# disturbance\_stem\_maps\_group\_c Jeff Atkins April 4, 2019

### Disturbance Stem Maps

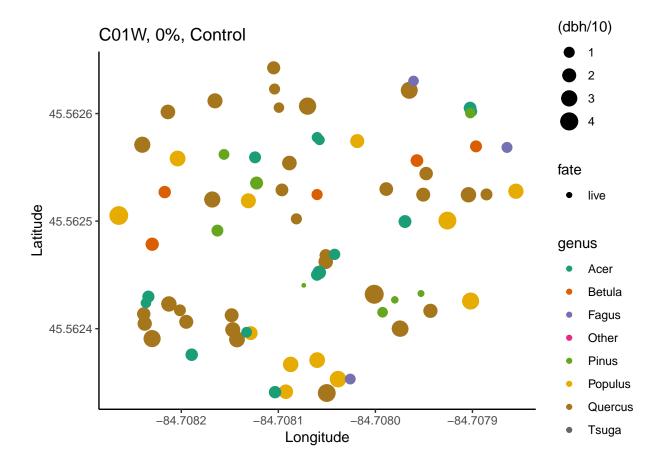
The following document produces stem maps that assign mortality and treatments DRAFT DRAFT DRAFT

### C01

```
## C01E, 0%, Control
##
## live
##
   100
                                                                                         (dbh/10)
            C01E - Control
                                                                                              3
    45.5626
                                                                                        fate
                                                                                              live
                                                                                         genus
    45.5625
                                                                                              Acer
                                                                                              Betula
                                                                                              Fagus
                                                                                              Other
    45.5624
                                                                                              Pinus
                                                                                              Populus
                                                                                              Quercus
              -84.7077
                                            -84.<del>7</del>075
                                                          -84.7074
                             -84.7076
                                                                          -84.7073
                                                                                              Tsuga
                                           Longitude
```

```
## CO1W, 0%, Control
```

## live ## 75



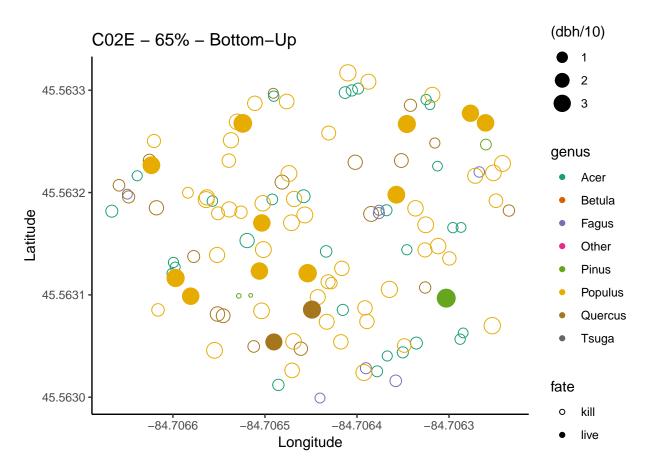
# C02

## C02E, 65%, bottom-down

##

## kill live

## 106 14

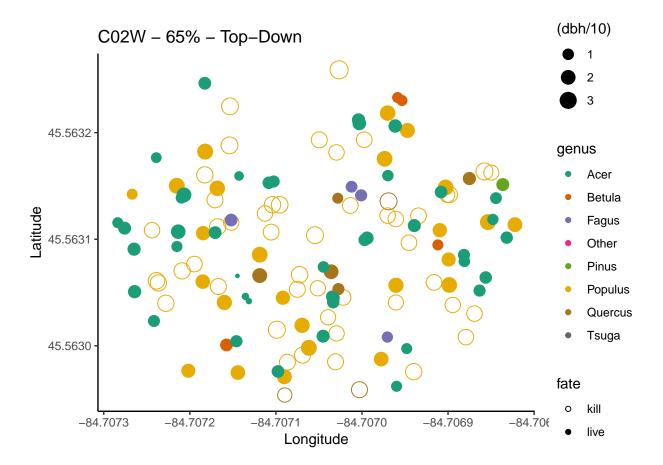


## CO2W, 65%, Top-Down

##

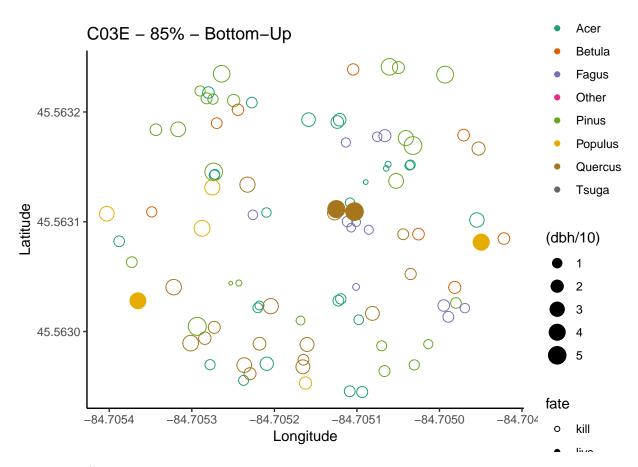
## kill live

## 50 81



# C03

## CO3E, 85%, Bottom-Up
##
## kill live
## 91 4

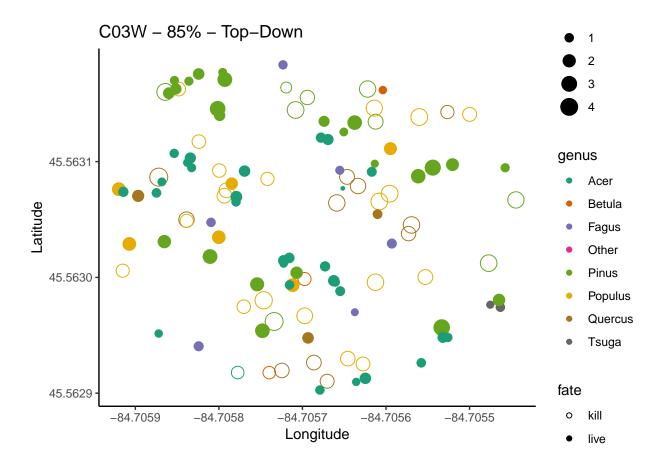


## CO3W, 85%, Top-Down

##

## kill live

## 43 71



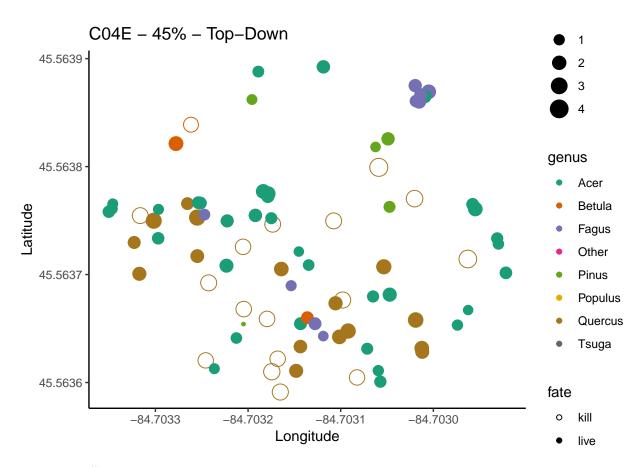
# C04

## CO4E, 45%, top-down

##

## kill live

## 17 66

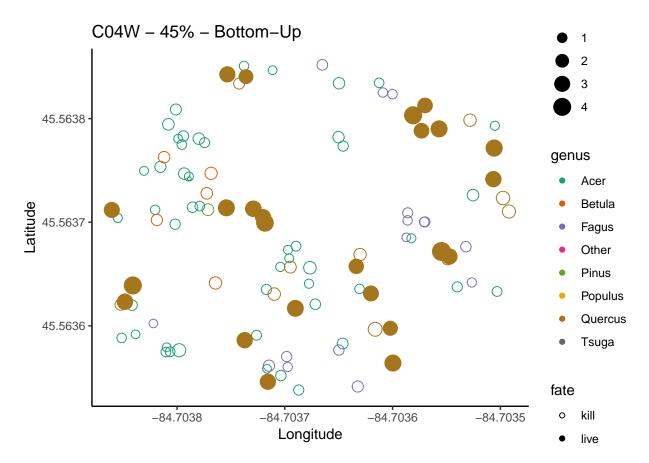


## CO4W, 45%, Bottom-Down

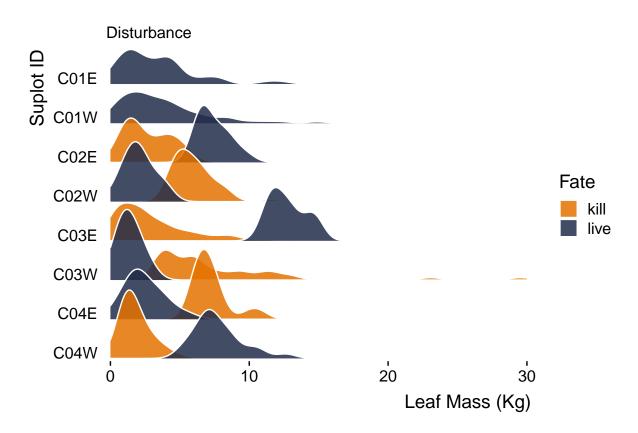
##

## kill live

## 81 24



## Picking joint bandwidth of 0.707



```
## Total mortality count
```

##

## kill live

## 388 435

## Estimated total number of trees killed for all 0.5 ha plots combined in Group C

## [1] 970

