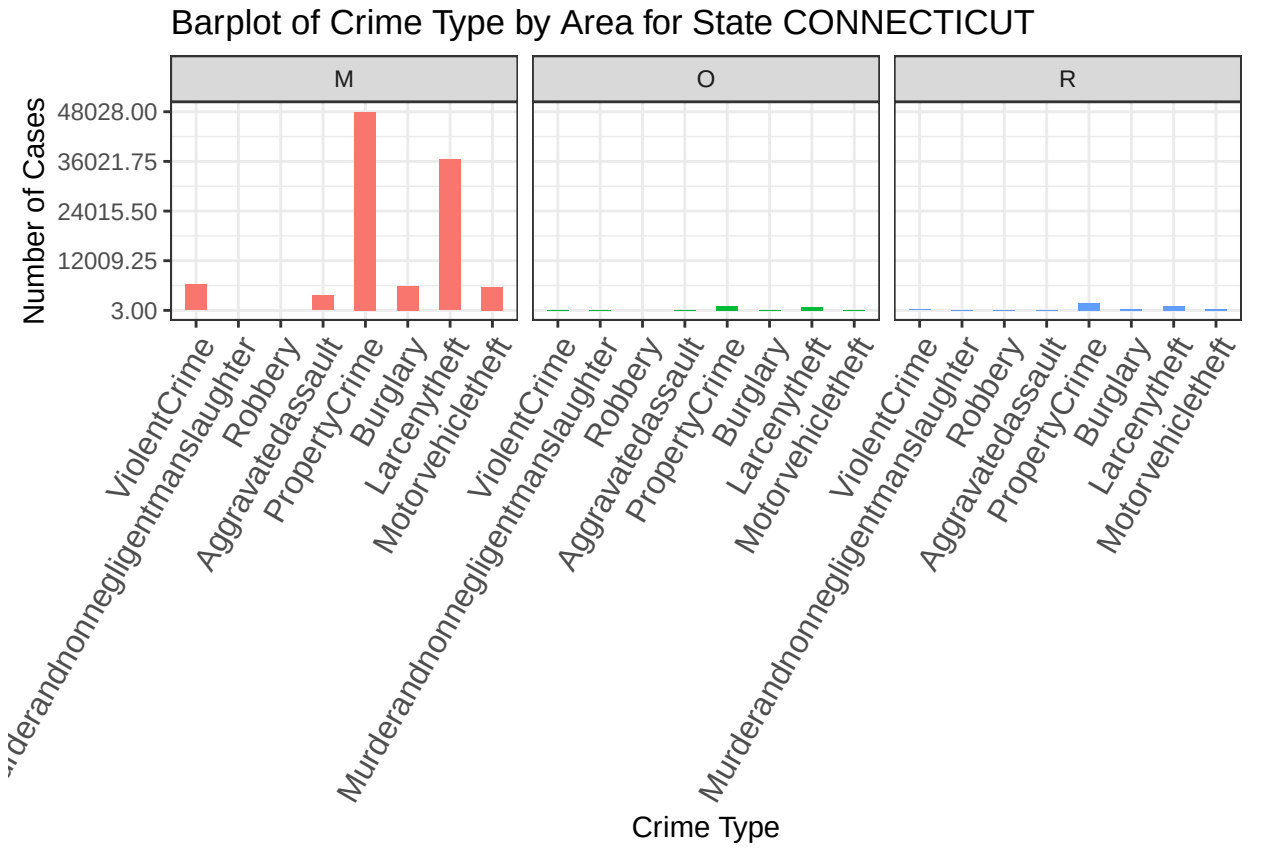
Output

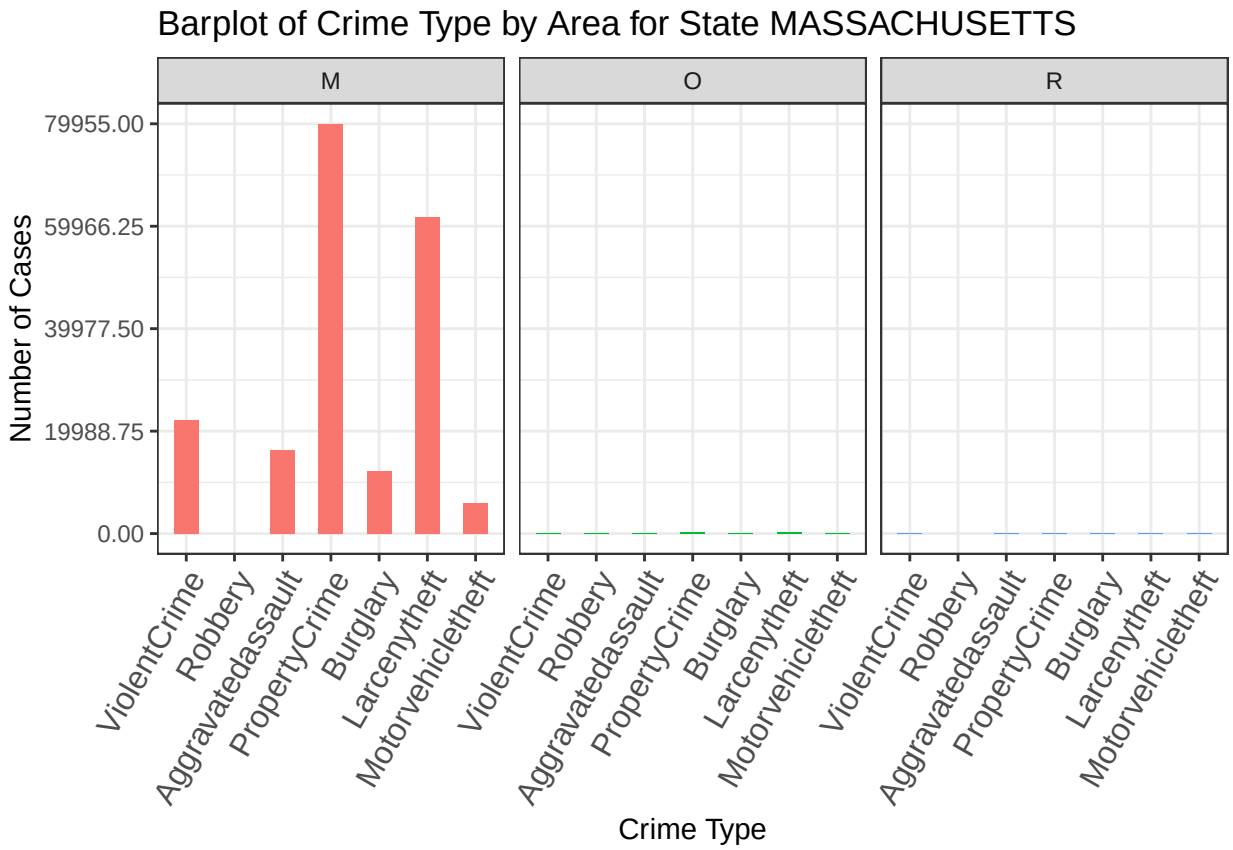
Barplot and Spineplot in A Specific Year for 3 States in New England Area

We can observe that most crimes in these 3 states happen in metro area. While, roberry and murder occur in outside of metro and rural areas in 2019.

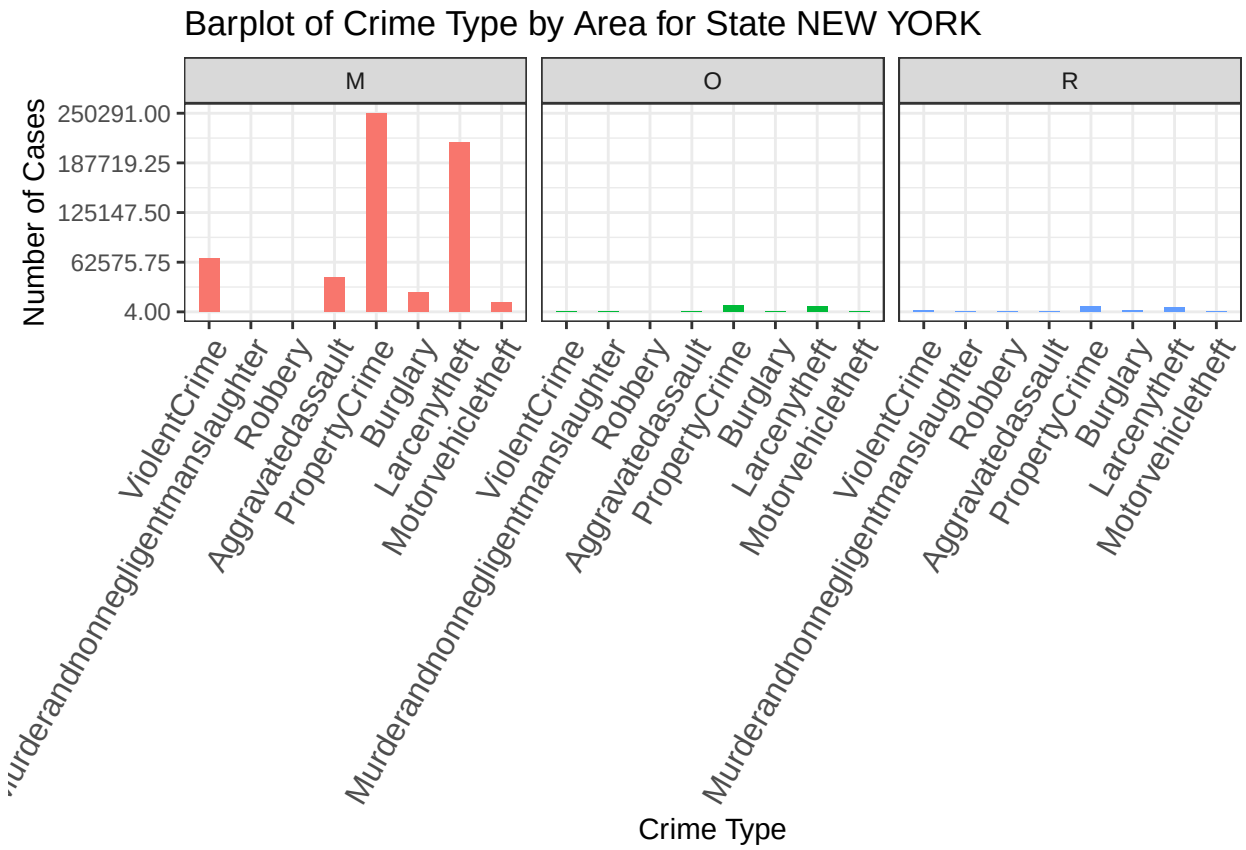
```
fig_CT <- visual.fun(year = 2019, state = "CONNECTICUT")
fig_MA <- visual.fun(year = 2019, state = "MASSACHUSETTS")
fig_NY <- visual.fun(year = 2019, state = "NEW YORK")

fig_CT$Barplot.by.area
```



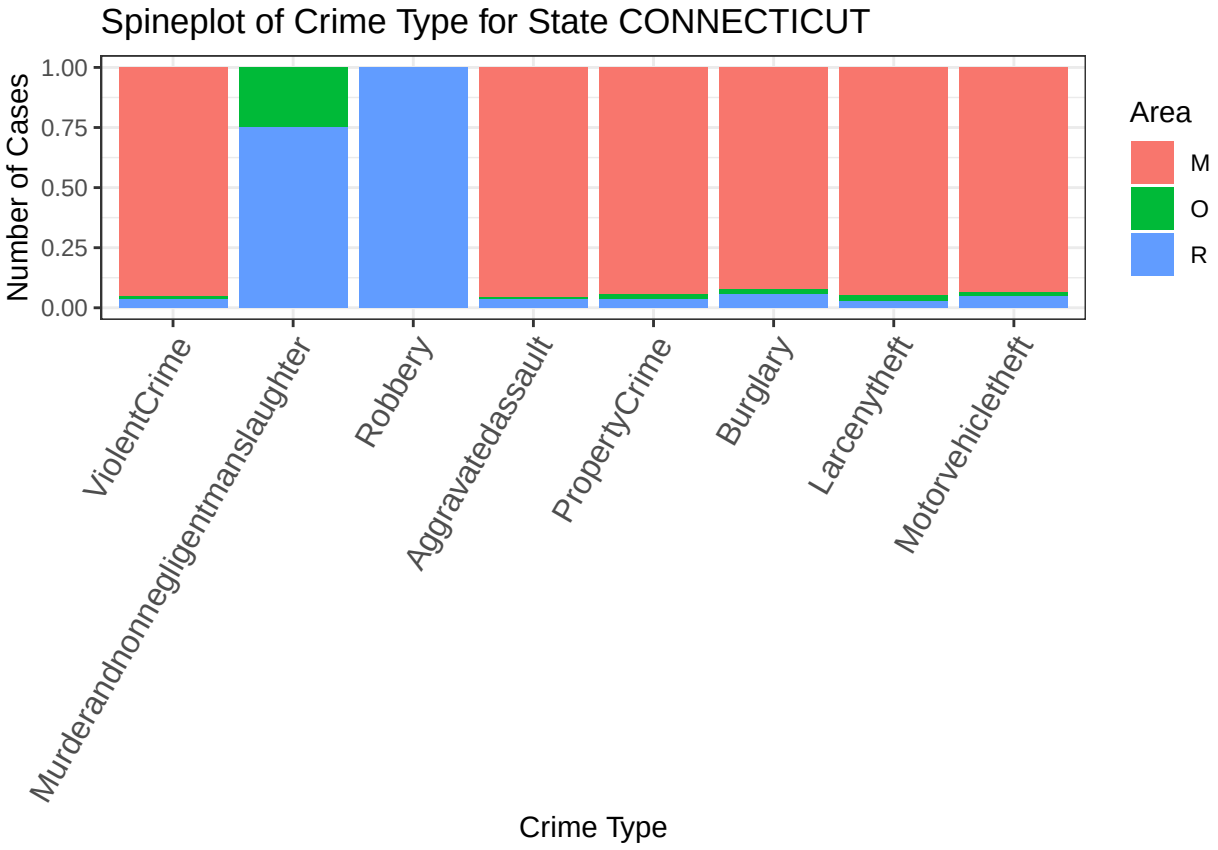

```
fig_MA$Barplot.by.area
```



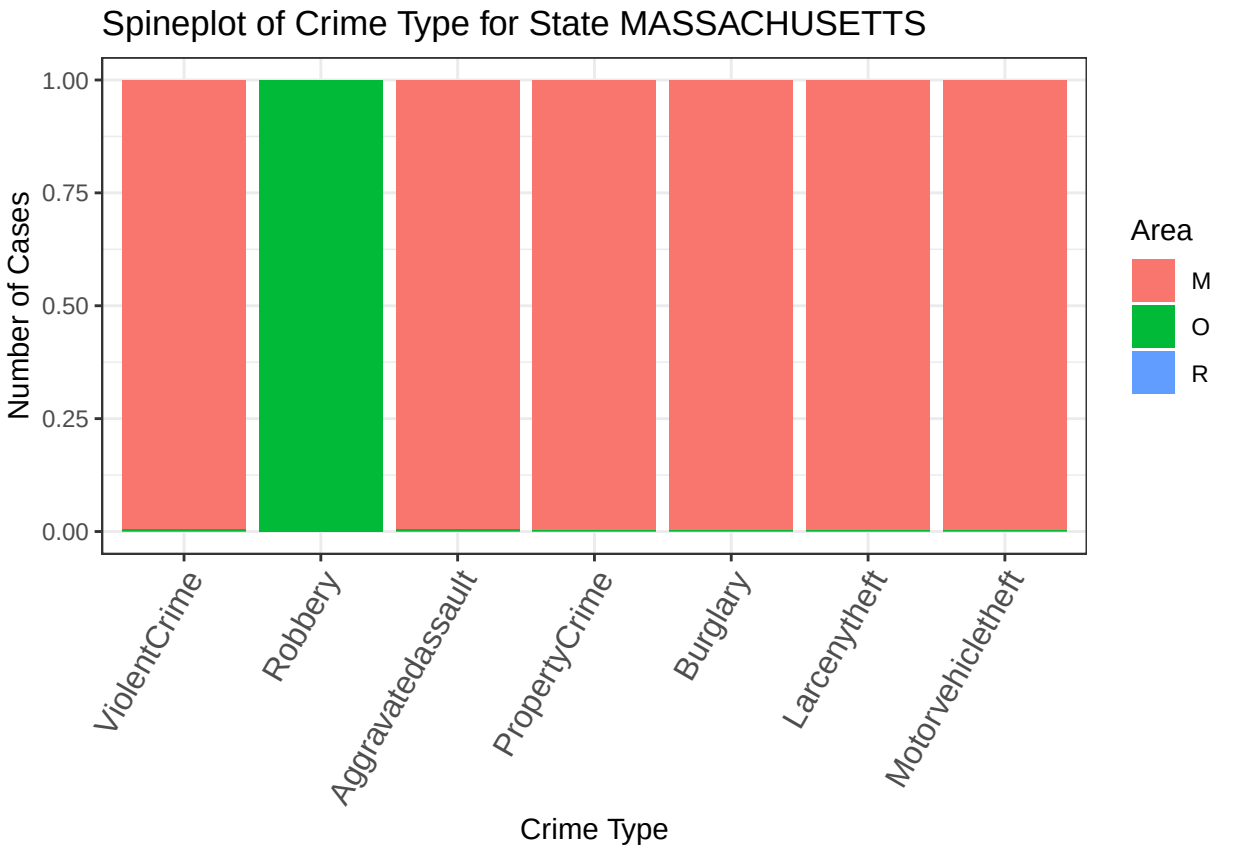

```
fig_NY$Barplot.by.area
```



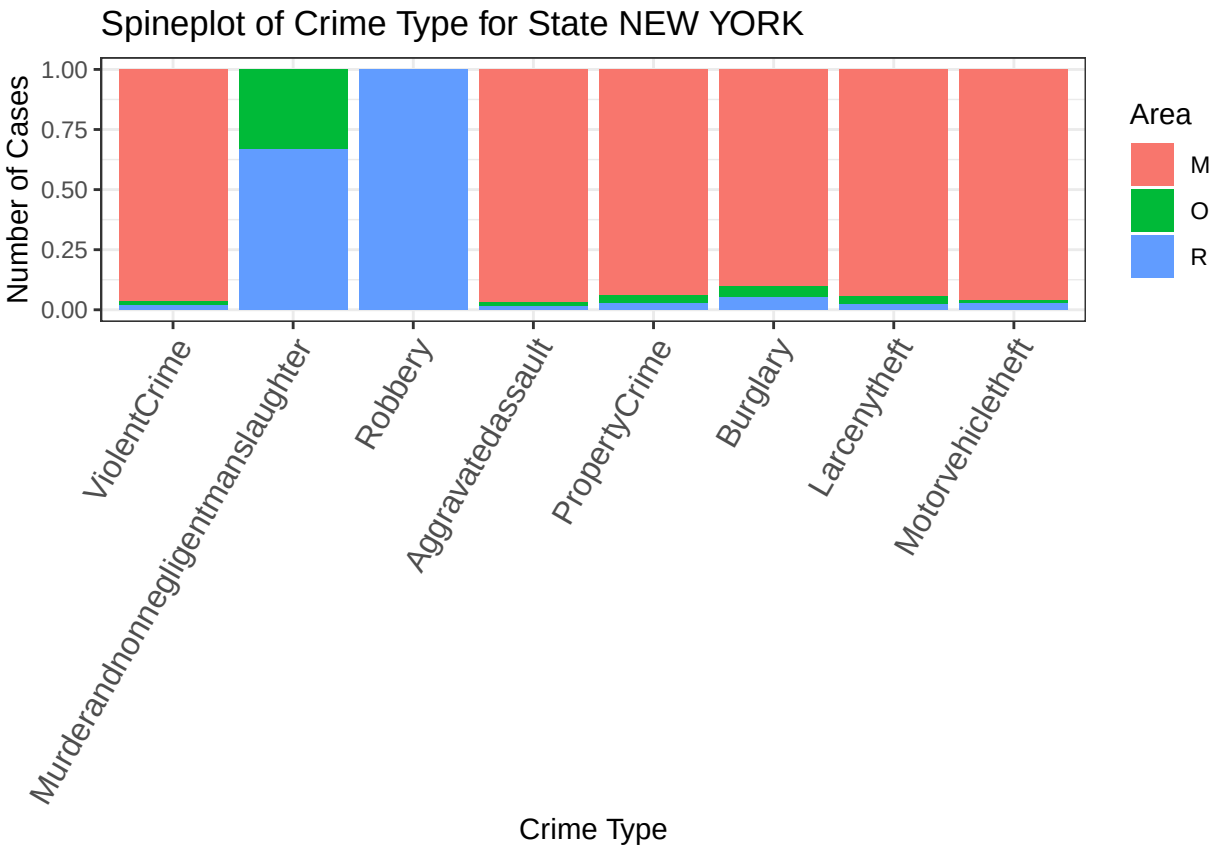

```
fig_CT$spineplot
```




```
fig_MA$spineplot
```




```
fig_NY$spineplot
```


Spineplot of Crime Type for State NEW YORK
Number of Cases
1.00
0.75
0.50
0.25
0.00
ViolentCrime
Murderandnonnegligentmanslaughter
Robbery
Aggravatedassault
PropertyCrime
Burglary
Larcenytheft
Motorvehicletheft
Crime Type
Area
M
O
R