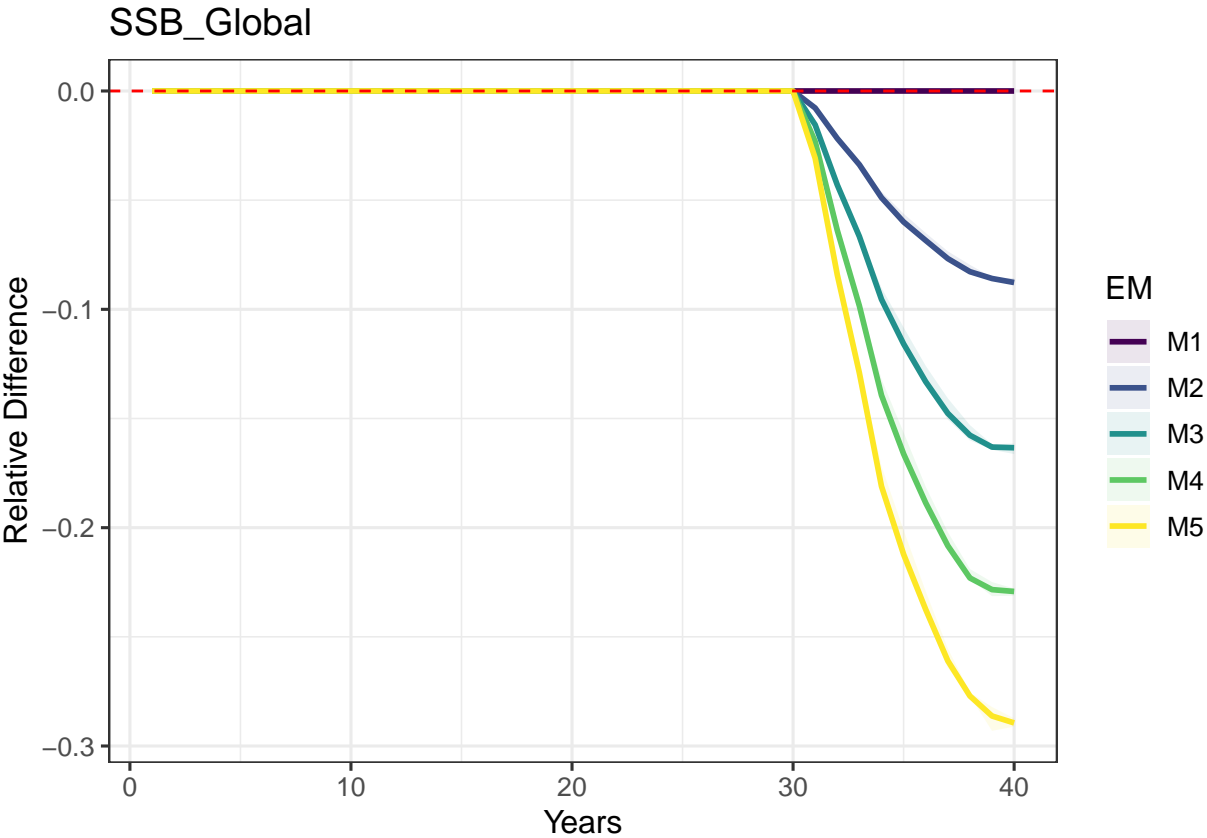
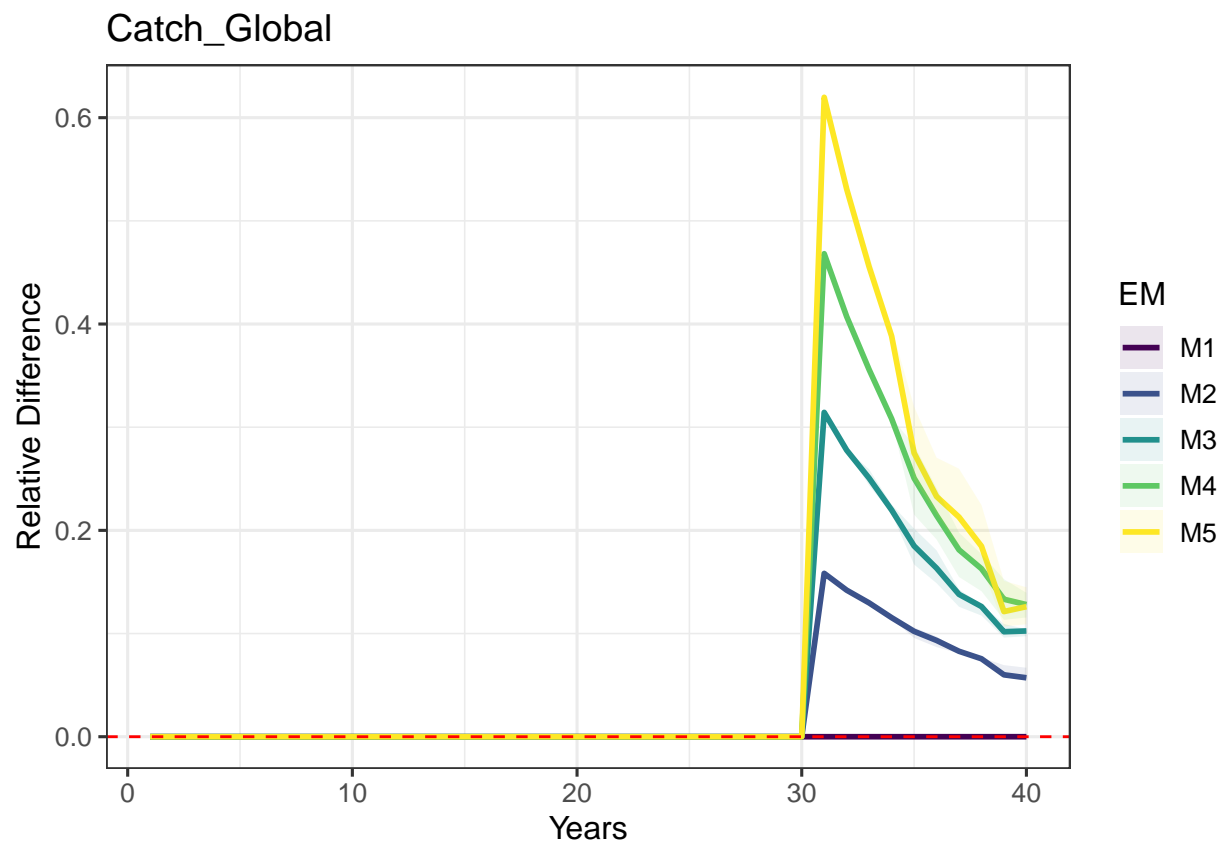
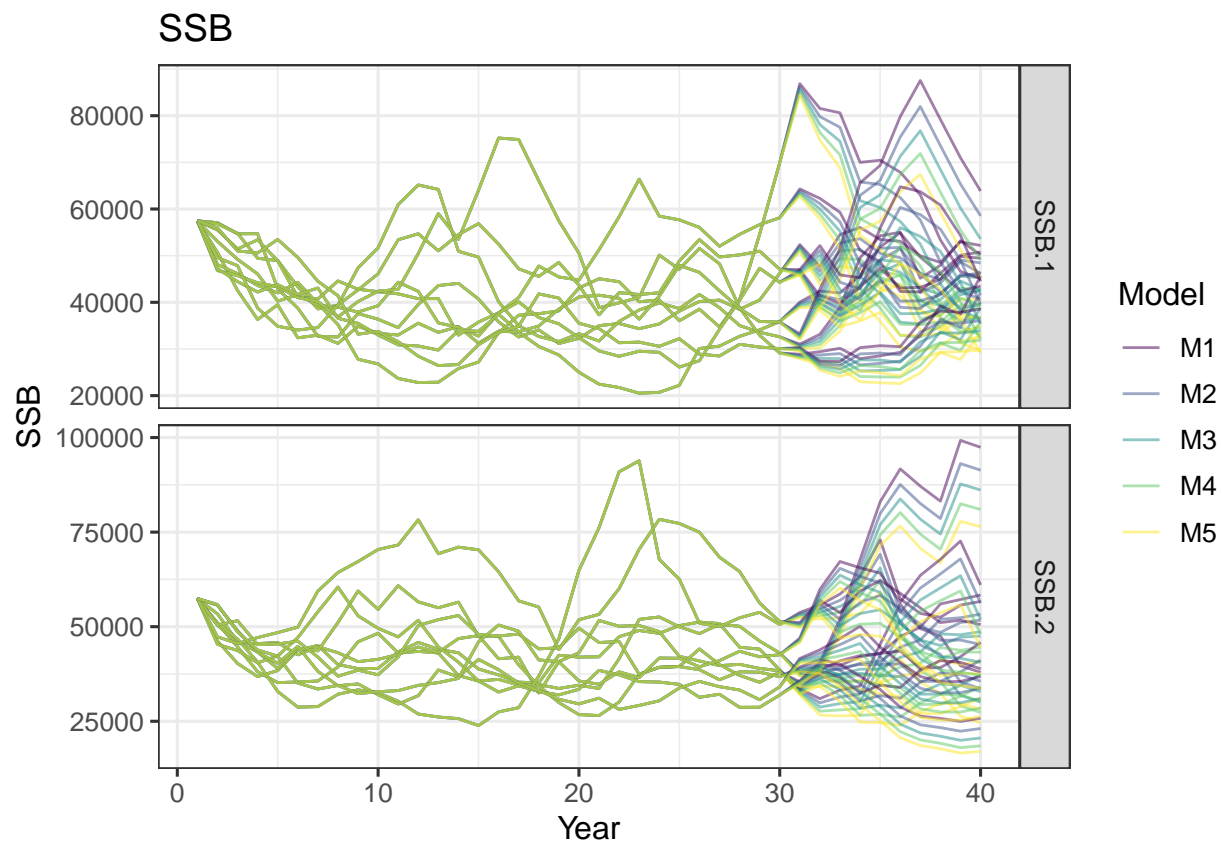


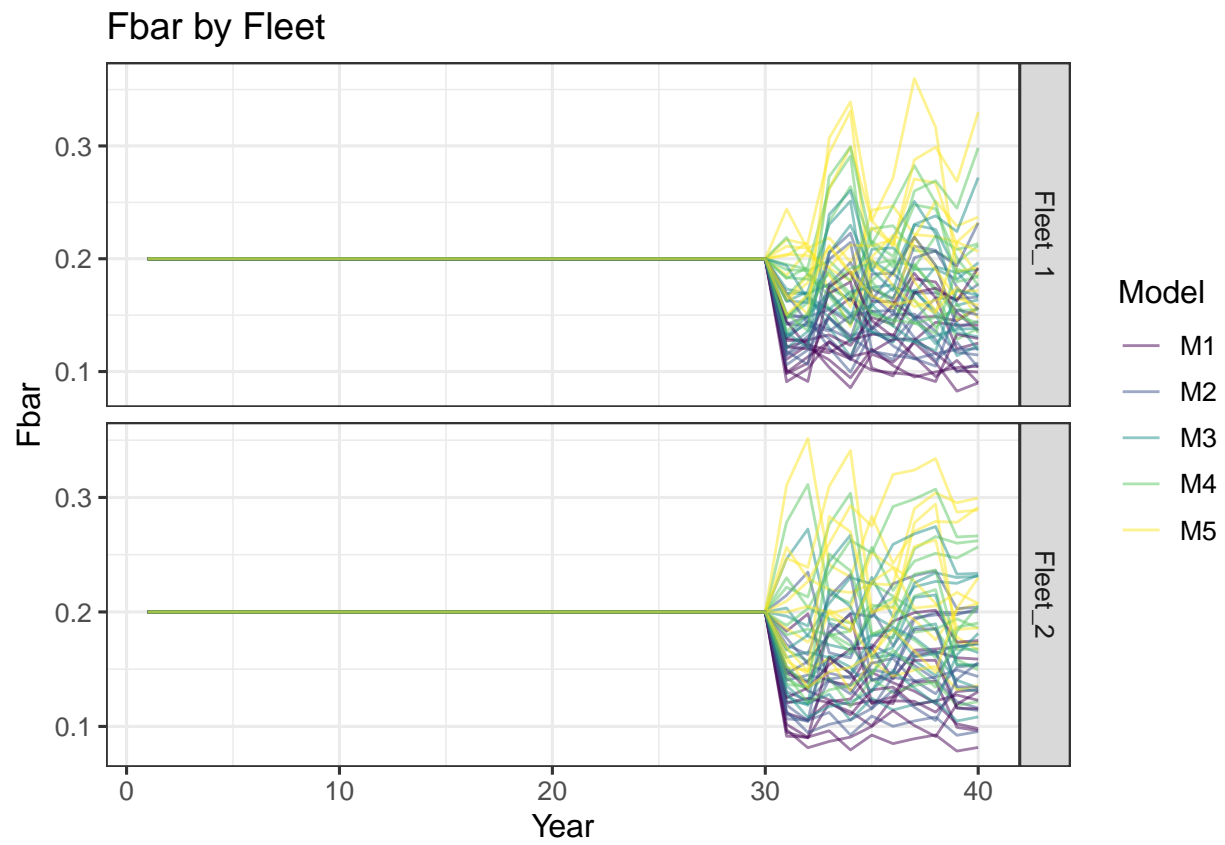
# MSE Output Report



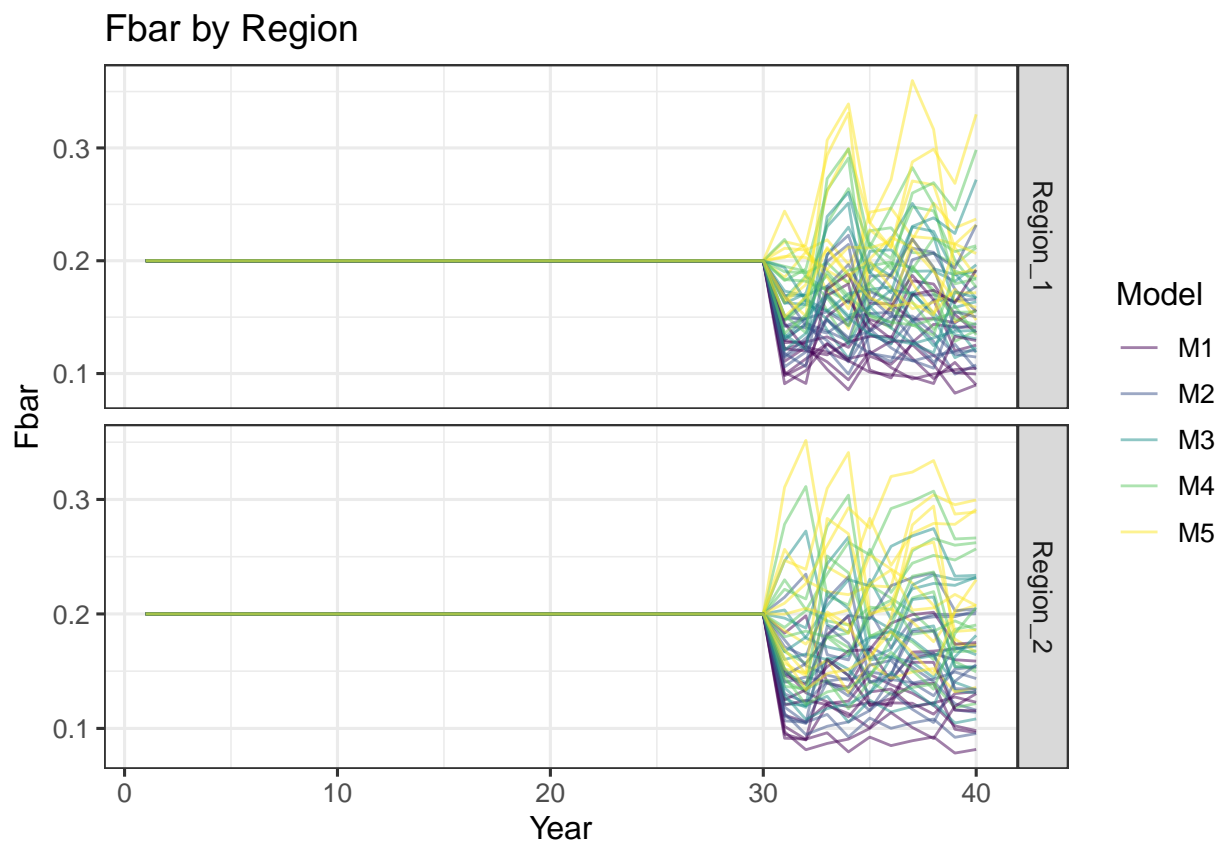




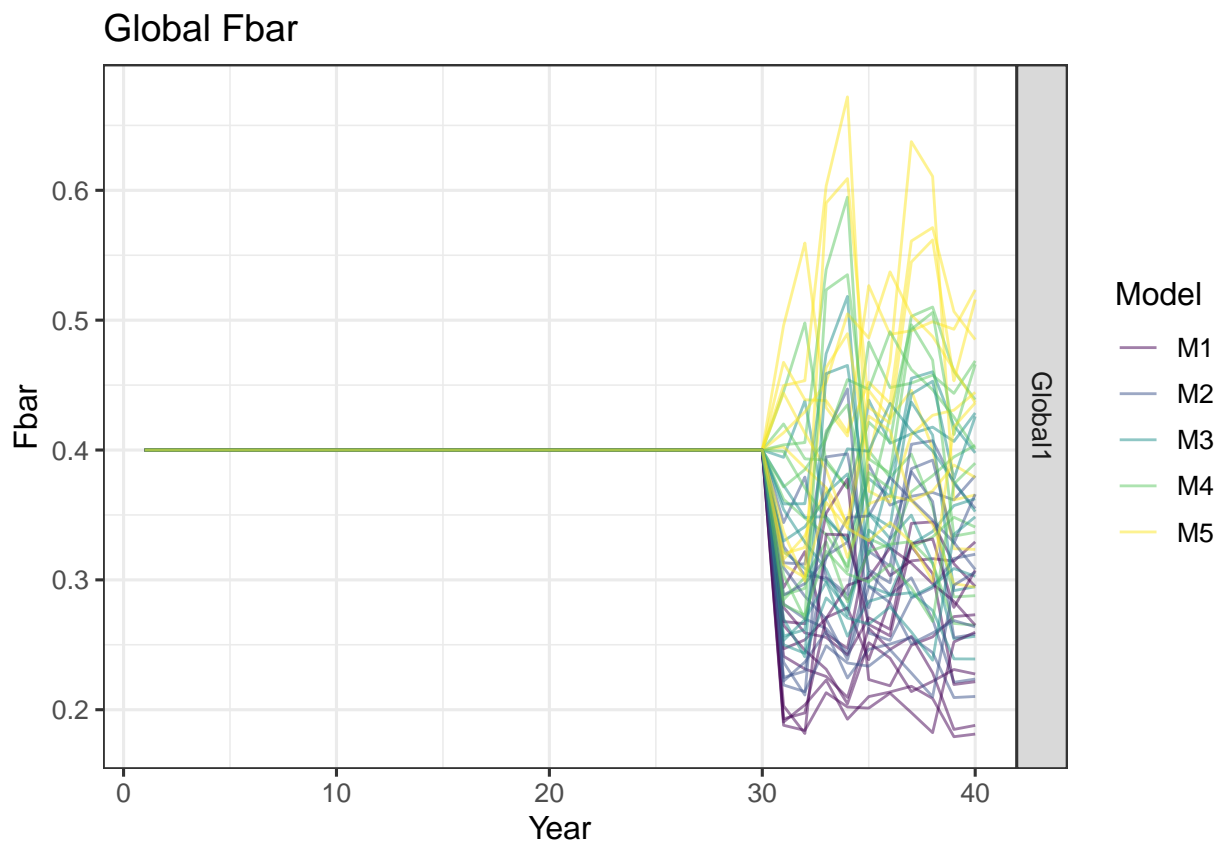
## \$fleet

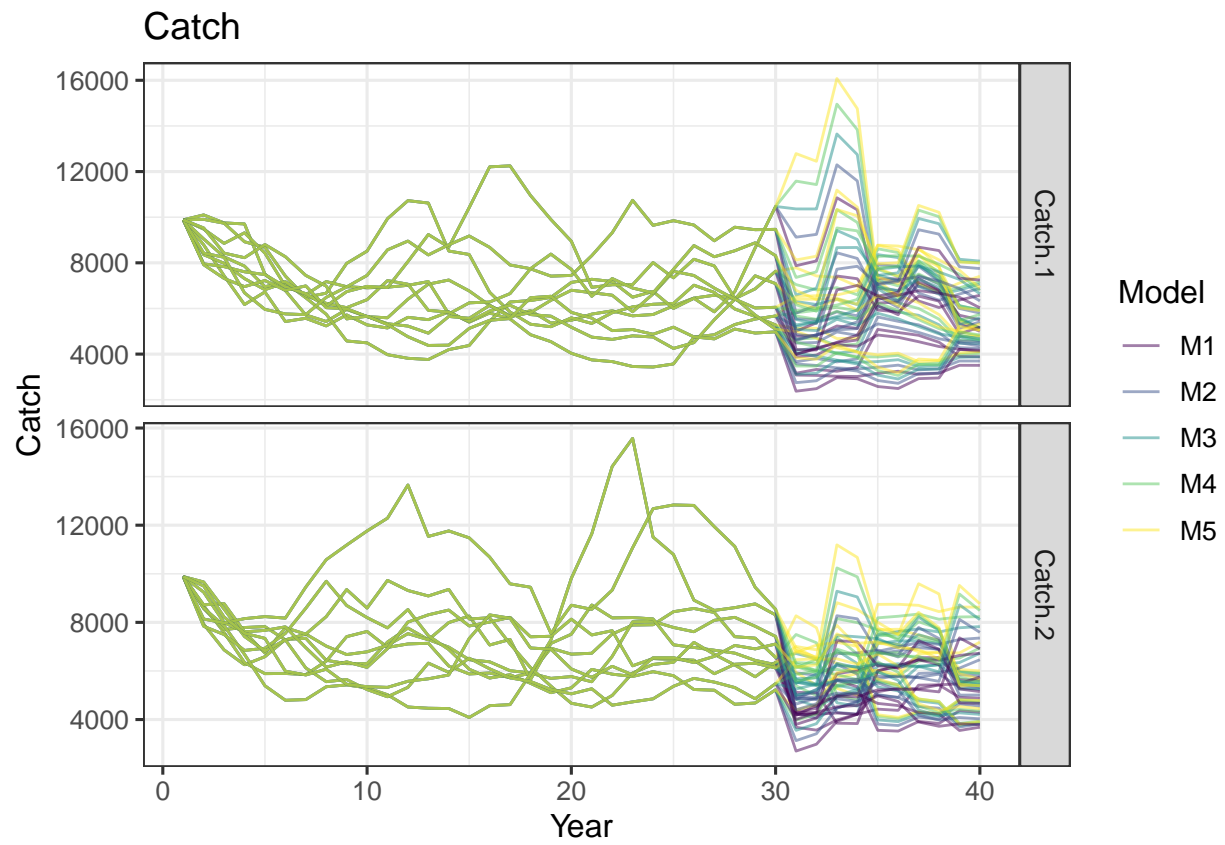


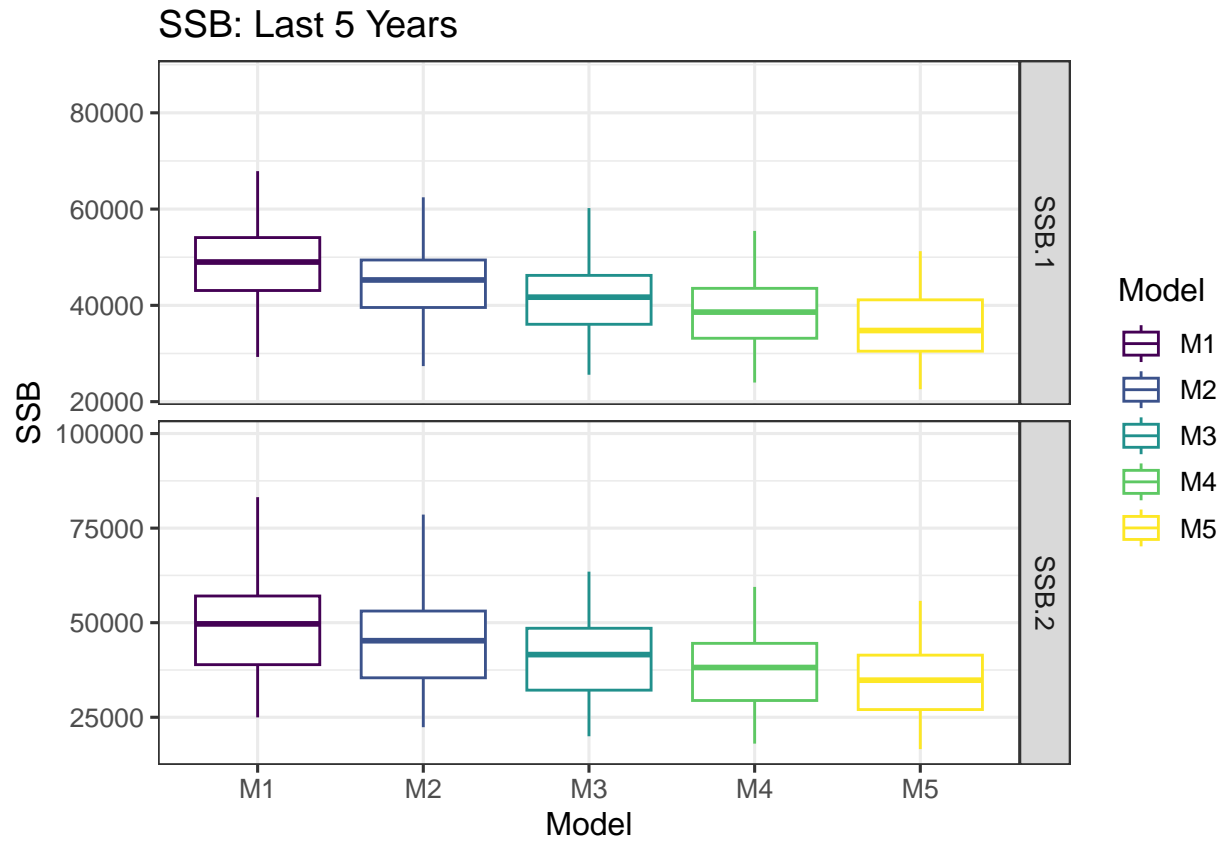
```
##  
## $region
```



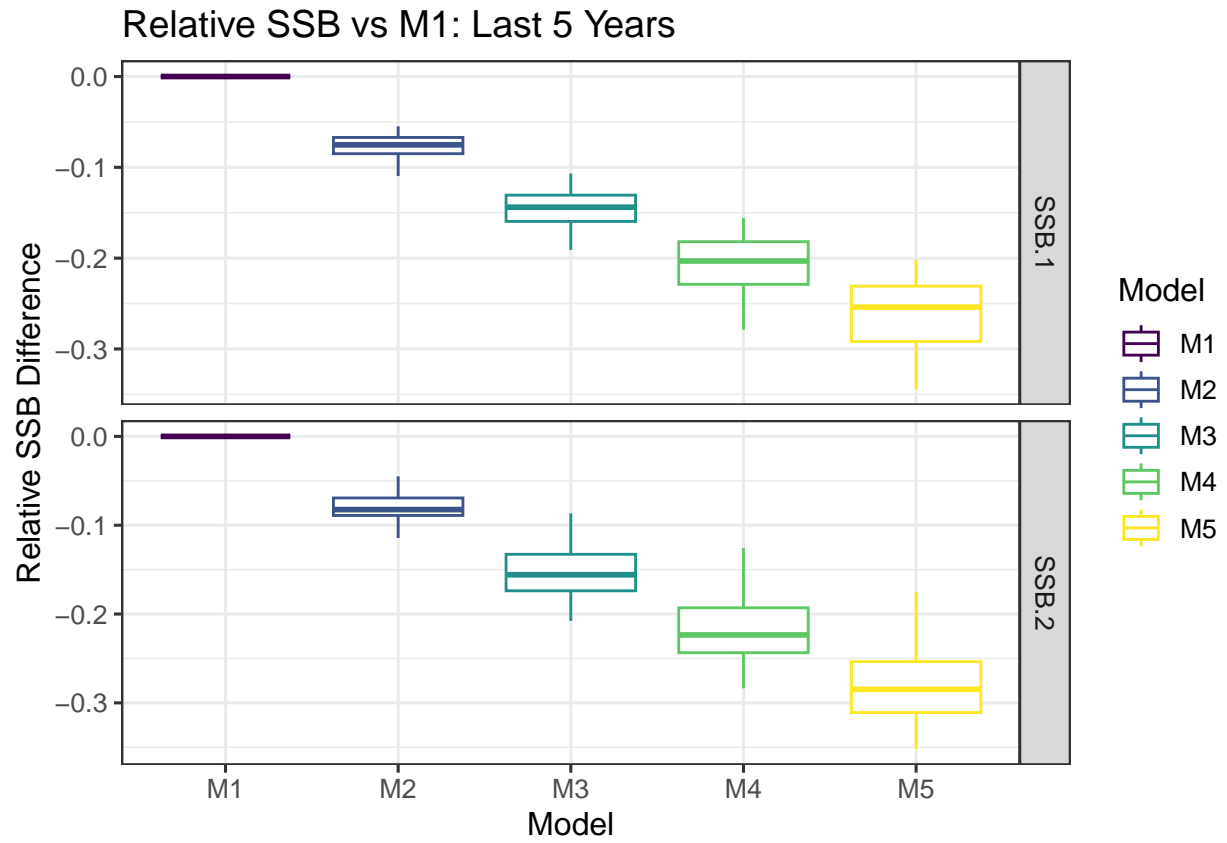
```
##  
## $global
```



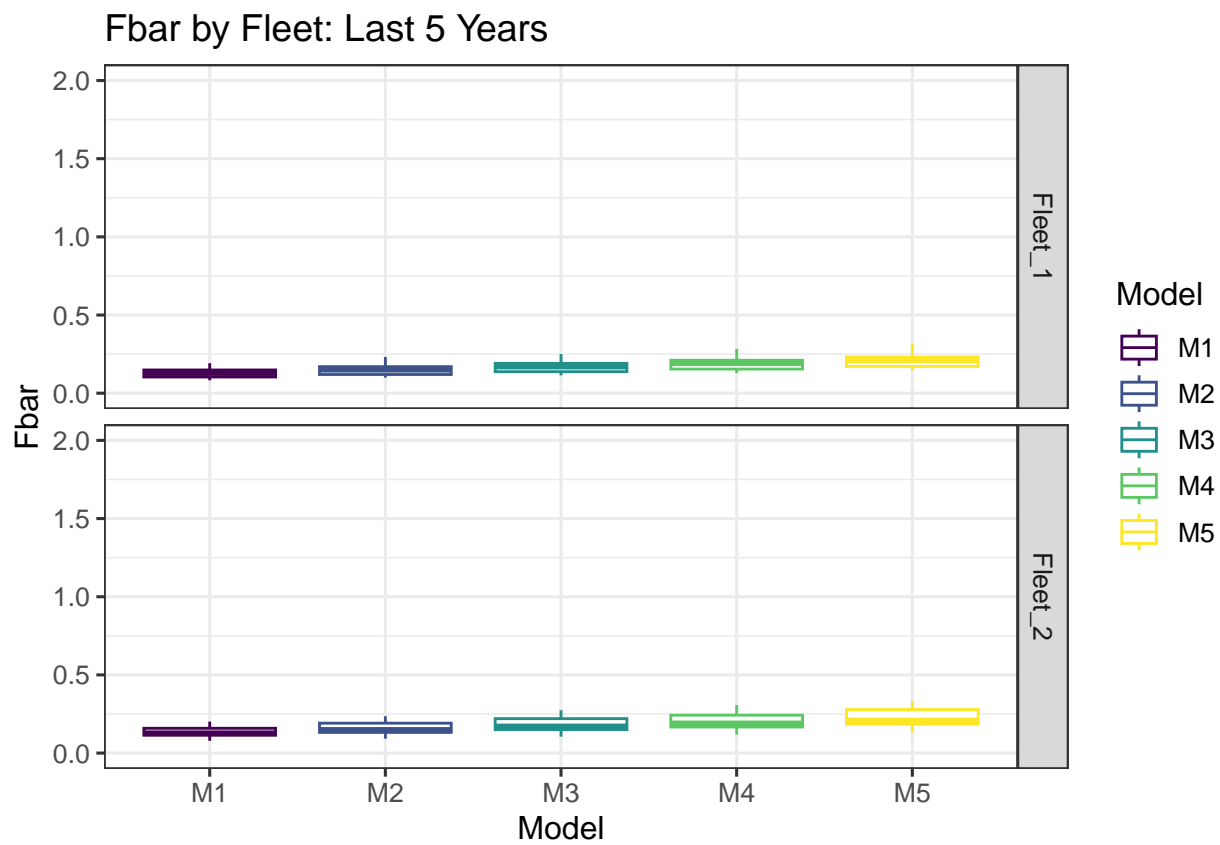




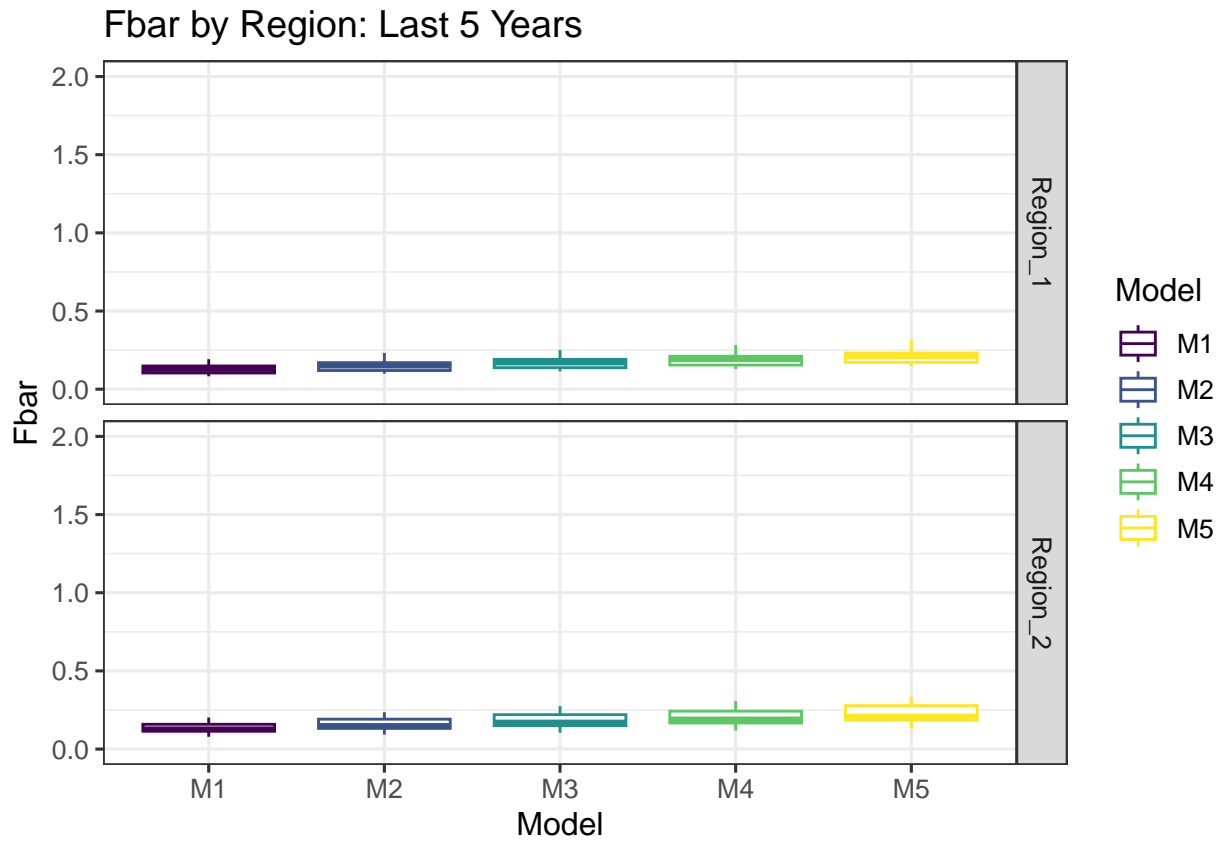




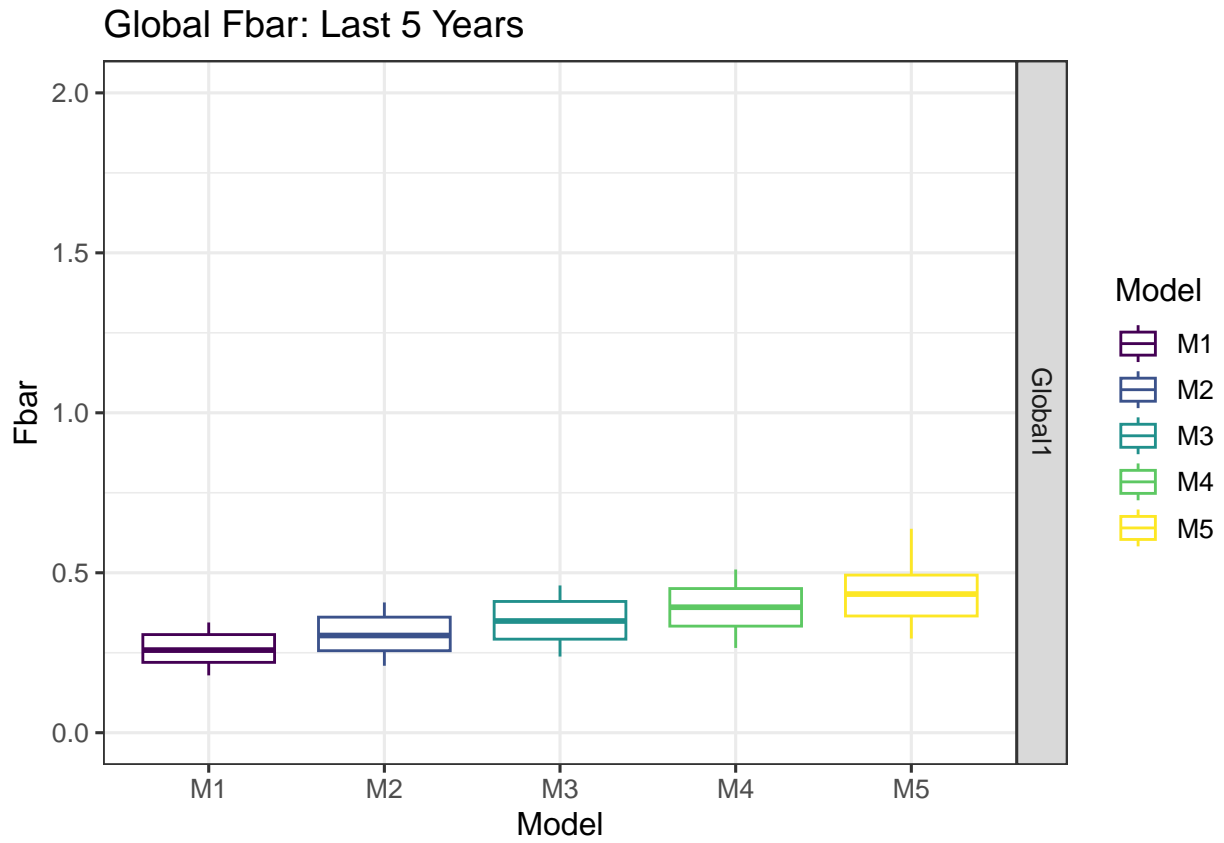
## \$fleet



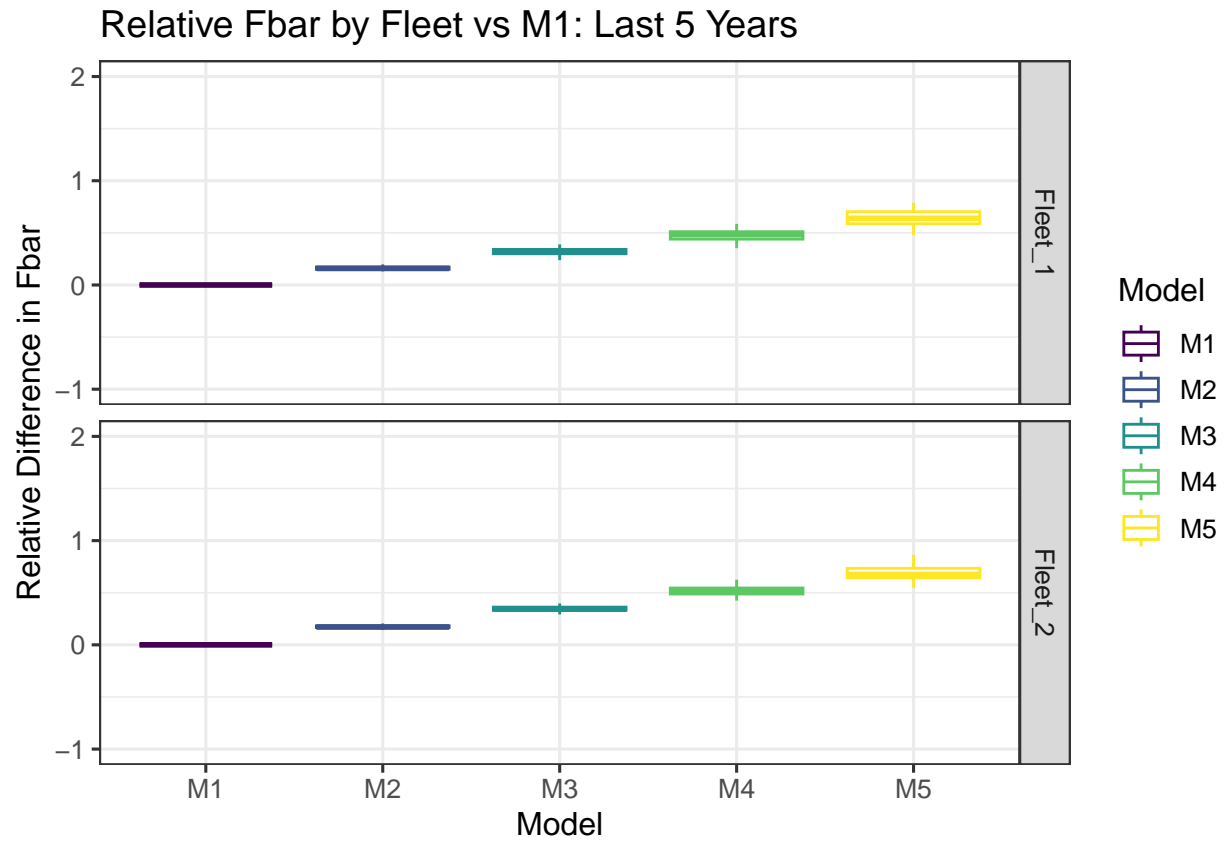
```
##  
## $region
```



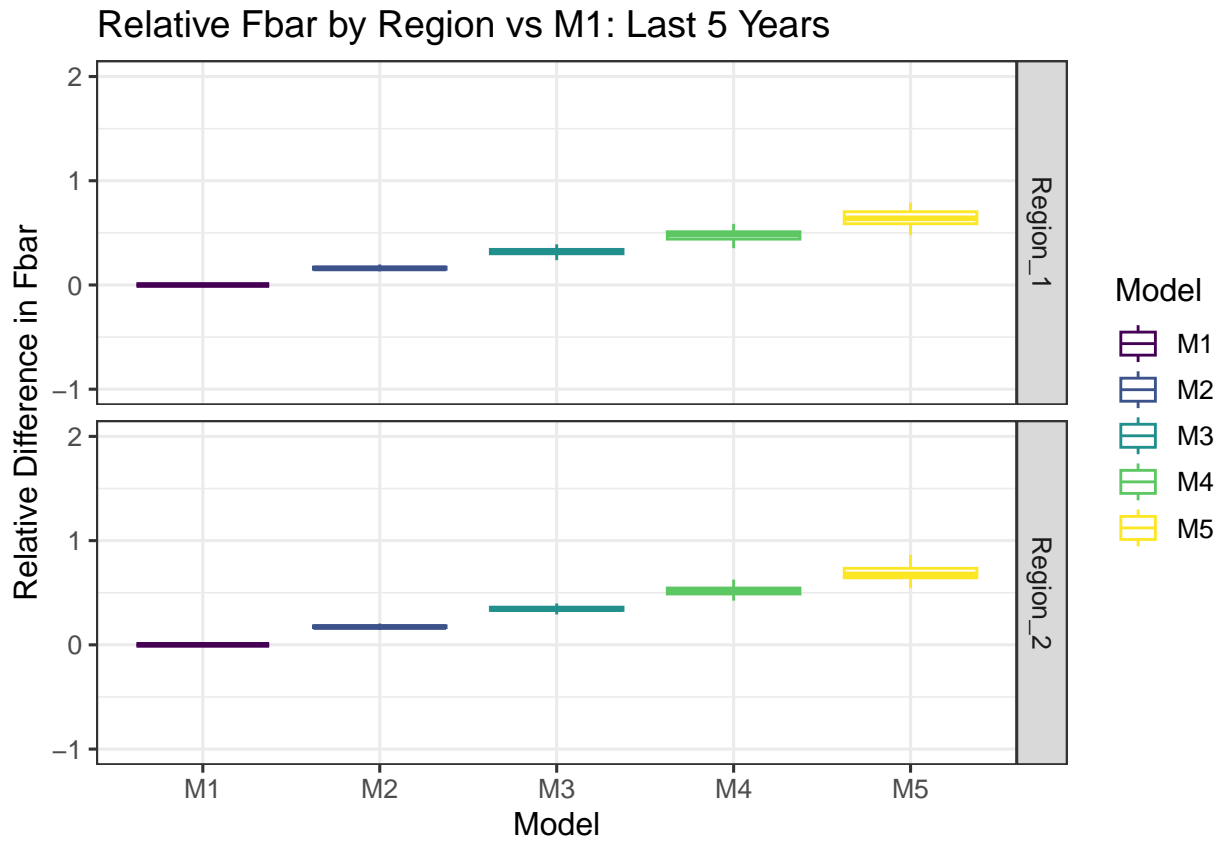
```
##  
## $global
```



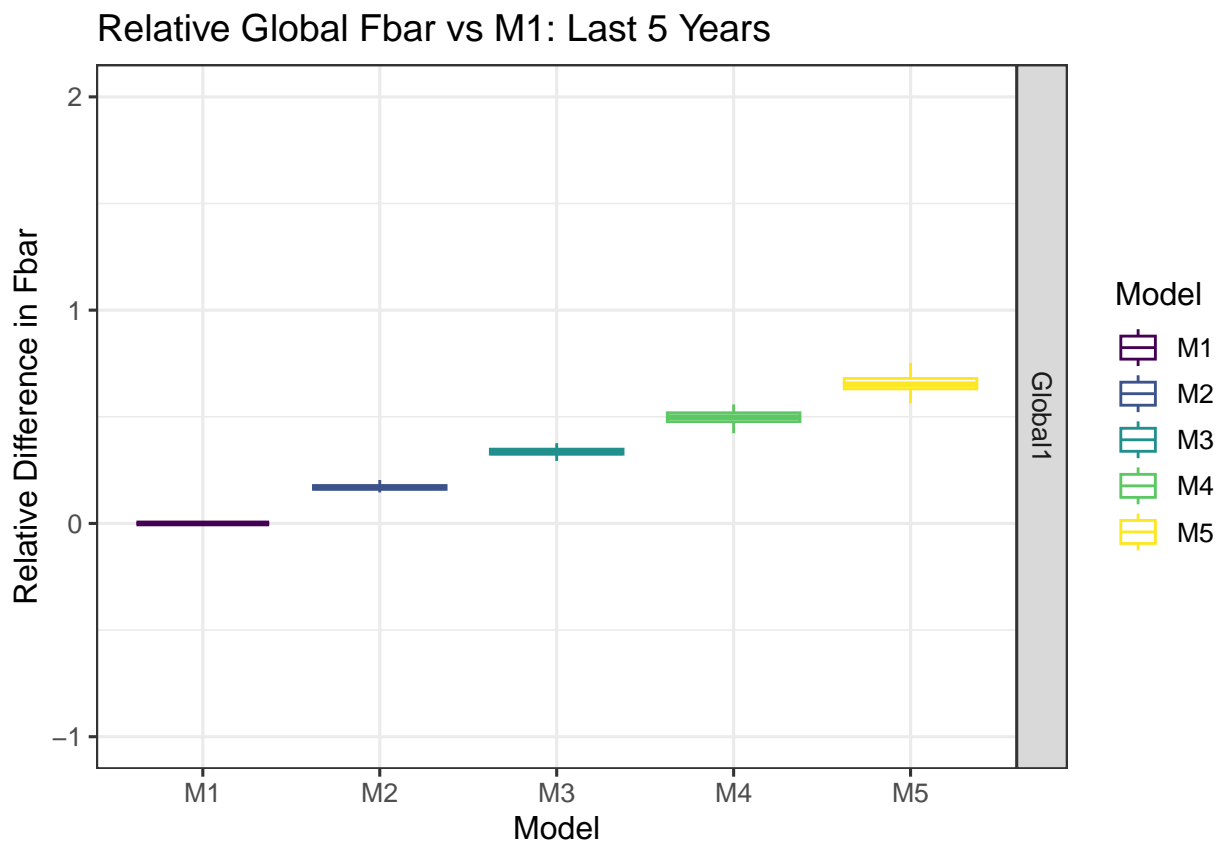
## \$fleet

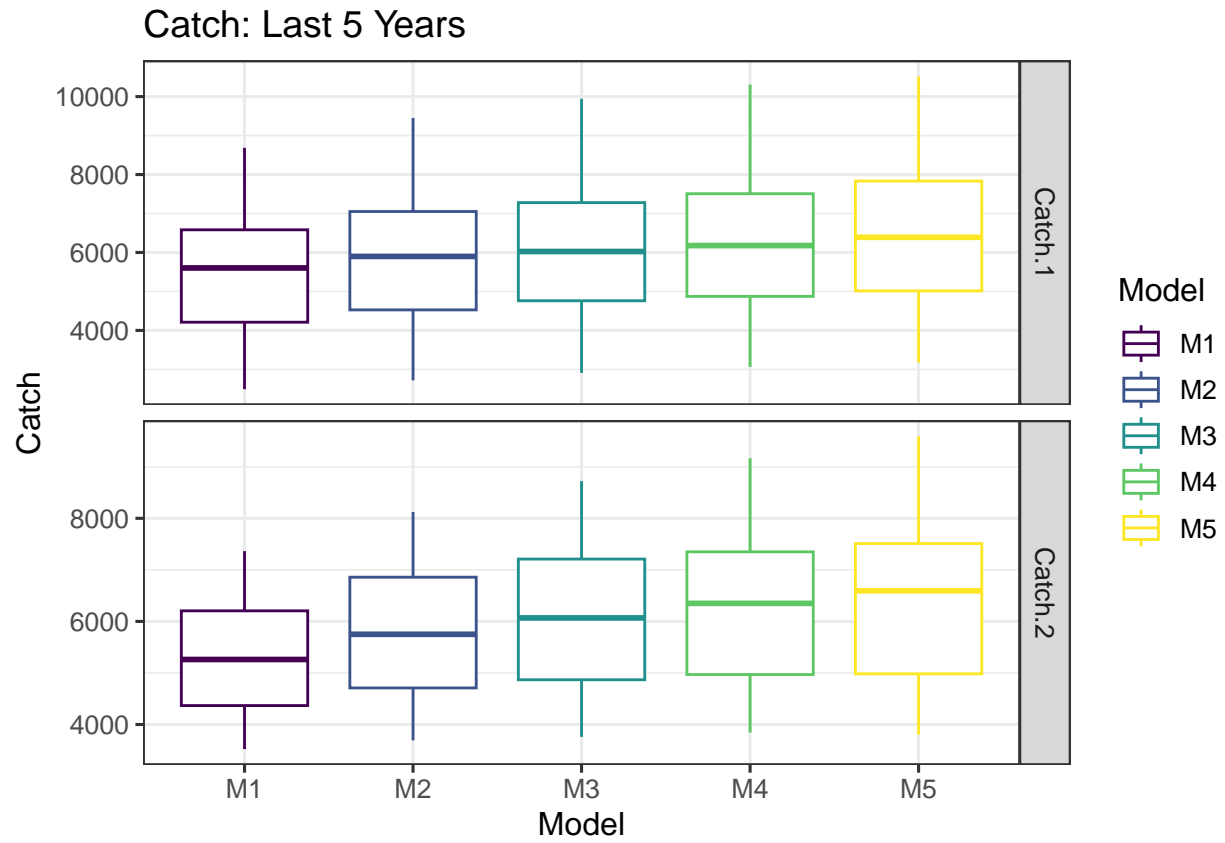


```
##
## $region
```

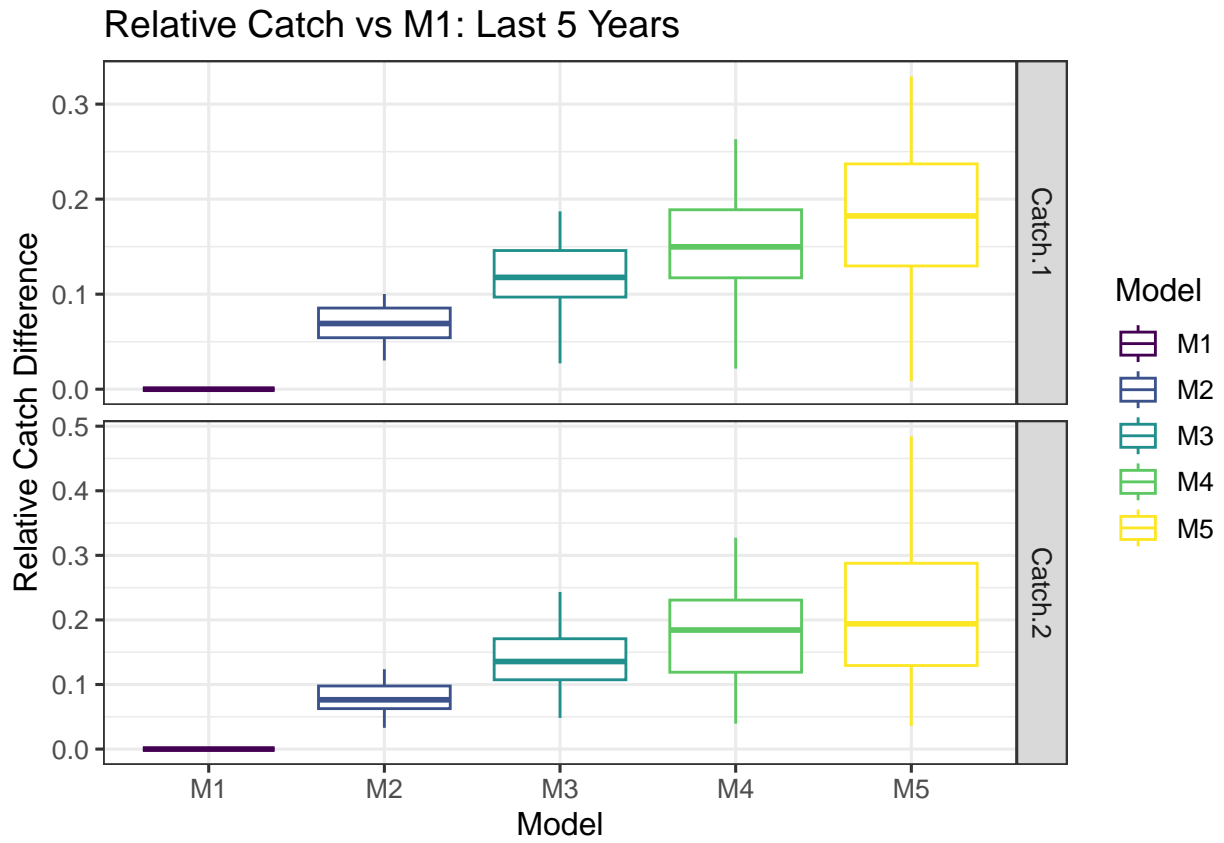


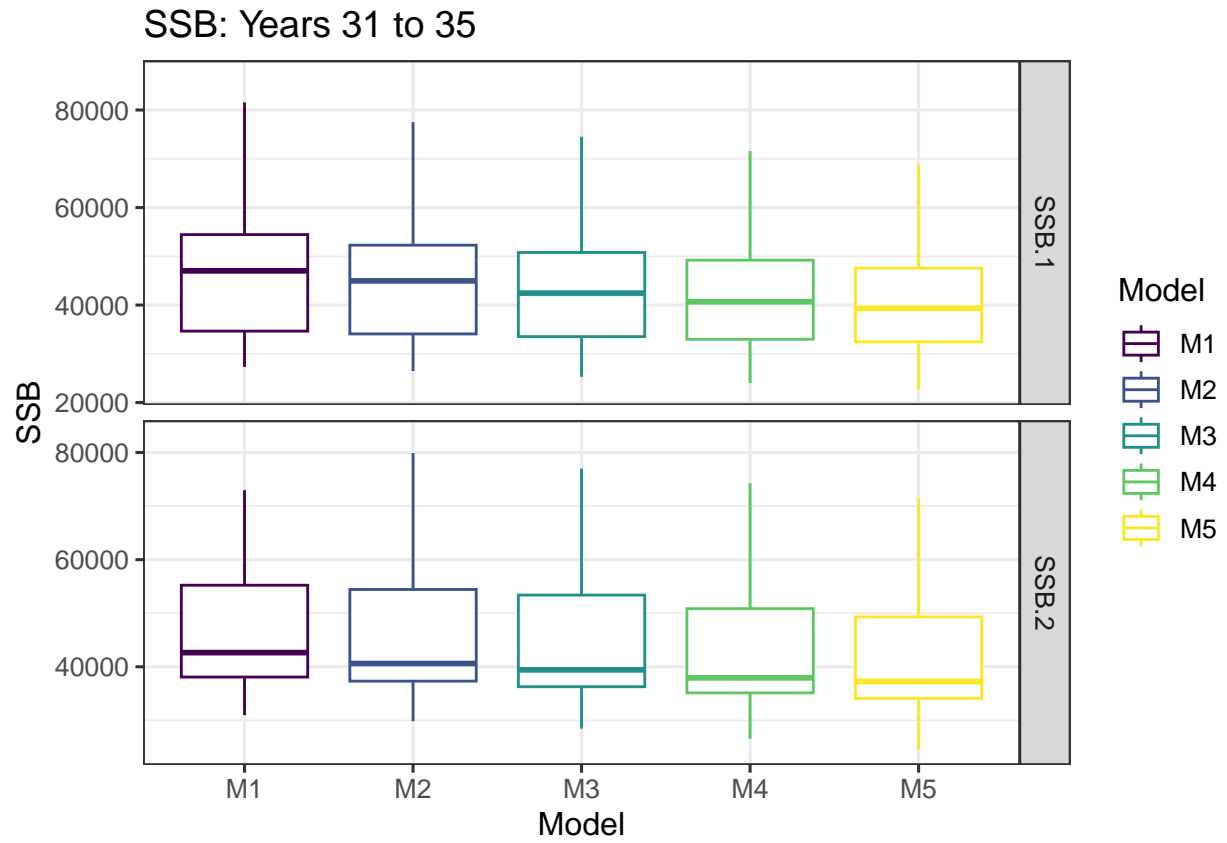
```
##  
## $global
```

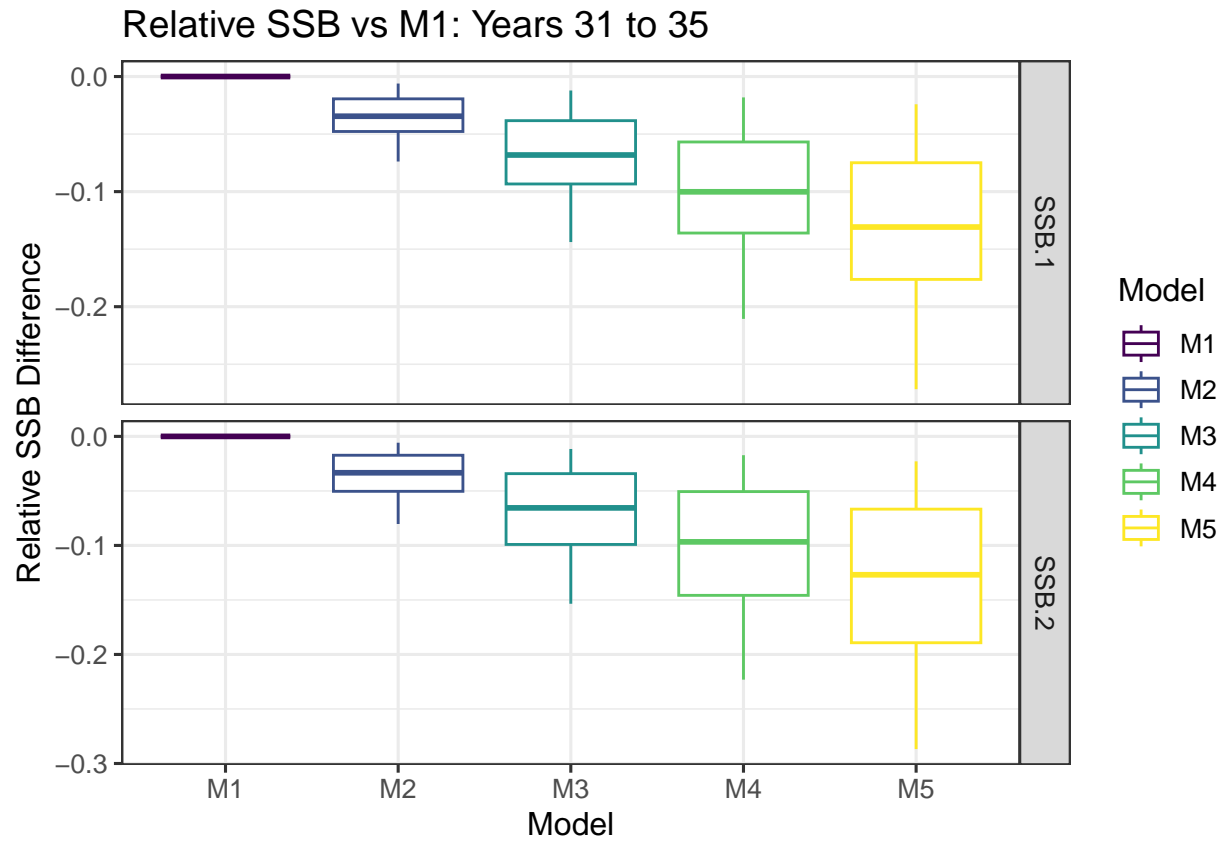




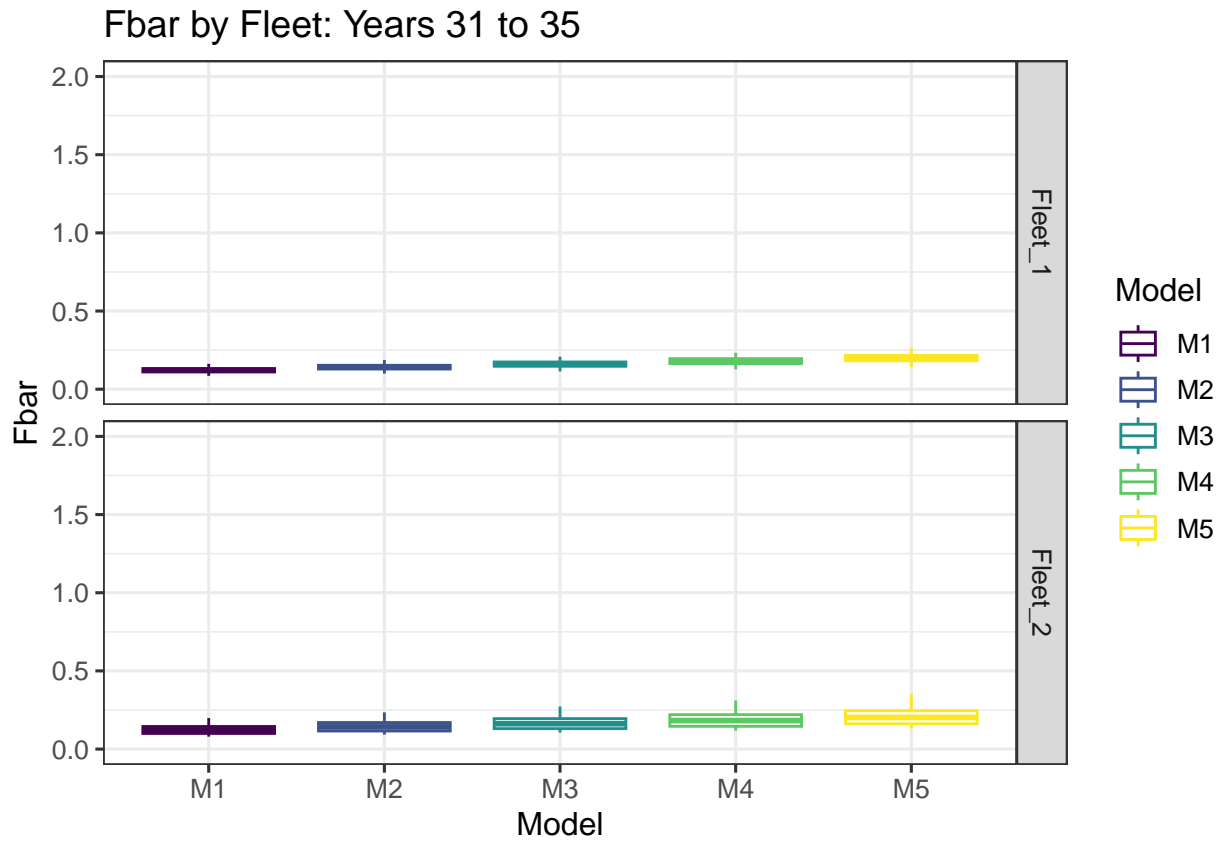




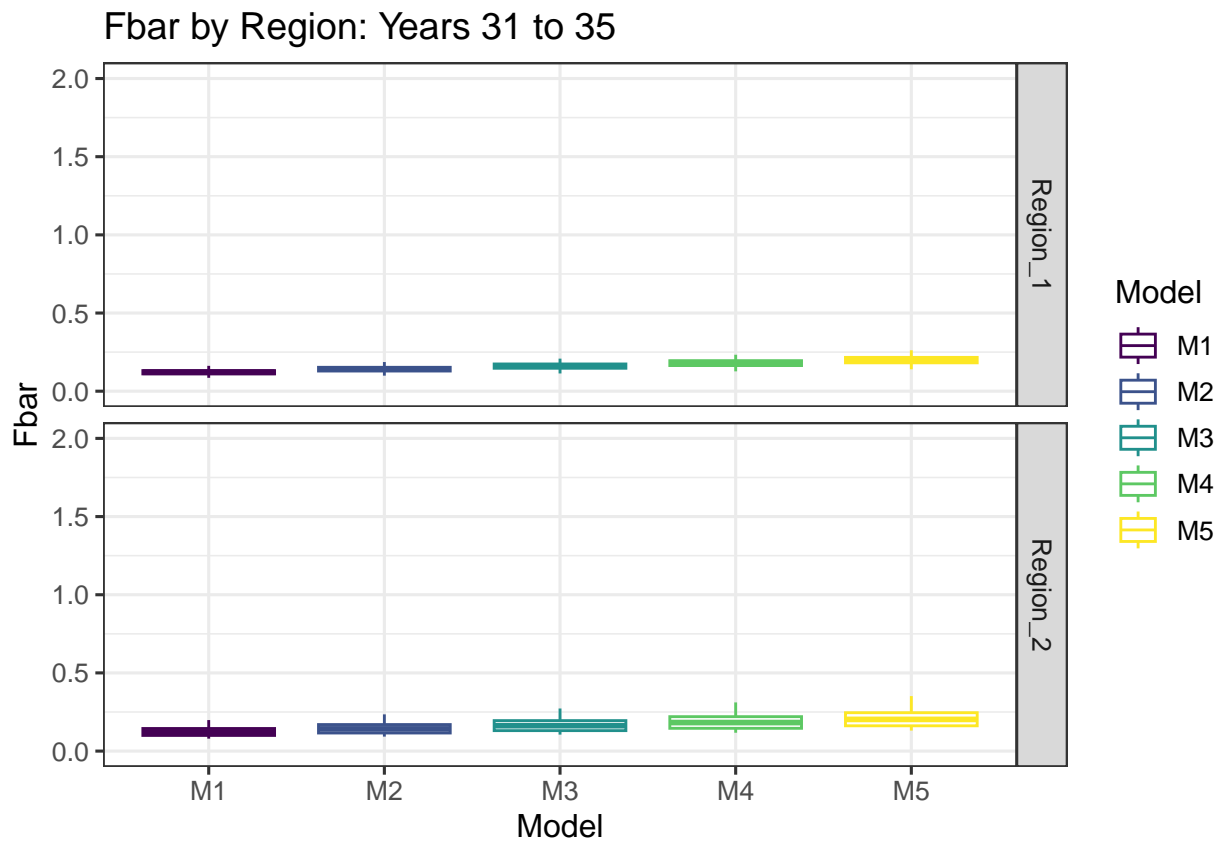




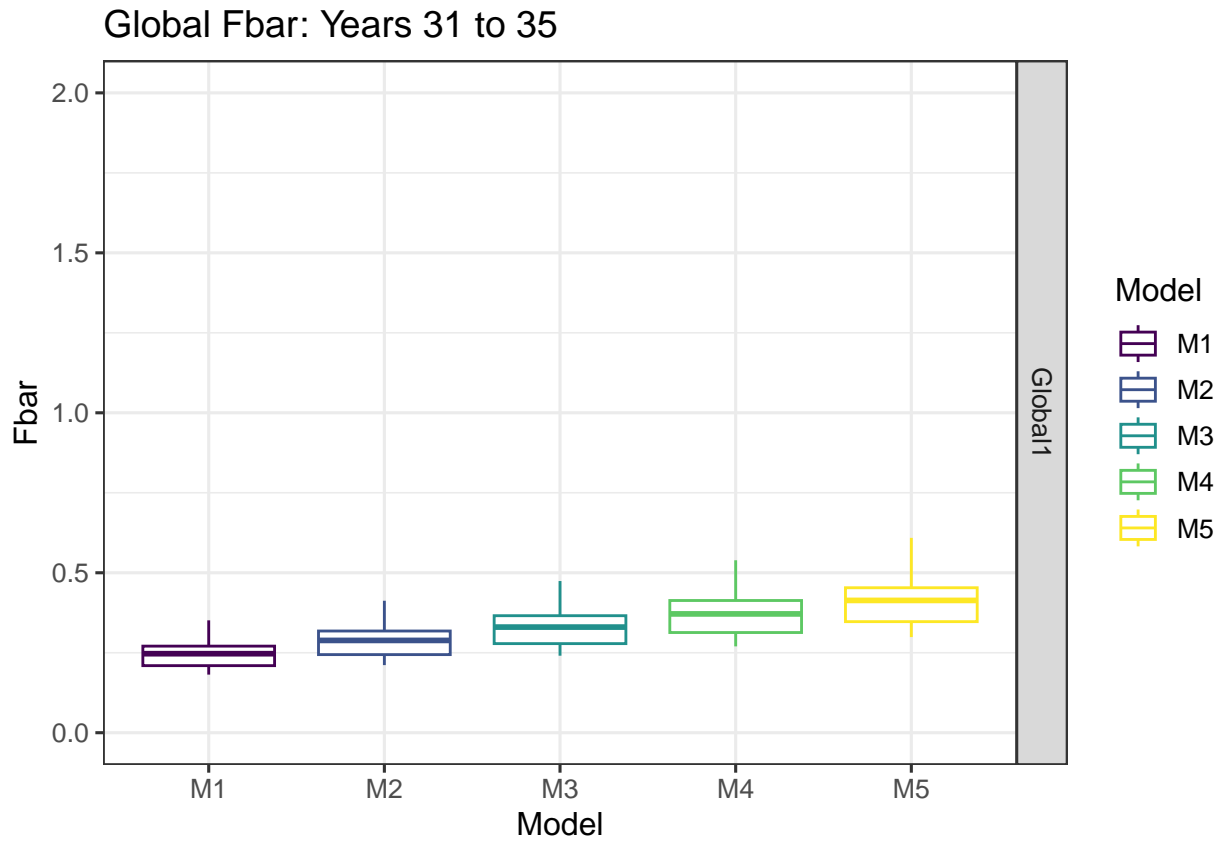
## \$fleet



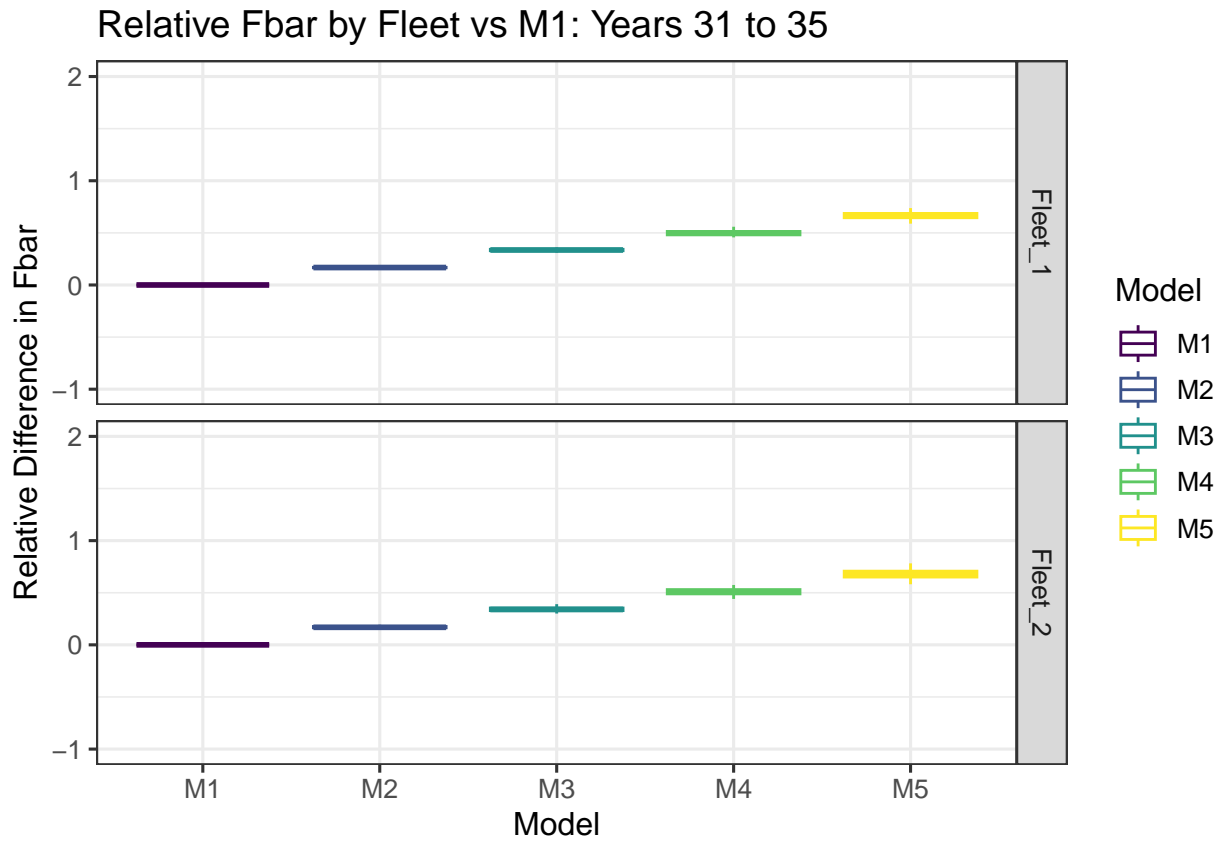
```
##  
## $region
```



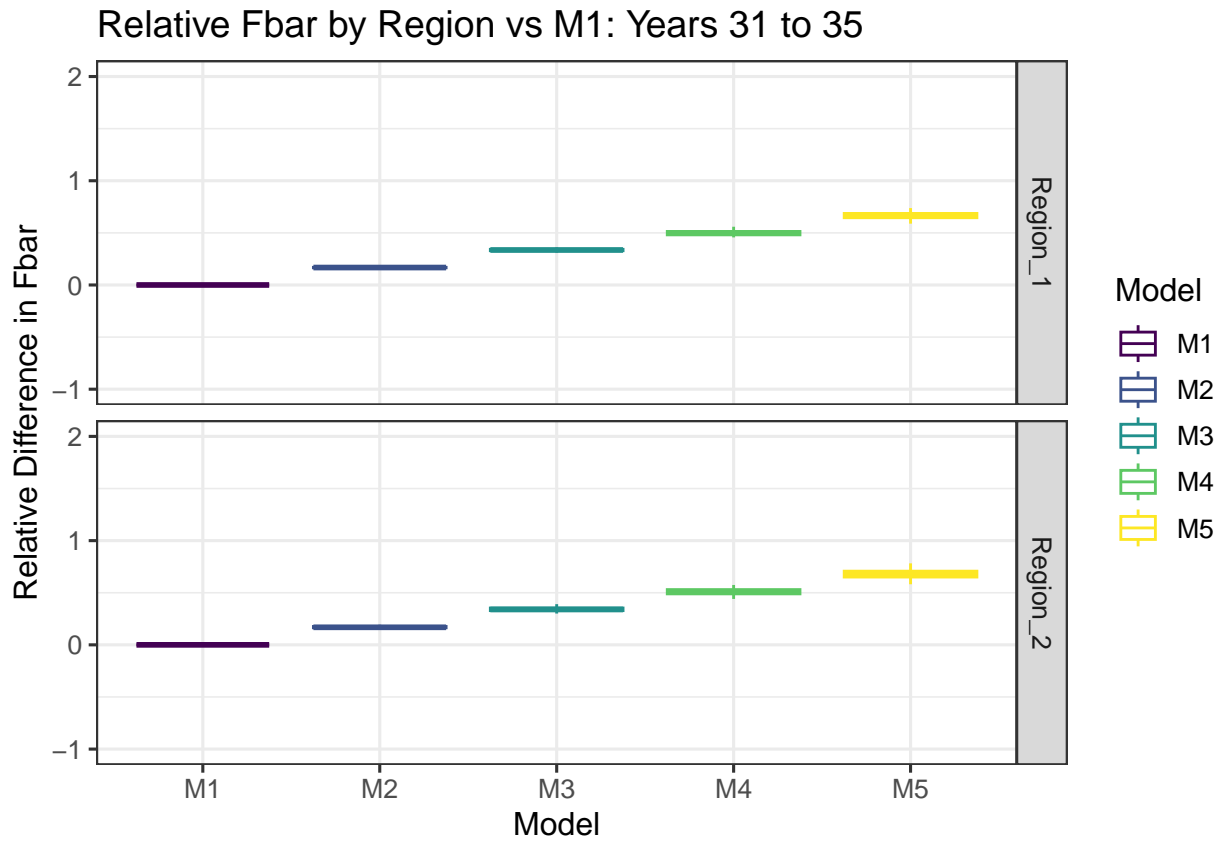
```
##  
## $global
```



## \$fleet

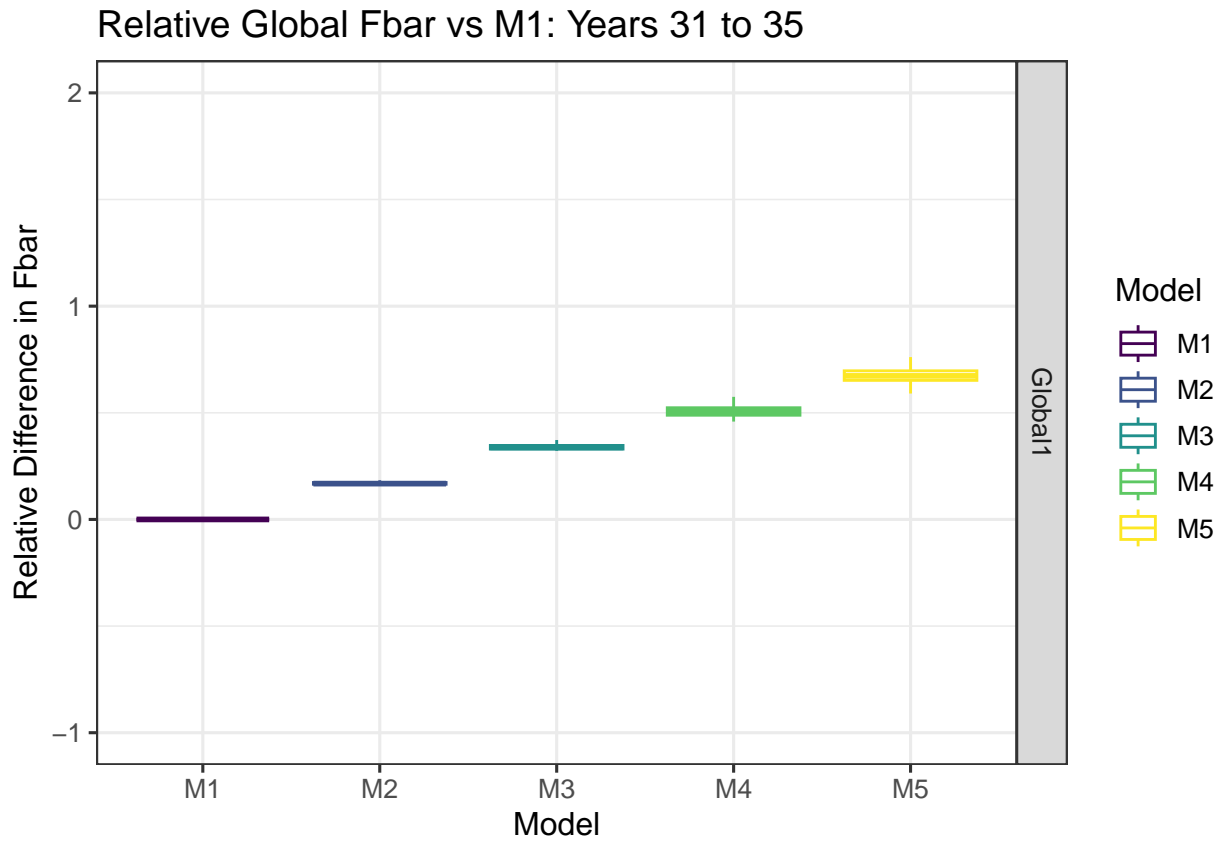


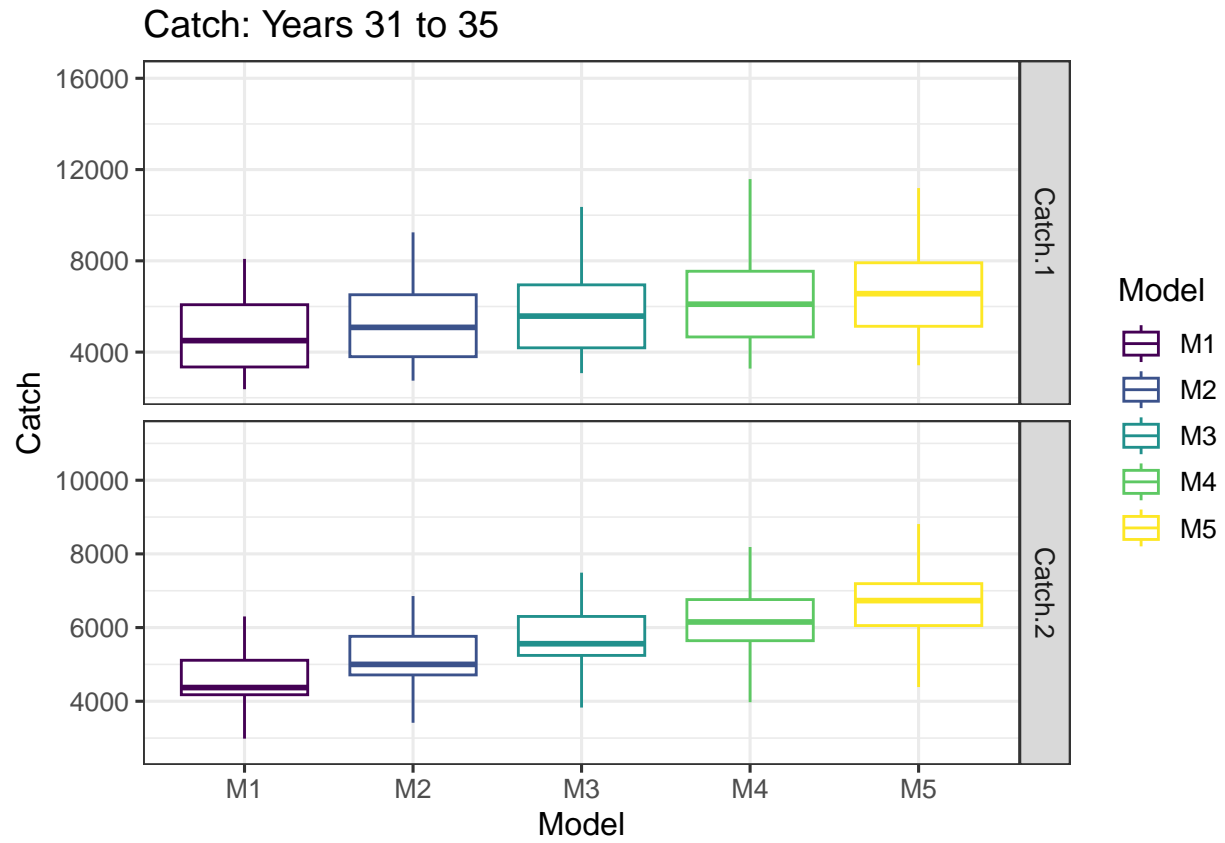
```
##  
## $region
```

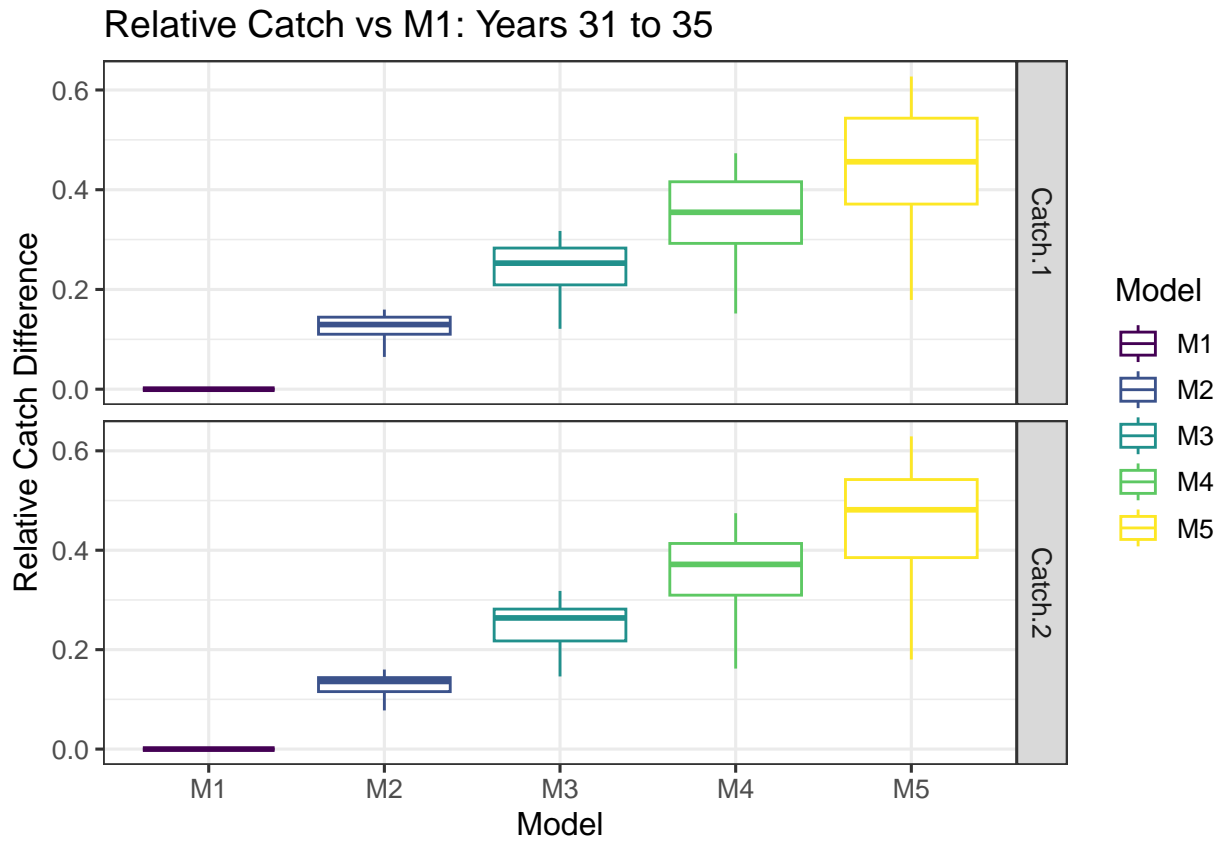


```
##  
## $global
```

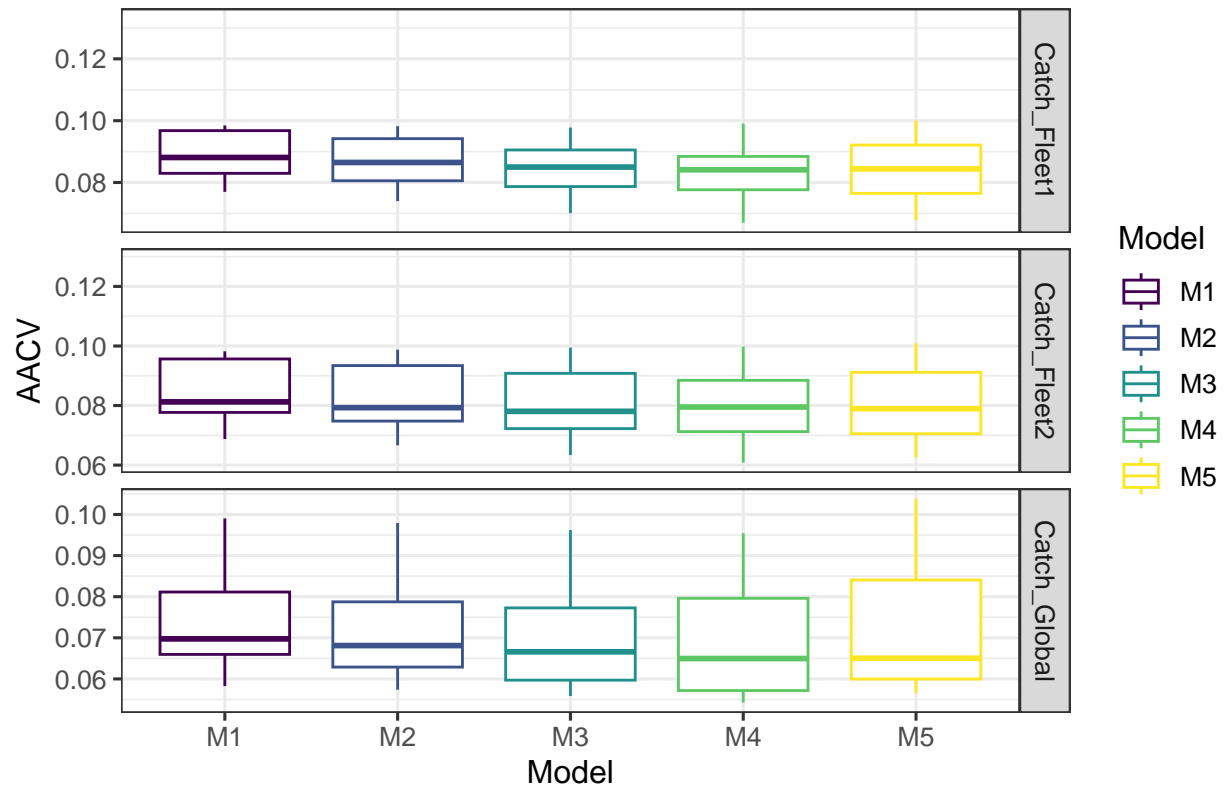


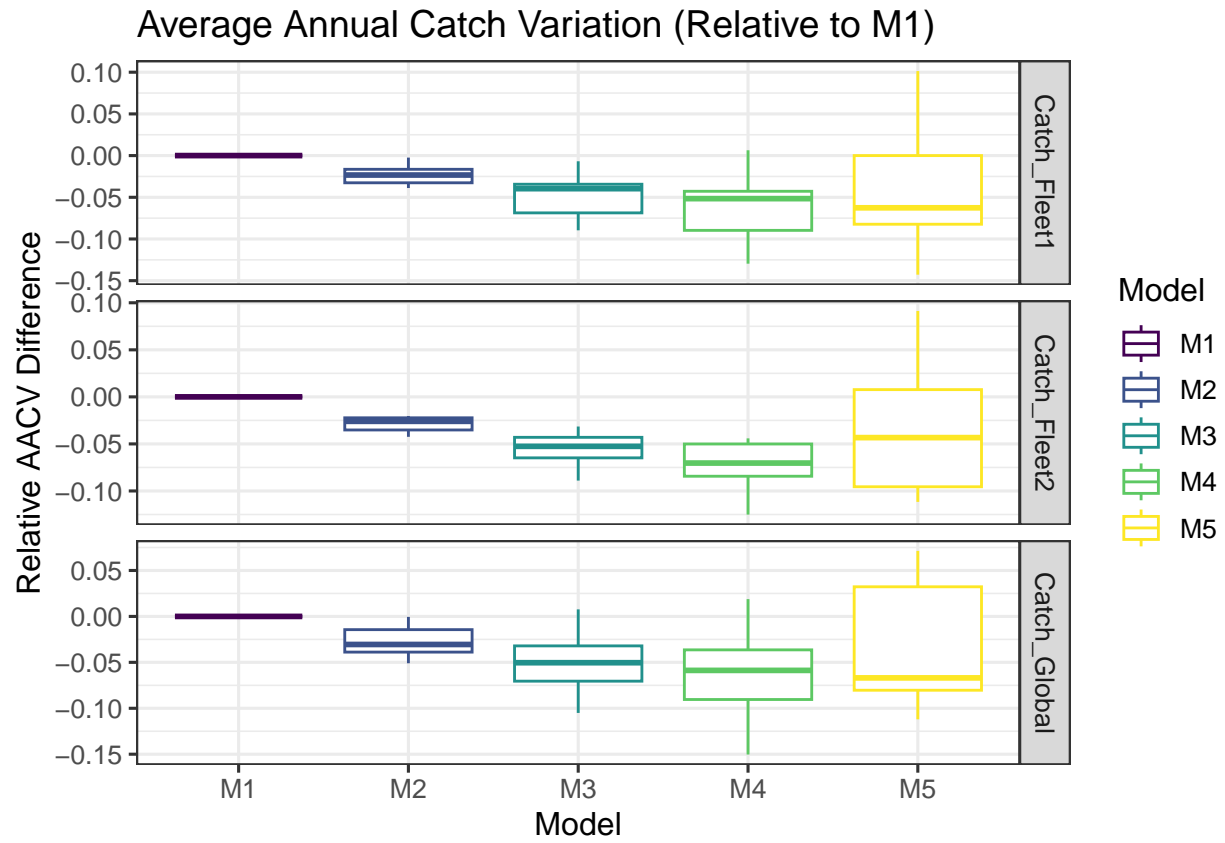


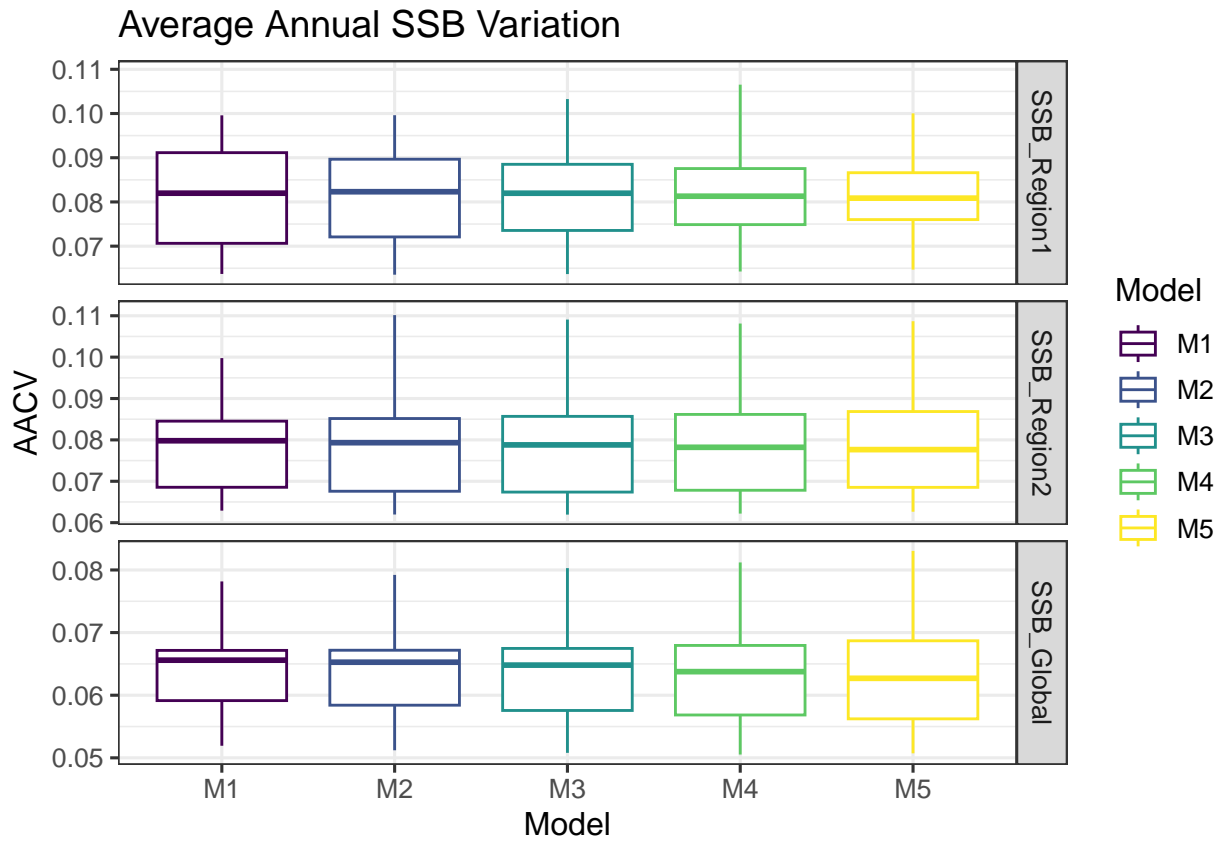


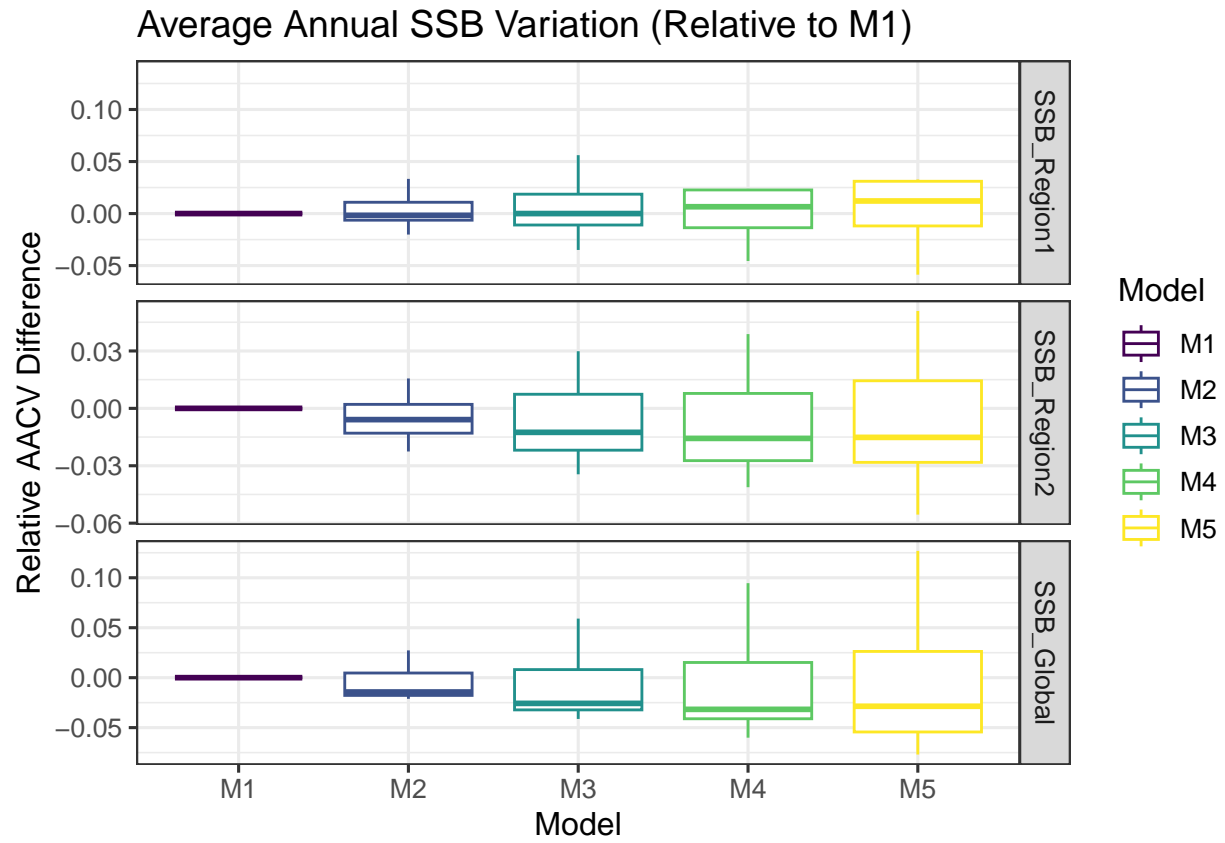


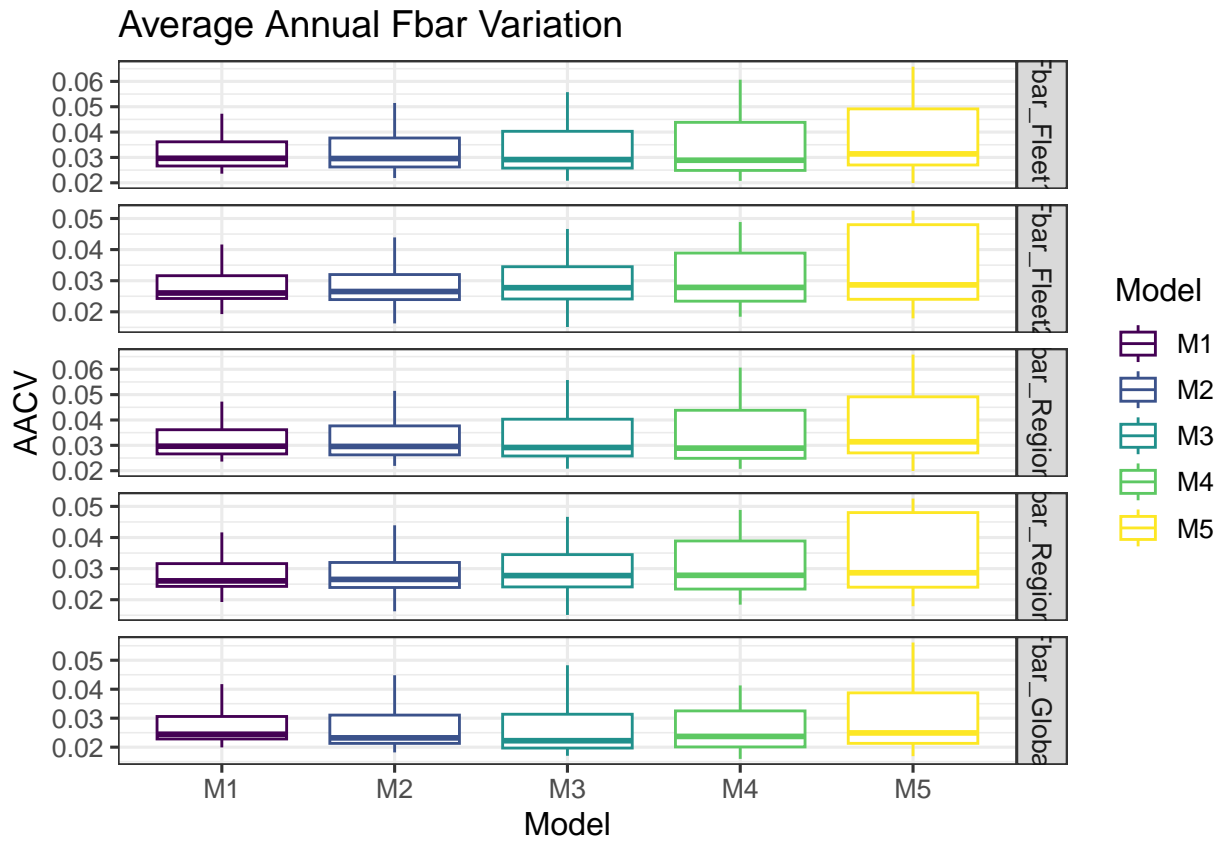
Average Annual Catch Variation



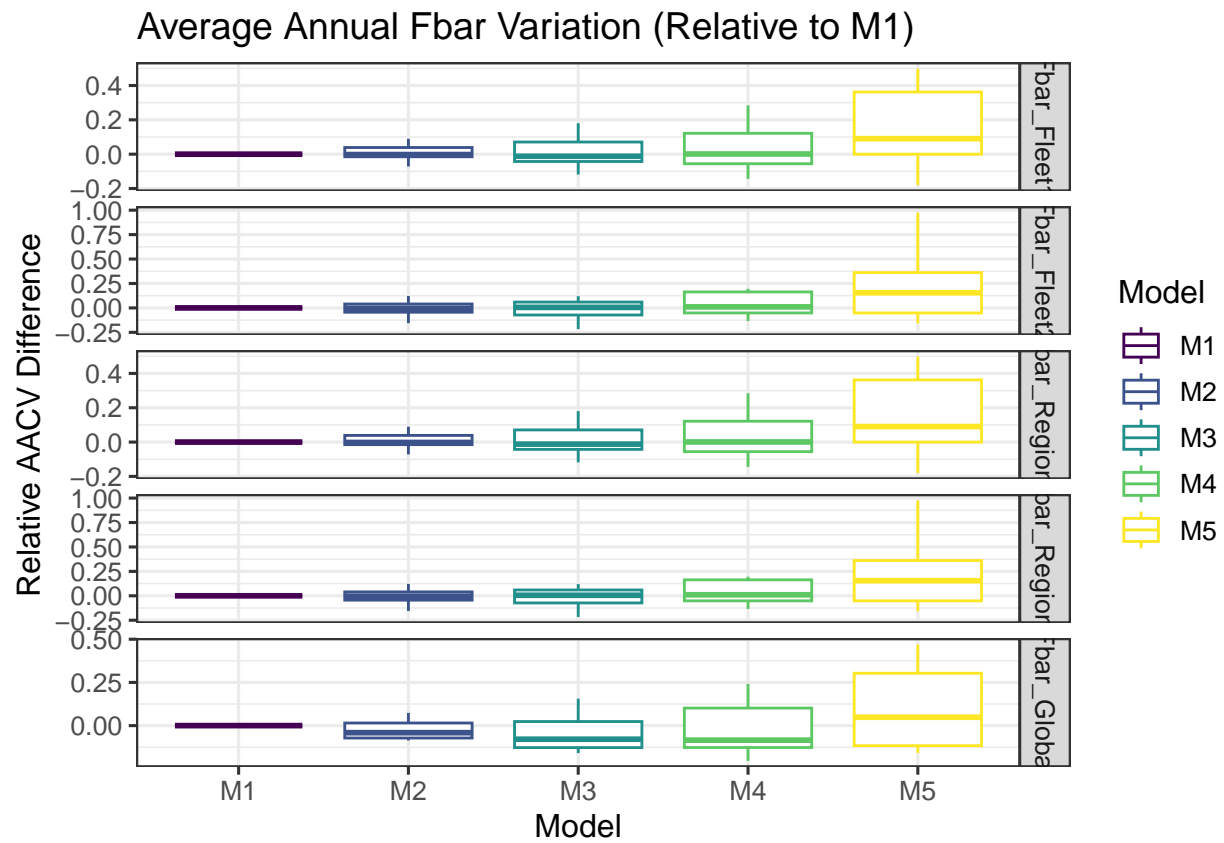




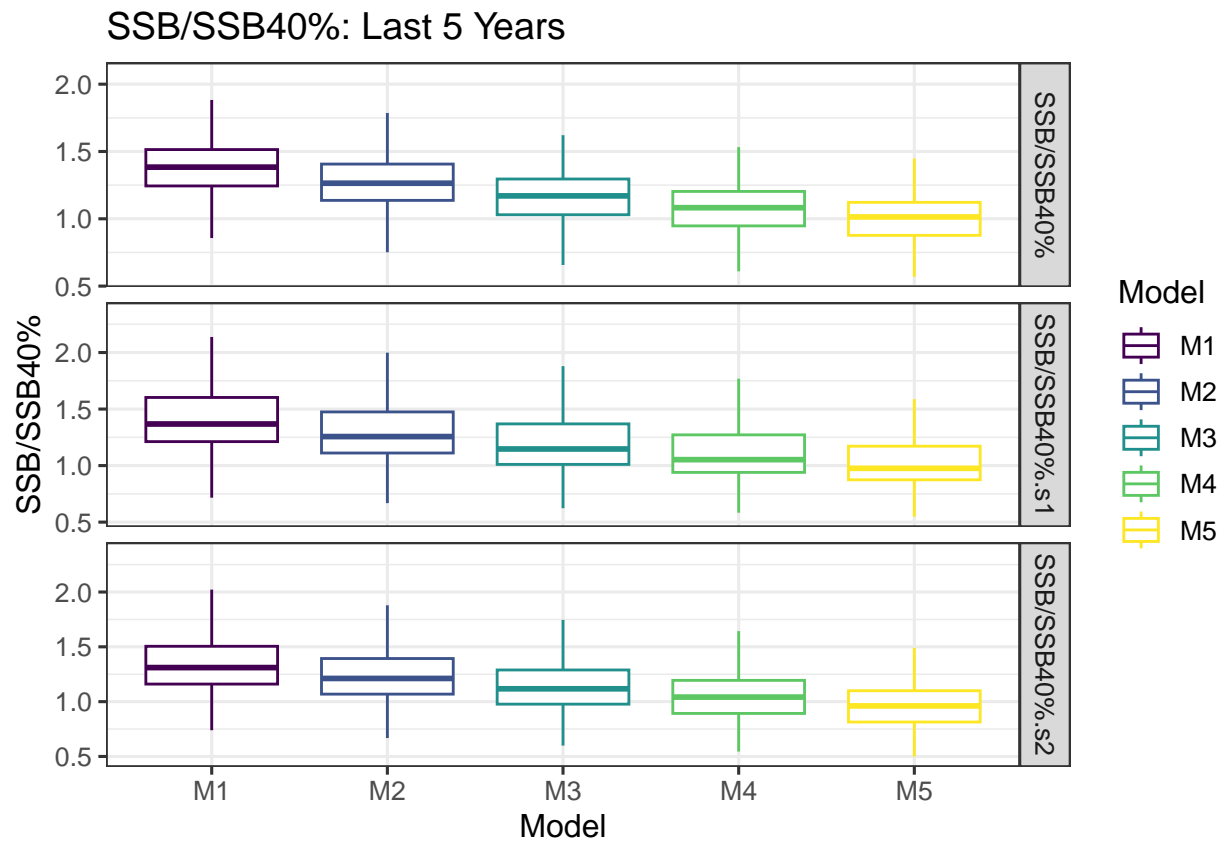




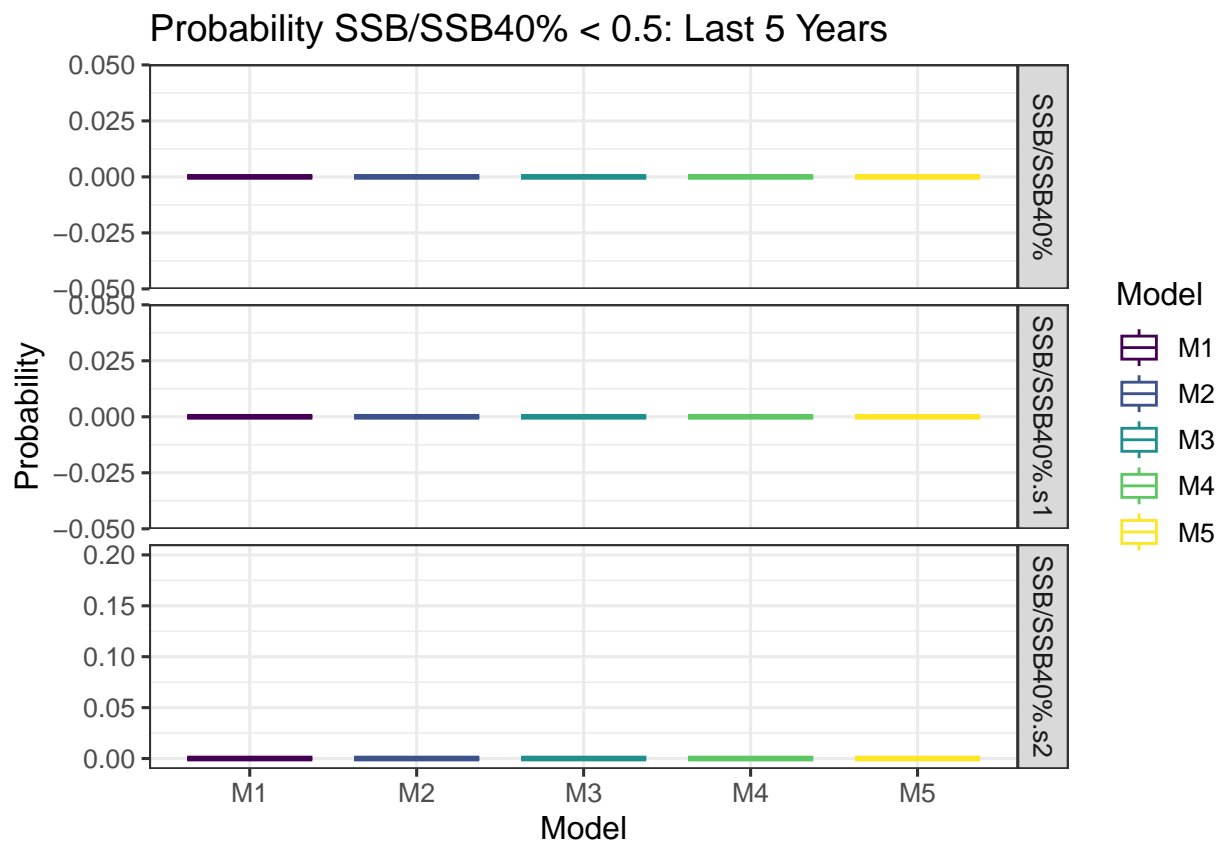




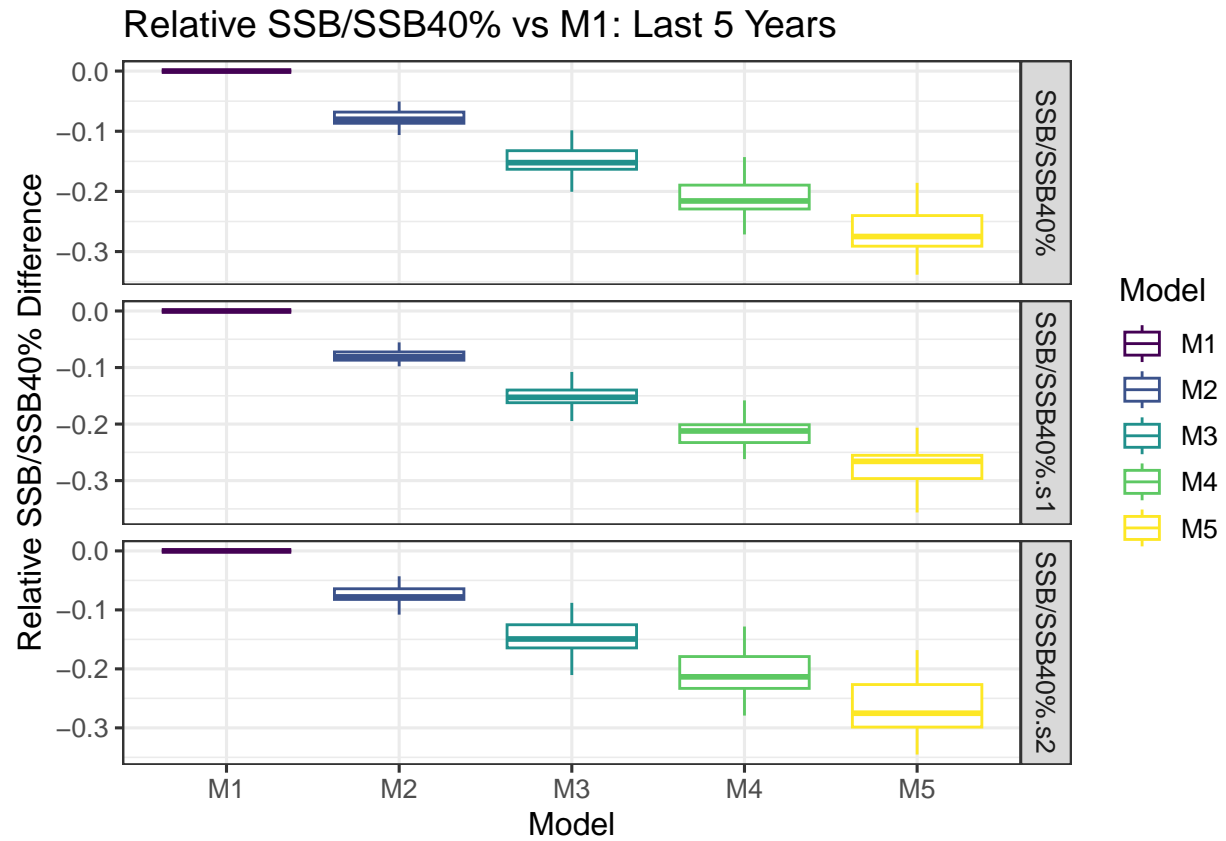
## \$boxplot



```
##
## $probplot
```

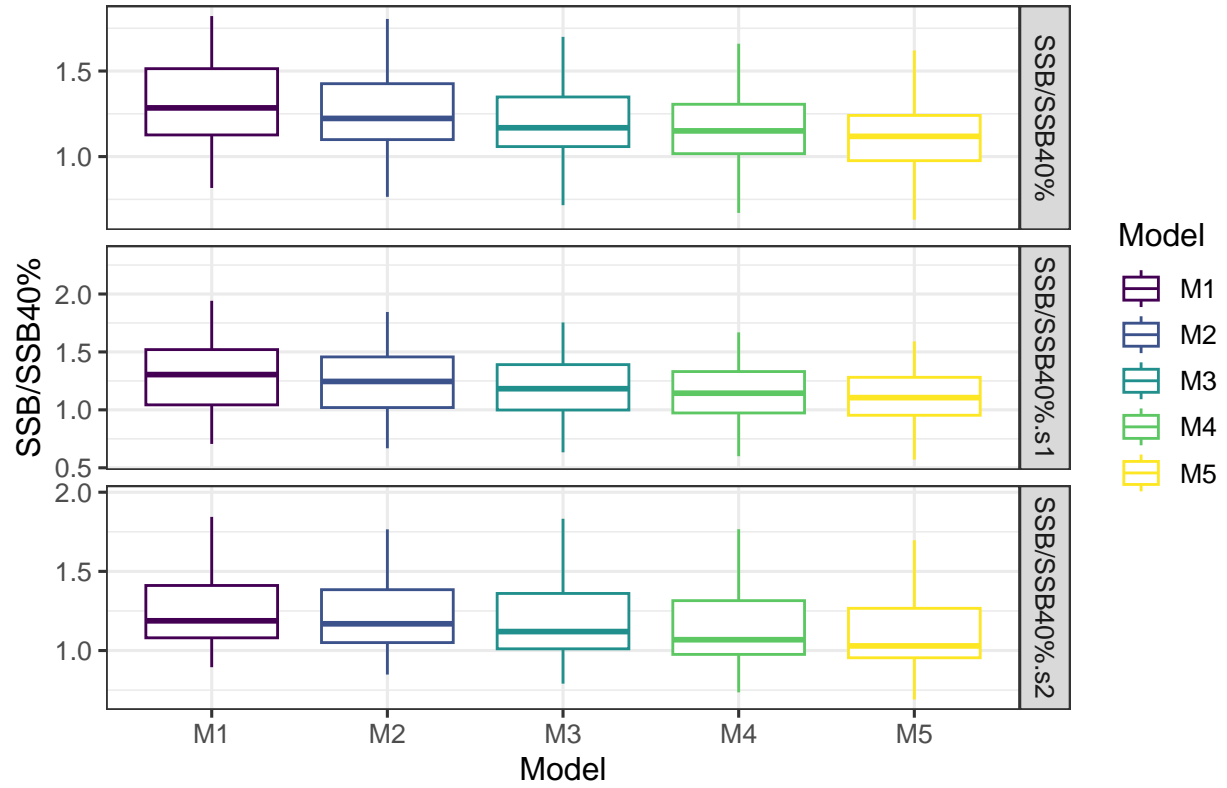


## \$boxplot

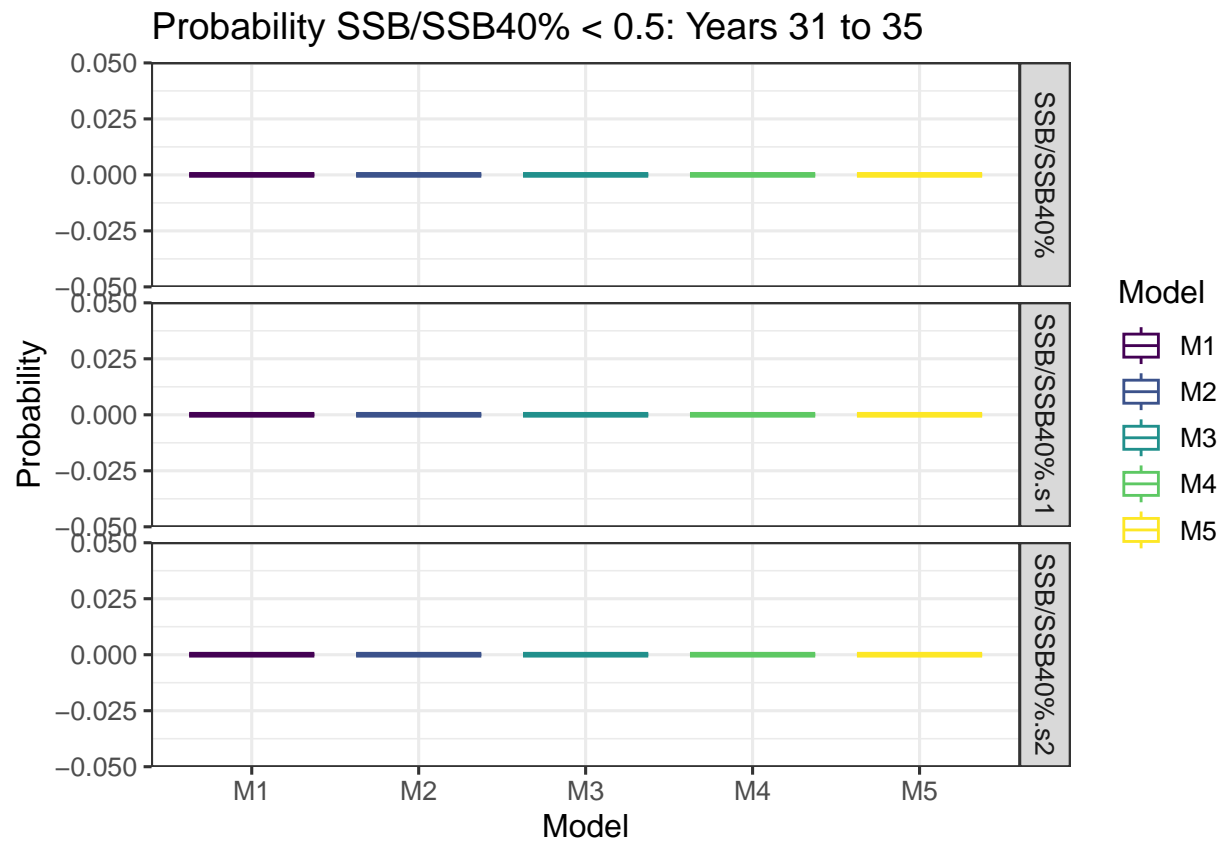


```
##
## $probplot
## NULL
## $boxplot
```

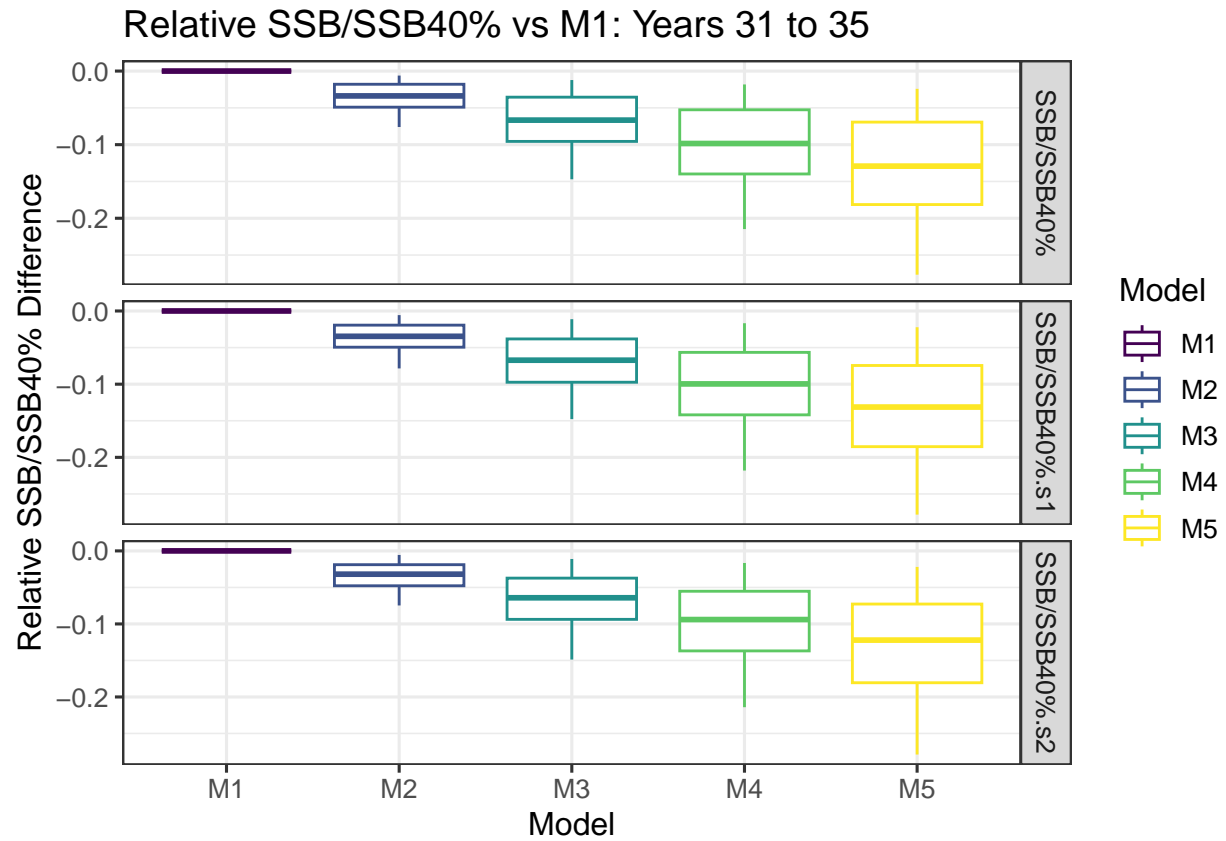
SSB/SSB40%: Years 31 to 35



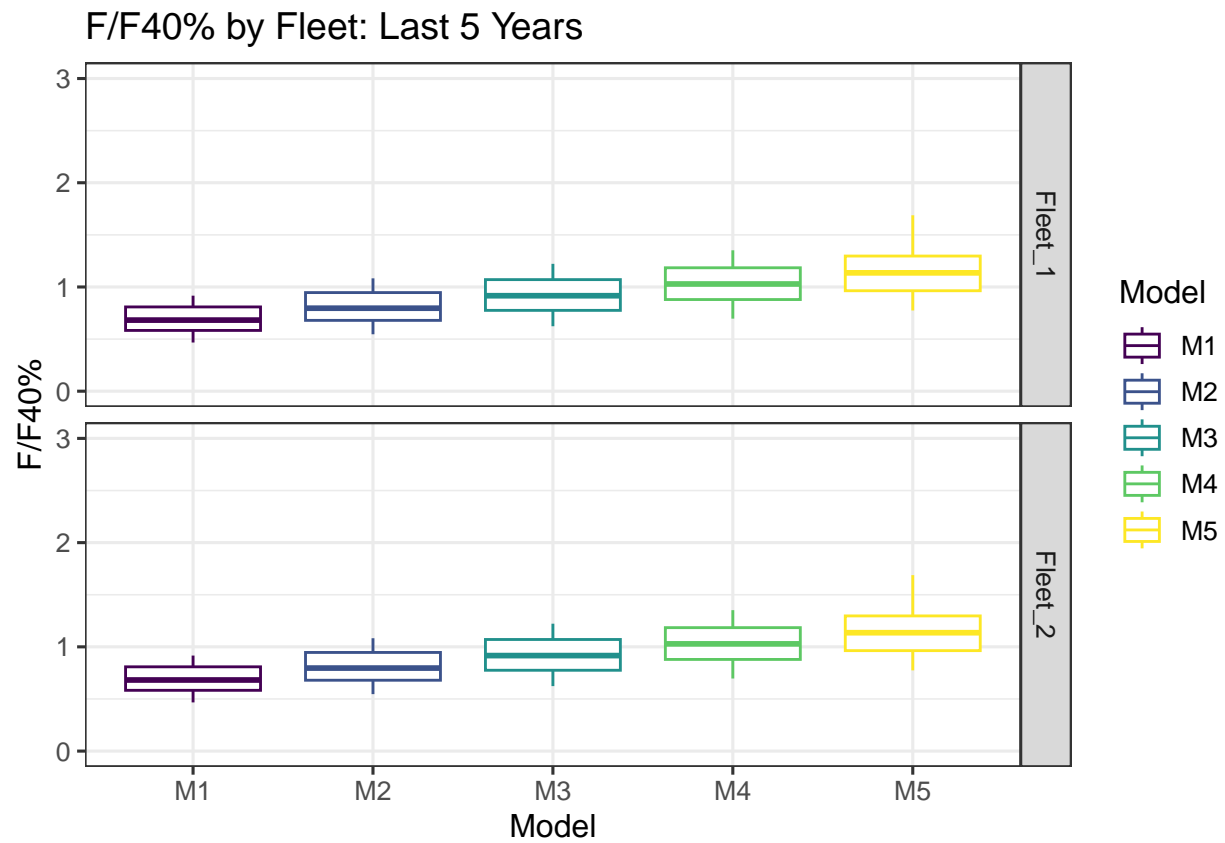
```
##
## $probplot
```



## \$boxplot

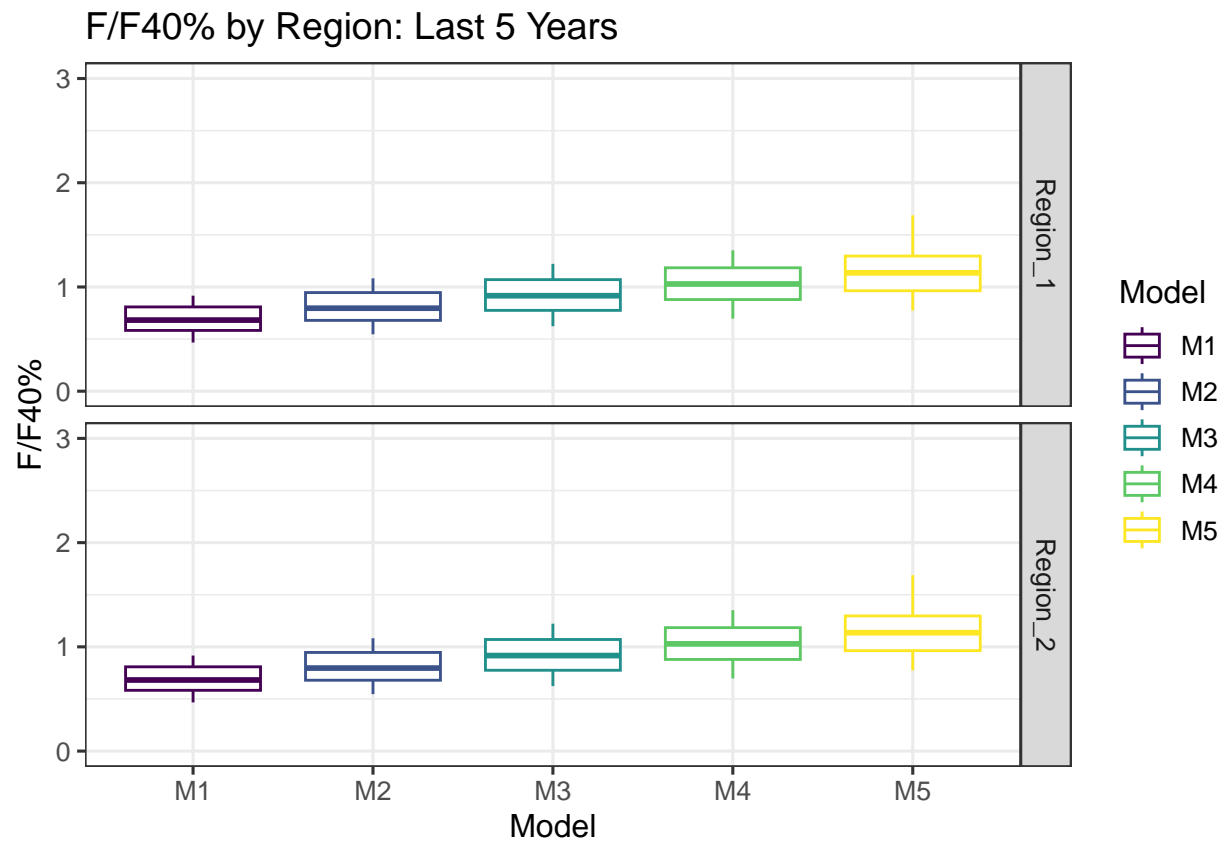


```
##
## $probplot
## NULL
## $fleet_box
```

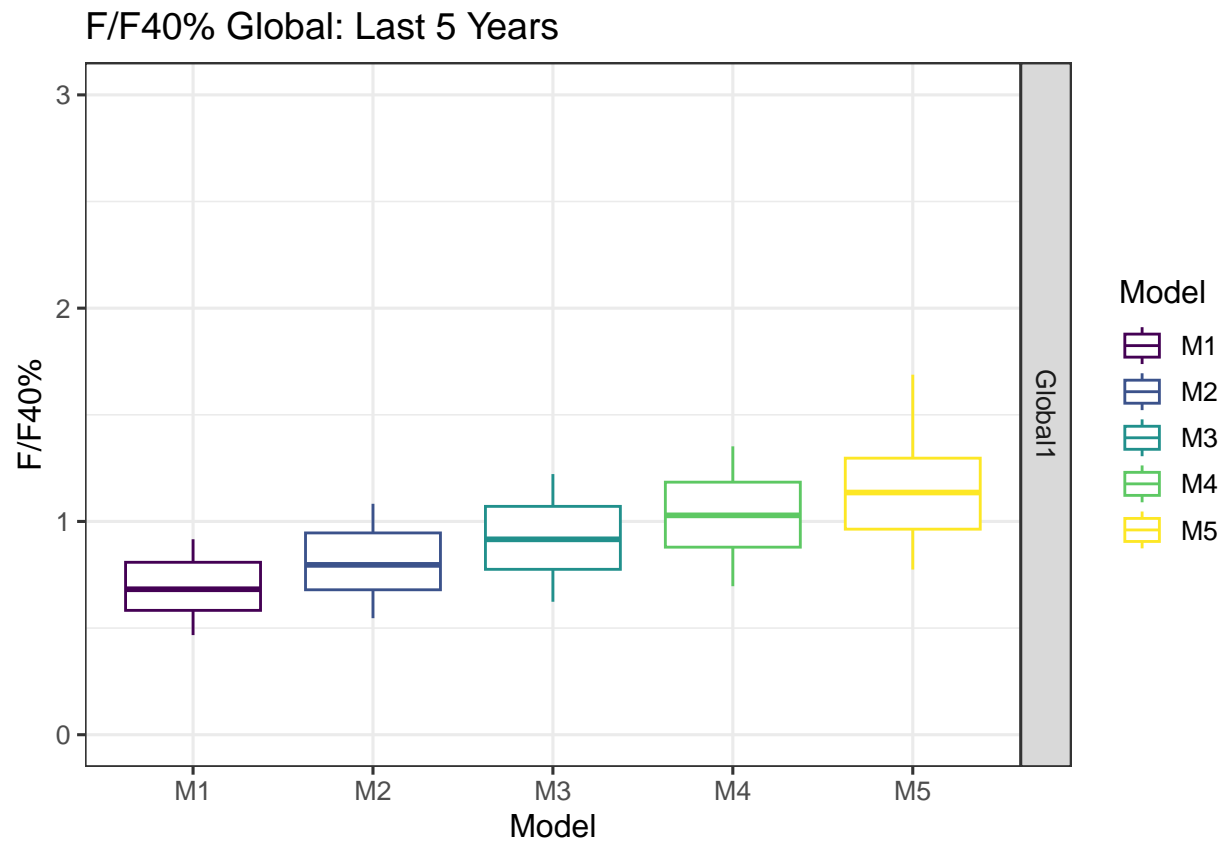


```
##
## $region_box
```

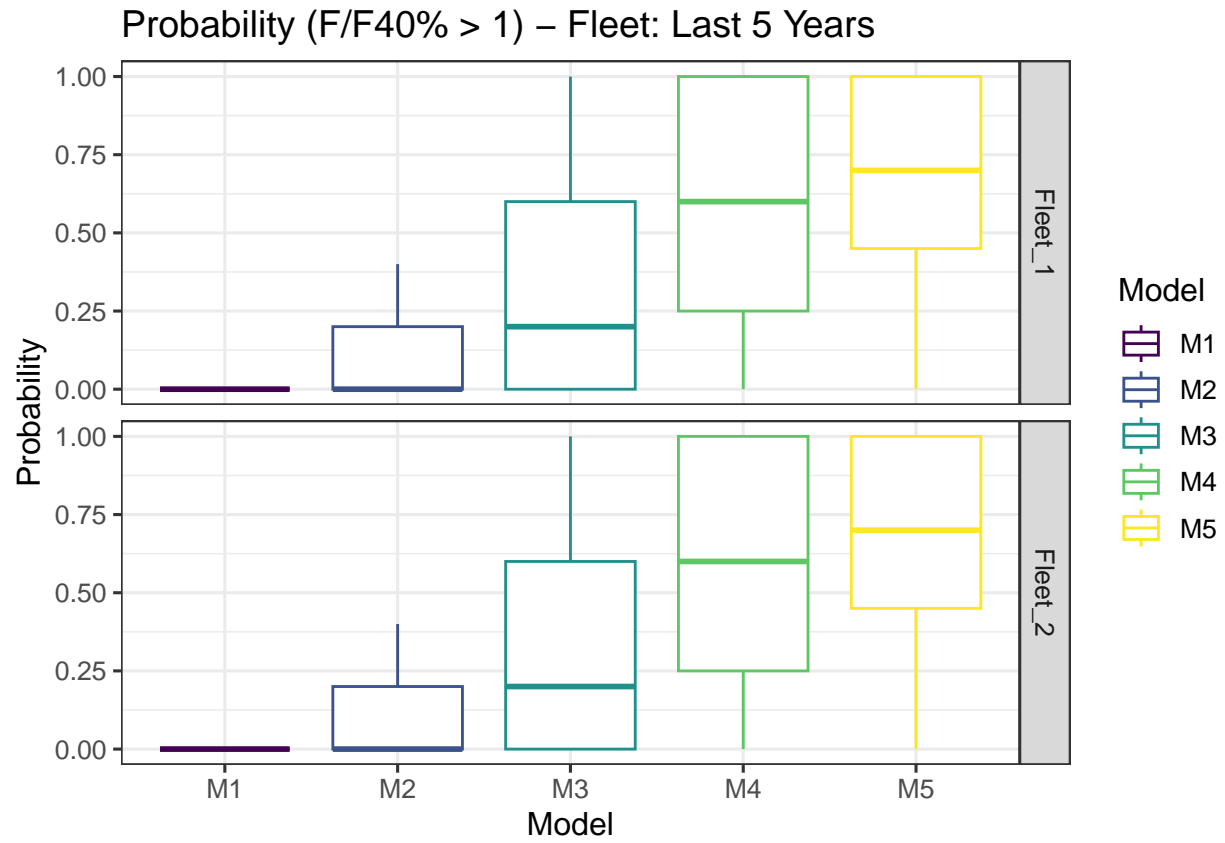




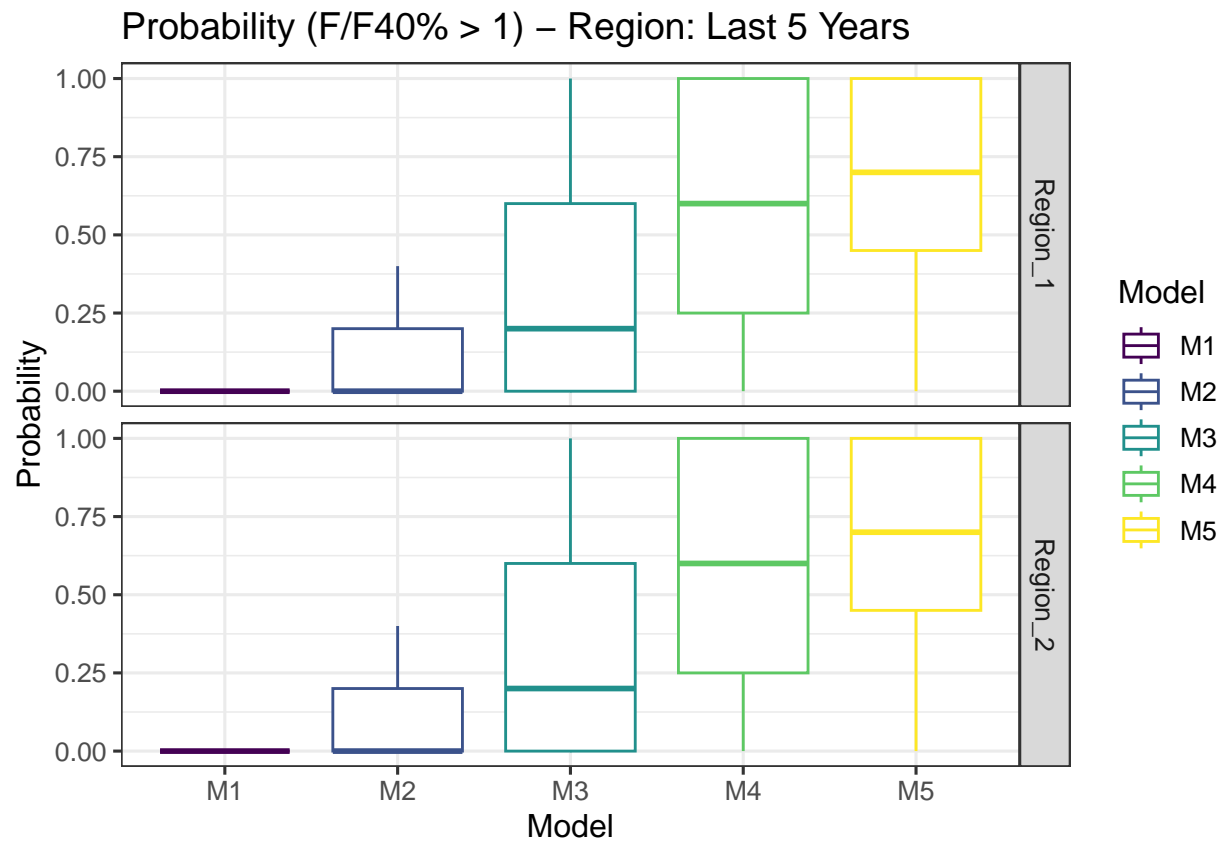
```
##  
## $global_box
```



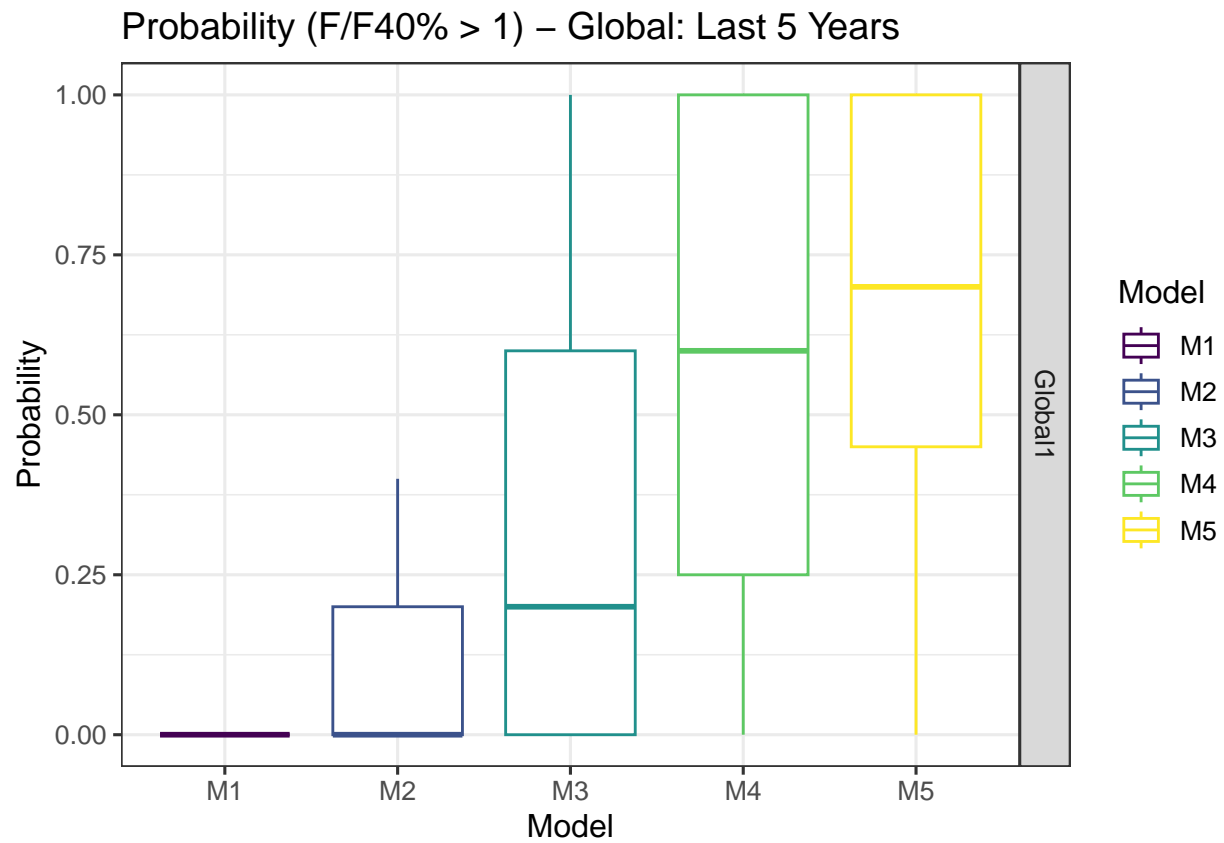
```
##  
## $fleet_prob
```



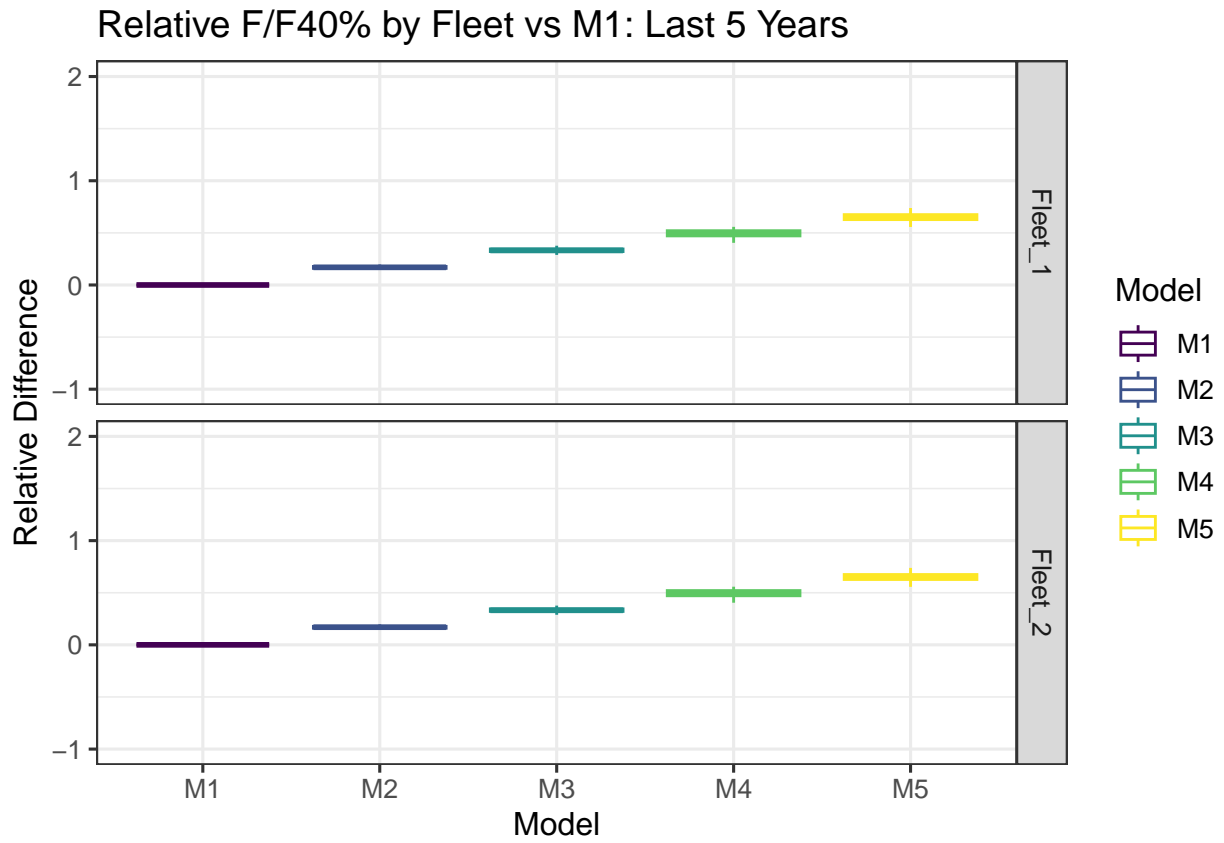
```
##
## $region_prob
```



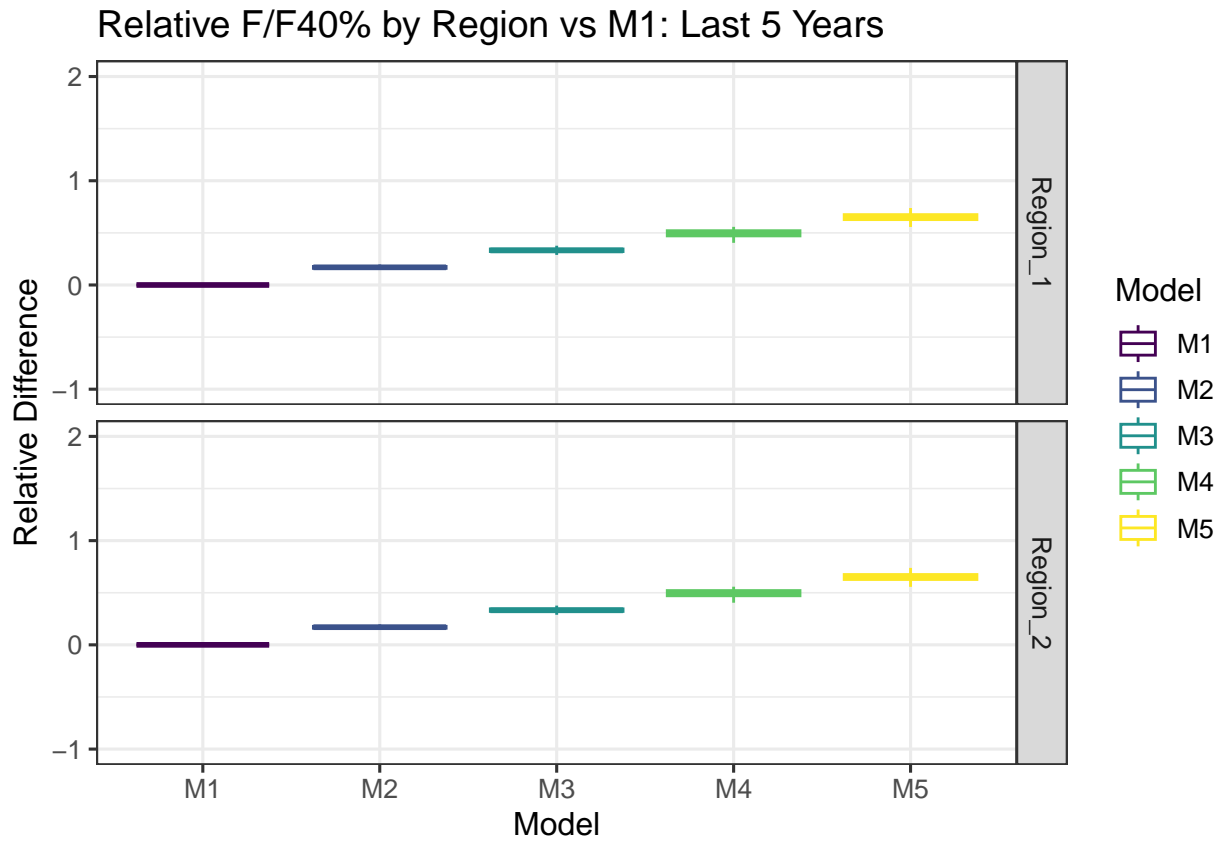
```
##
## $global_prob
```



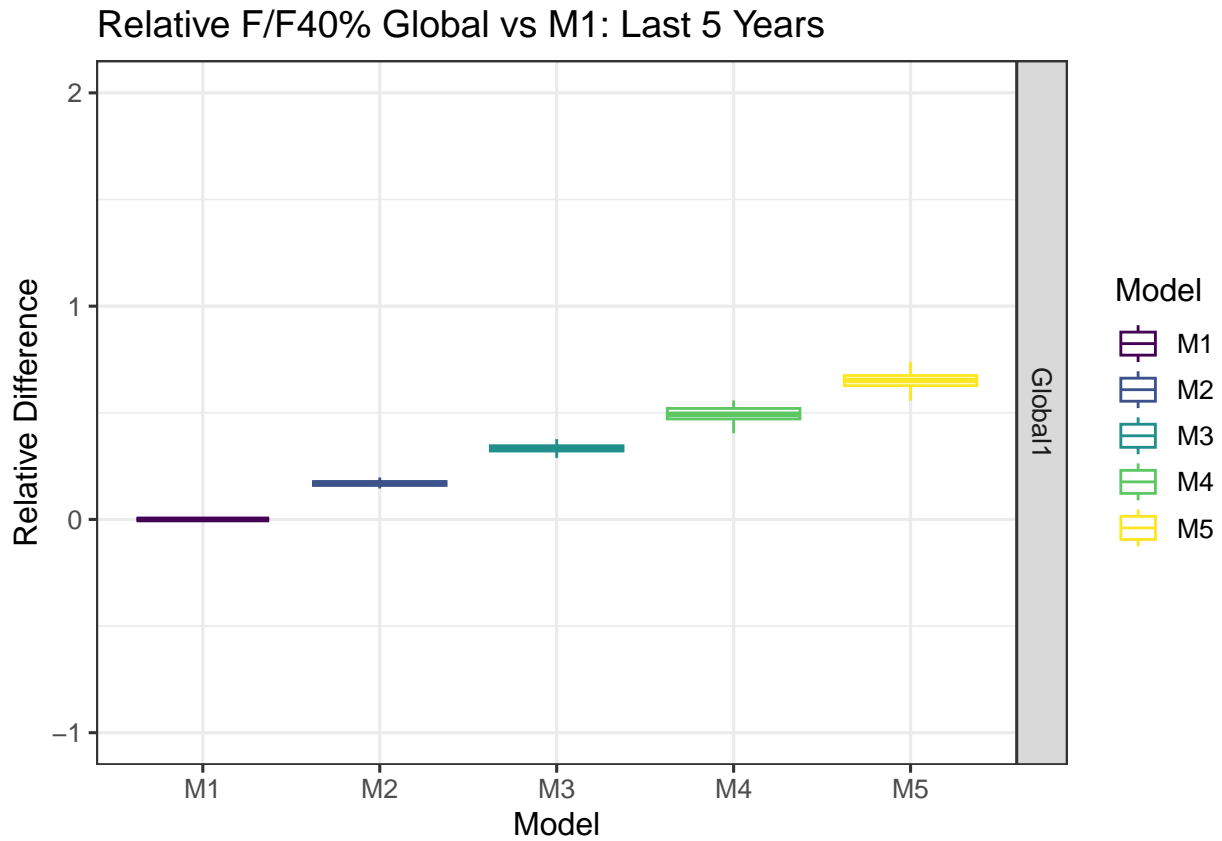
## \$fleet\_box



```
##  
## $region_box
```

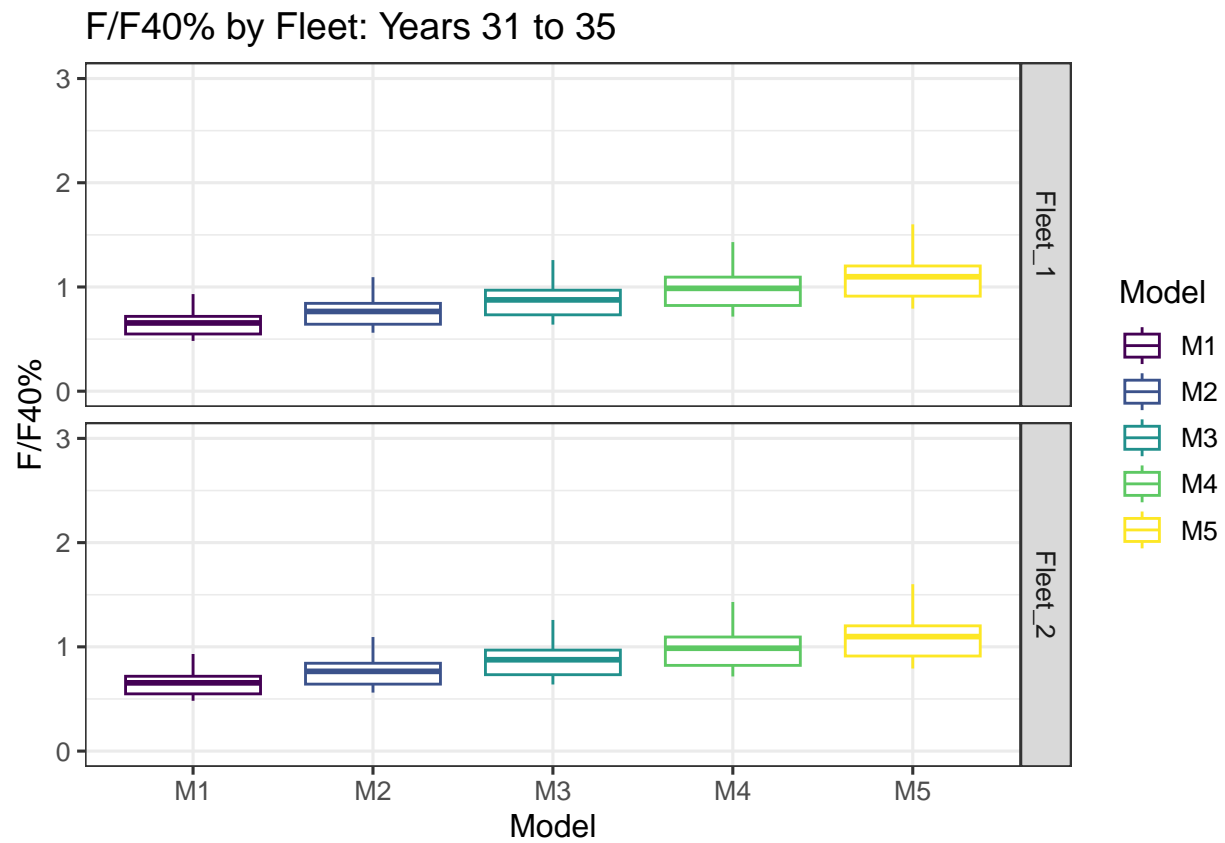


```
##  
## $global_box
```

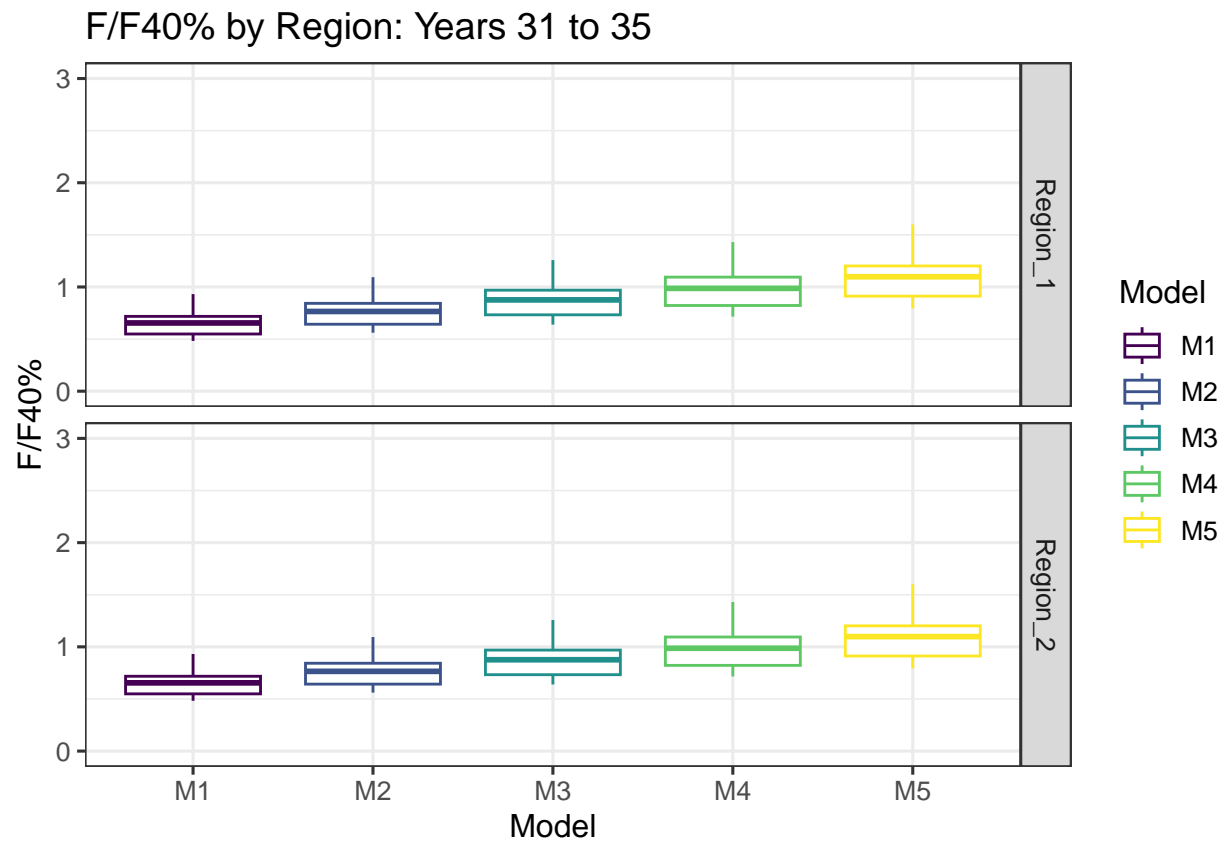


```
##
## $fleet_prob
## NULL
##
## $region_prob
## NULL
##
## $global_prob
## NULL
##
## $fleet_box
```

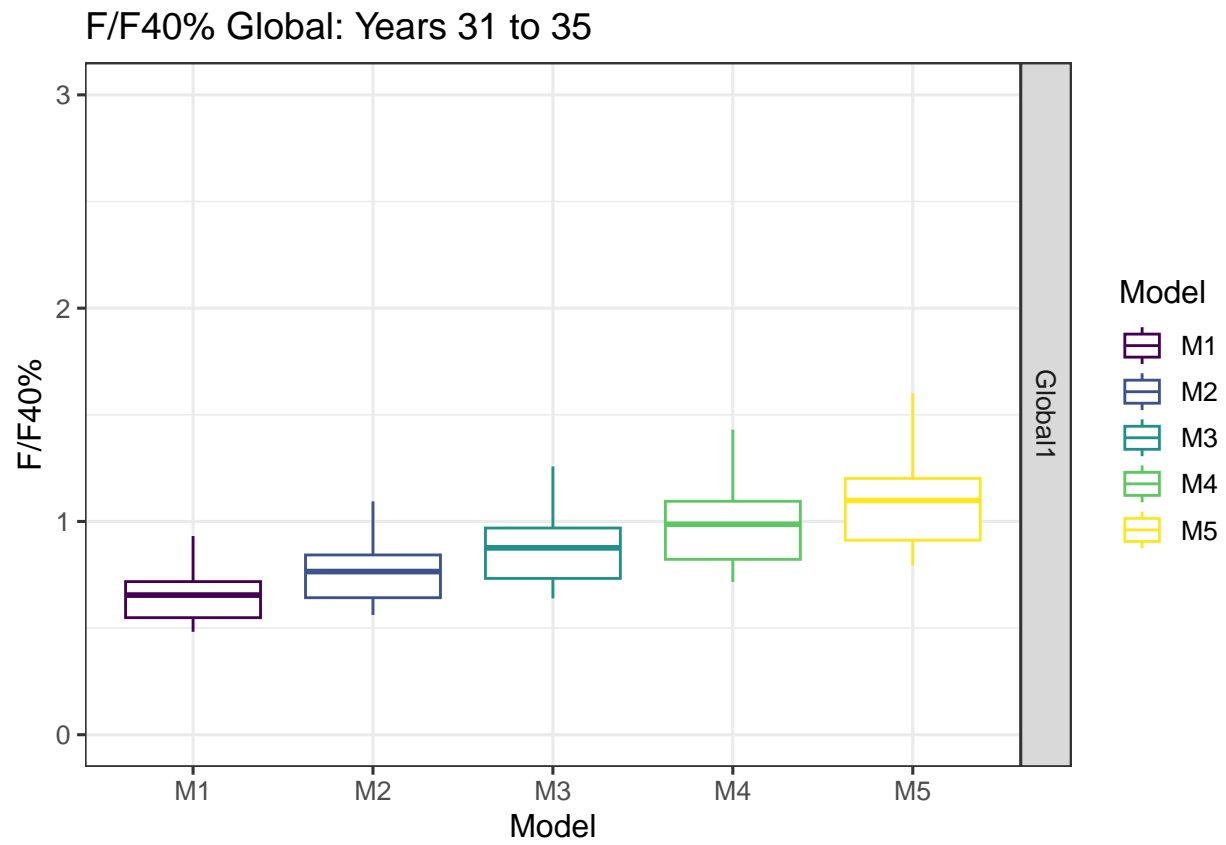




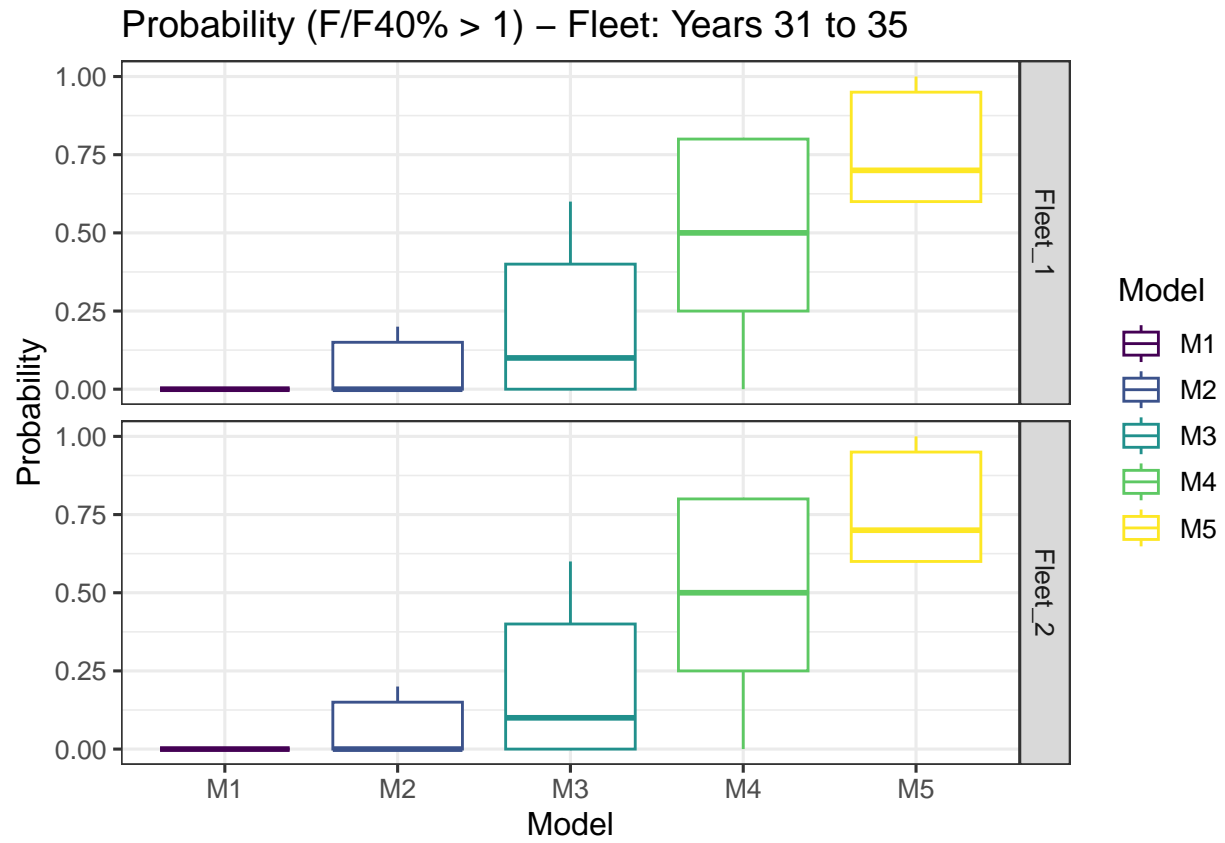
```
##
## $region_box
```



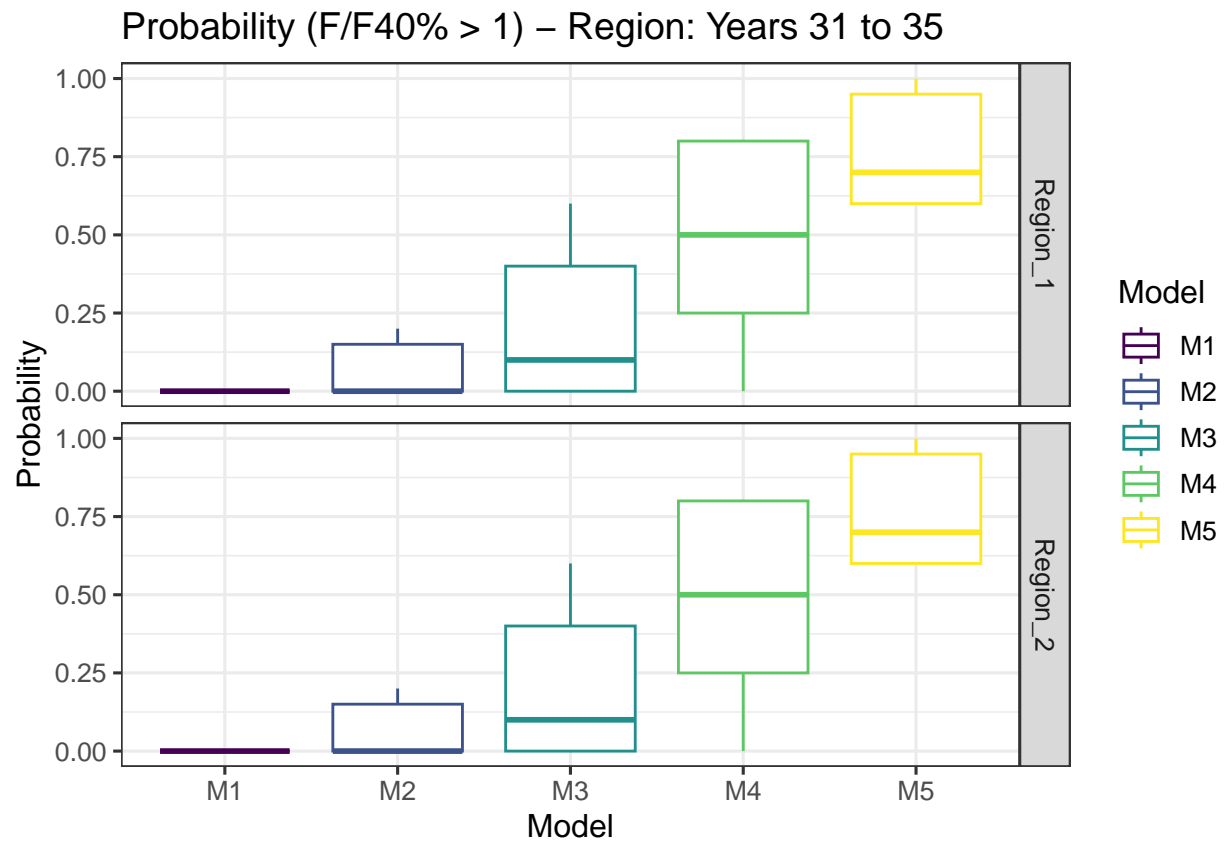
```
##  
## $global_box
```



```
##  
## $fleet_prob
```

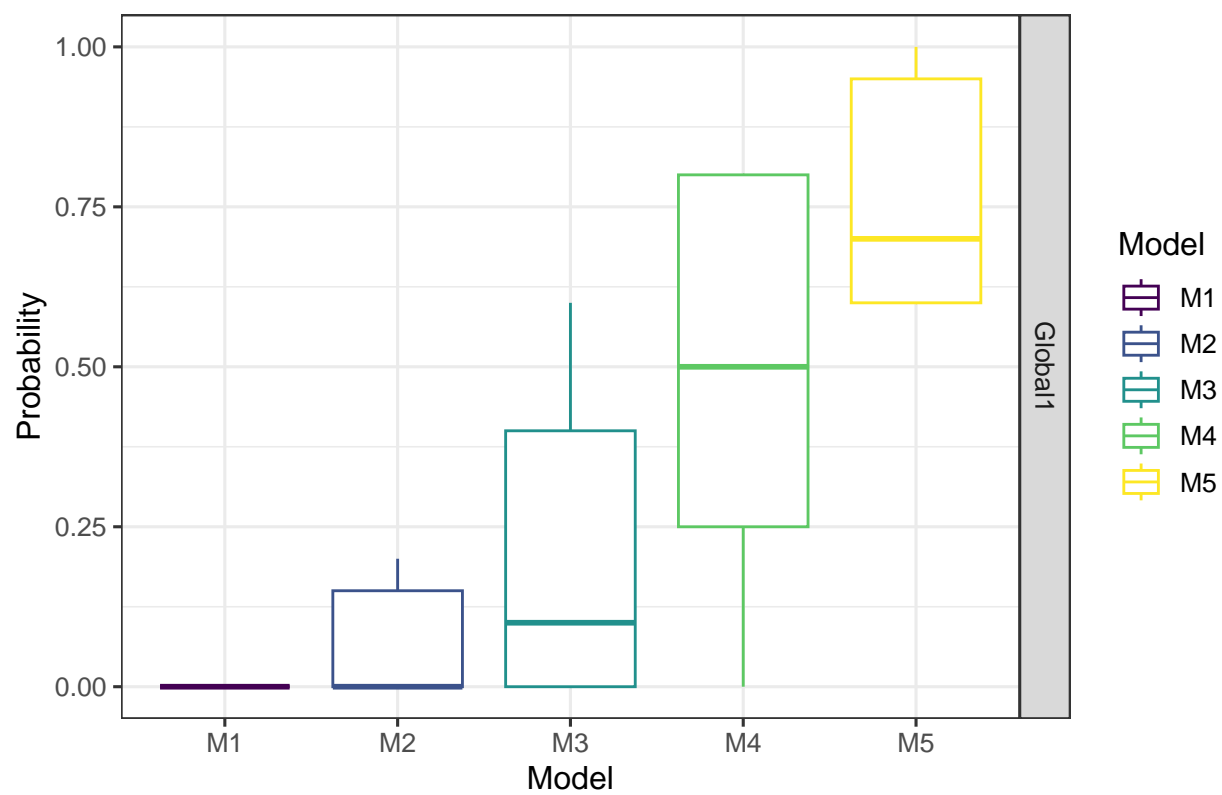


```
##
## $region_prob
```

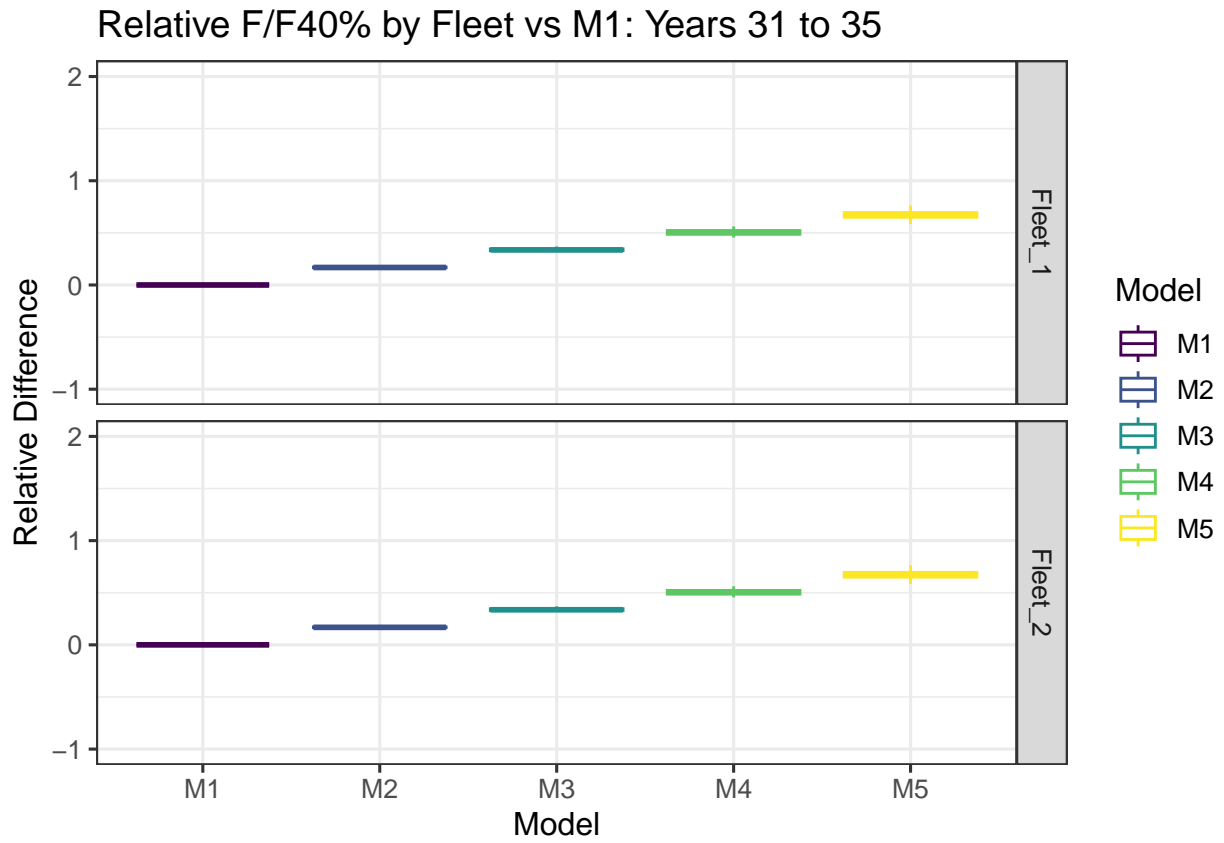


```
##
## $global_prob
```

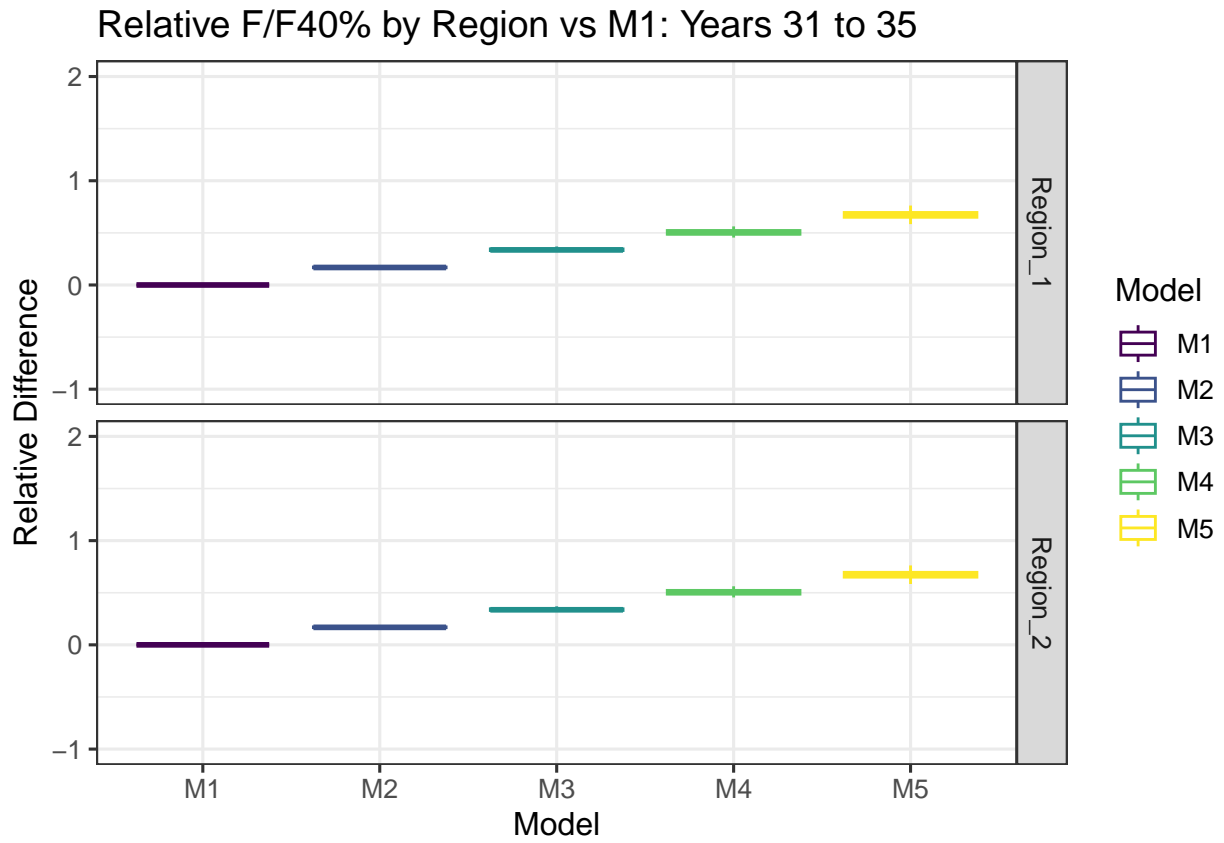
Probability (F/F40% > 1) – Global: Years 31 to 35



## \$fleet\_box

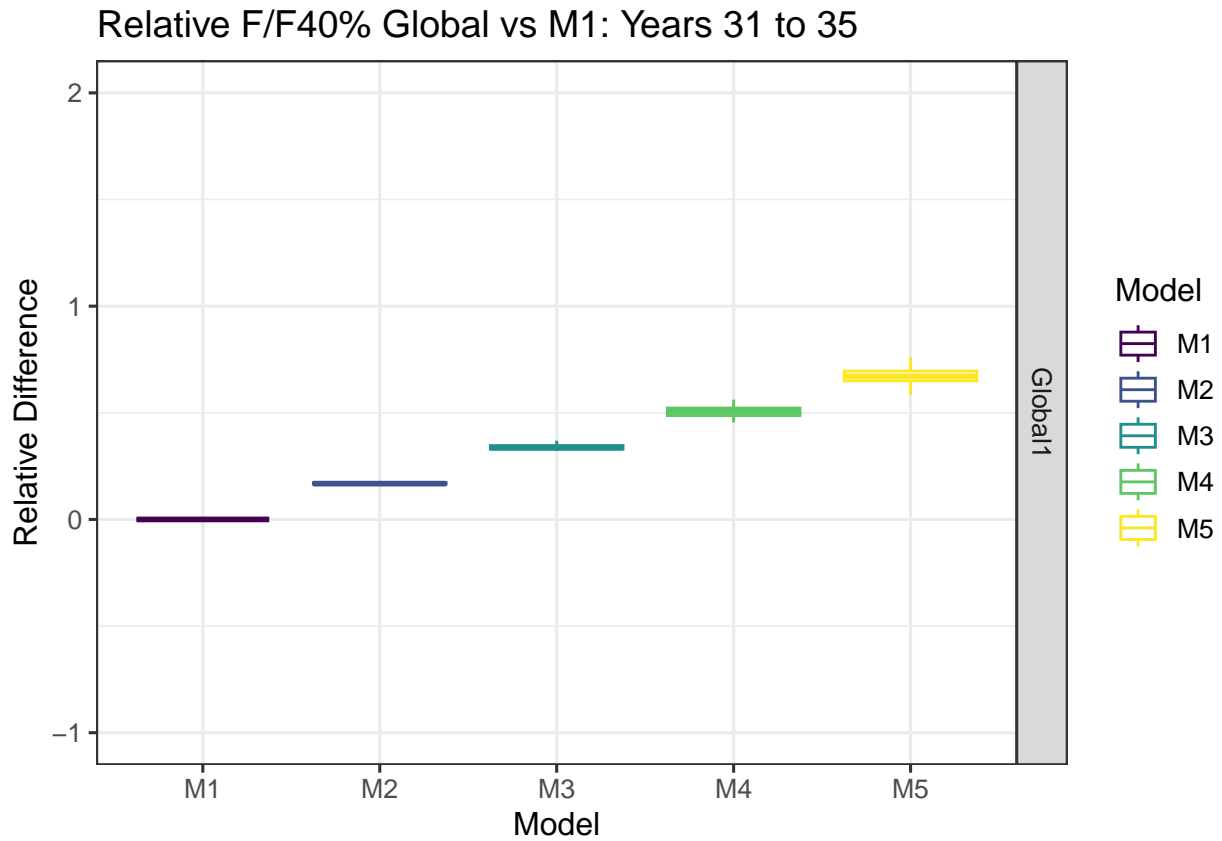


```
##  
## $region_box
```

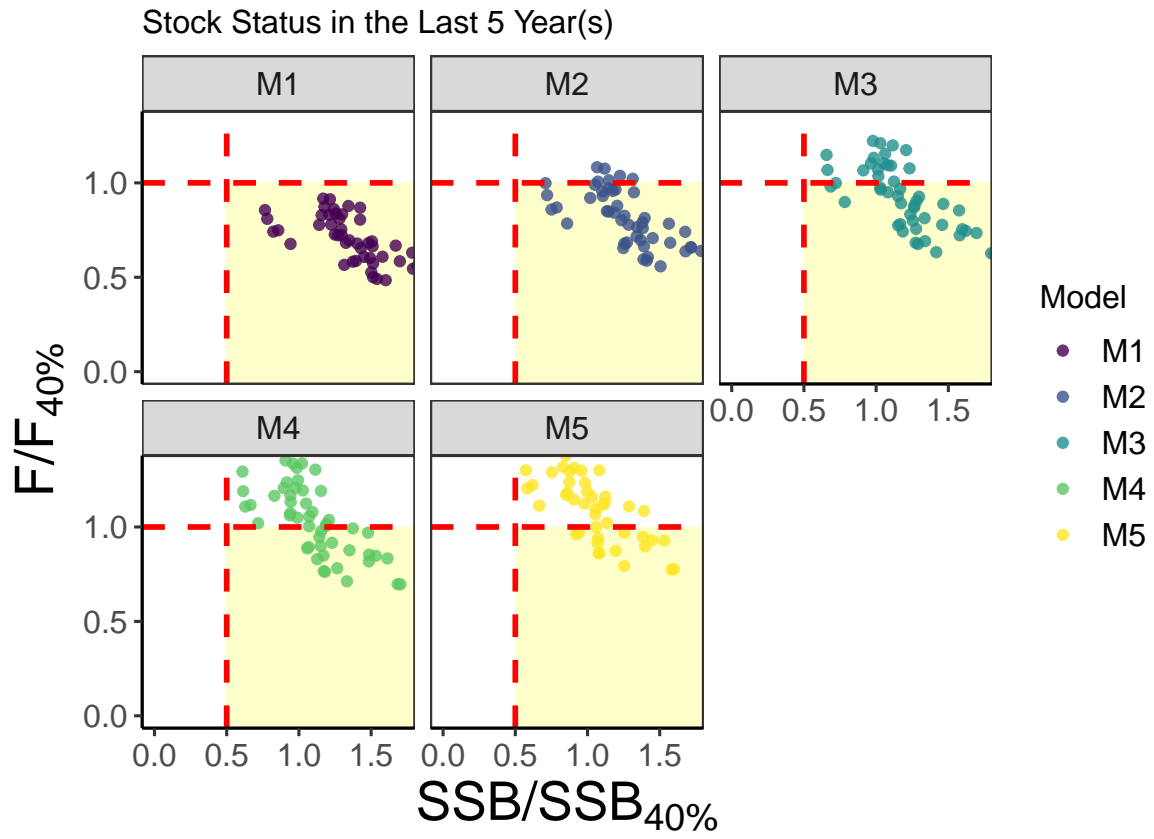


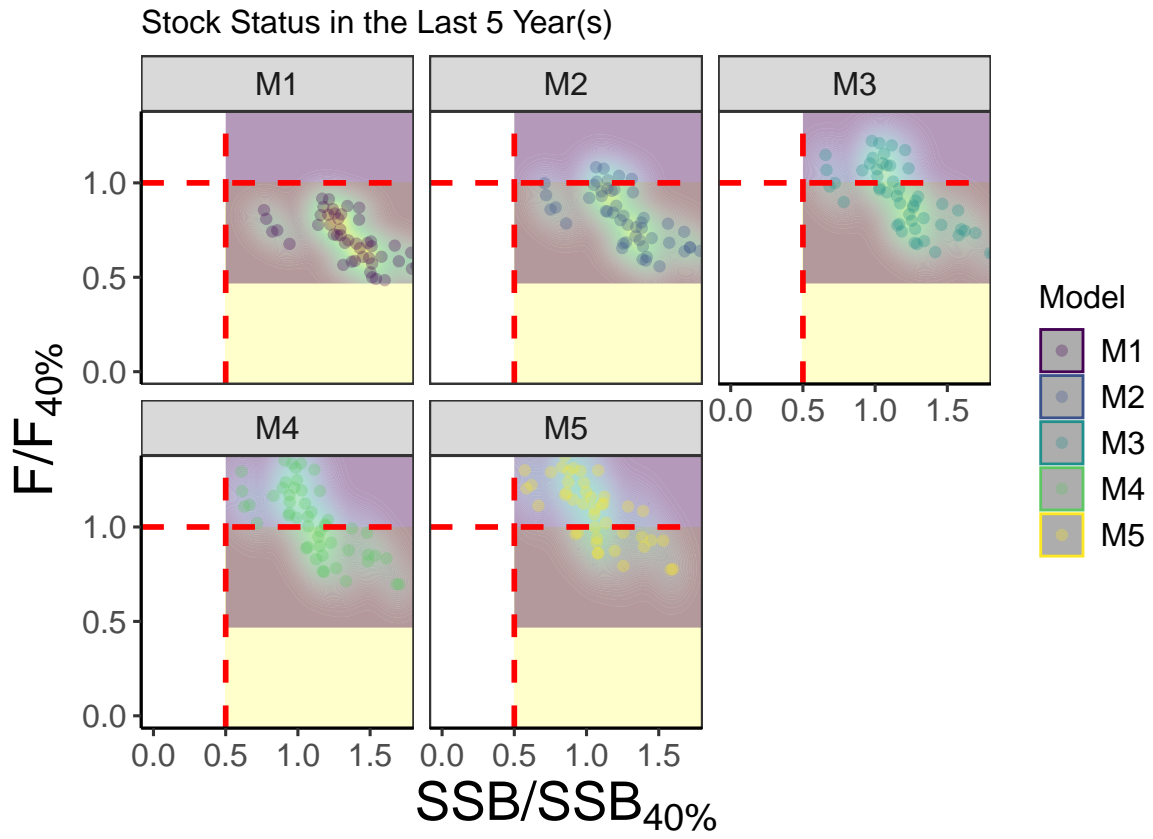
```
##  
## $global_box
```



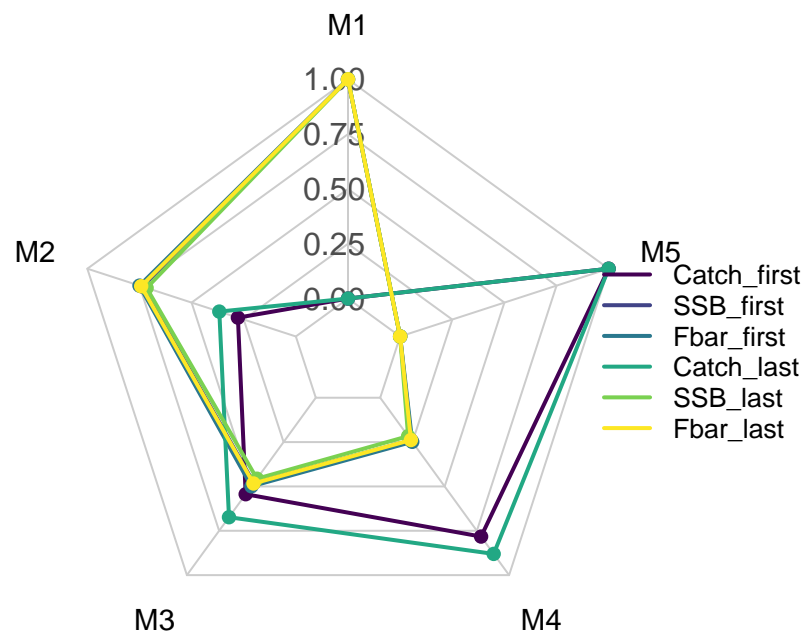


```
##
## $fleet_prob
## NULL
##
## $region_prob
## NULL
##
## $global_prob
## NULL
```

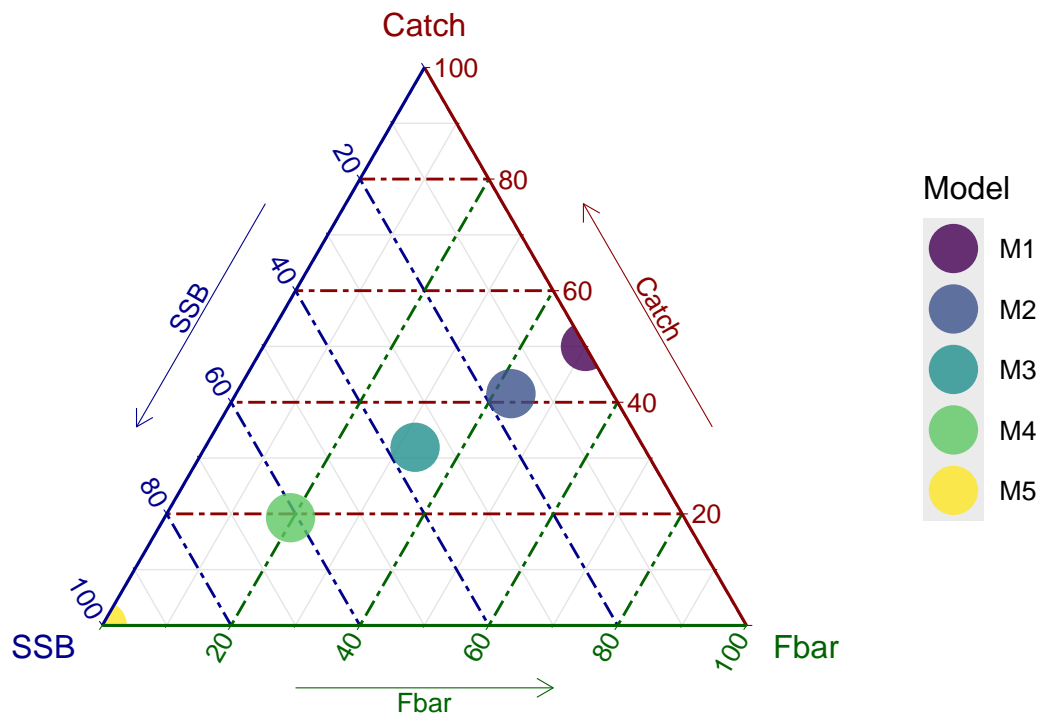




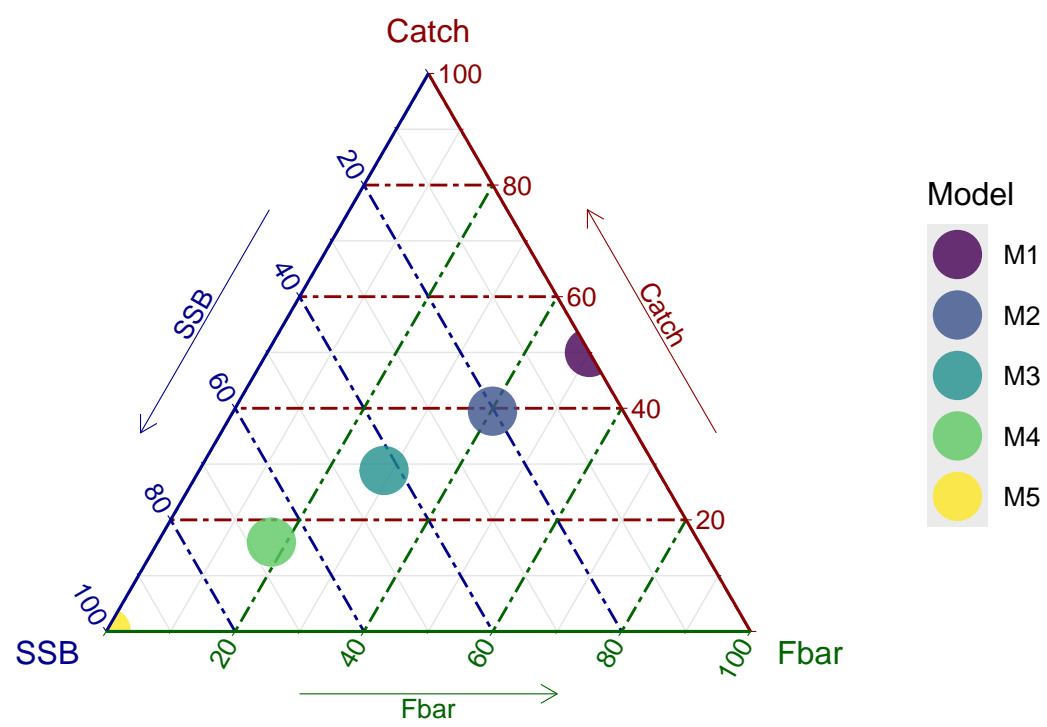
## Model Performance



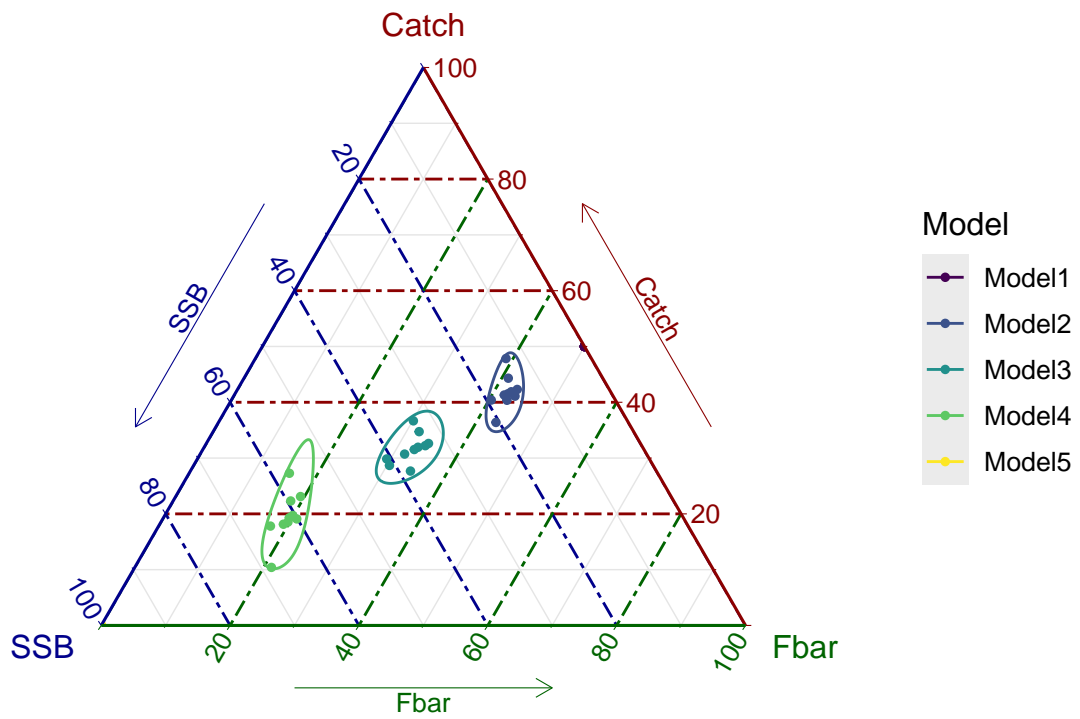
# Short-term Performance (Normalized): Years 31 to 35



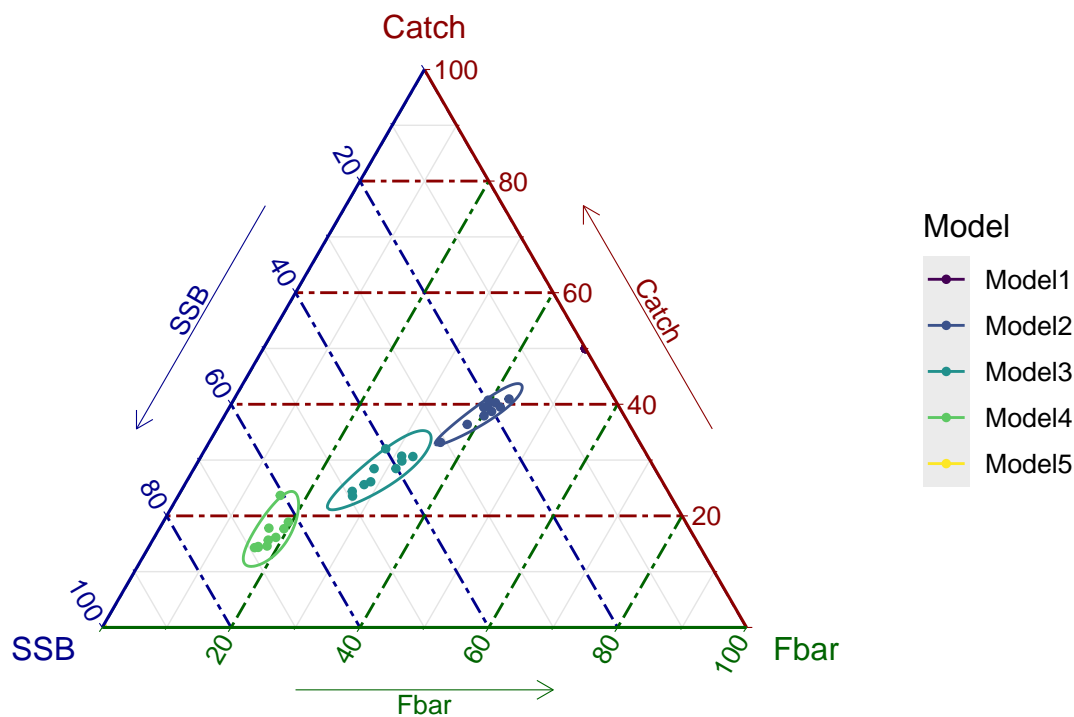
Long-term Performance (Normalized): Last 5 Years



## Short-term Performance: Years 31 to 35

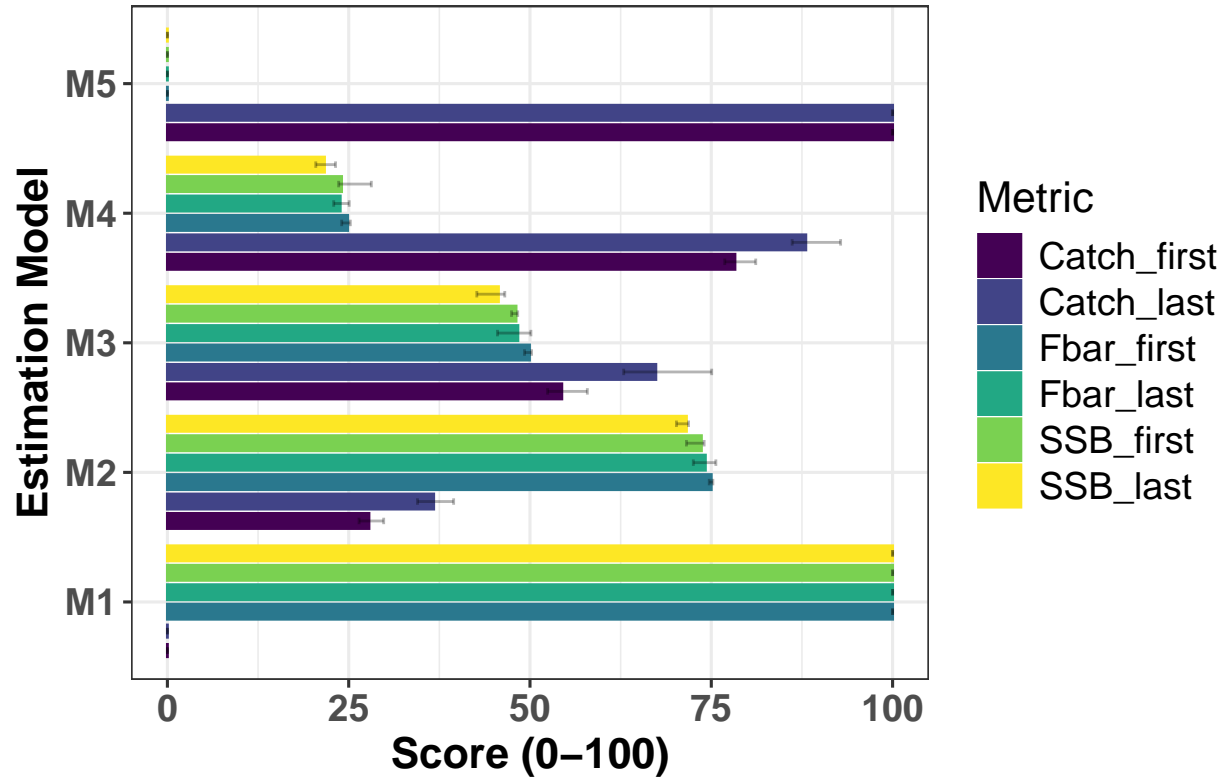


Long-term Performance: Last 5 Years

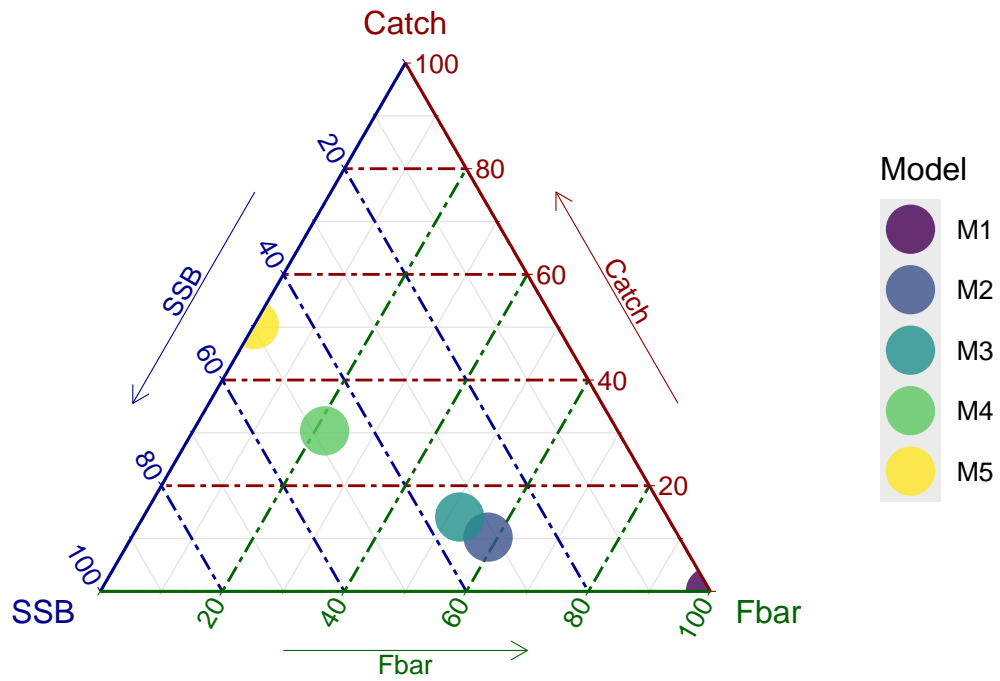




## Model Performance: Last 5 Years



# Average Annual Variation in Catch, SSB, and F Higher Score = Lower Variation



Average Annual Variation in Catch, SSB, and F  
Higher Score = Lower Variation

