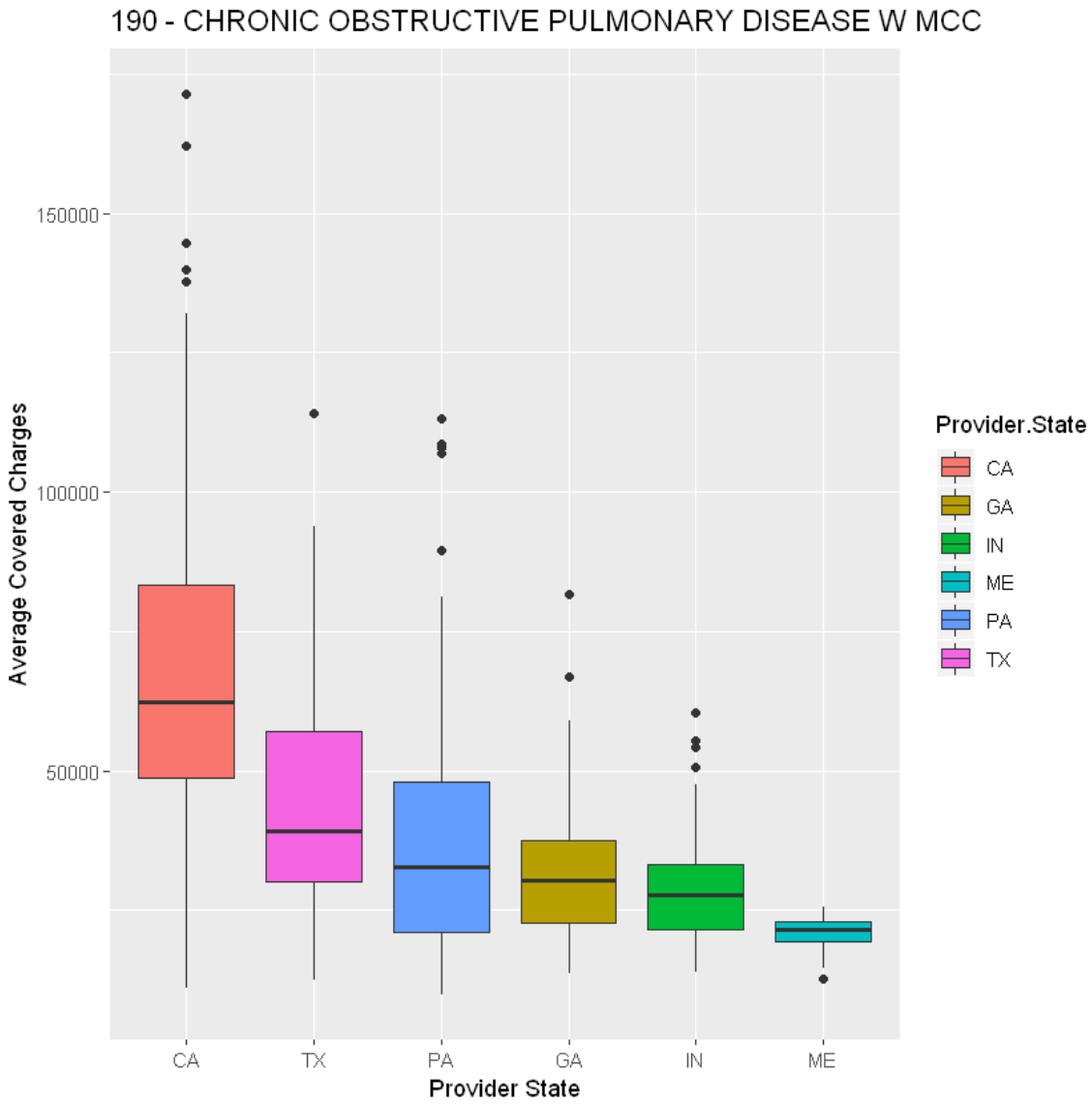
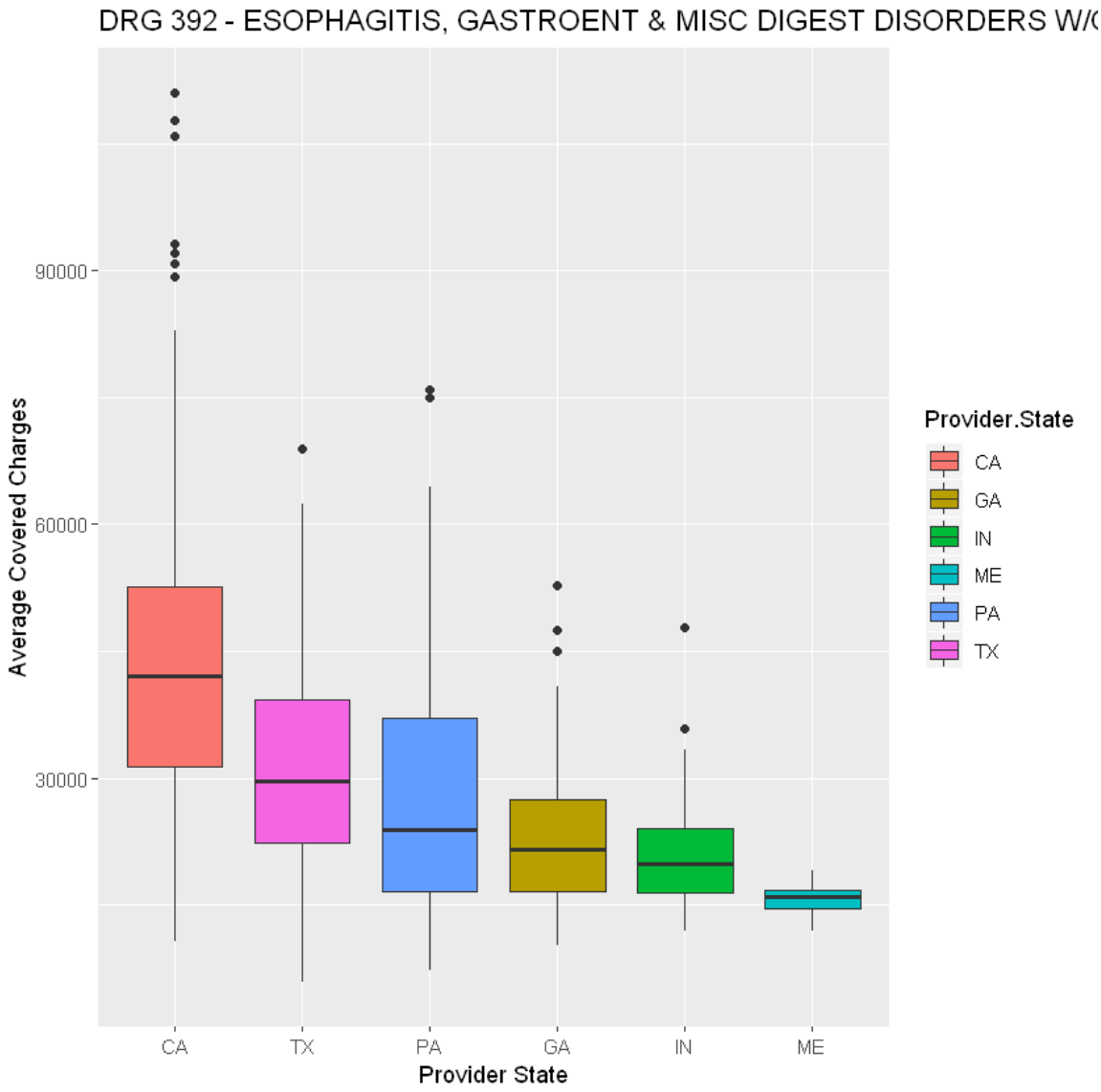
In [10]:

```
df_box1 = read.csv("df_boxplot1.csv", sep = ',', header = TRUE)
df_box1 = na.omit(df_box1)
p <- ggplot(df_box1, aes(x=Provider.State, y=DRG.Charges.190, fill = Provider.State)) +
    scale_x_discrete(limits=c("CA", "TX", "PA","GA","IN","ME"))+
    labs(title="190 - CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC",x="Provider State", y = "Average Covered Charges")+
    geom_boxplot()
p
```



In [49]:

```
df_box2 = read.csv("df_boxplot2.csv", sep = ',', header = TRUE)
df_box2 = na.omit(df_box2)
p <- ggplot(df_box2, aes(x=Provider.State, y=DRG.Charges.392, fill = Provider.State)) +
    scale_x_discrete(limits=c("CA", "TX", "PA","GA","IN","ME"))+
    labs(title="DRG 392 - ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC",x="Provider State", y = "Average Covered Charges")+
    geom_boxplot()
p
```



In [47]:

```
df_box3 = read.csv("df_boxplot3.csv", sep = ',', header = TRUE)
df_box3 = na.omit(df_box3)
p <- ggplot(df_box3, aes(x=Provider.State, y=DRG.Charges.871, fill = Provider.State)) +
    scale_x_discrete(limits=c("CA", "TX", "PA","GA","IN","ME"))+
    labs(title="DRG 871 - SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC",x="Provider State"
, y = "Average Covered Charges") +
    geom_boxplot()
p
```