

Assignment 3

Rucha Thakar

May 19, 2017

Figure 1: Climate Data Visualization

```
grid.arrange(plotx, ploty, nrow =1, ncol =2)
```

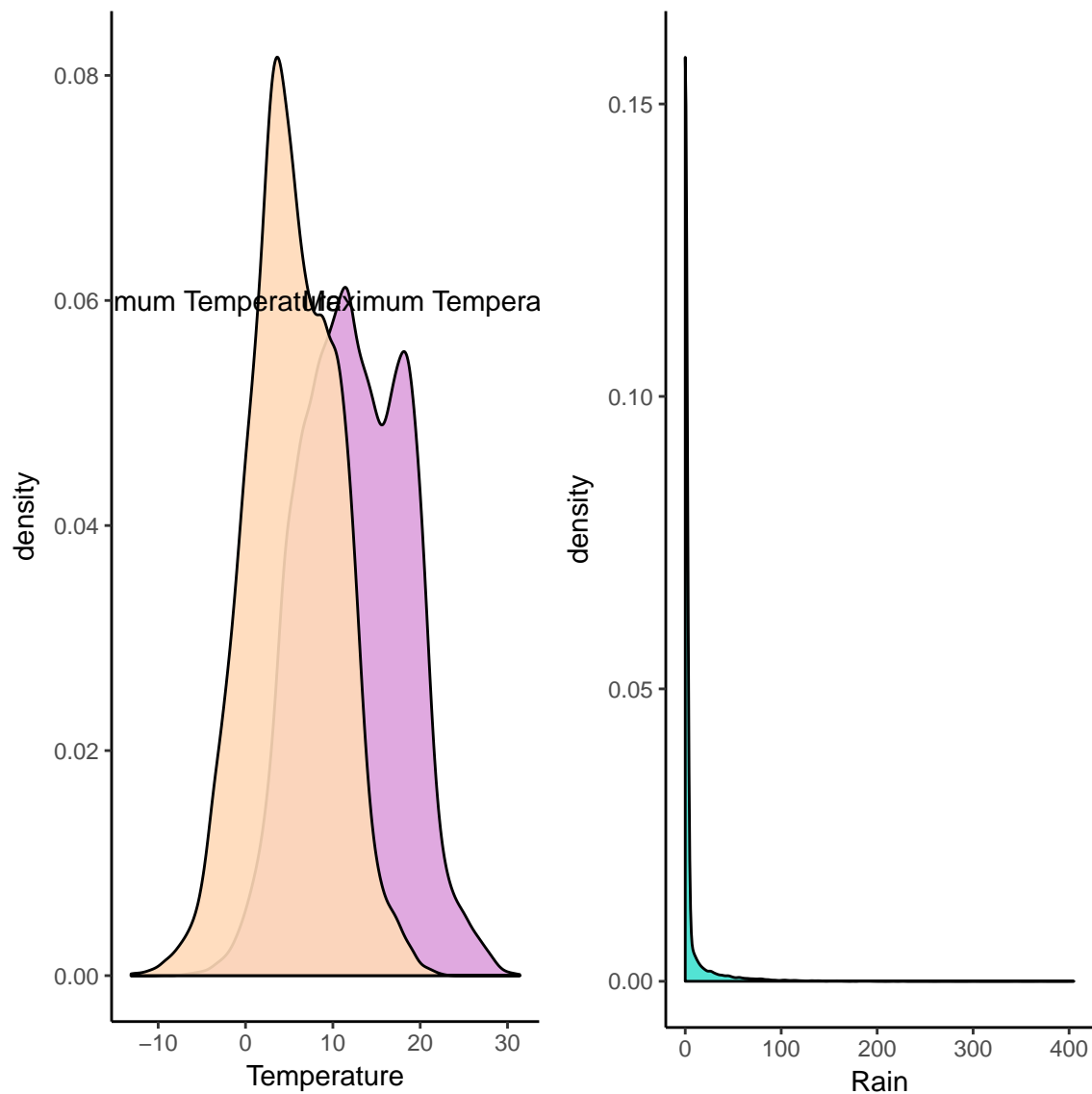


Figure 2: Monthly relationship between variables and weather, for shallow and deep thinning

```
grid.arrange(plot10, plot4, plot11, plot5, plot6,
              plot12, plot7, plot13, plot8, plot14,
              nrow = 5, ncol = 2)
```

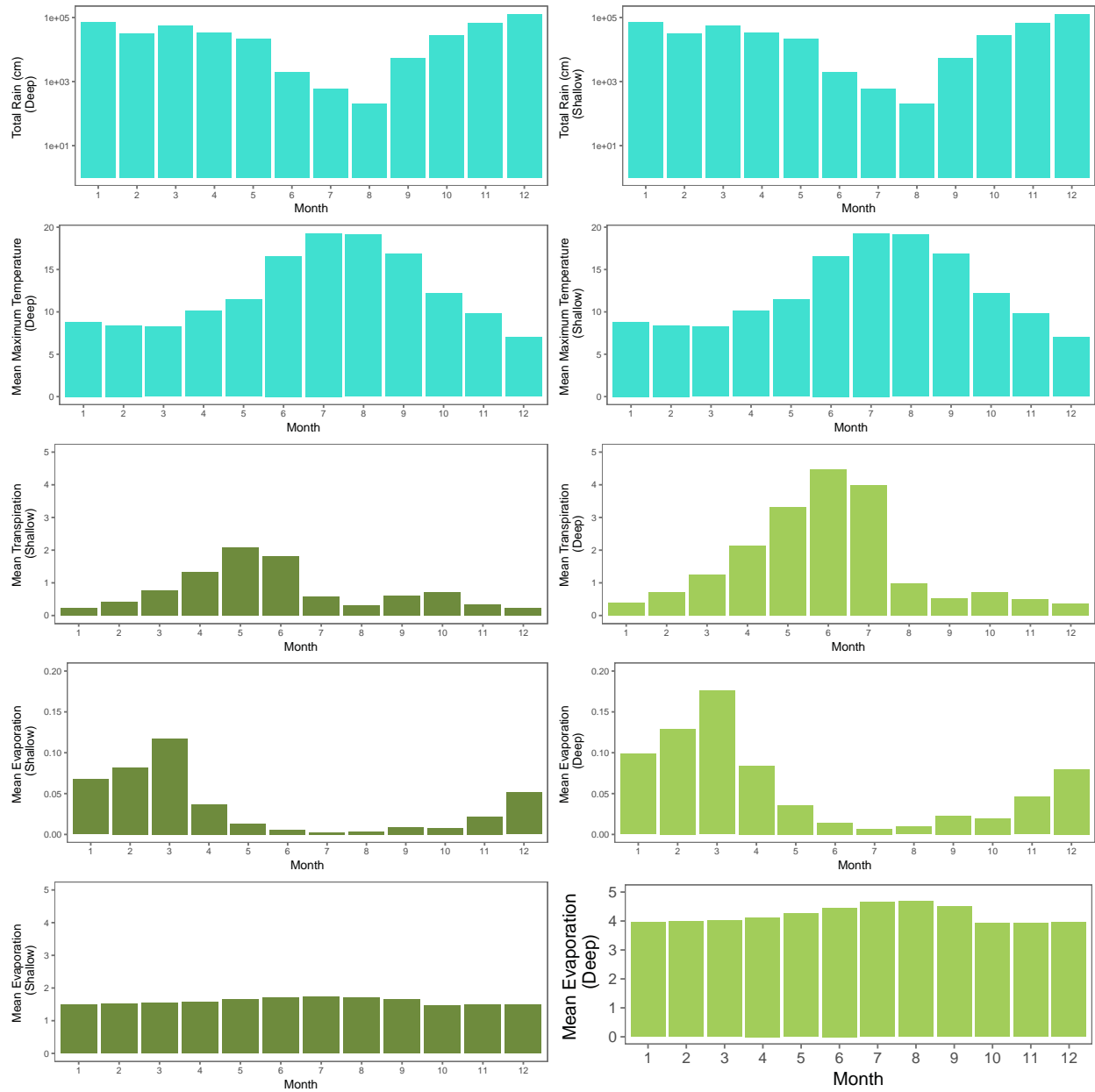
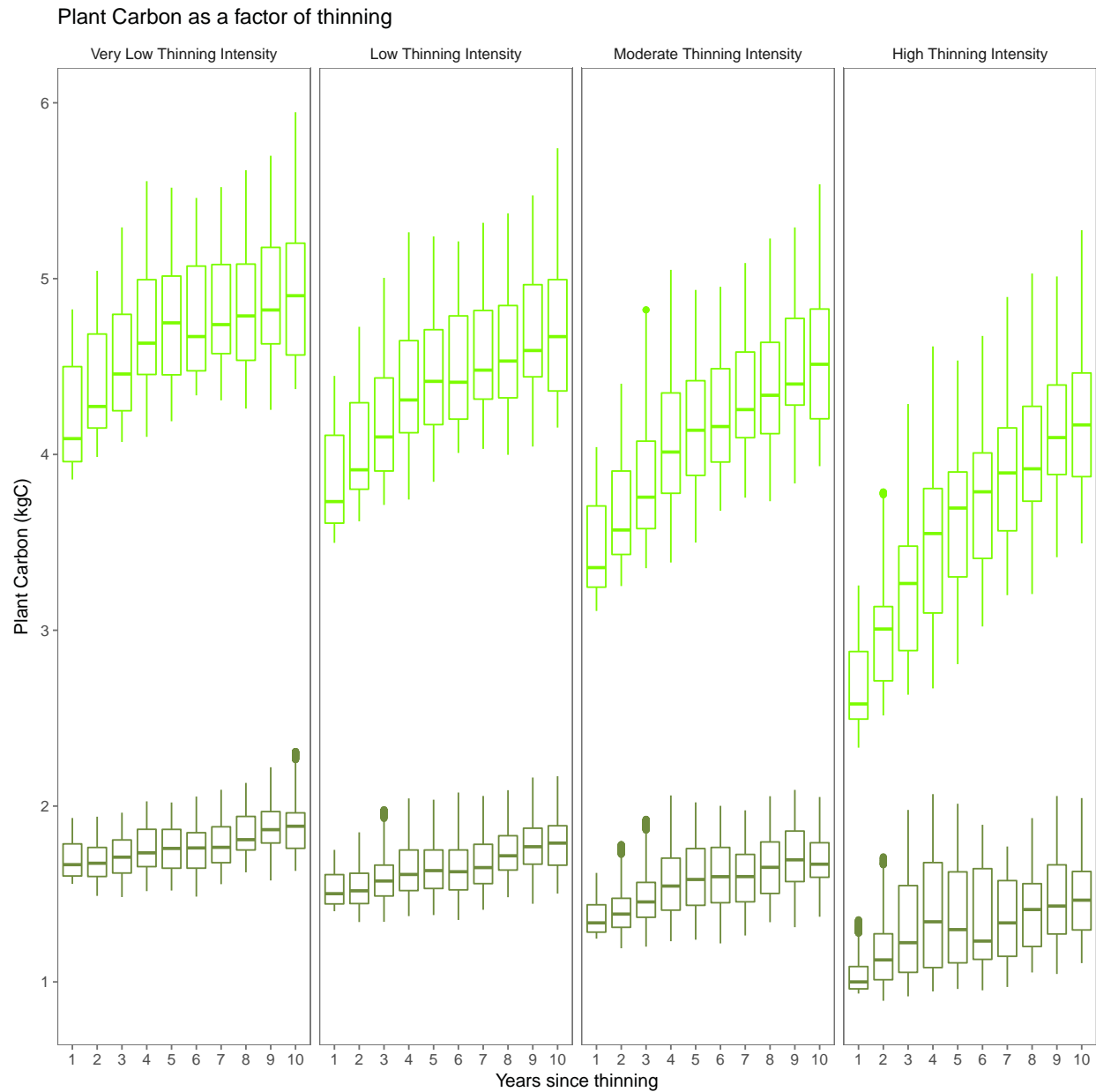


Figure 3: Relationship between parameters for shallow and deep thinning

plot1



plot2

```
## `geom_smooth()` using method = 'gam'
## `geom_smooth()` using method = 'gam'
```

Relationship between evaporation and transpiration

