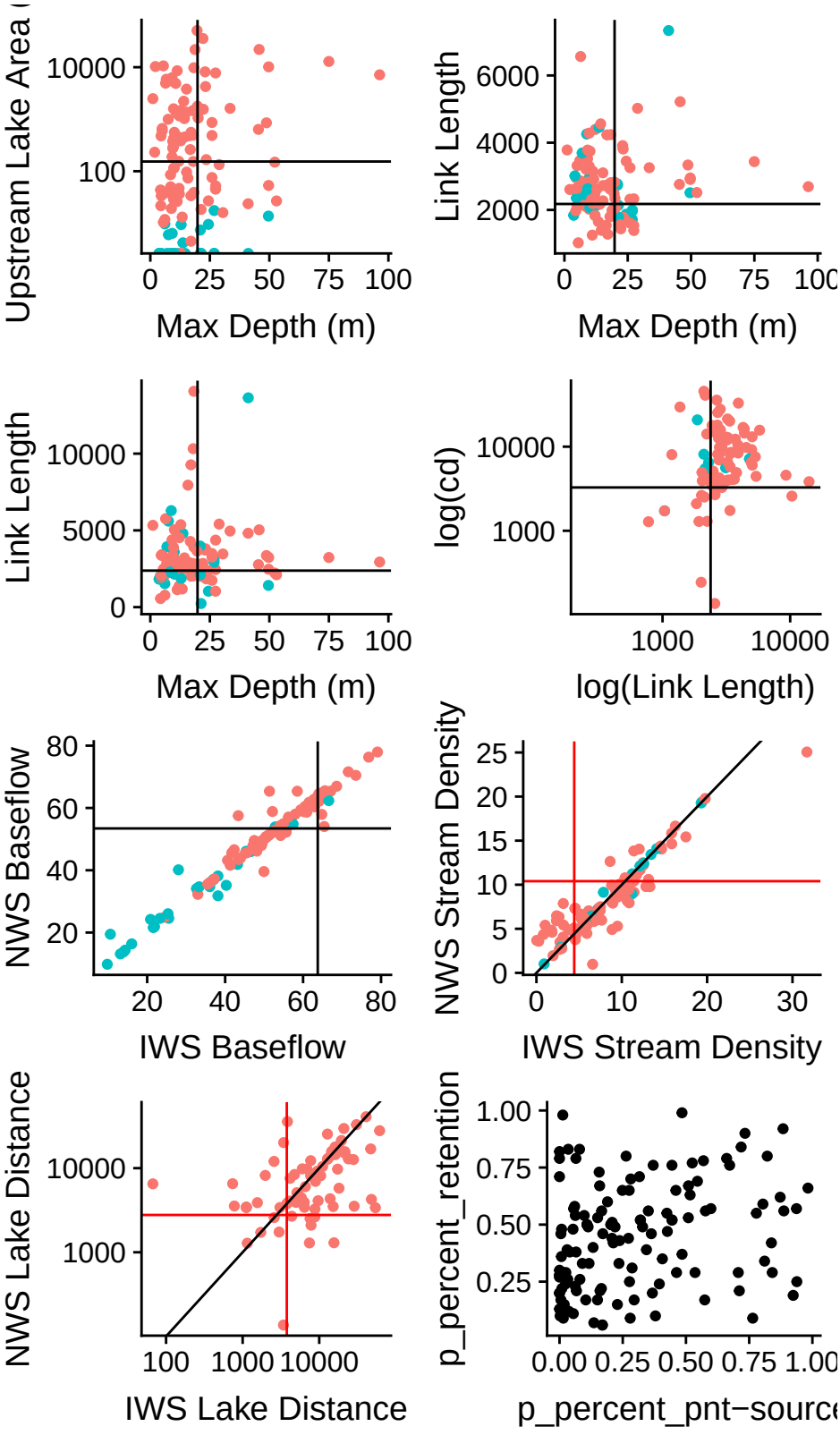


Figure 1: Exploratory plots

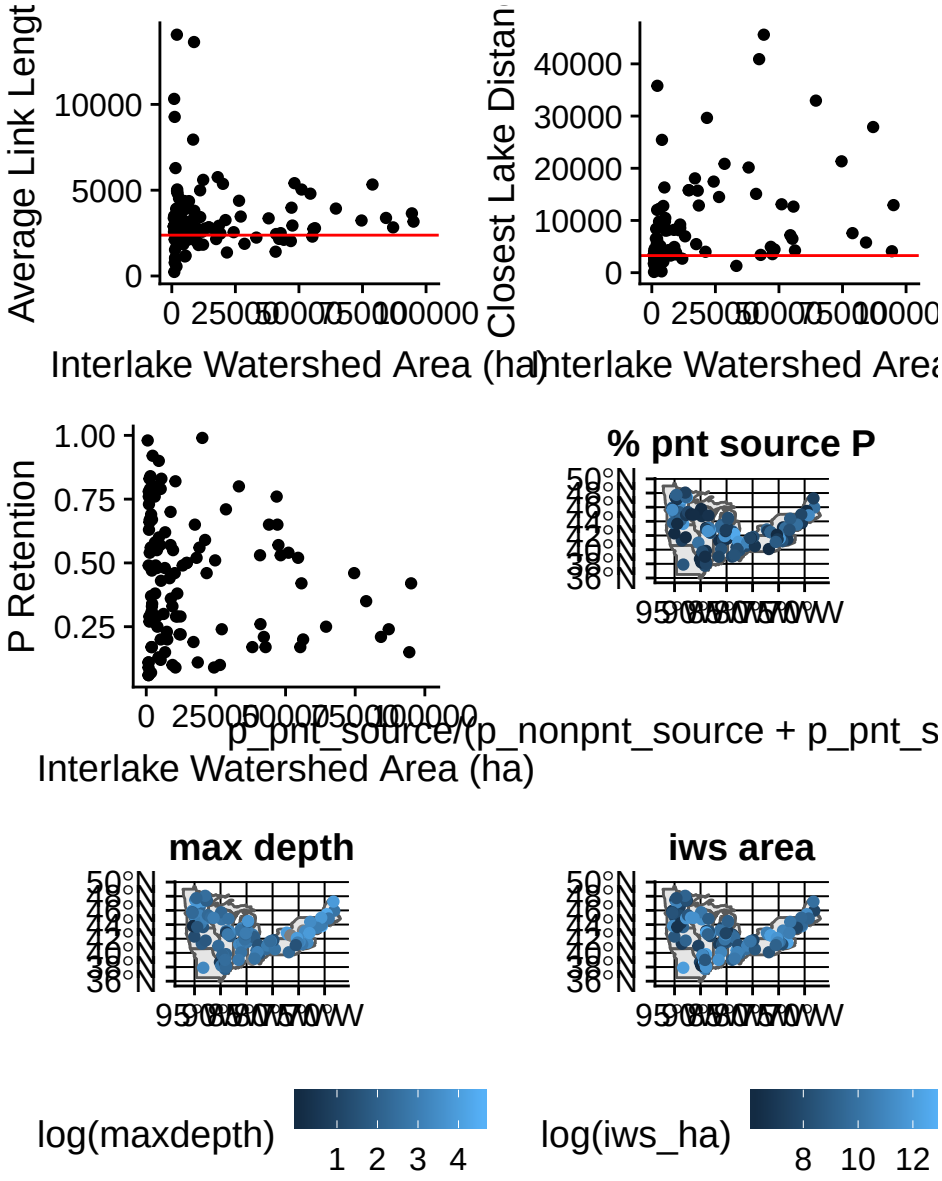


Figure 2: Exploratory plots cont

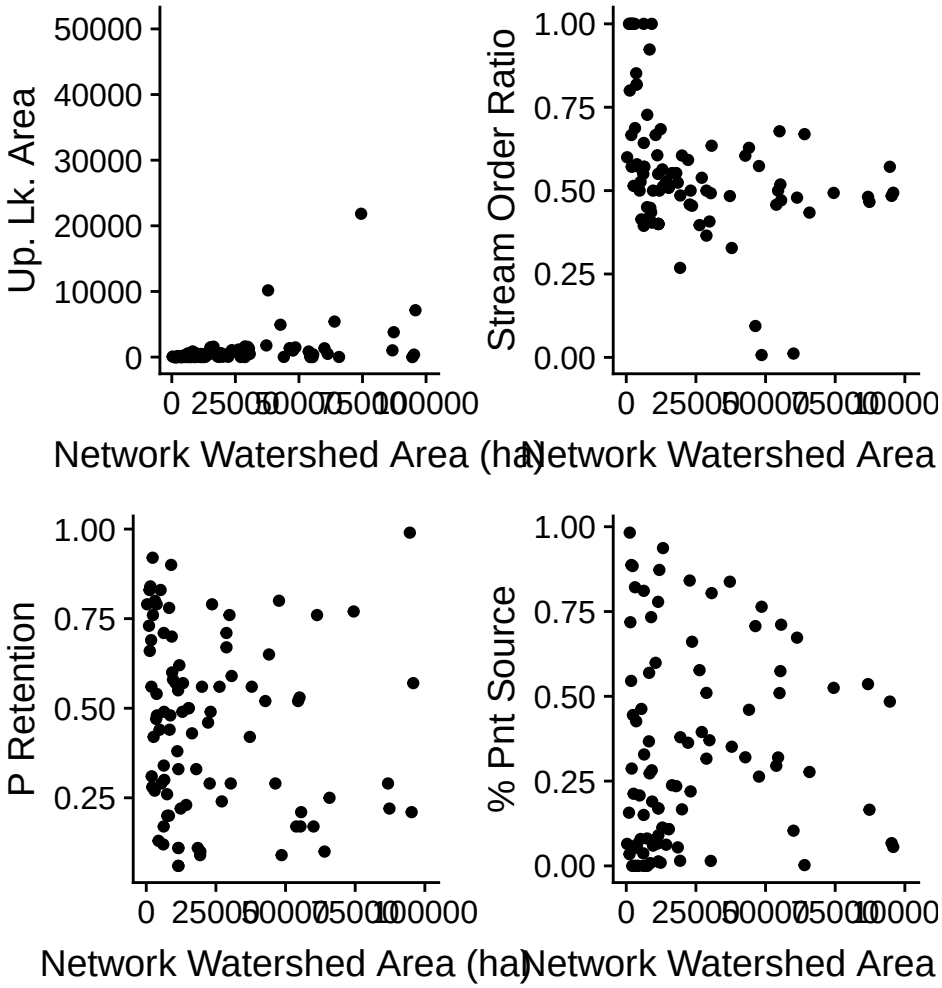
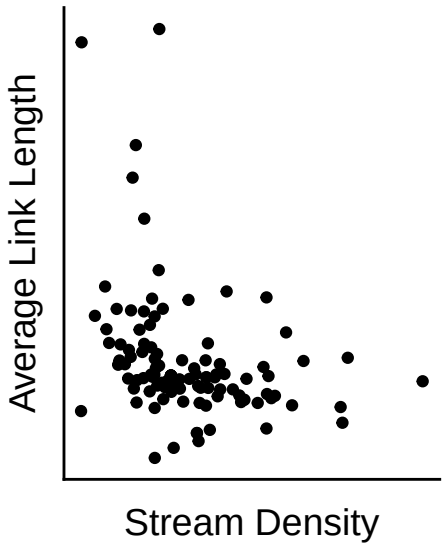
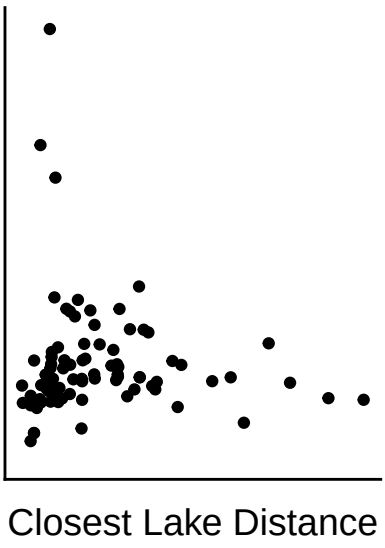
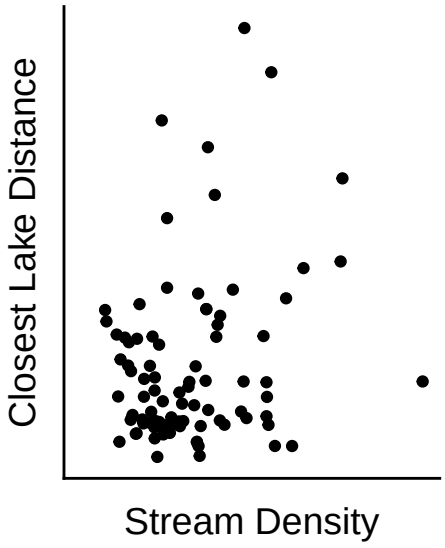


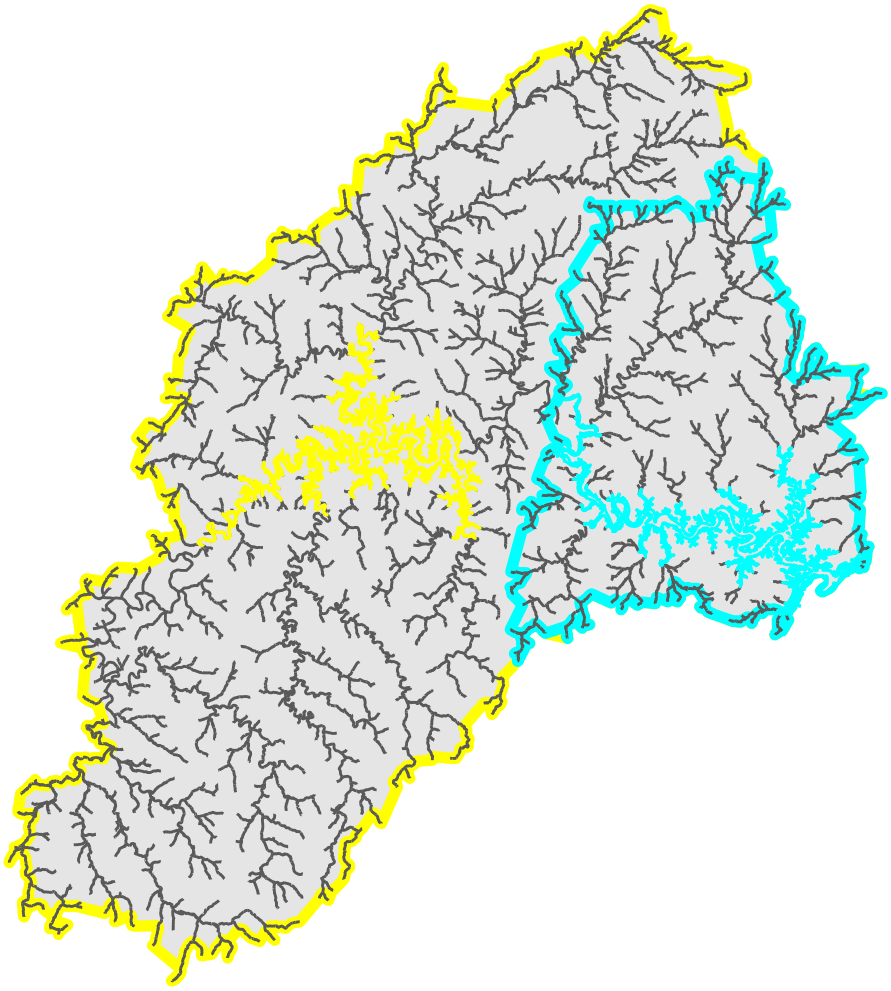
Figure 3: Exploratory plots cont x 2



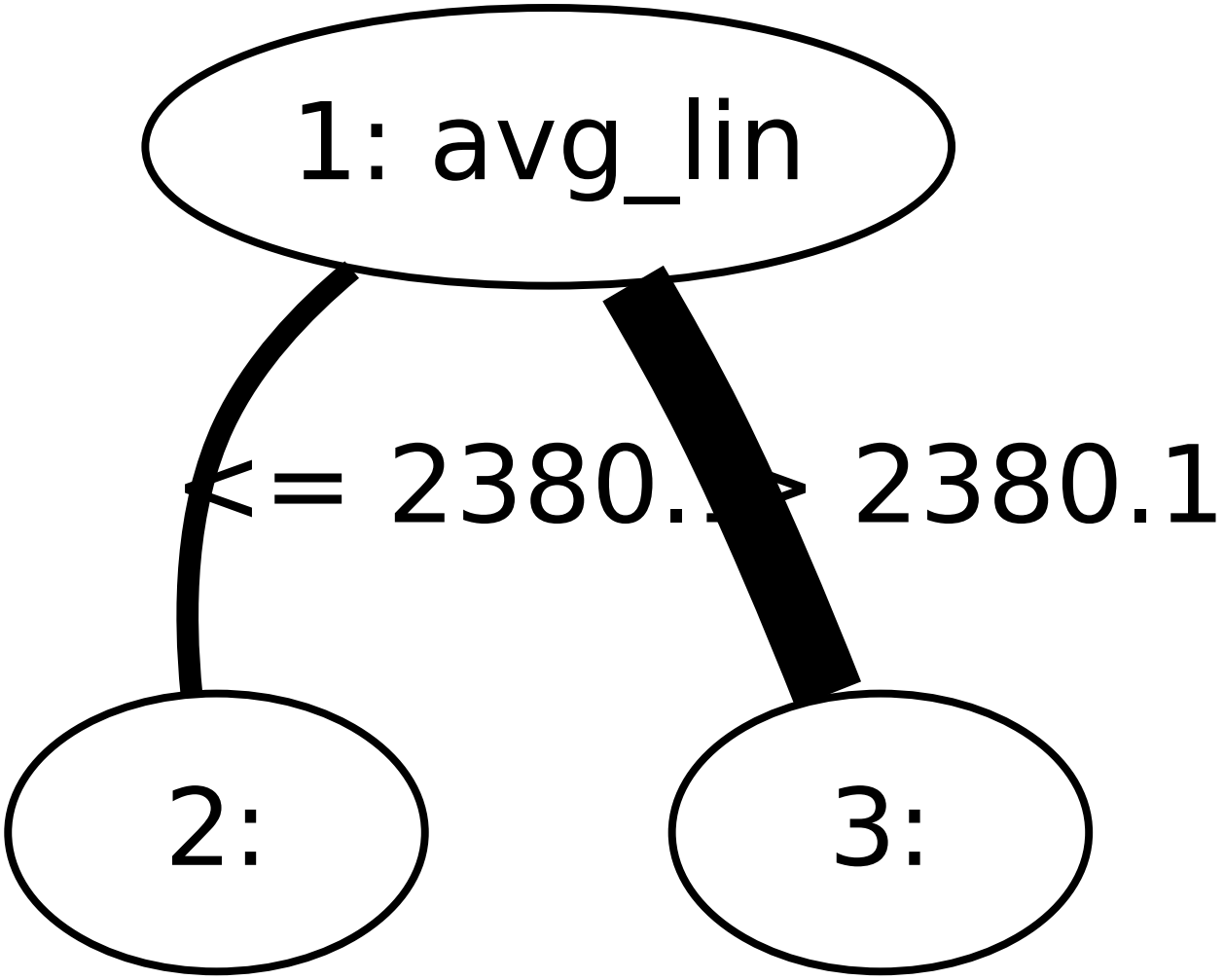





```
## Loading required package: maps
```

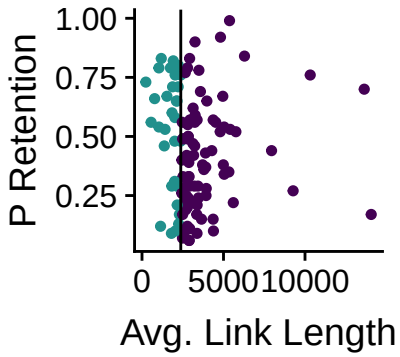


Link Length




```
results_table <- read.csv("../scripts/table_1.csv", stringsAsFactors = FALSE)
ll_split <- dplyr::filter(results_table,
                          nws_names == "avg_link_length" &
                          scale == "nws")$splits

nes_nws <- mutate(nes_nws, grp = ifelse(avg_link_length > ll_split,
                                  "Higher", "Lower"))

ggplot(data = dplyr::filter(nes_nws,
                      !is.na(avg_link_length))) +
        geom_point(aes(x = avg_link_length,
                                      y = p_percent_retention,
                                      color = grp),
                                  size = 1.3) +
  scale_color_manual(values = c(viridis::viridis(1, begin = 0),
                      viridis::viridis(1, begin = 0.5))) +
  ylab("P Retention") + xlab("Avg. Link Length") +
```

```
  geom_vline(xintercept = ll_split) +
  theme(legend.position = "none")
```