
ABIE
CHAM
PICE
PINU
PSEU
THUJ
TSUG



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.