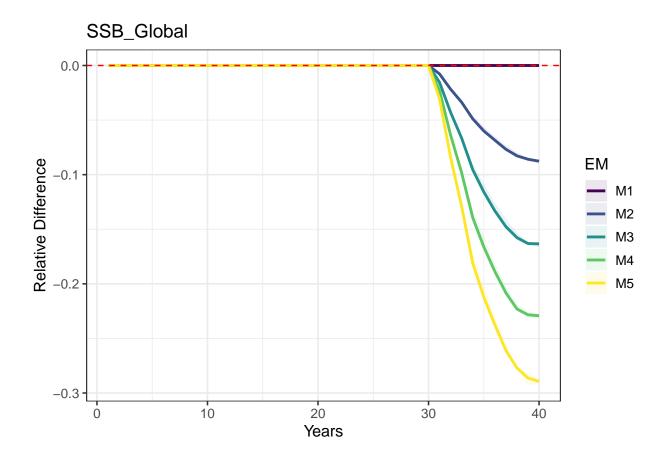
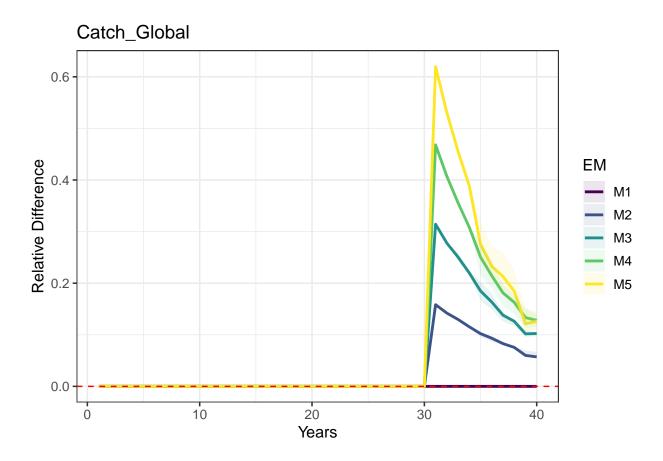
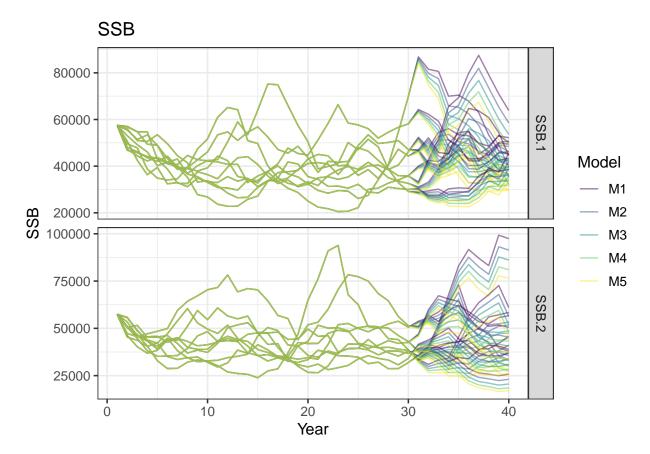
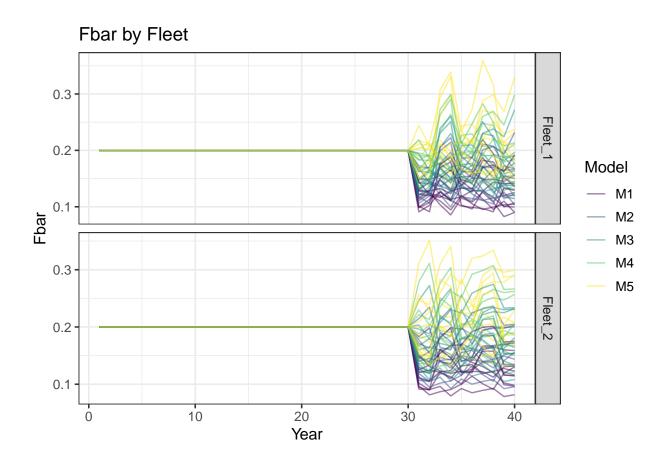
MSE Output Report

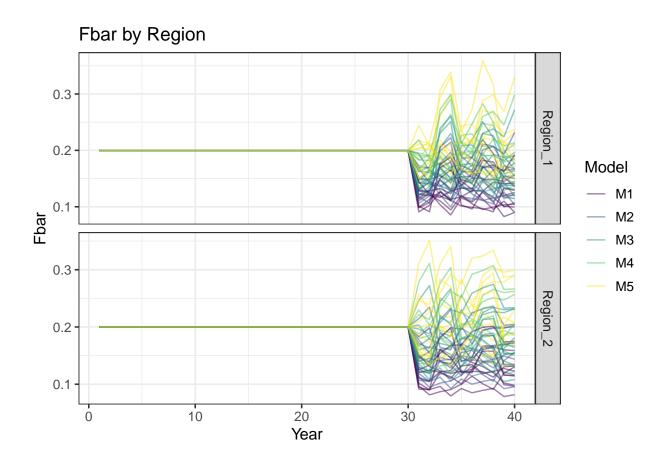




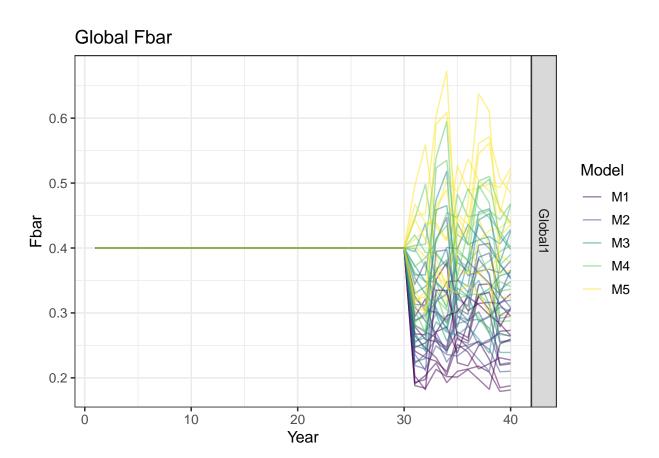


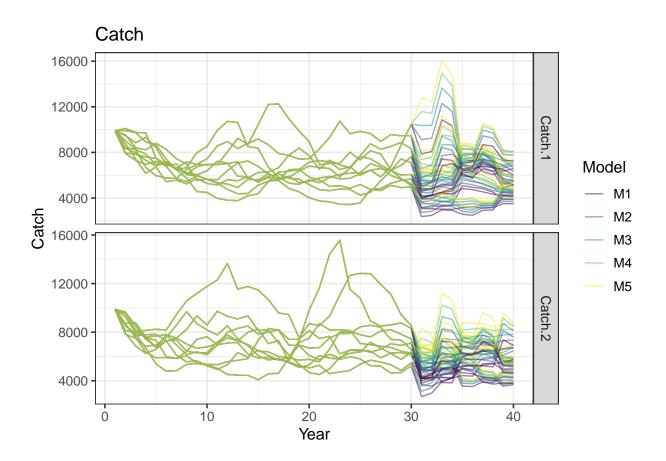


\$region

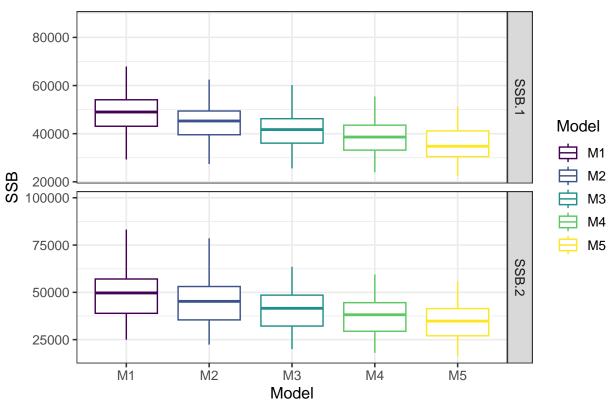


##
\$global

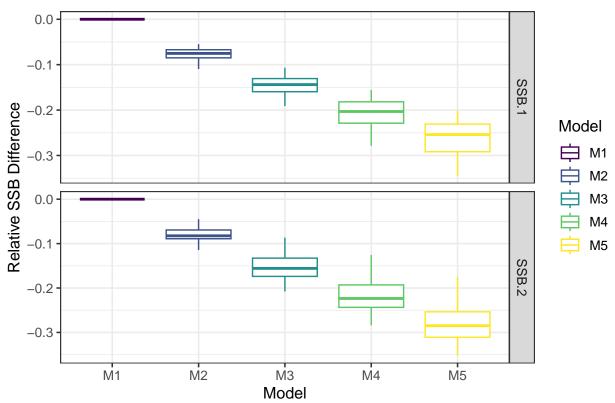




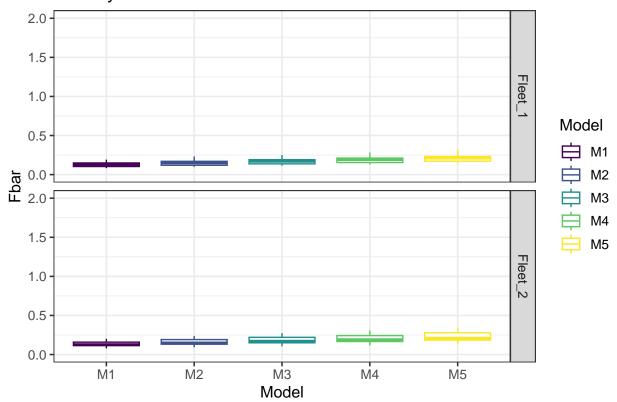




Relative SSB vs M1: Last 5 Years



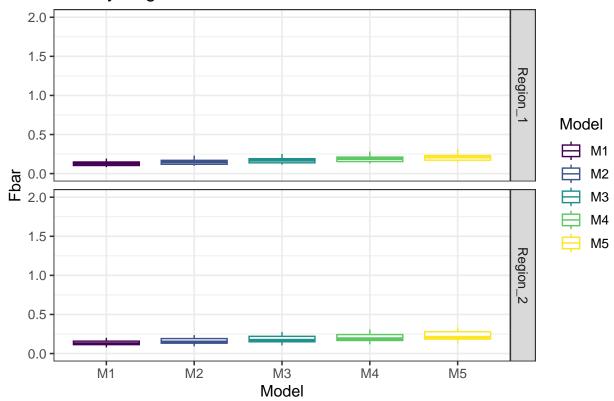
Fbar by Fleet: Last 5 Years



##

\$region

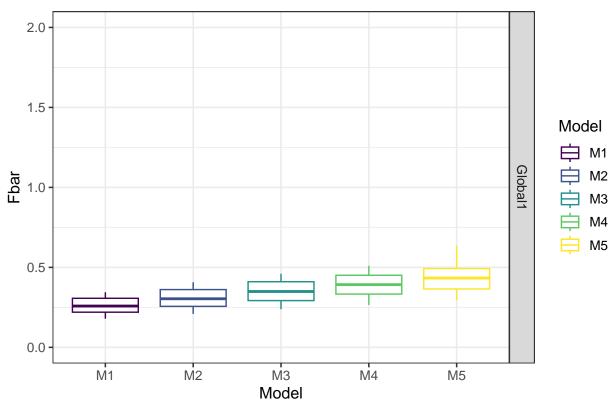
Fbar by Region: Last 5 Years



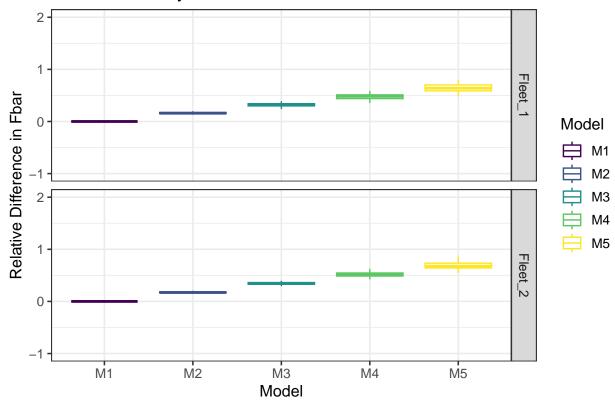
##

\$global

Global Fbar: Last 5 Years

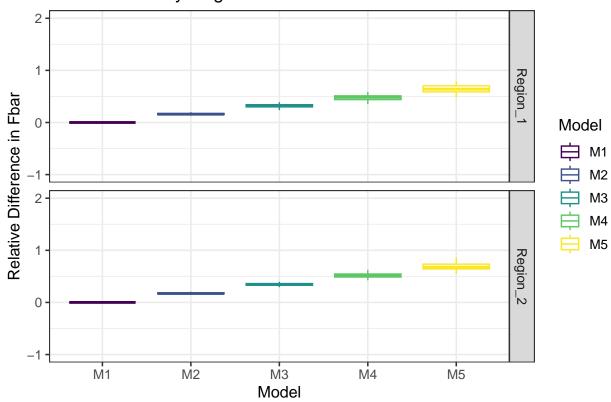


Relative Fbar by Fleet vs M1: Last 5 Years



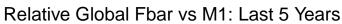
\$region

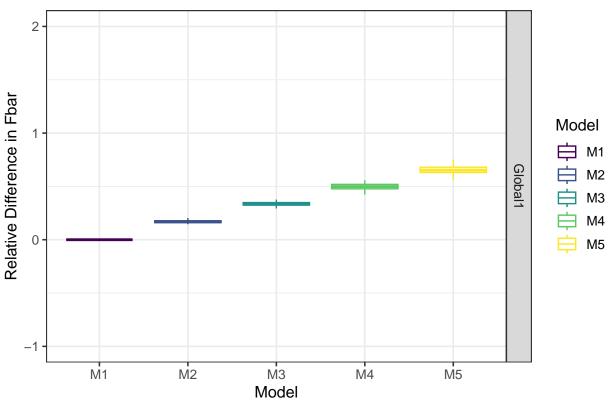
Relative Fbar by Region vs M1: Last 5 Years

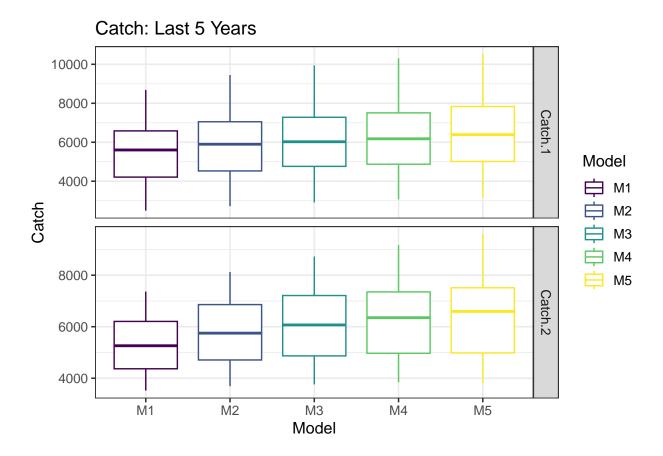


##

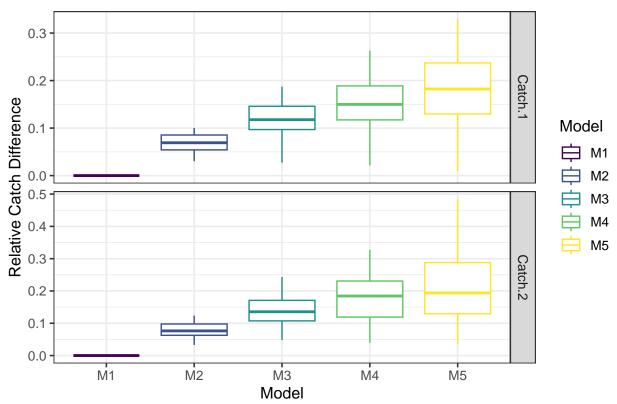
\$global

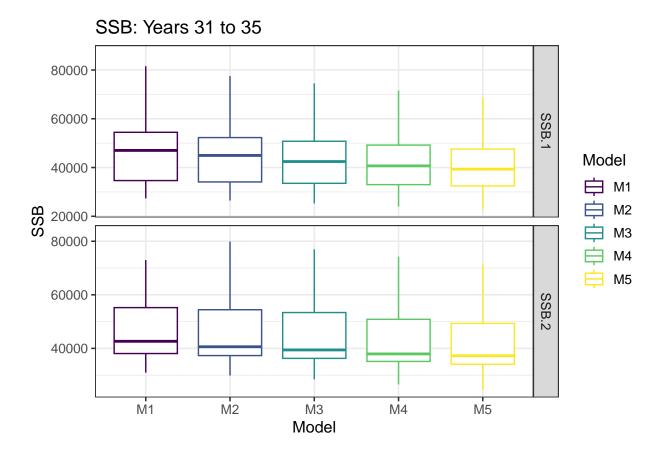




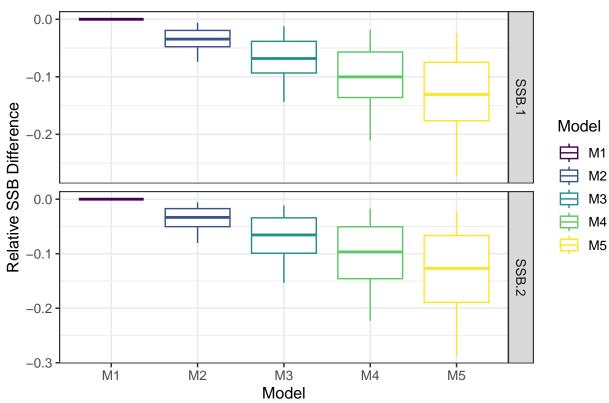


Relative Catch vs M1: Last 5 Years

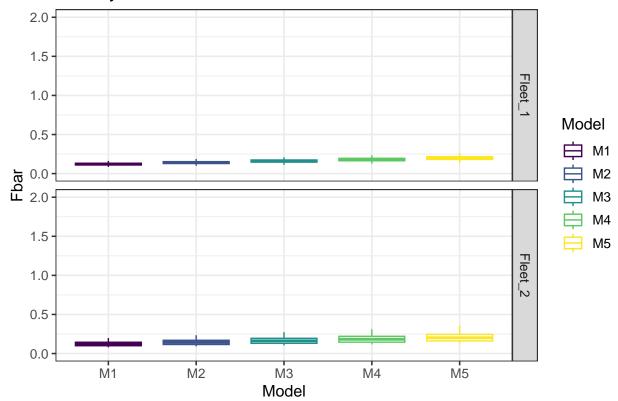




Relative SSB vs M1: Years 31 to 35



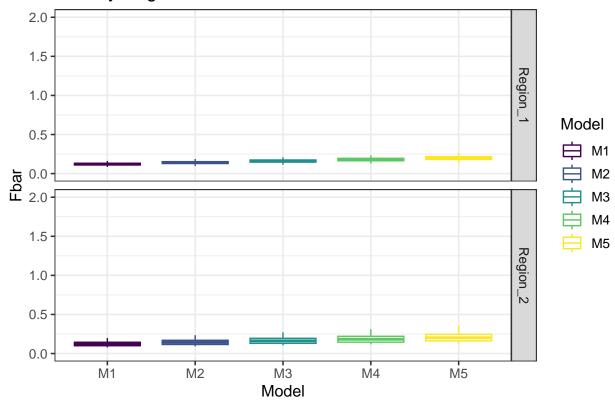
Fbar by Fleet: Years 31 to 35



##

\$region

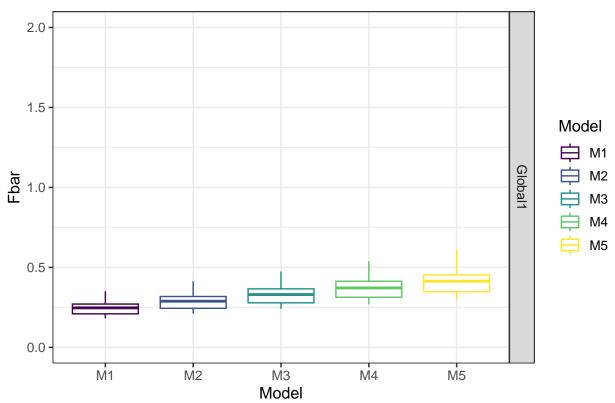
Fbar by Region: Years 31 to 35



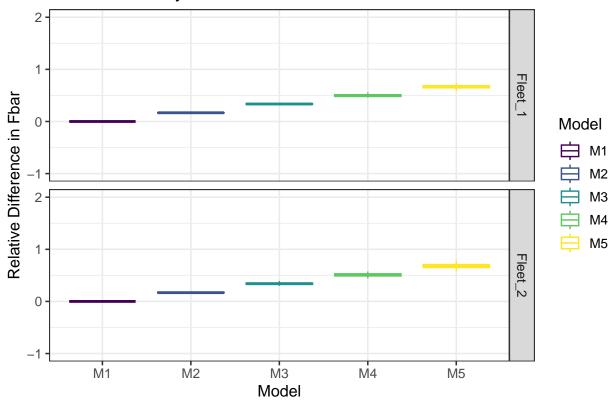
##

\$global

Global Fbar: Years 31 to 35

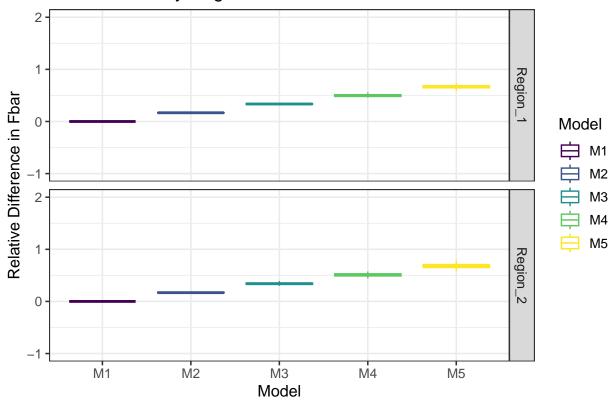


Relative Fbar by Fleet vs M1: Years 31 to 35

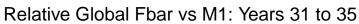


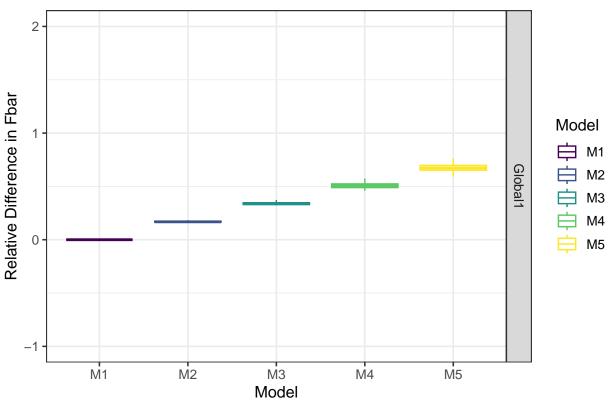
\$region

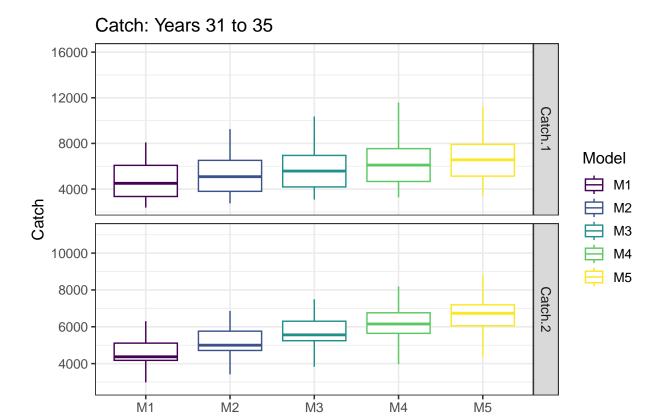
Relative Fbar by Region vs M1: Years 31 to 35



\$global

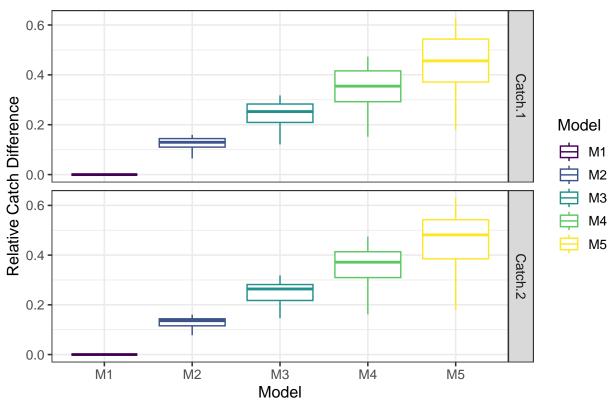




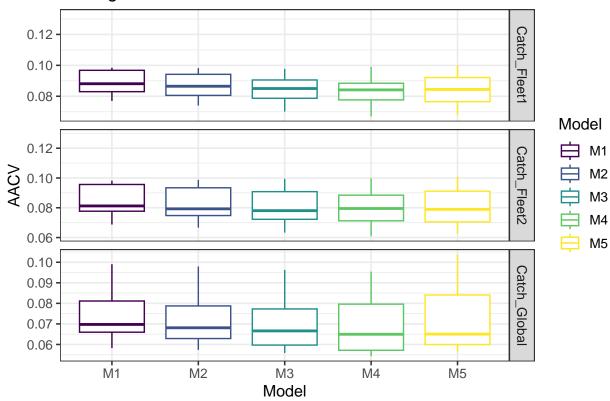


Model

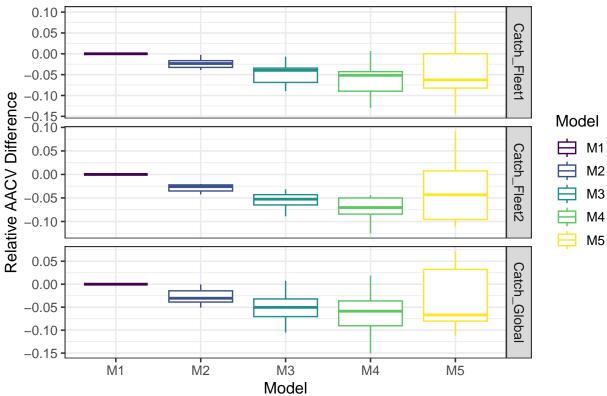
Relative Catch vs M1: Years 31 to 35

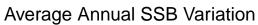


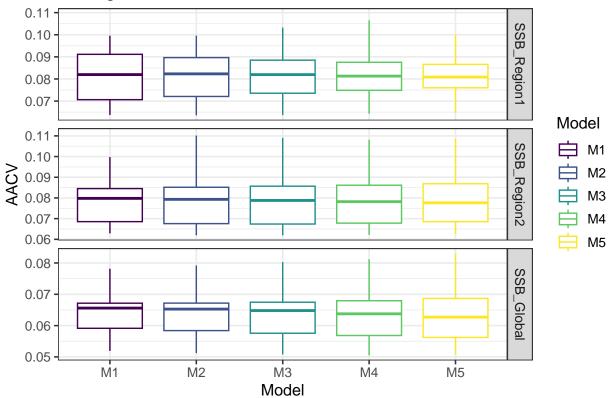




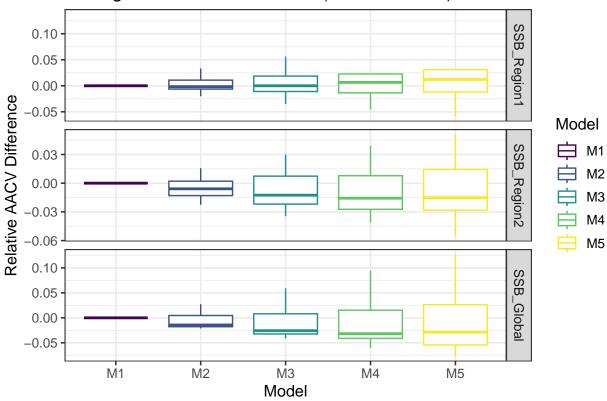




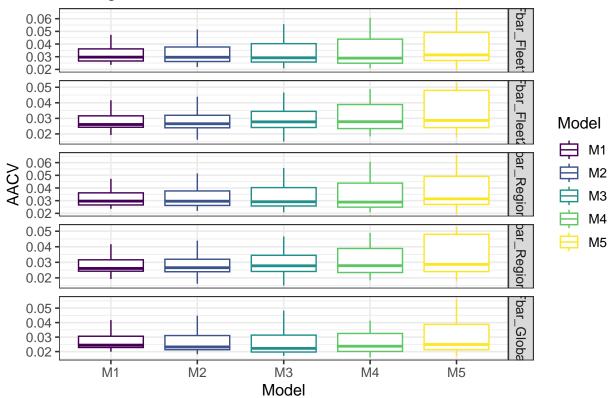




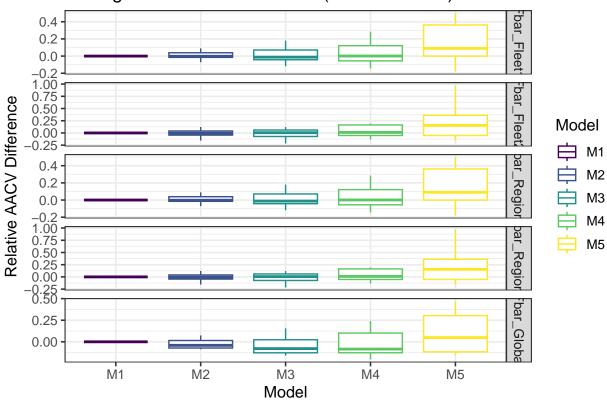




Average Annual Fbar Variation

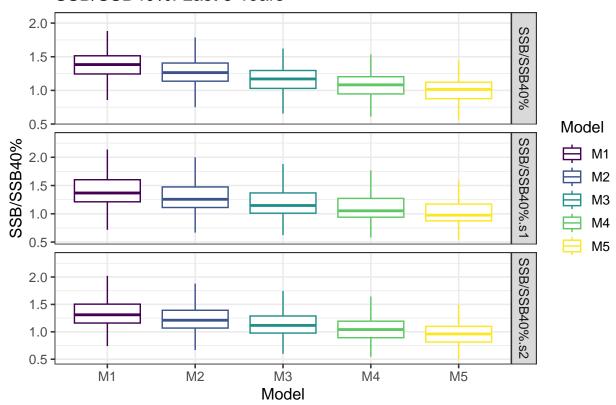


Average Annual Fbar Variation (Relative to M1)



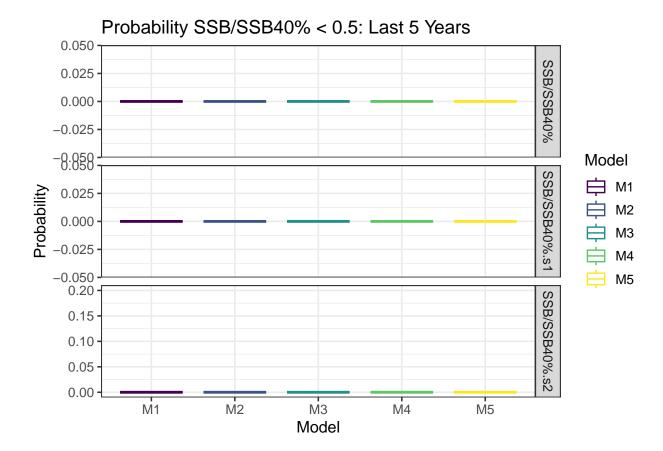
\$boxplot

SSB/SSB40%: Last 5 Years



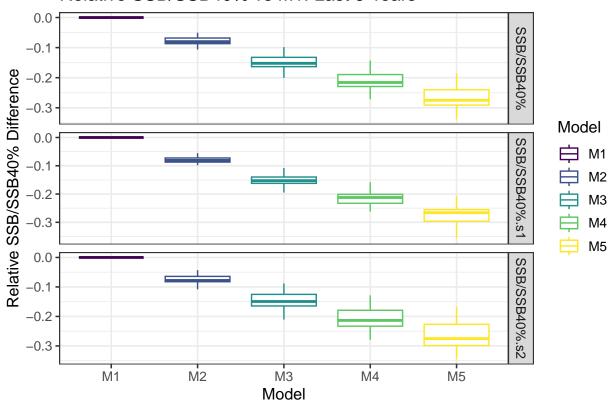
##

\$probplot



\$boxplot

Relative SSB/SSB40% vs M1: Last 5 Years



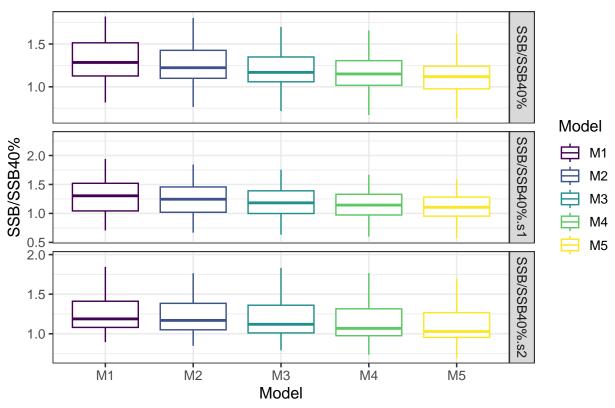
##

\$probplot

NULL

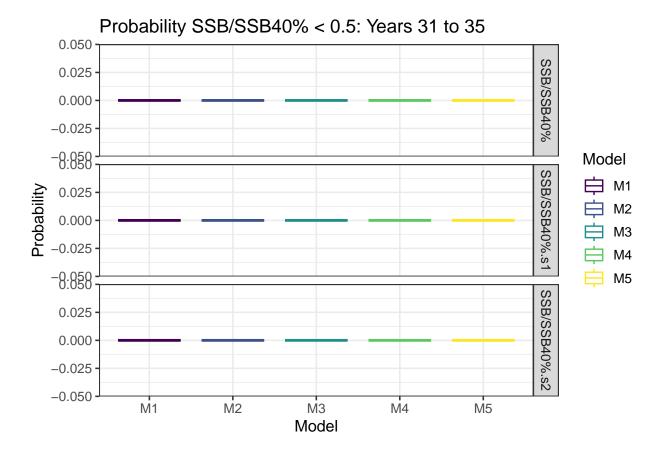
\$boxplot

SSB/SSB40%: Years 31 to 35



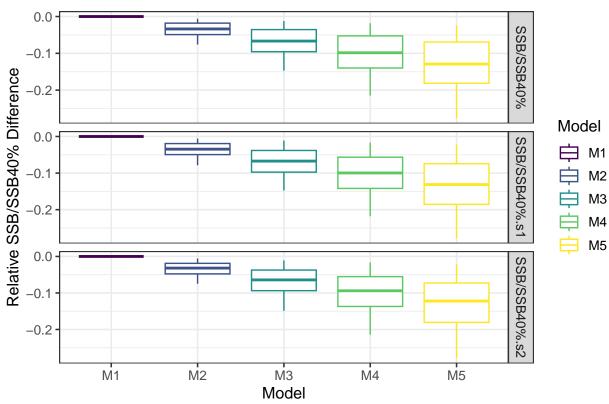
##

\$probplot



\$boxplot

Relative SSB/SSB40% vs M1: Years 31 to 35



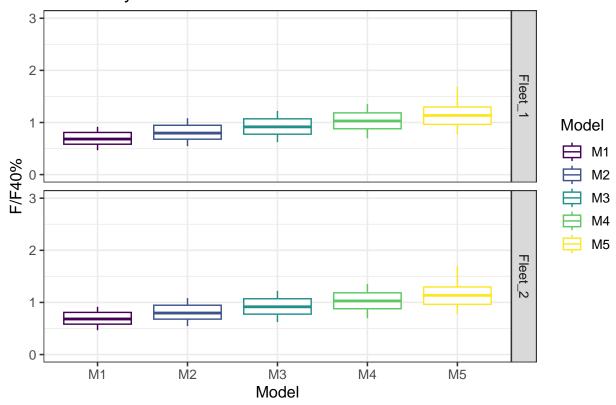
##

\$probplot

NULL

\$fleet_box

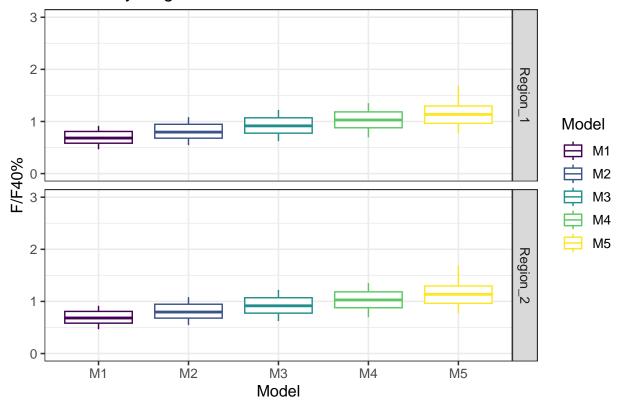
F/F40% by Fleet: Last 5 Years



##

\$region_box

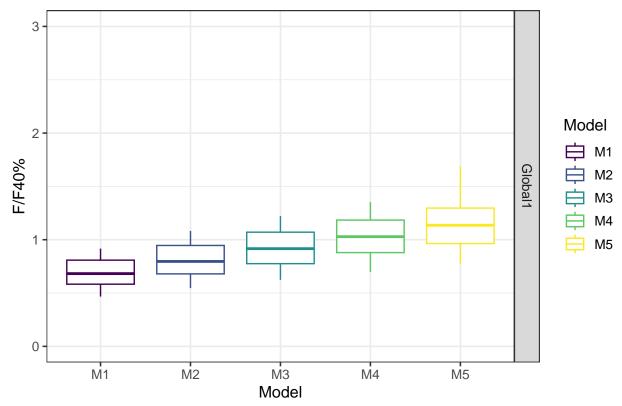




##

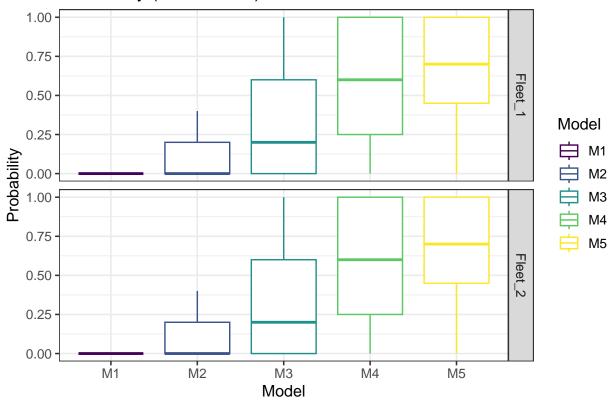
\$global_box

F/F40% Global: Last 5 Years



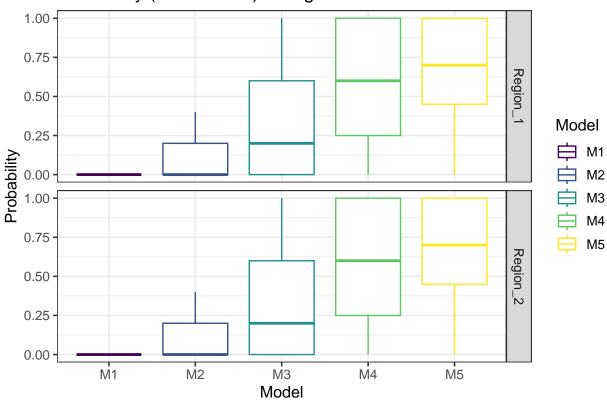
##
\$fleet_prob

Probability (F/F40% > 1) - Fleet: Last 5 Years

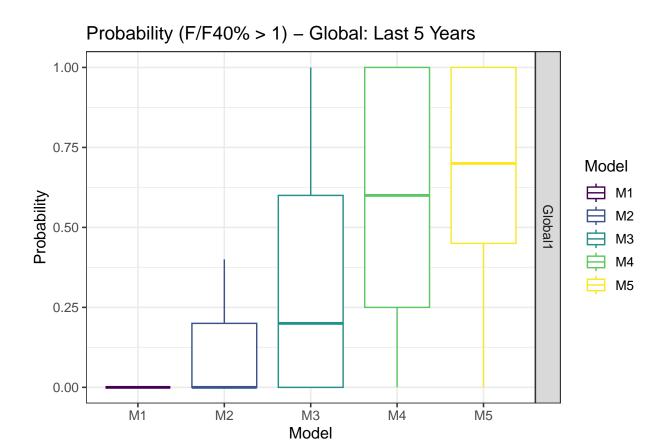


##
\$region_prob

Probability (F/F40% > 1) - Region: Last 5 Years

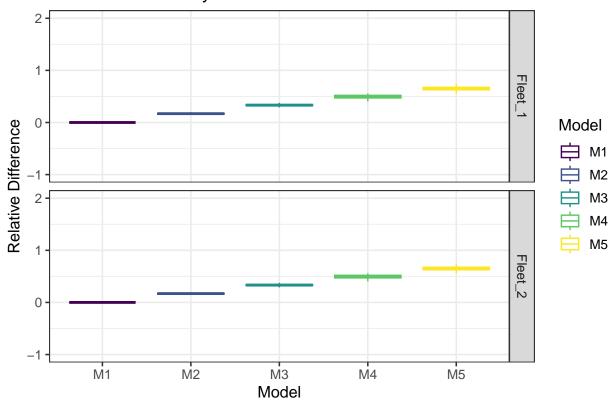


\$global_prob



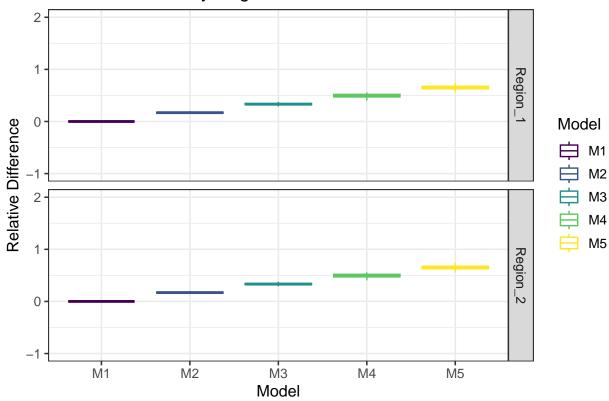
\$fleet_box

Relative F/F40% by Fleet vs M1: Last 5 Years



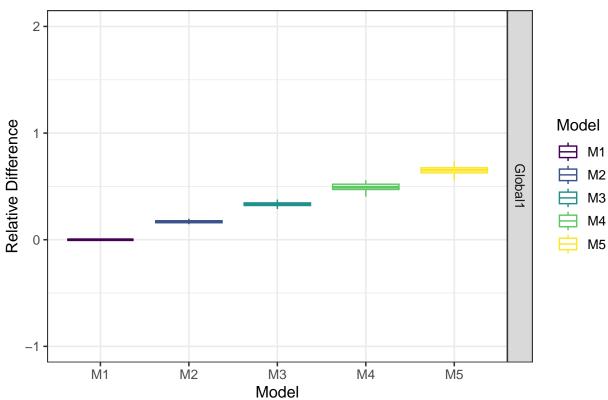
##
\$region_box

Relative F/F40% by Region vs M1: Last 5 Years



\$global_box

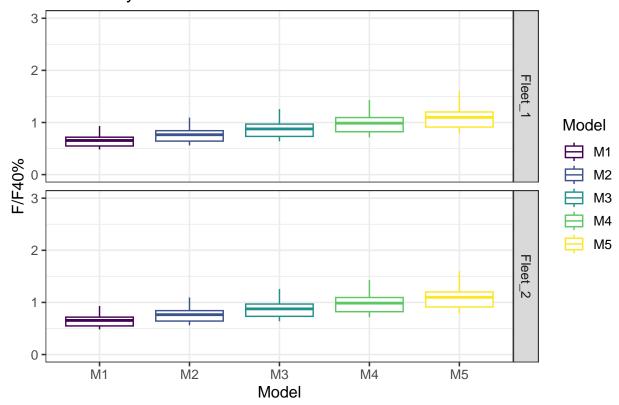




```
## 
## $fleet_prob
## NULL
## 
## $region_prob
## NULL
## 
## $global_prob
## NULL
```

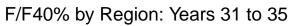
\$fleet_box

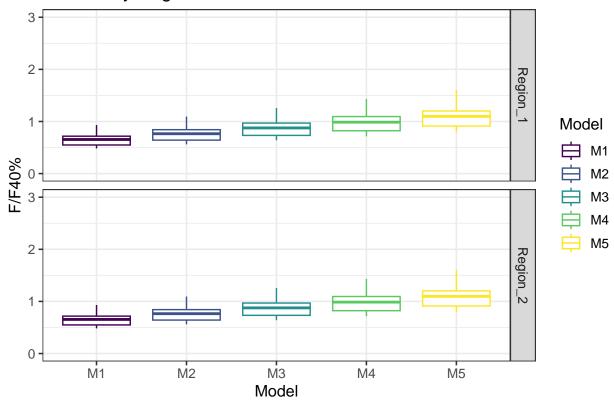
F/F40% by Fleet: Years 31 to 35



##

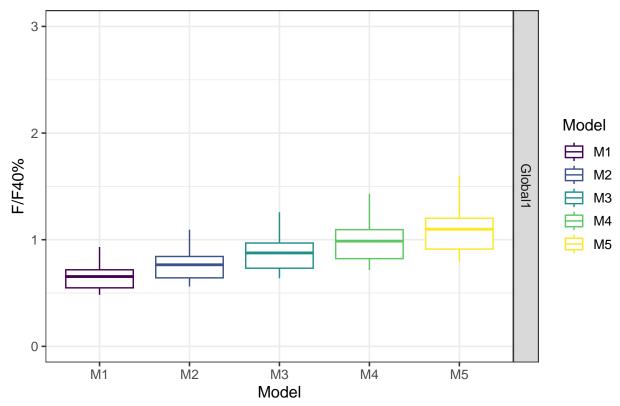
\$region_box





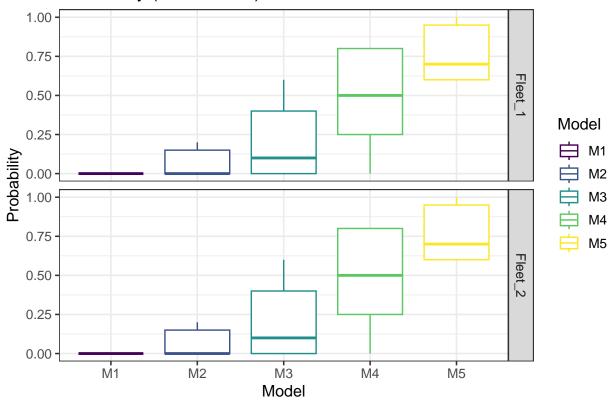
\$global_box

F/F40% Global: Years 31 to 35



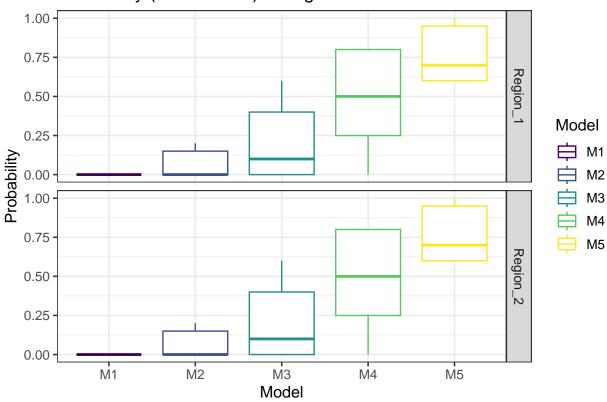
##
\$fleet_prob

Probability (F/F40% > 1) - Fleet: Years 31 to 35

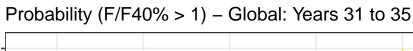


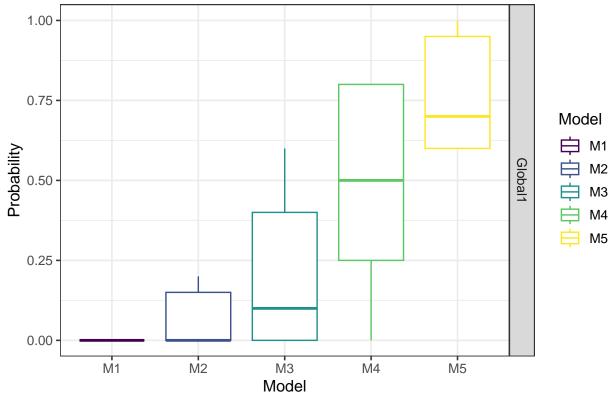
##
\$region_prob

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



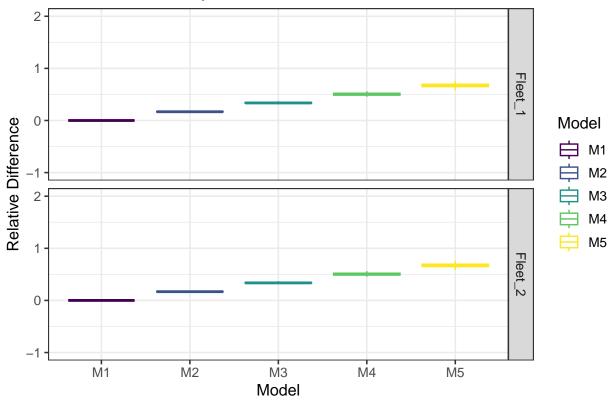
##
\$global_prob



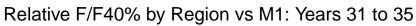


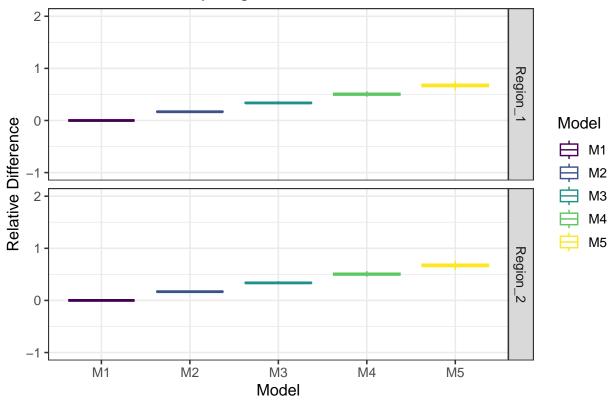
\$fleet_box





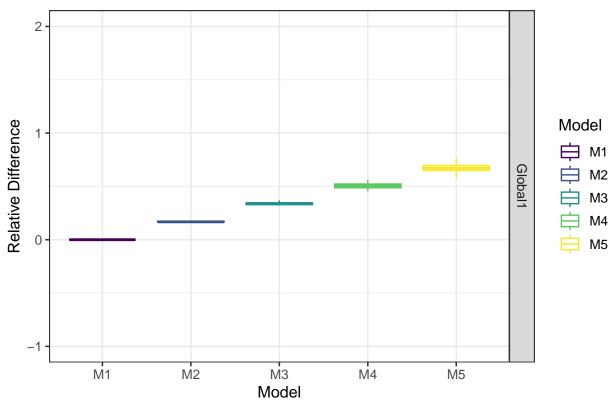
\$region_box





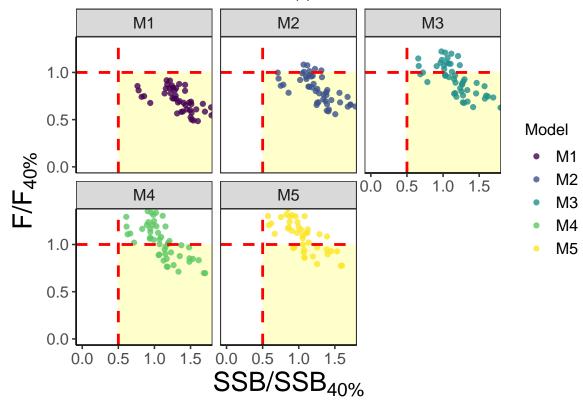
##
\$global_box

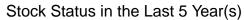


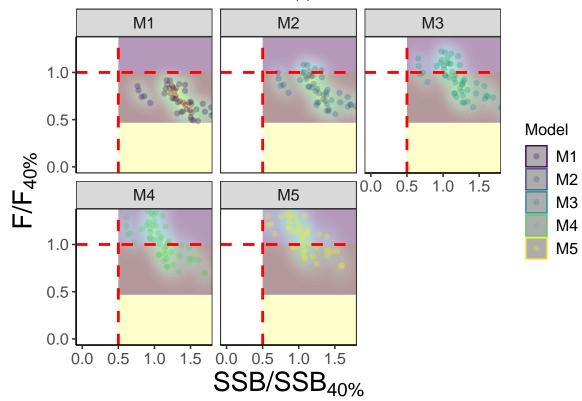


```
##
## $fleet_prob
## NULL
##
## $region_prob
## NULL
##
## $global_prob
## NULL
```

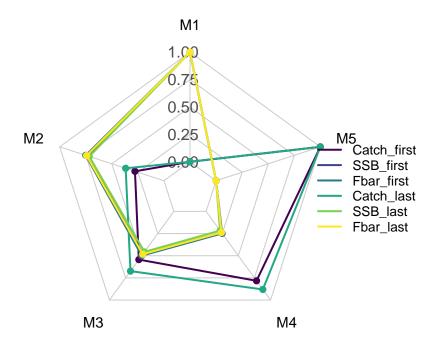
Stock Status in the Last 5 Year(s)



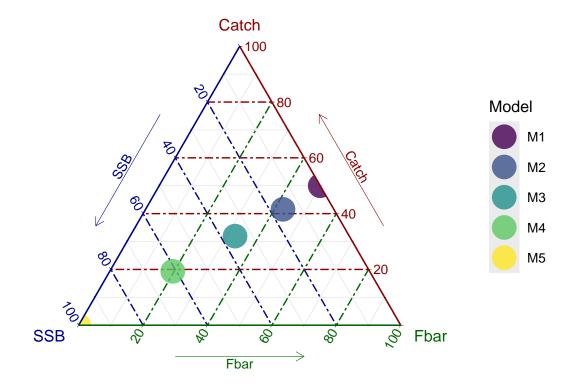




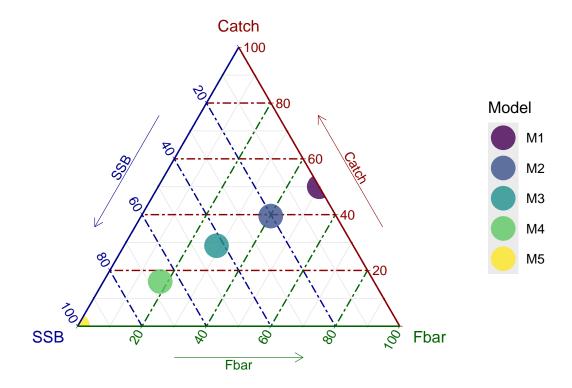
Model Performance



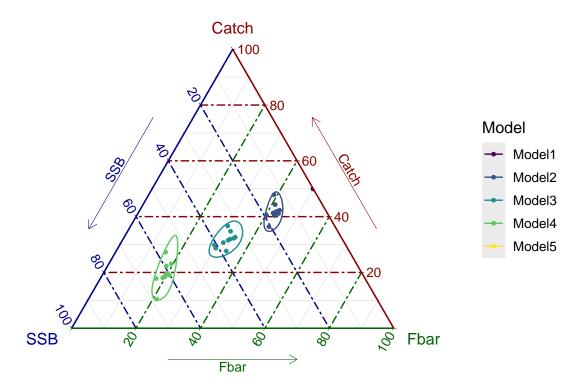
Short-term Performance (Normalized): Years 31 to 35



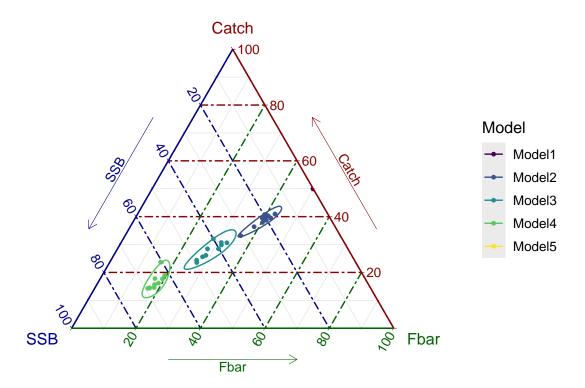
Long-term Performance (Normalized): Last 5 Years



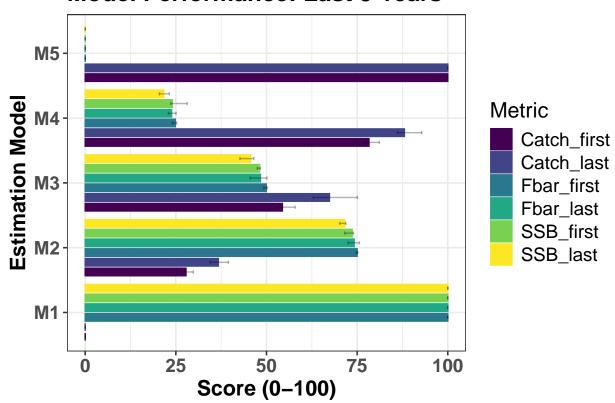
Short-term Performance: Years 31 to 35



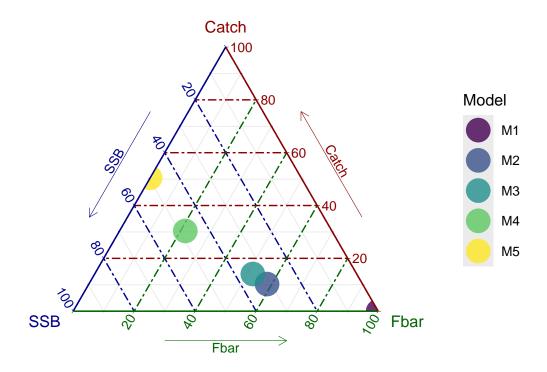
Long-term Performance: Last 5 Years



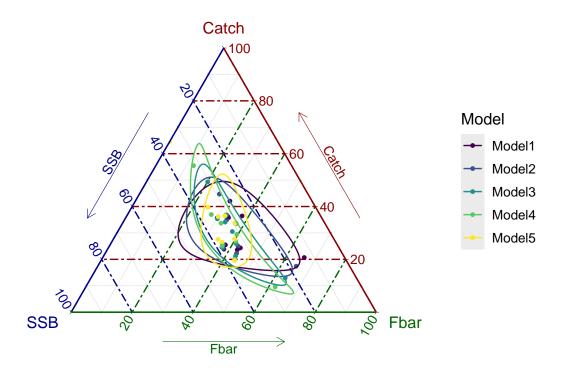
Model Performance: Last 5 Years

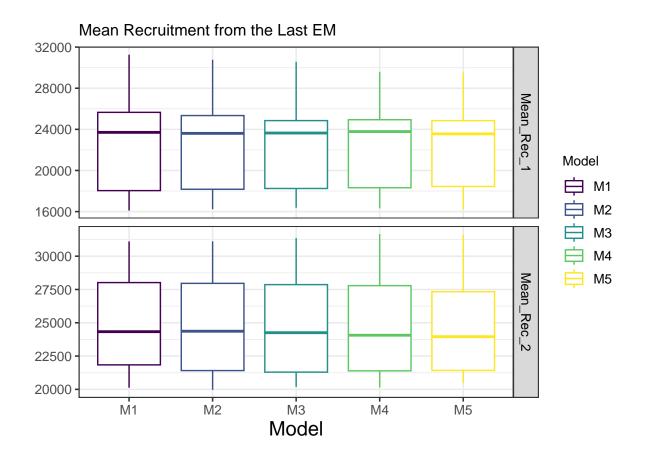


Average Annual Variation in Catch, SSB, and F Higher Score = Lower Variation



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





Variance of NAA from the Last EM

