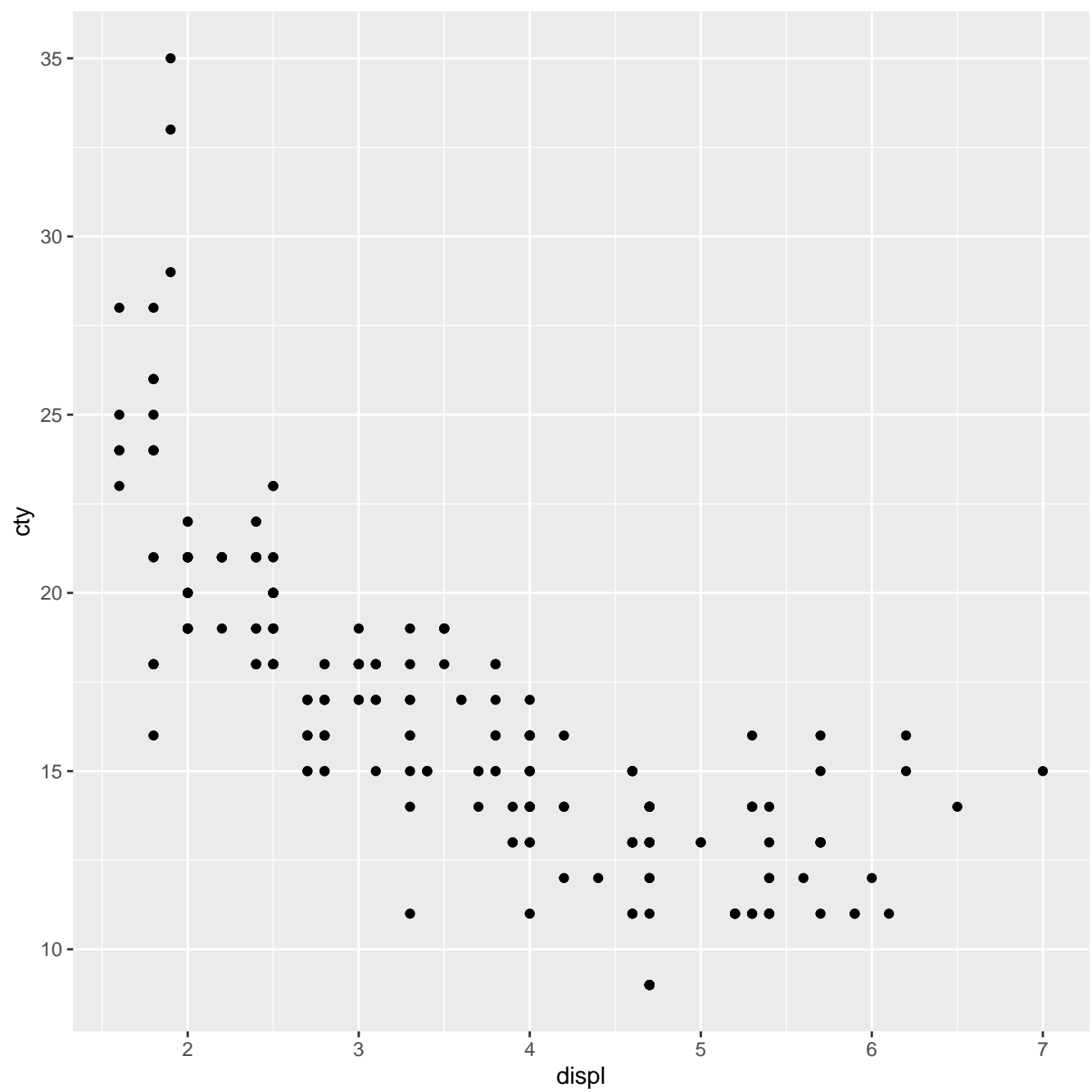
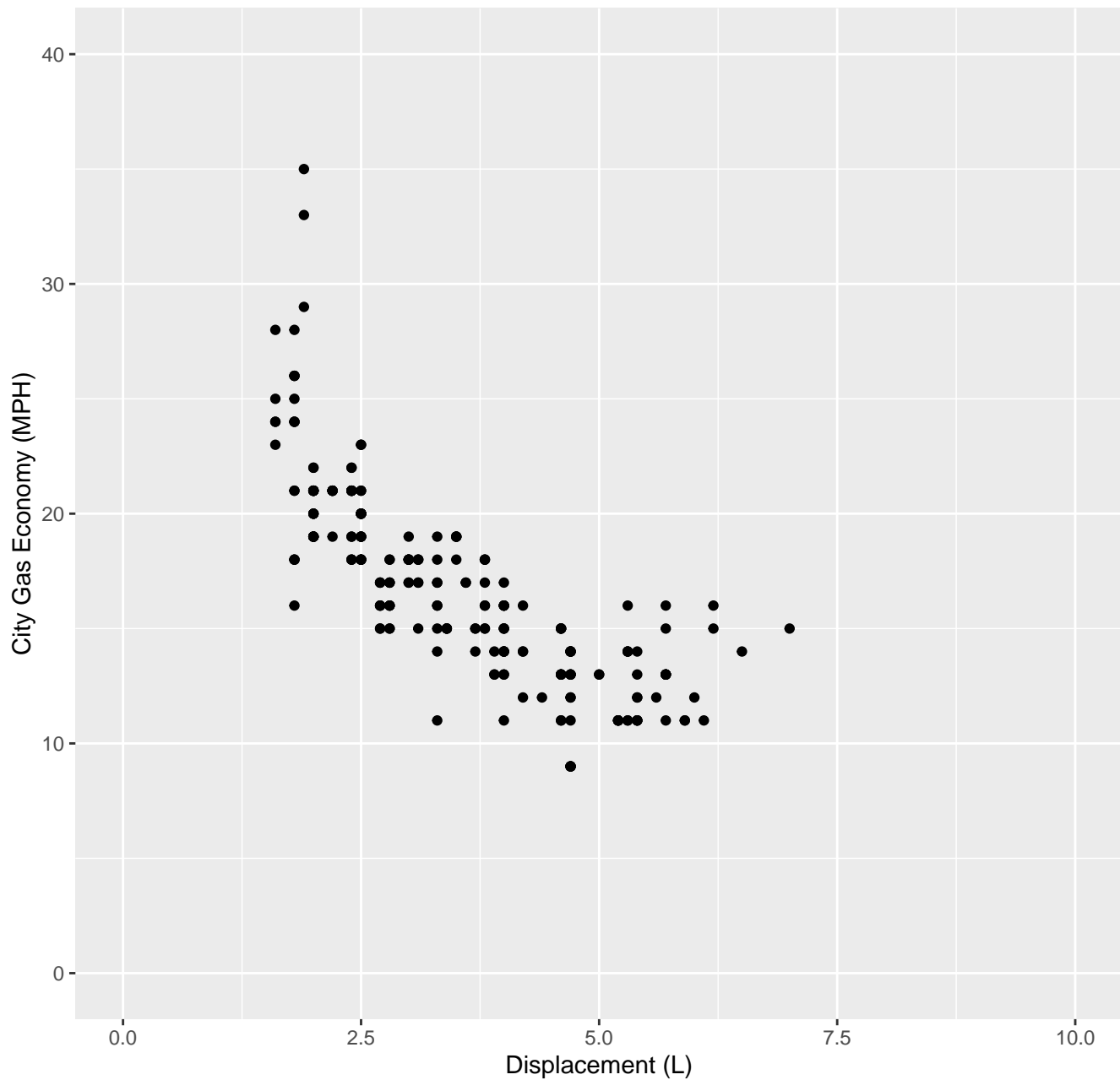


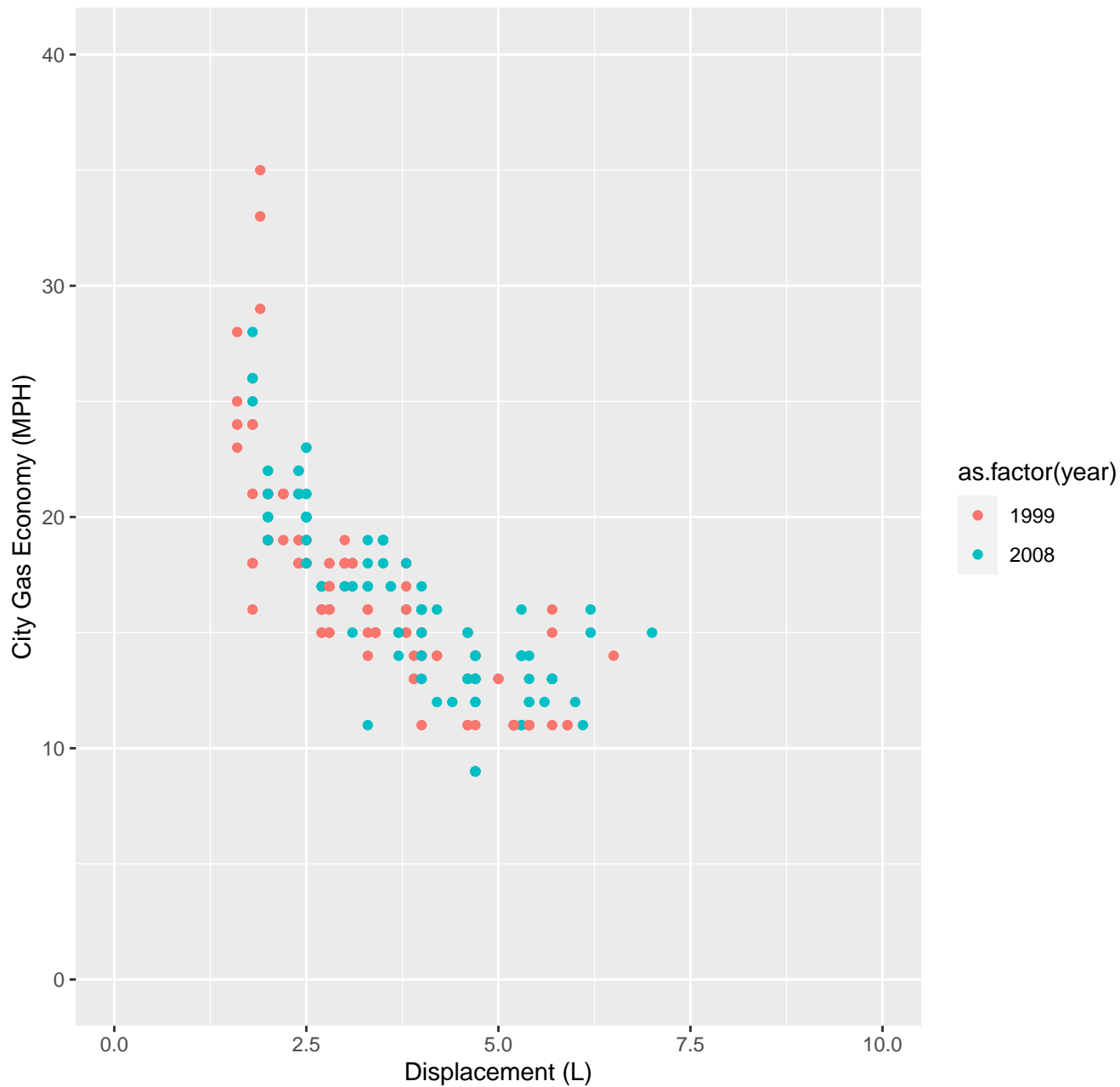
```
1 library(ggplot2)
2
3 data("mpg")
4
5 ggplot(mpg, aes(x=displ, y=cty)) + geom_point()
6
7 p <- ggplot(mpg, aes(x=displ, y=cty)) + geom_point() +
8   xlim(0, 10) + ylim(0, 40)
9 p+ggtitle('Scatterplot of City Gas Economy vs Displacement') +xlab('Displacement (L)') +
10  ylab('City Gas Economy (MPH)')
11
12 p <- ggplot(mpg, aes(x=displ, y=cty, color=as.factor(year))) + geom_point() +
13   xlim(0, 10) + ylim(0, 40)
14 p+ggtitle('Scatterplot of City Gas Economy vs Displacement') +xlab('Displacement (L)') +
15  ylab('City Gas Economy (MPH)')
16
17 p <- ggplot(mpg, aes(x=displ, y=cty, color=as.factor(year))) + geom_point() +
18   xlim(0, 10) + ylim(0, 40) +
19   facet_wrap(~class)
20 p+ggtitle('Scatterplot of City Gas Economy vs Displacement') +xlab('Displacement (L)') +
21  ylab('City Gas Economy (MPH)')
22
23 ggplot(mpg, aes(x=class)) + geom_bar()
24
25 ggsave("homework#2.pdf")
26 print(plot)
```



Scatterplot of City Gas Economy vs Displacement



Scatterplot of City Gas Economy vs Displacement



Scatterplot of City Gas Economy vs Displacement

