EDA

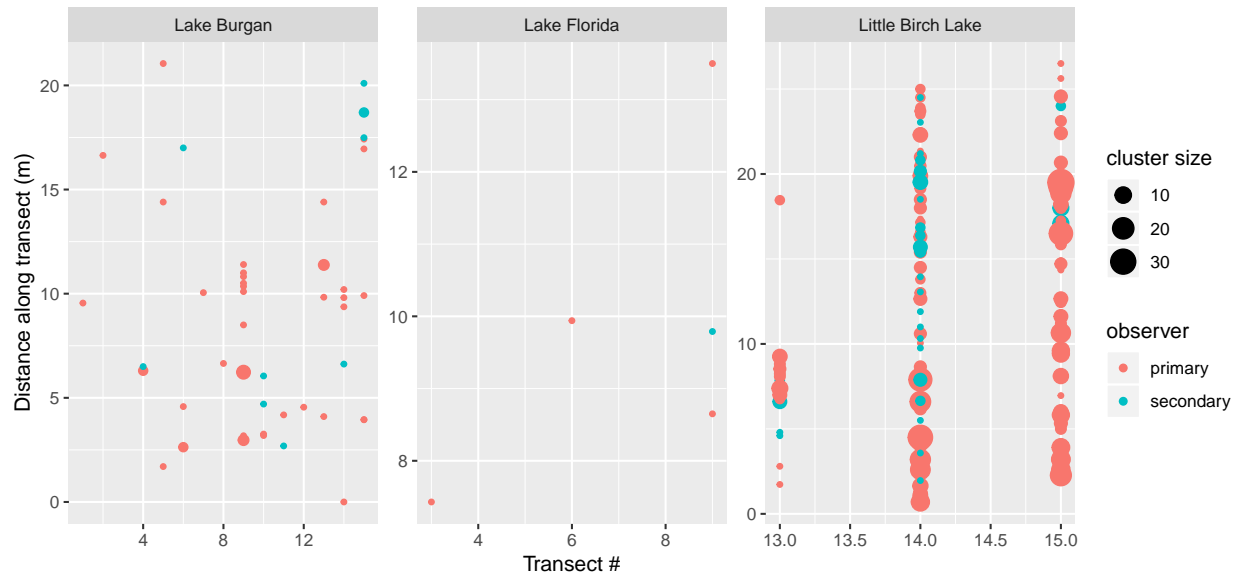## Double observer - no distance

Cluster sizes by lake and observer

```
## # A tibble: 6 x 6
## # Groups:   Lake name [?]
##   `Lake name`       observer  mean.num med.num min.num max.num
##   <chr>             <chr>        <dbl>   <dbl>   <dbl>   <dbl>
## 1 Lake Burgan       primary       1.29      1.      1.      6.
## 2 Lake Burgan       secondary     1.11      1.      1.      2.
## 3 Lake Florida      primary       1.00      1.      1.      1.
## 4 Lake Florida      secondary     1.00      1.      1.      1.
## 5 Little Birch Lake primary       5.97      4.      1.     33.
## 6 Little Birch Lake secondary     2.34      1.      1.      9.
```
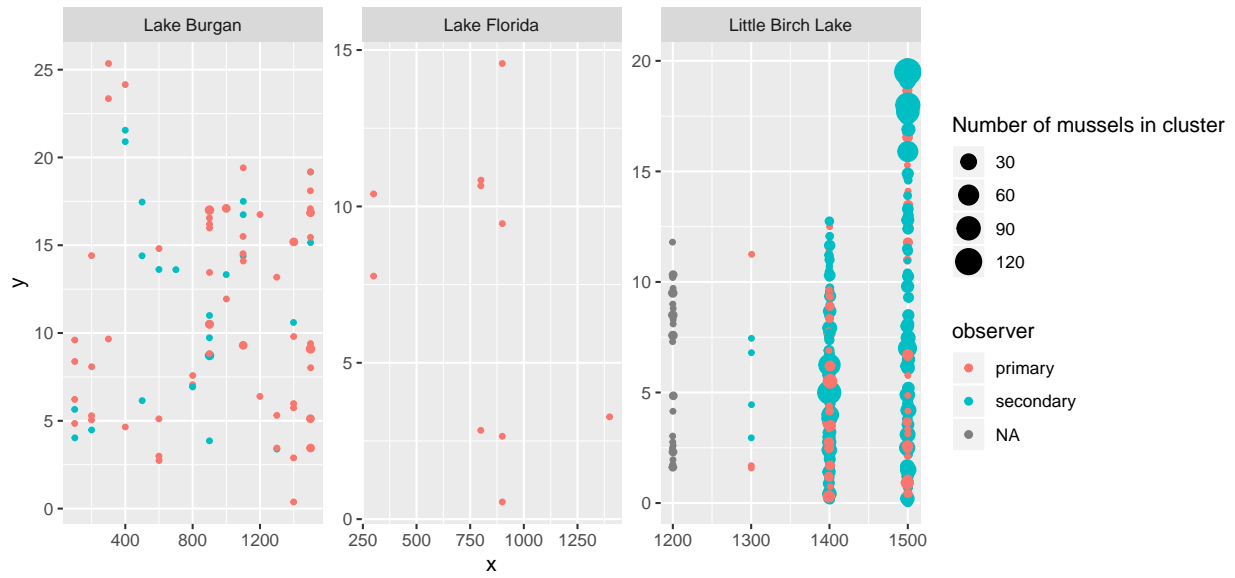

Distance data

cluster size by lake and observer - little birch primary/secondary observers look like they are switched.

```
## # A tibble: 6 x 6
## # Groups:   Lake name [?]
##   `Lake name`       observer  mean.num med.num min.num max.num
##   <chr>             <chr>        <dbl>   <dbl>   <dbl>   <dbl>
## 1 Lake Burgan       primary       1.21      1.      1.      3.
## 2 Lake Burgan       secondary     1.09      1.      1.      3.
## 3 Lake Florida      primary       1.00      1.      1.      1.
## 4 Little Birch Lake primary       3.40      2.      1.     19.
## 5 Little Birch Lake secondary    11.4       6.      1.    123.
## 6 Little Birch Lake <NA>          1.42      1.      1.      3.
```

Distance sampling – Little Birch looks off!

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