

Plots created using the 'r4ss' package in R

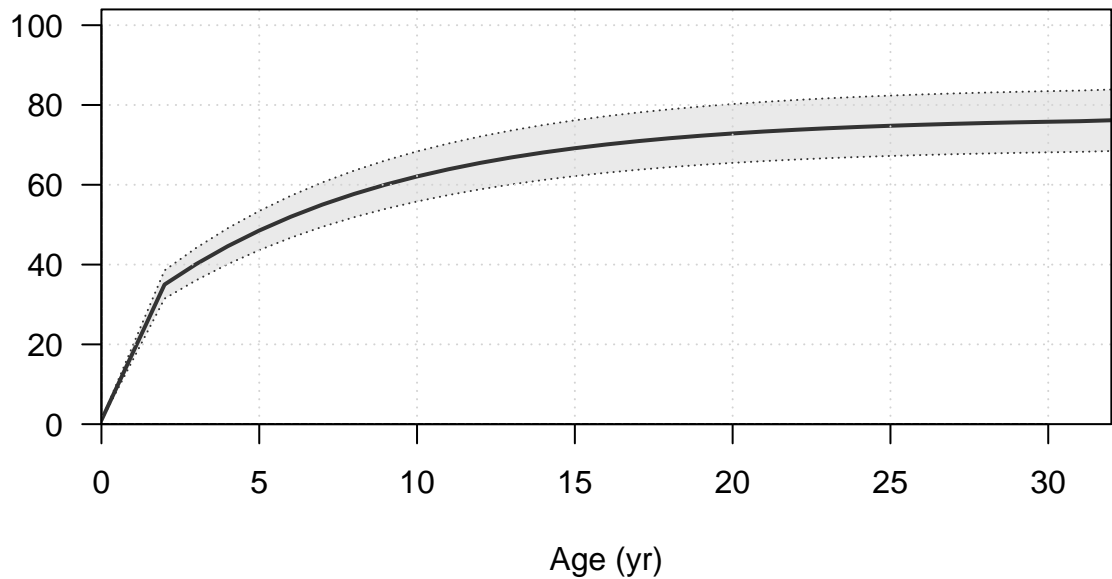
Stock Synthesis version: 3.30.19.0

StartTime: Sun Aug 28 13:11:48 2022

Data\_File: data.ss

Control\_File: control.ss

Length (cm, beginning of the year)



























Fecundity



Fecundity



Spawning output

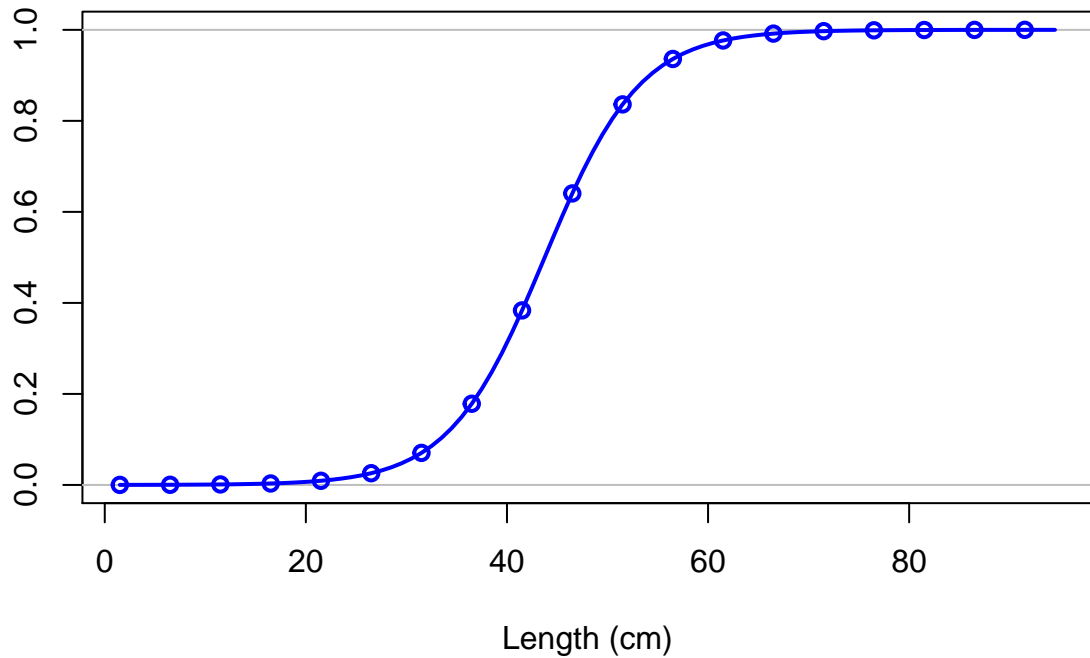




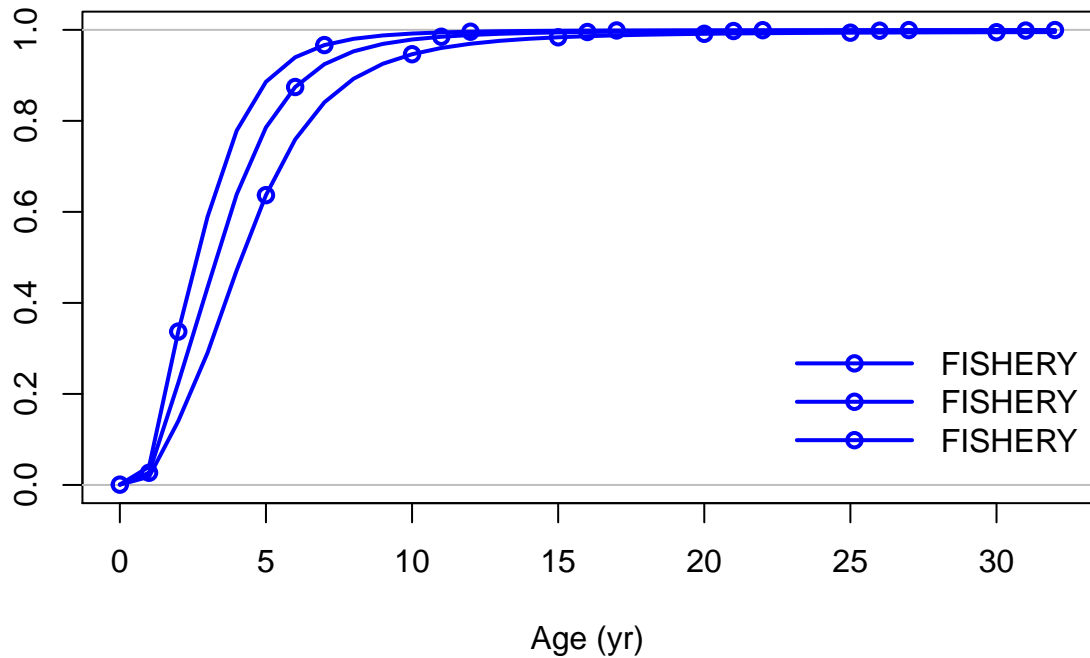
Spawning output



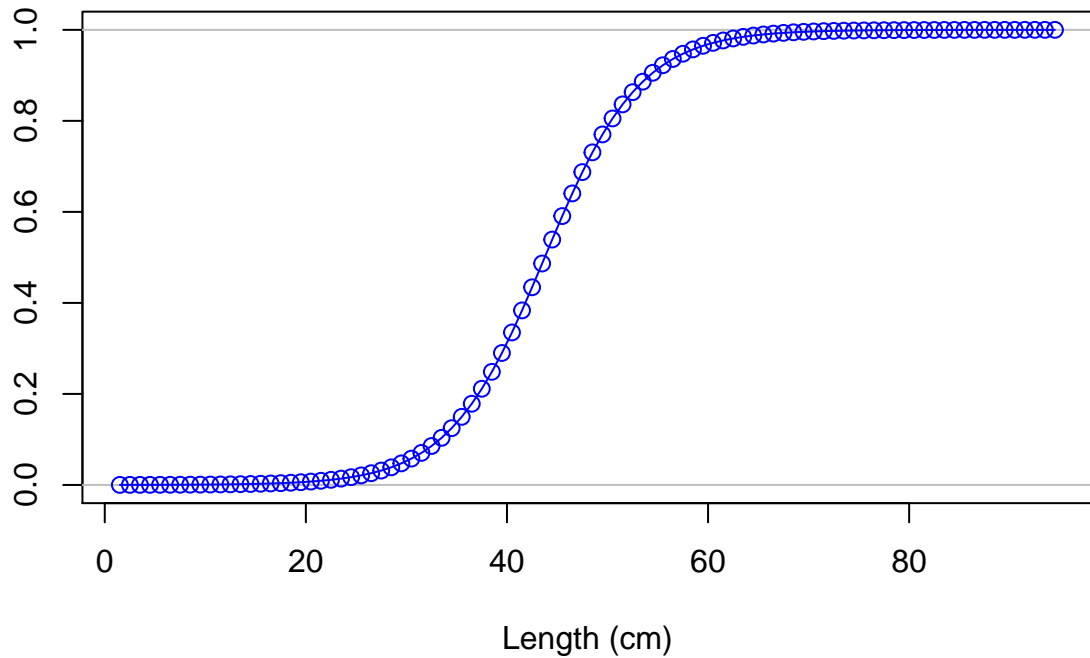
Selectivity

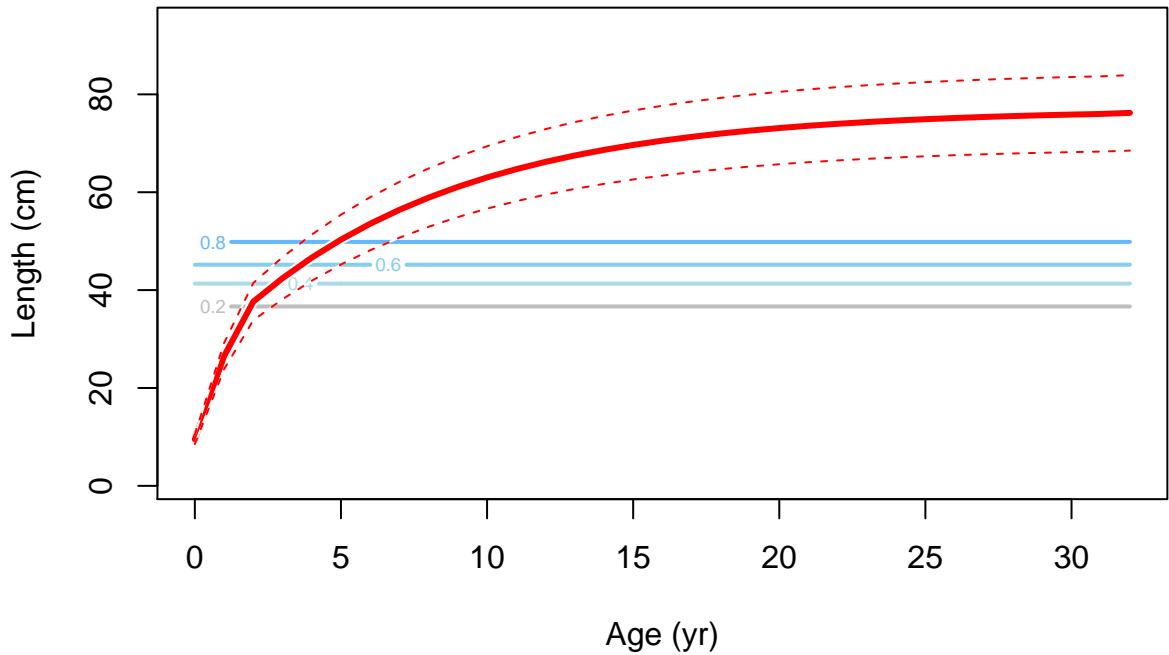


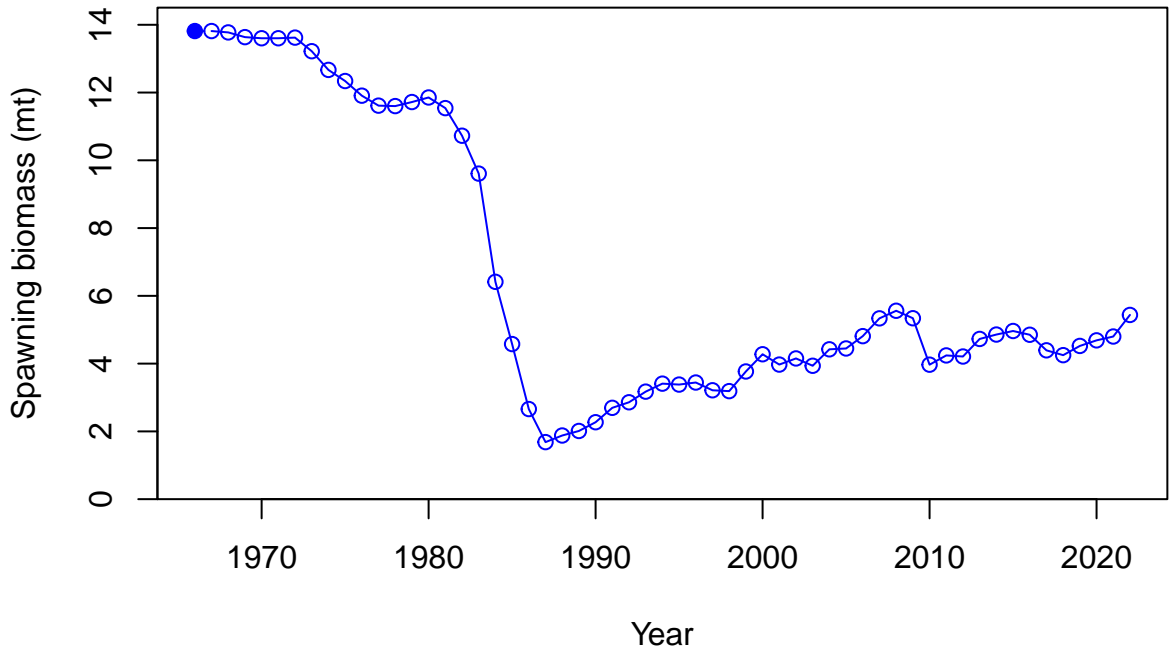
Selectivity



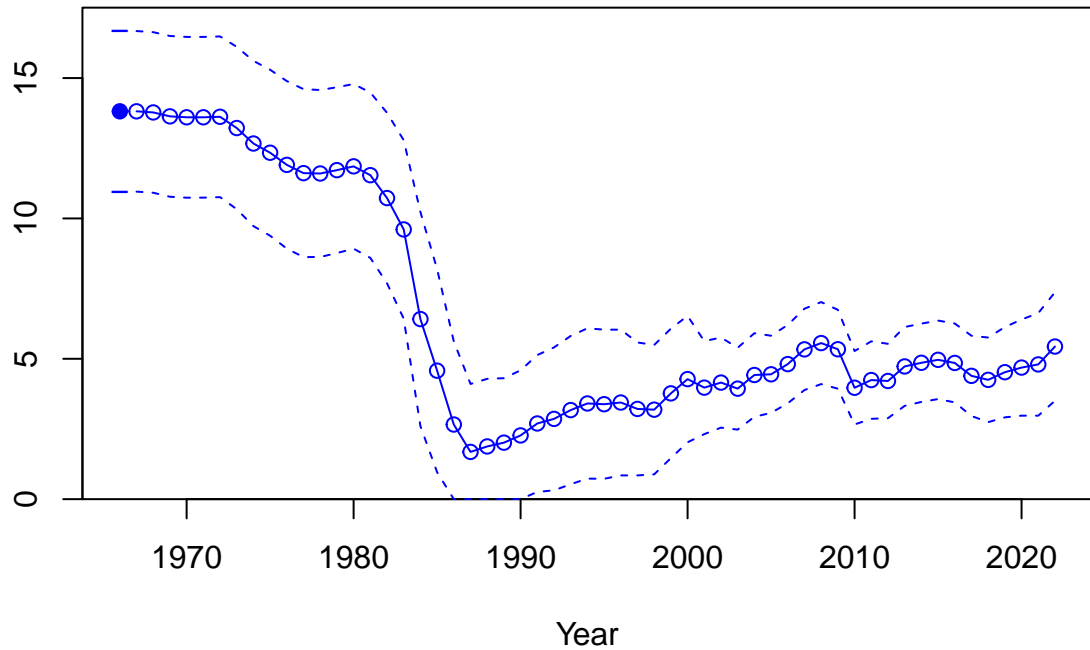
Selectivity



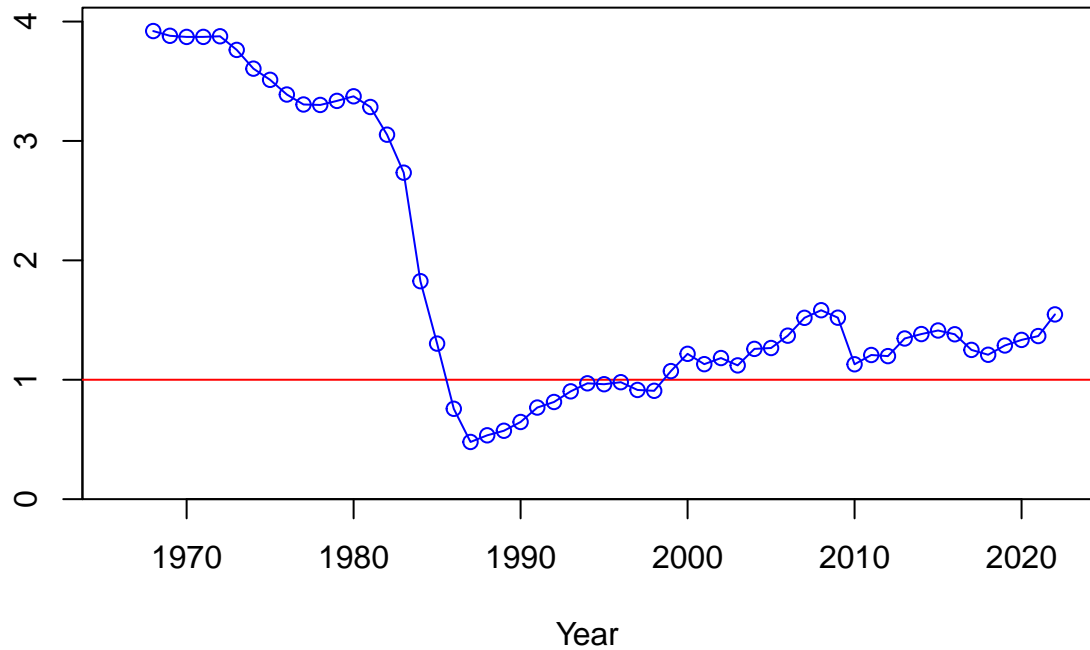




Spawning biomass (mt)

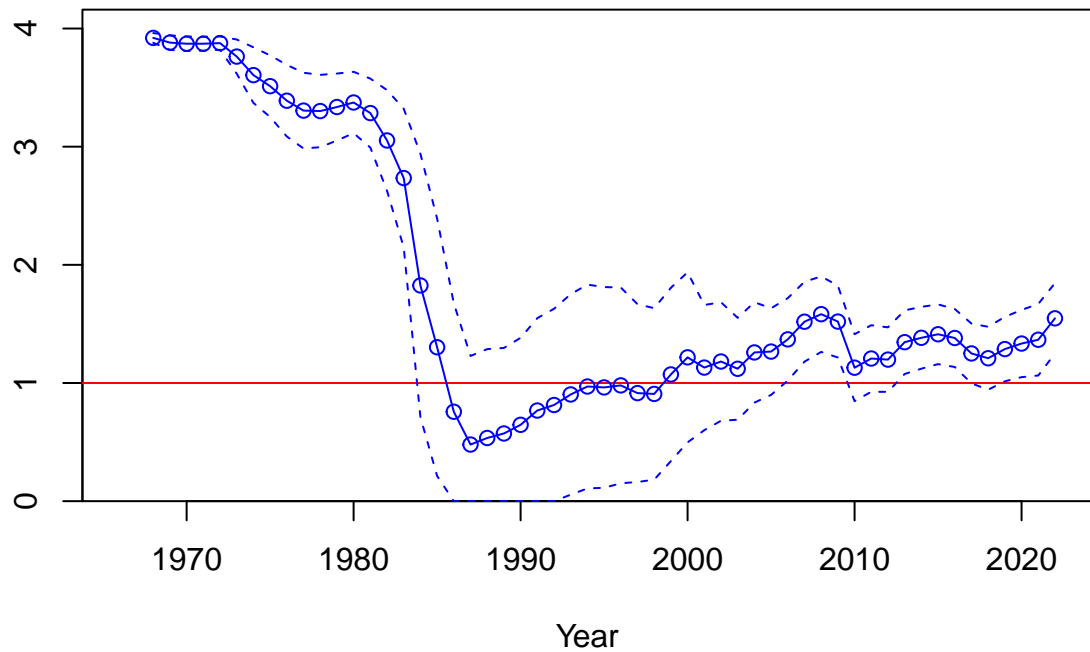


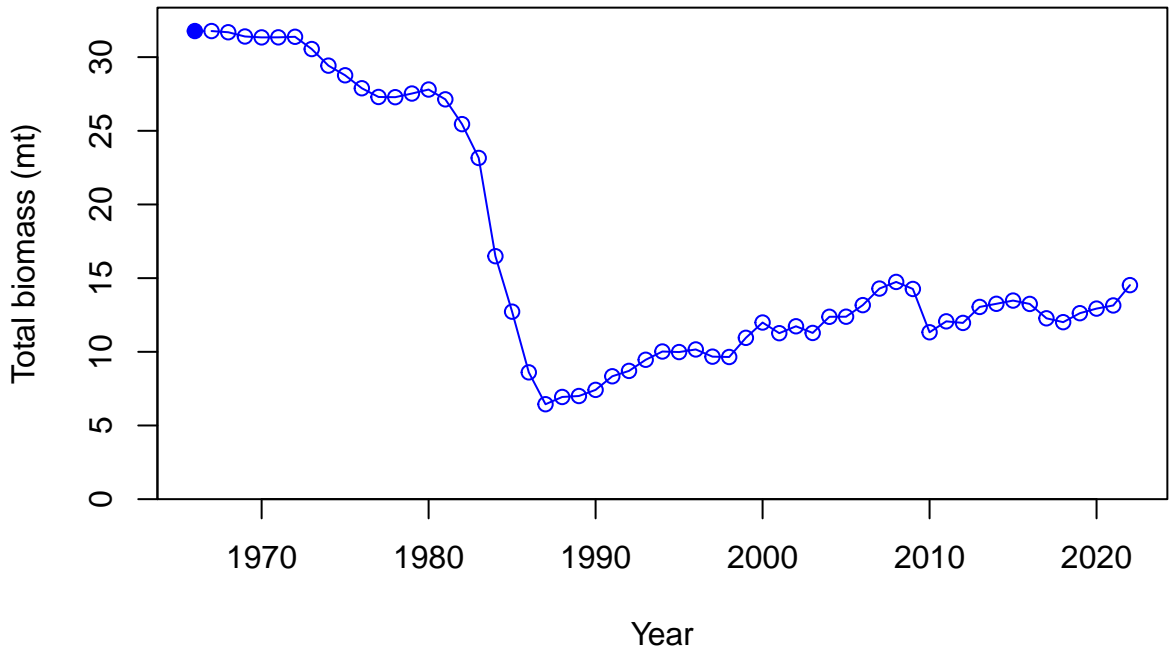
Relative spawning biomass:  $B/B_{MSY}$

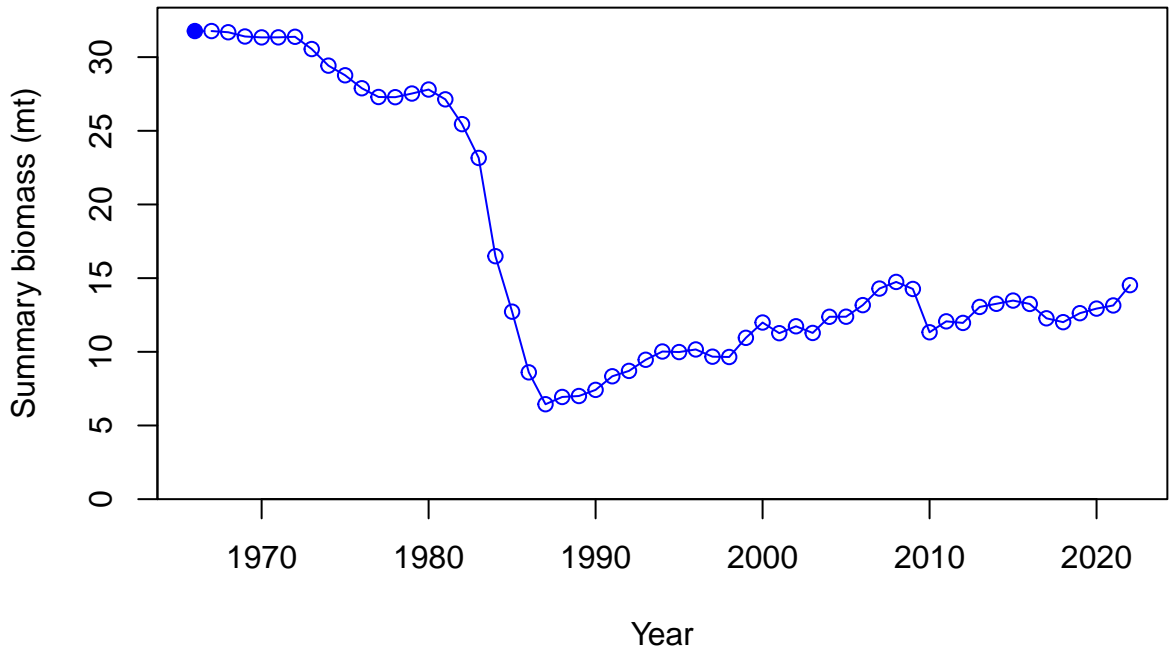


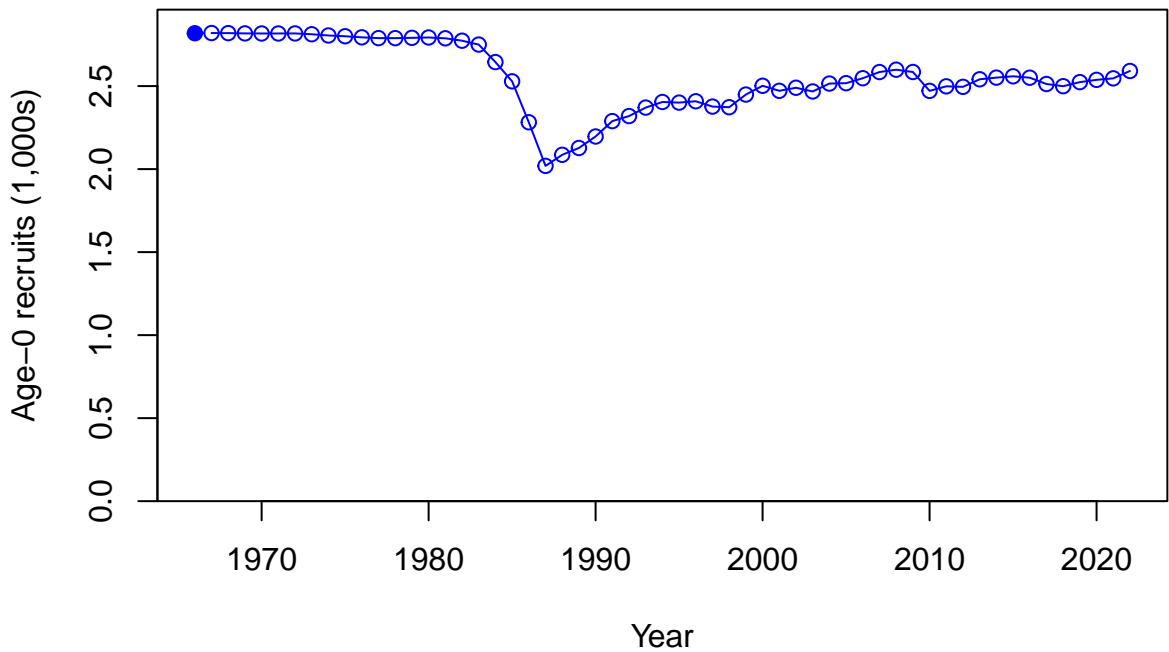


Relative spawning biomass:  $B/B_{MSY}$

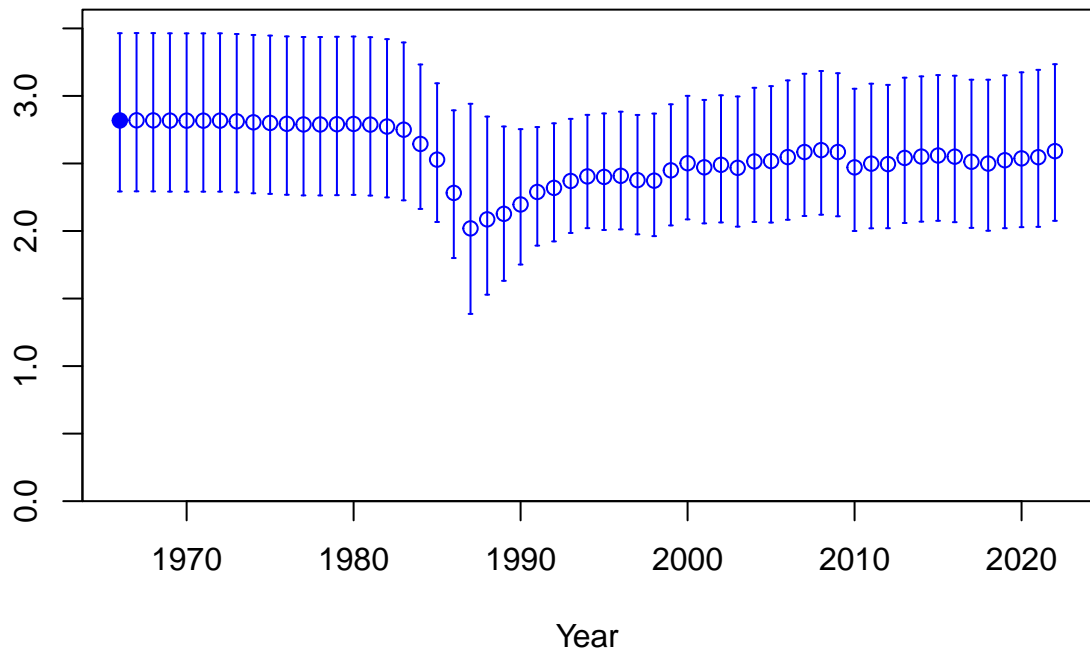




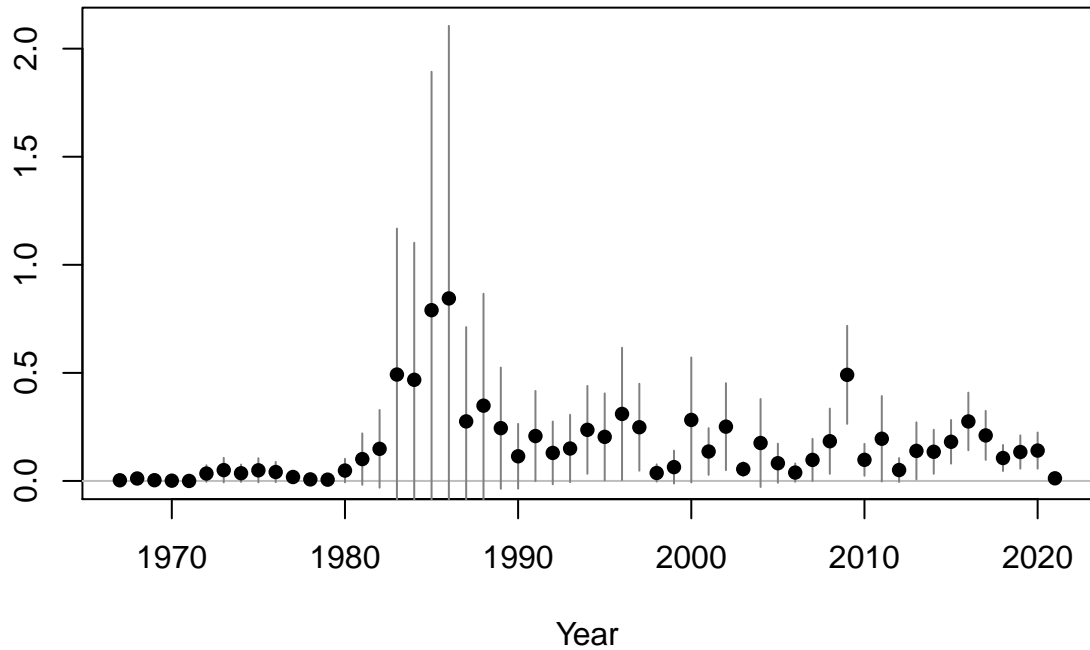


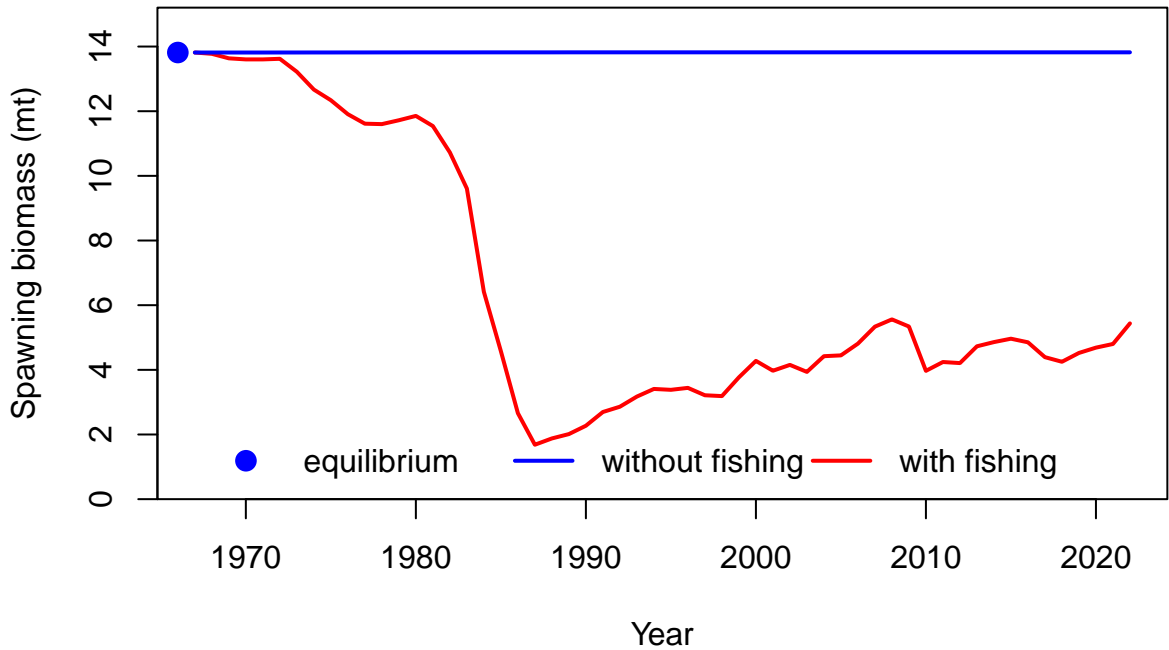


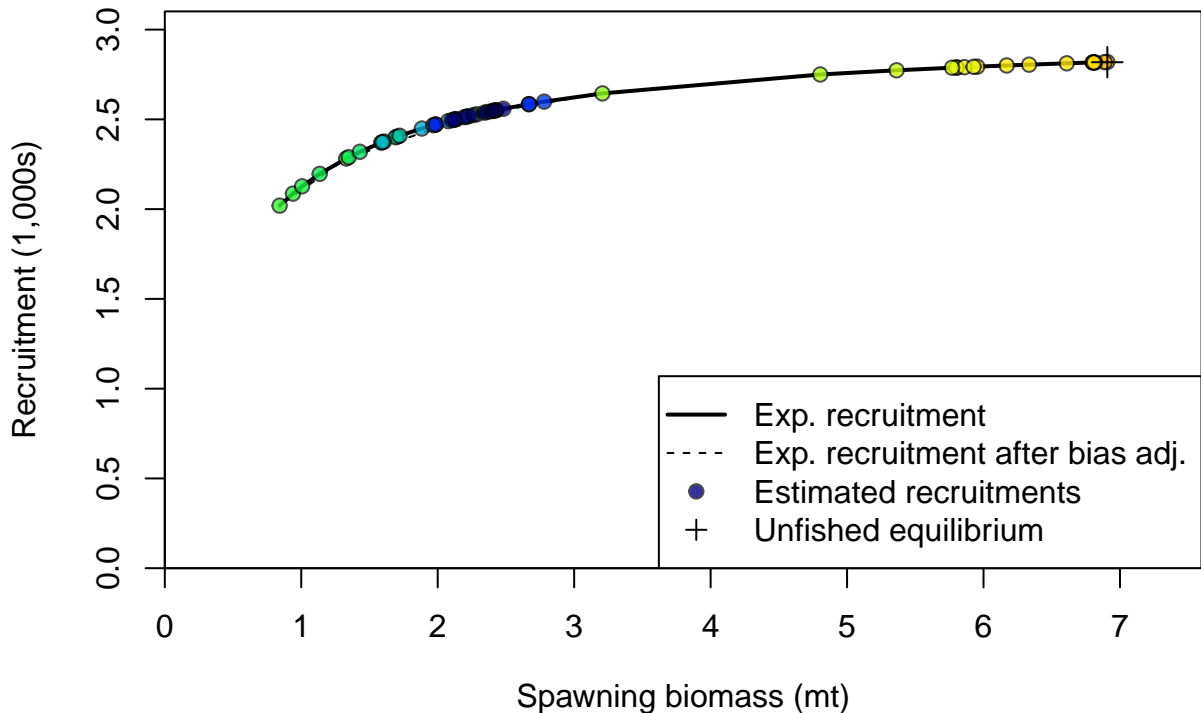
Age-0 recruits (1,000s)



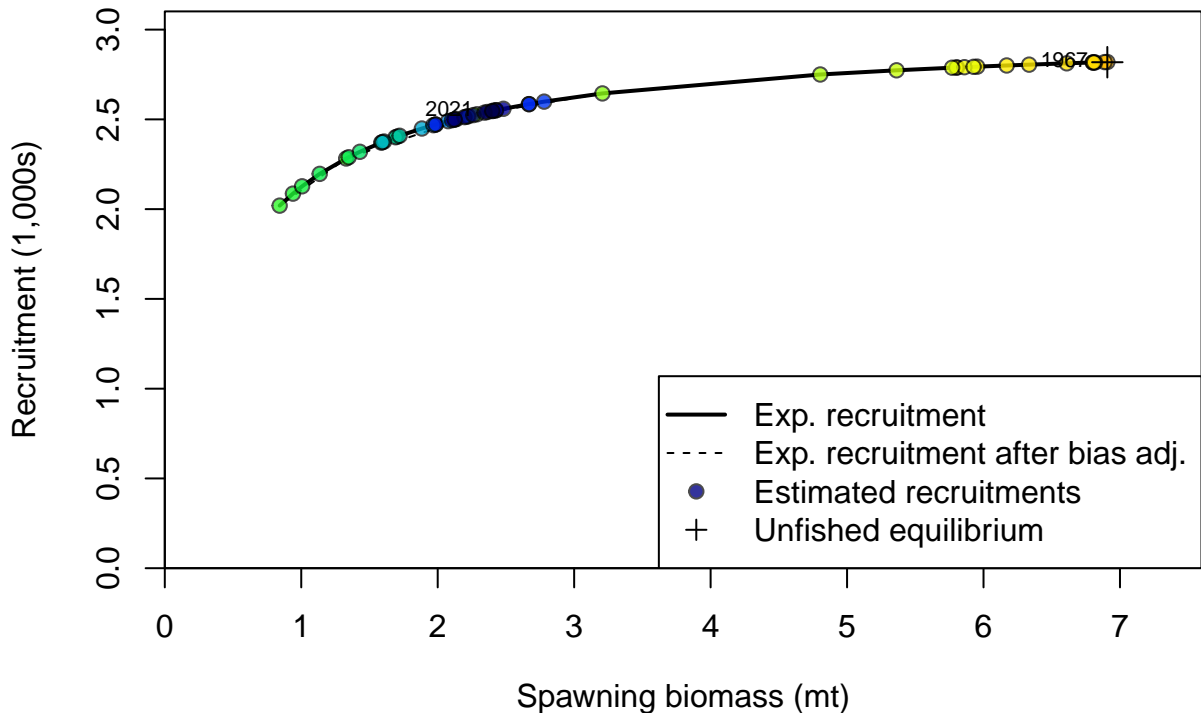
Summary Fishing Mortality

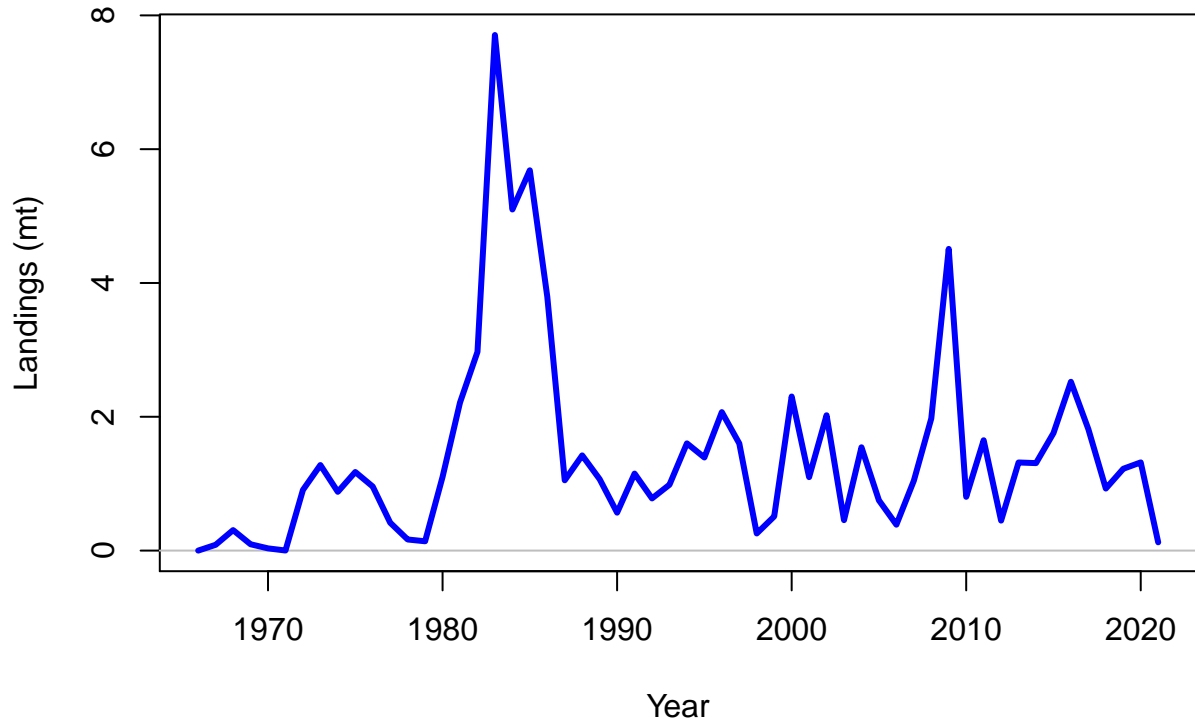


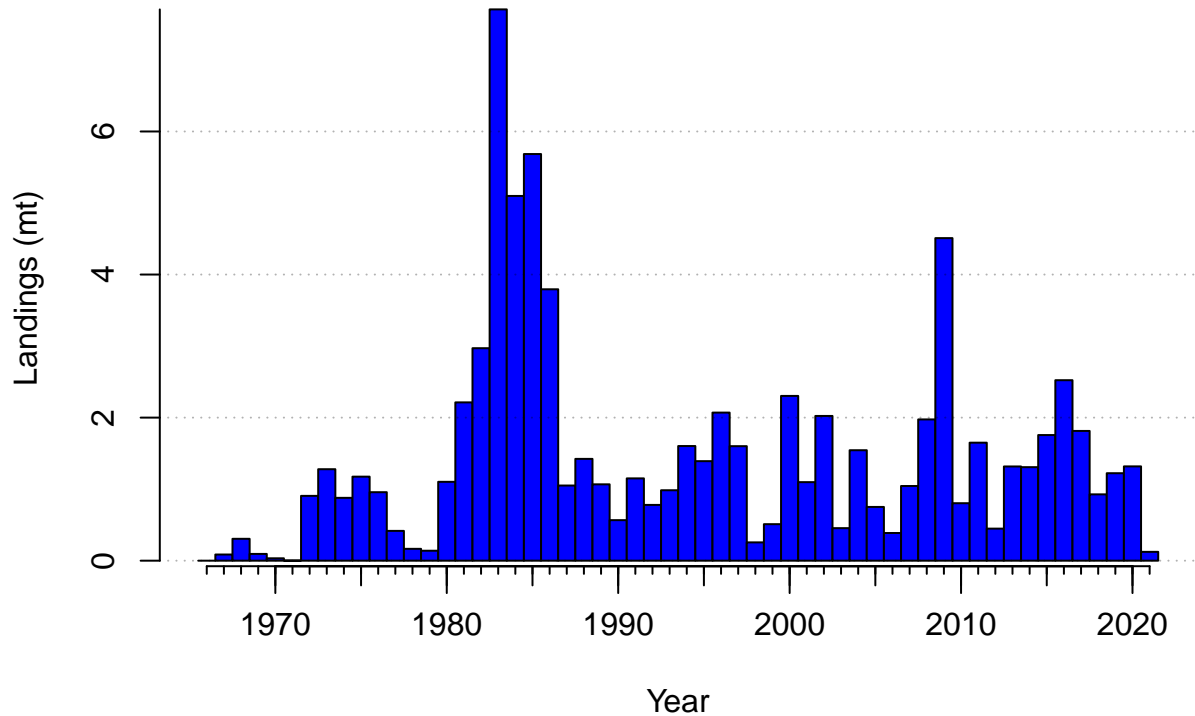


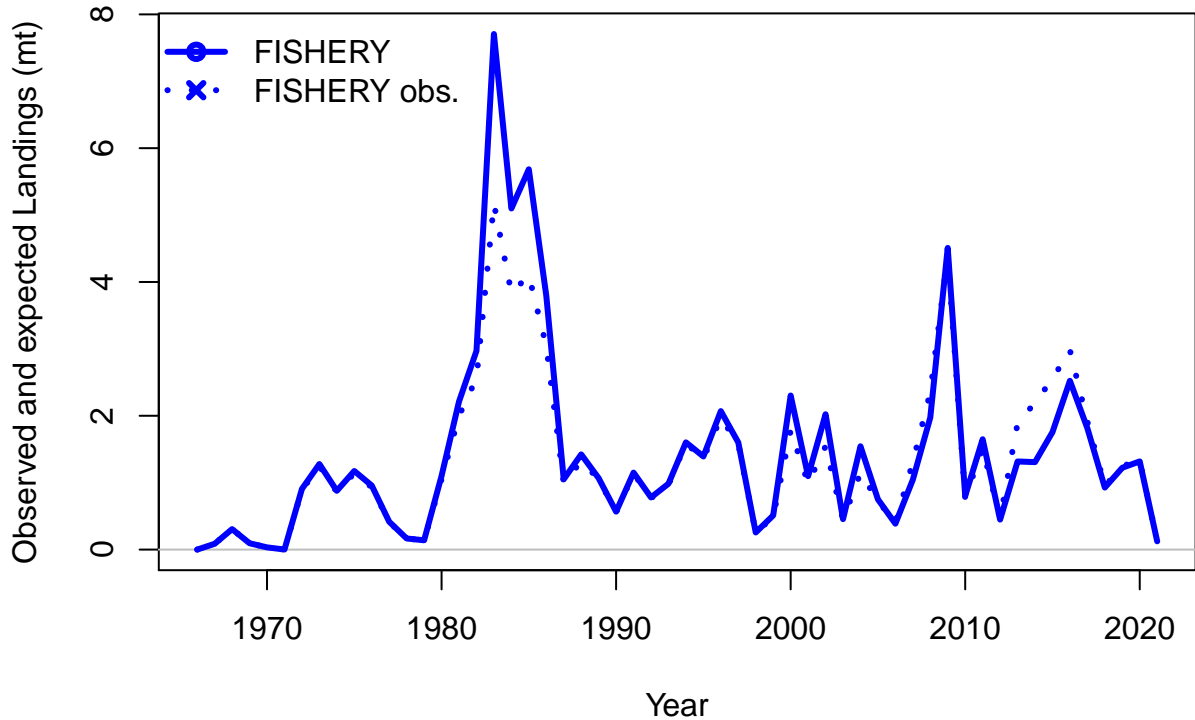


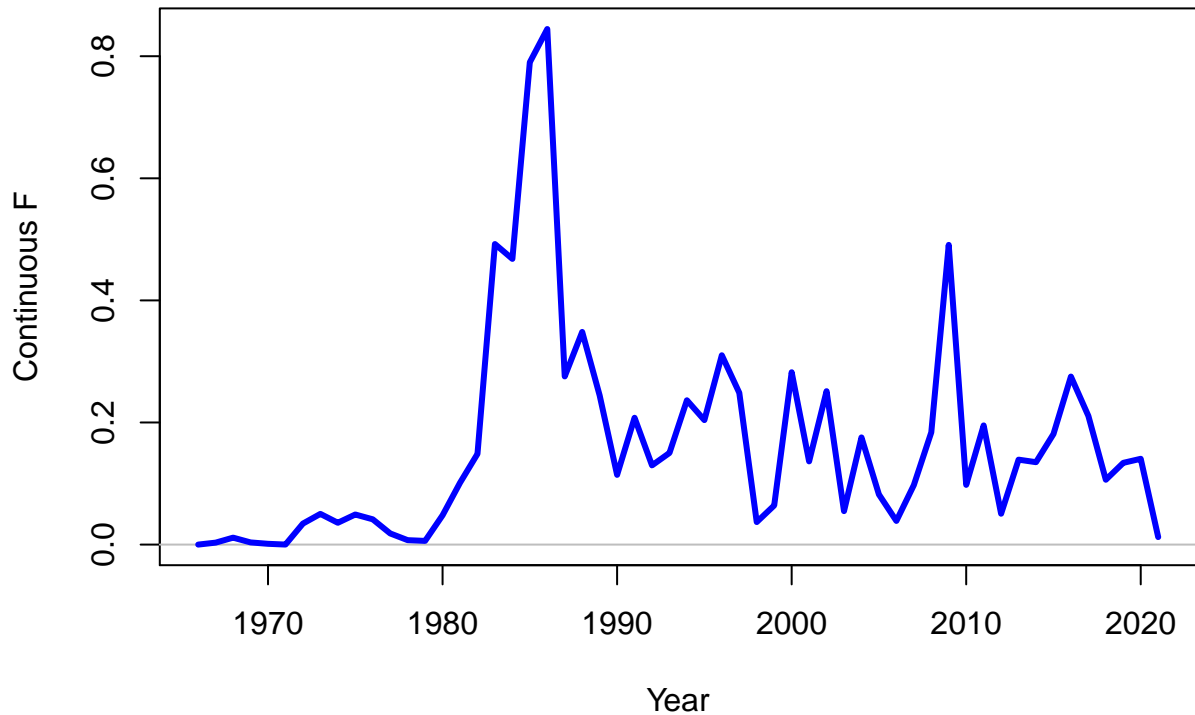




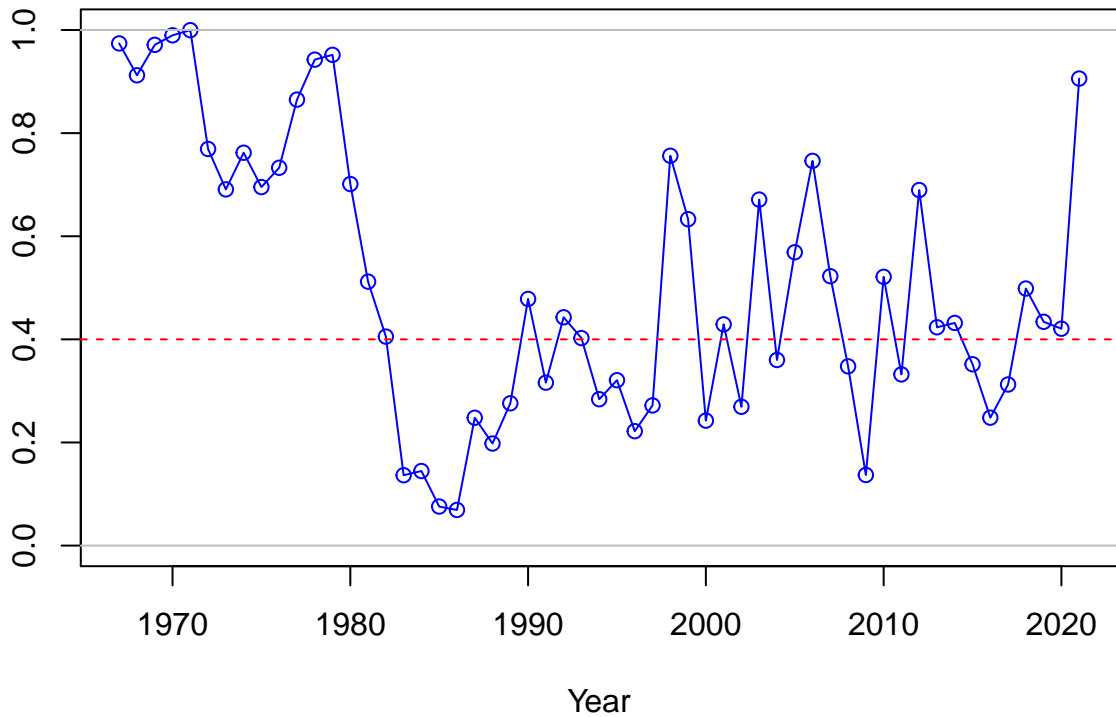


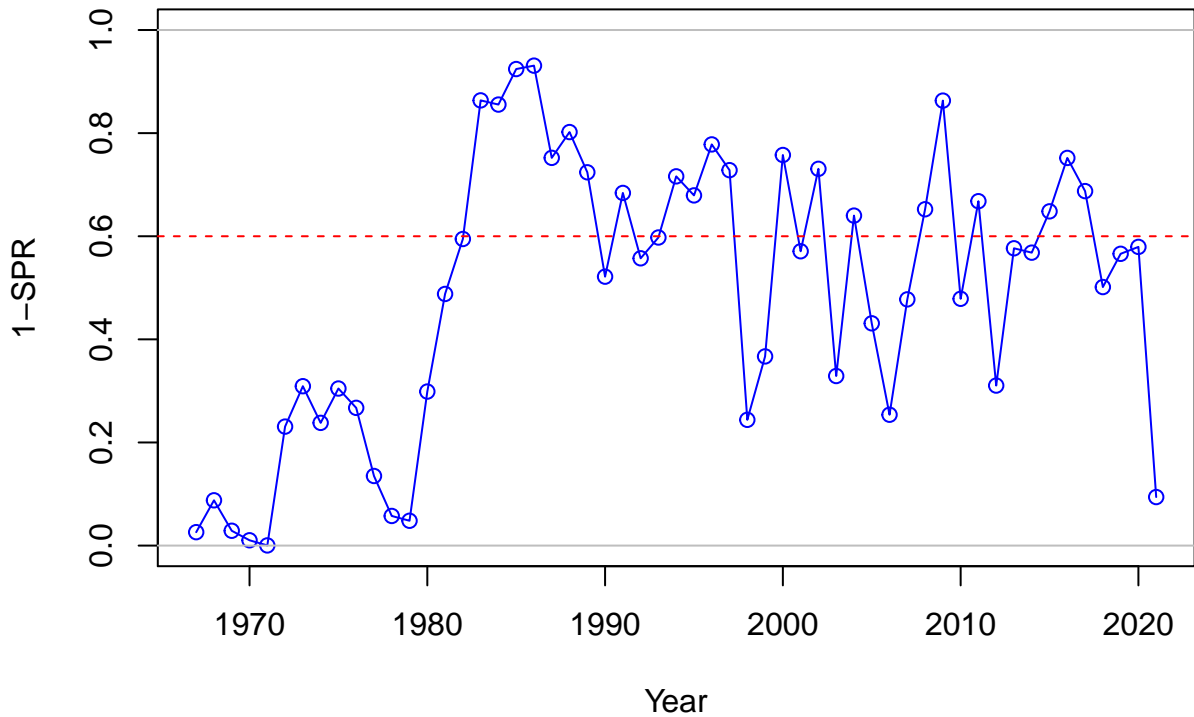




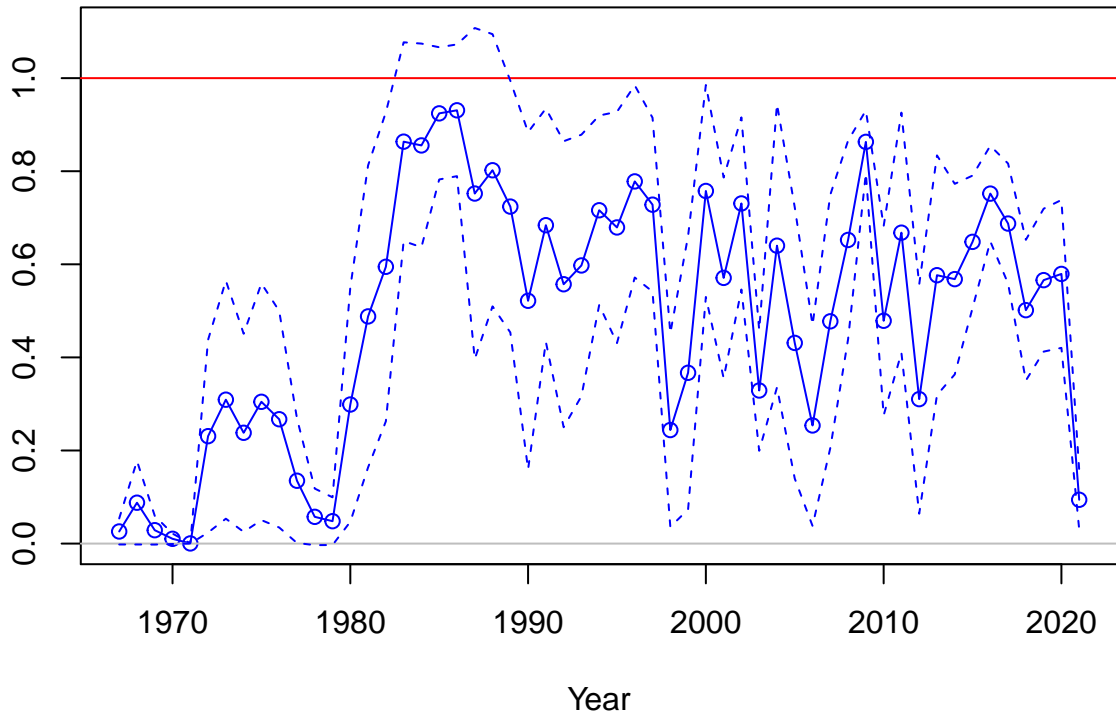


SPR



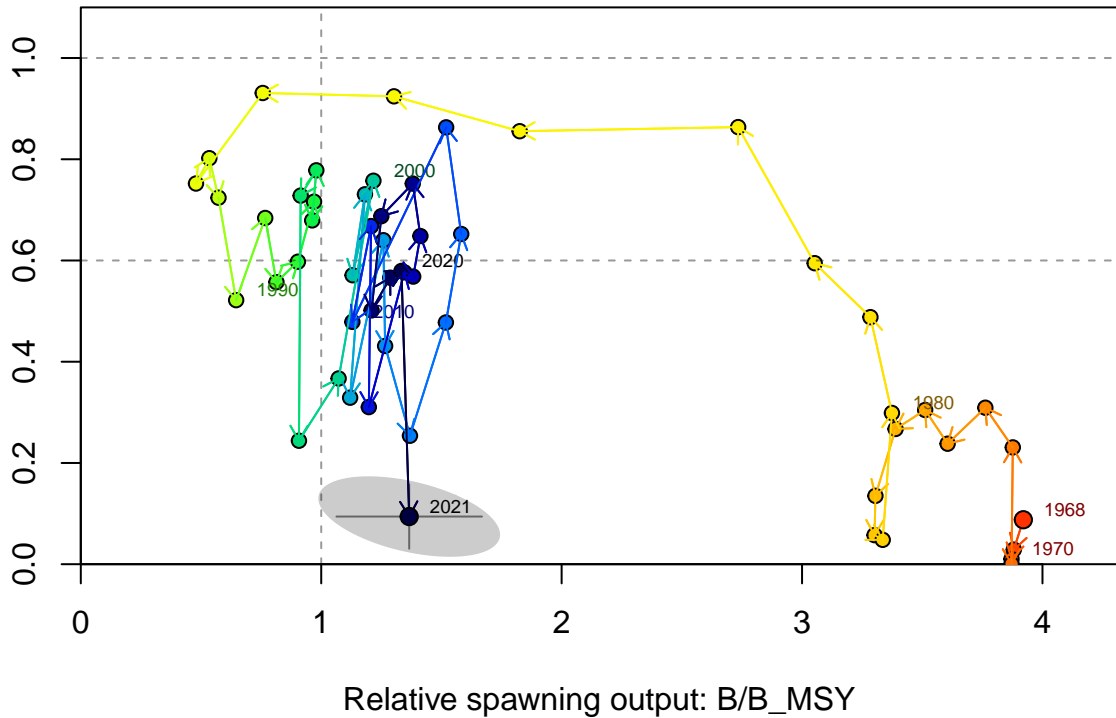


Fishing intensity: 1-SPR

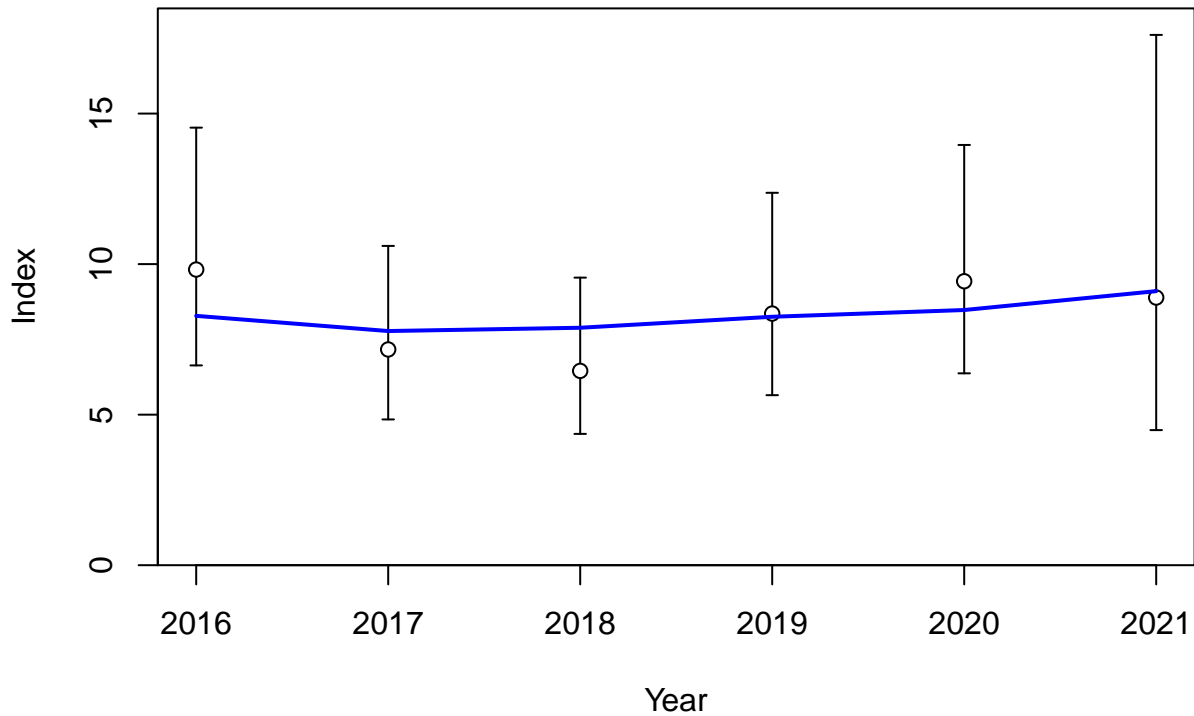


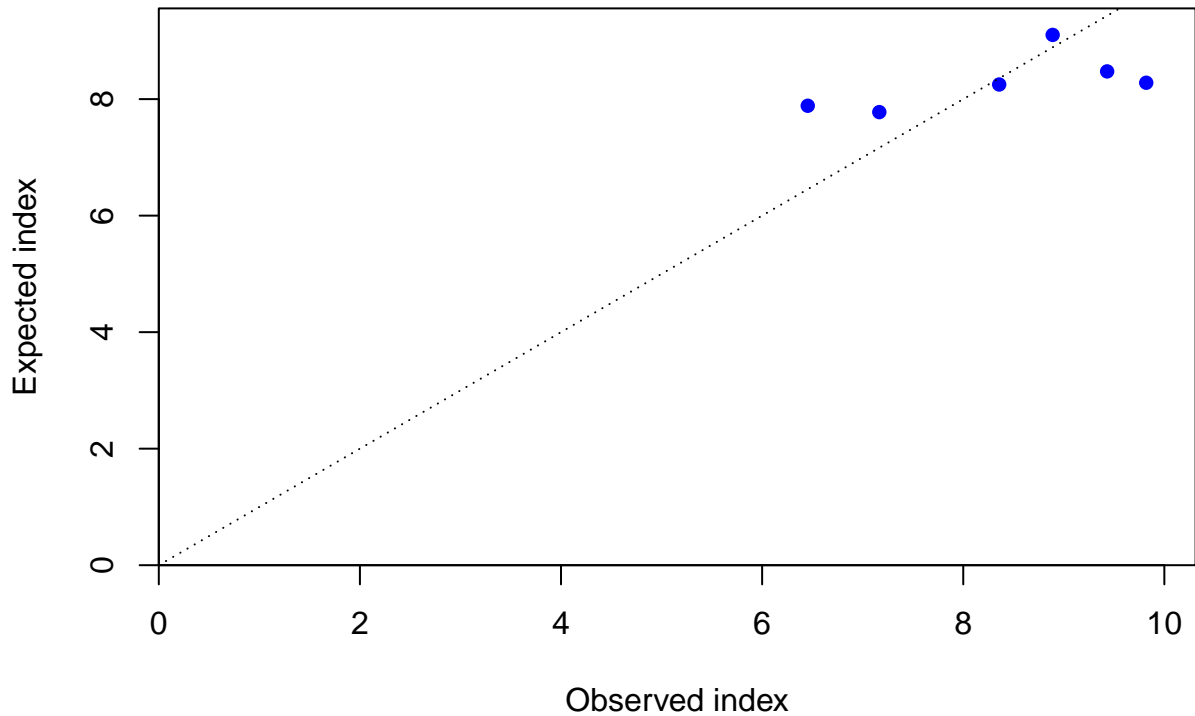


Fishing intensity: 1-SPR

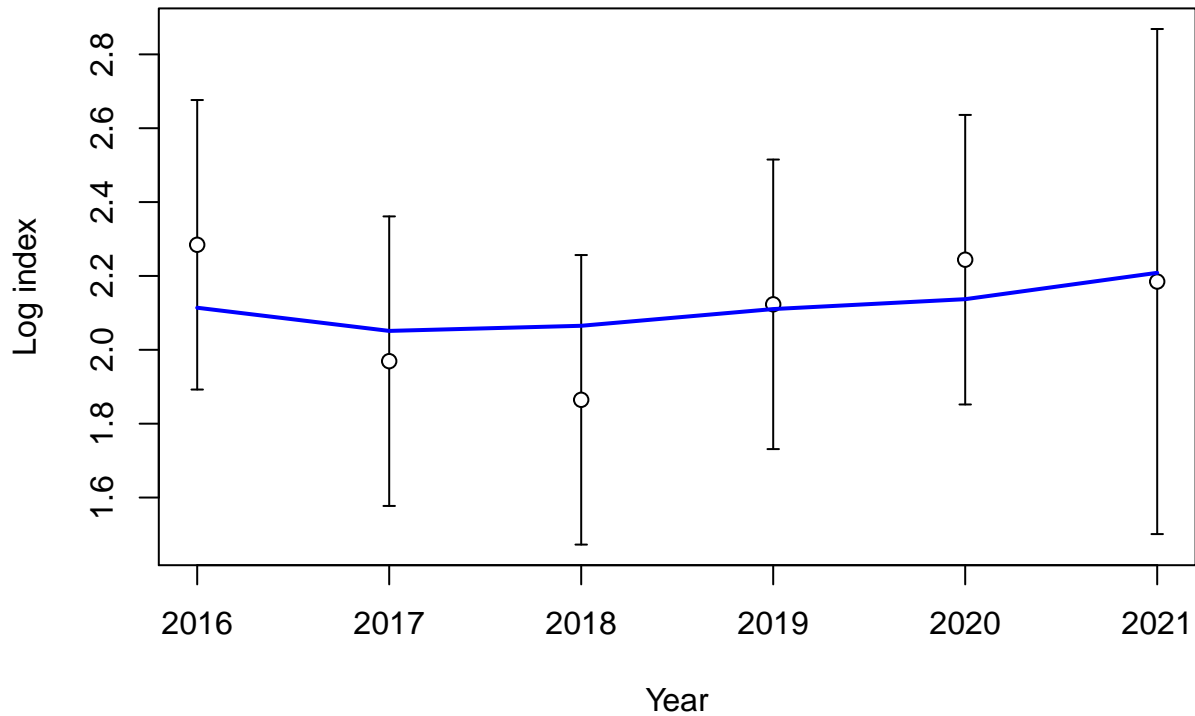


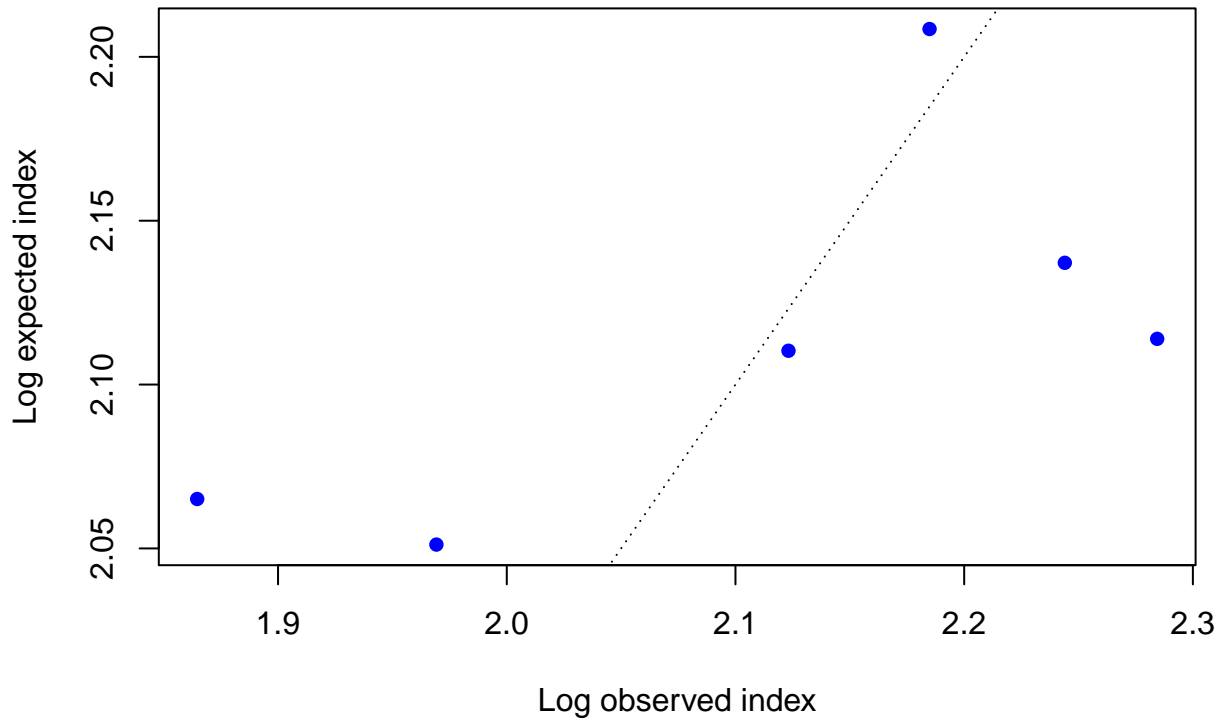




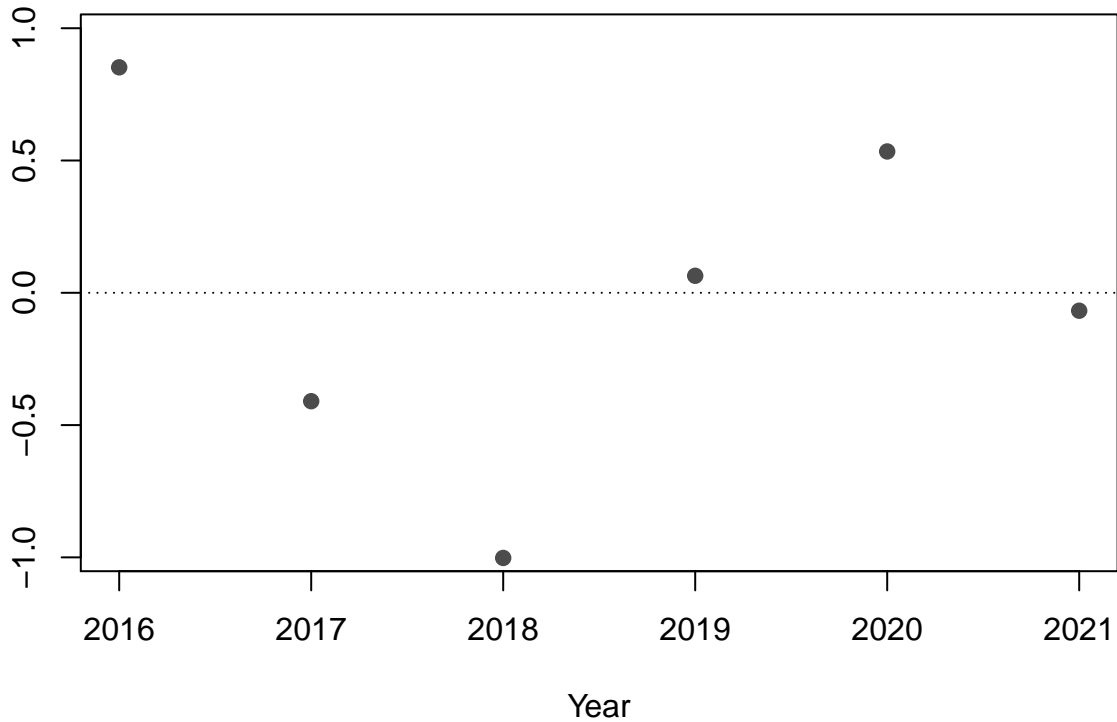






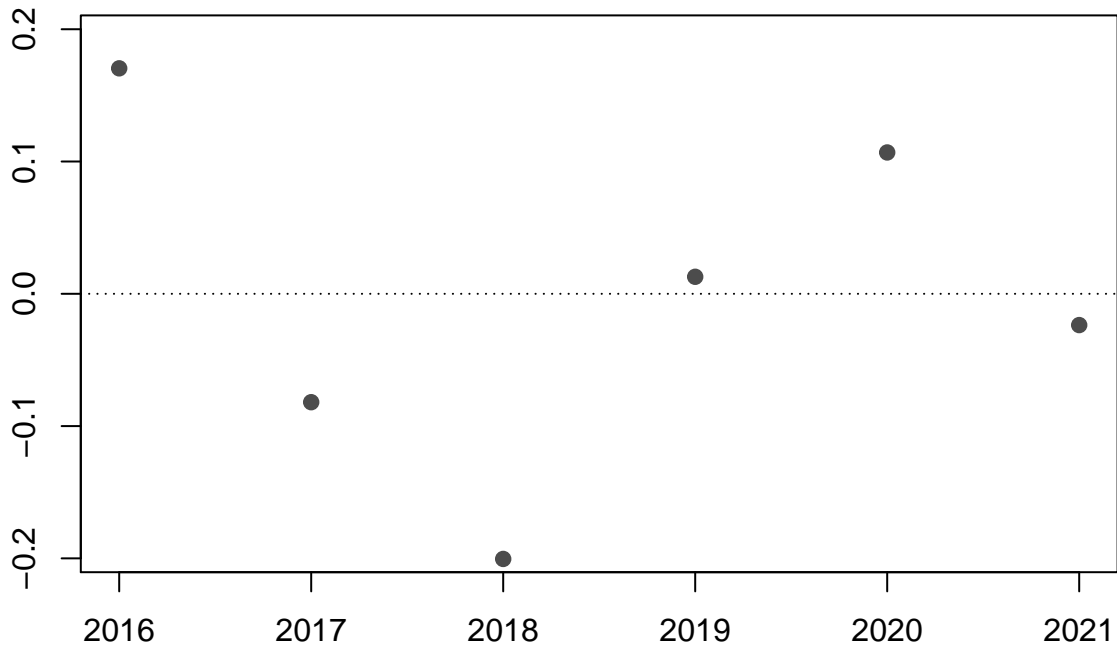


Residual



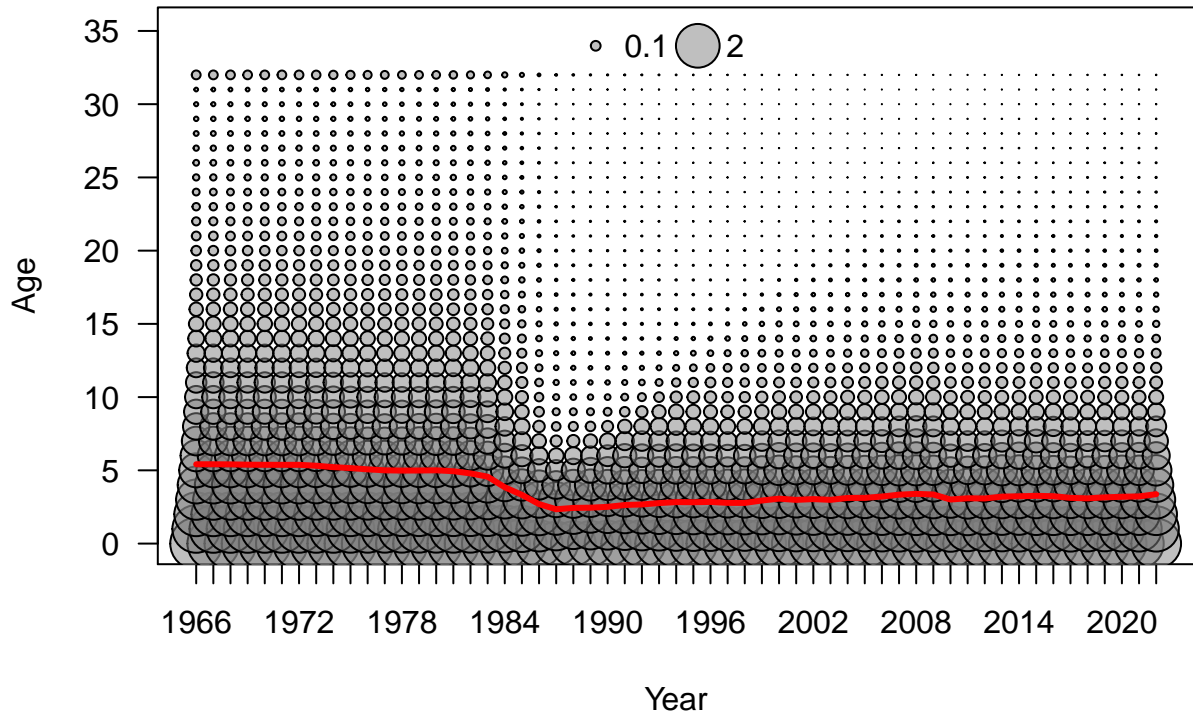


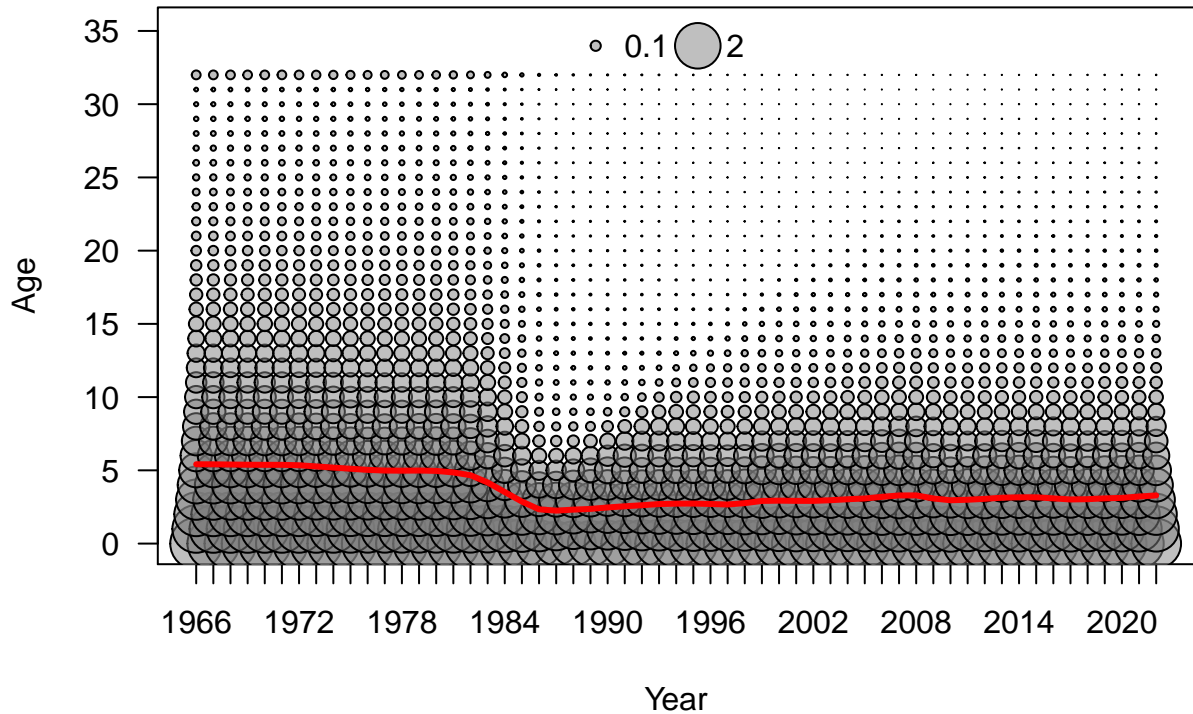
Deviation

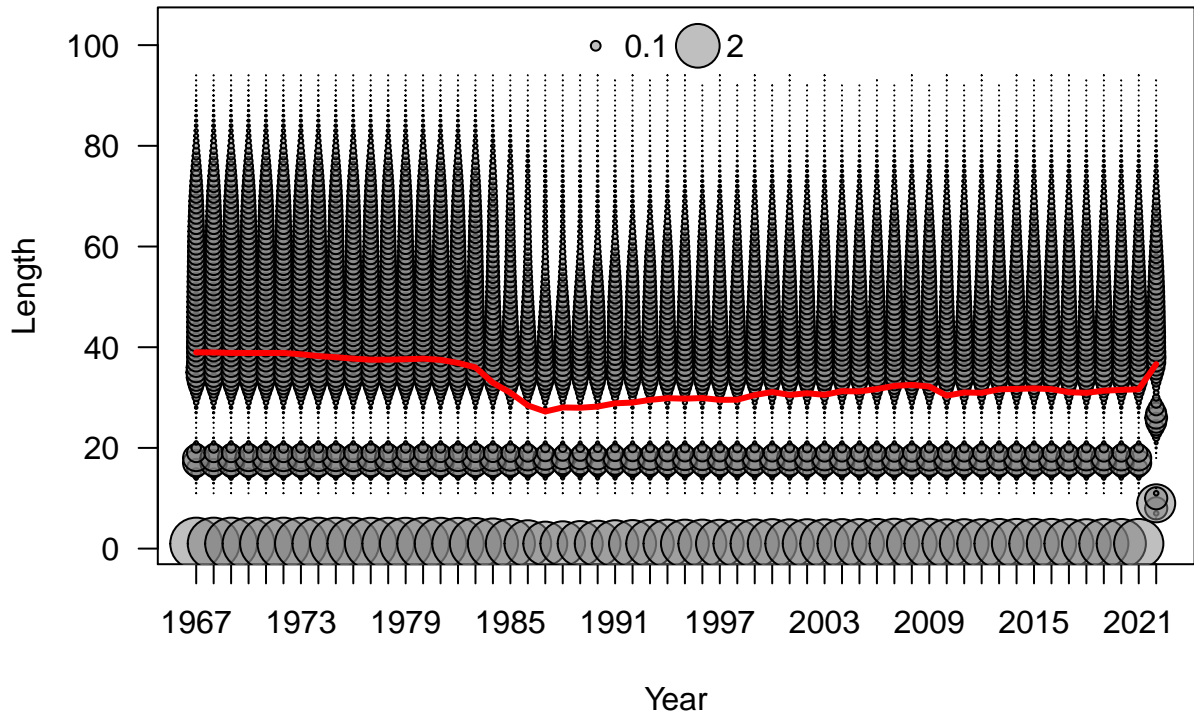


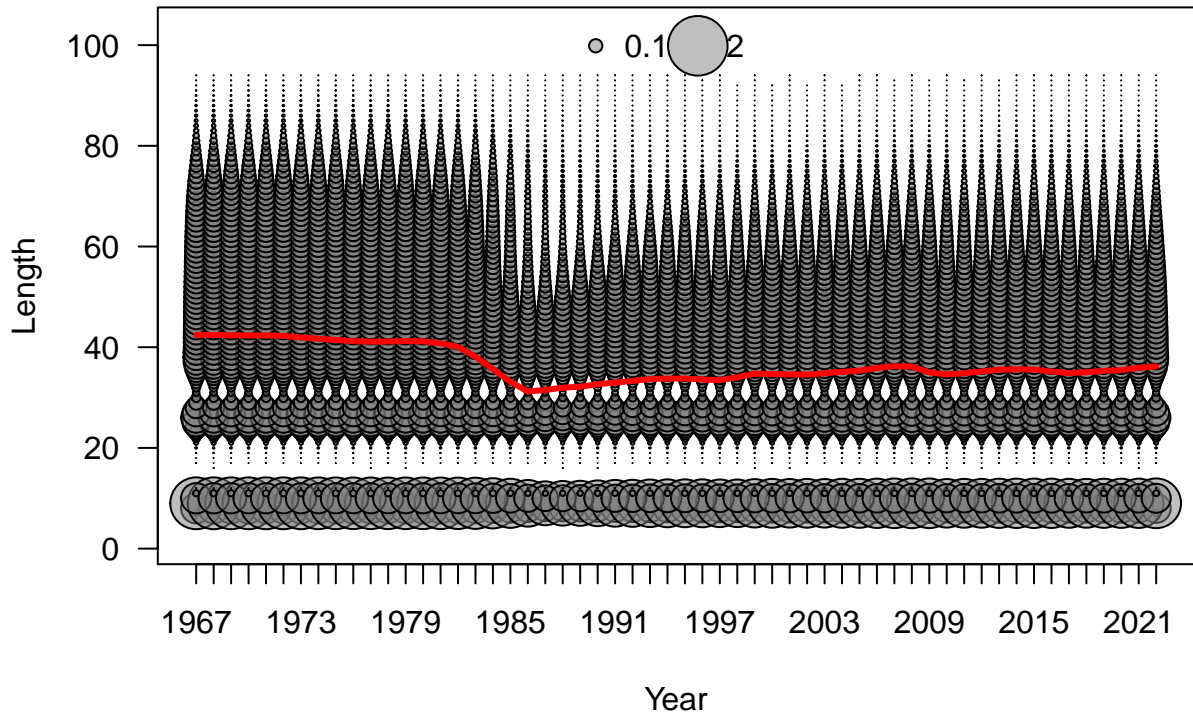
Year

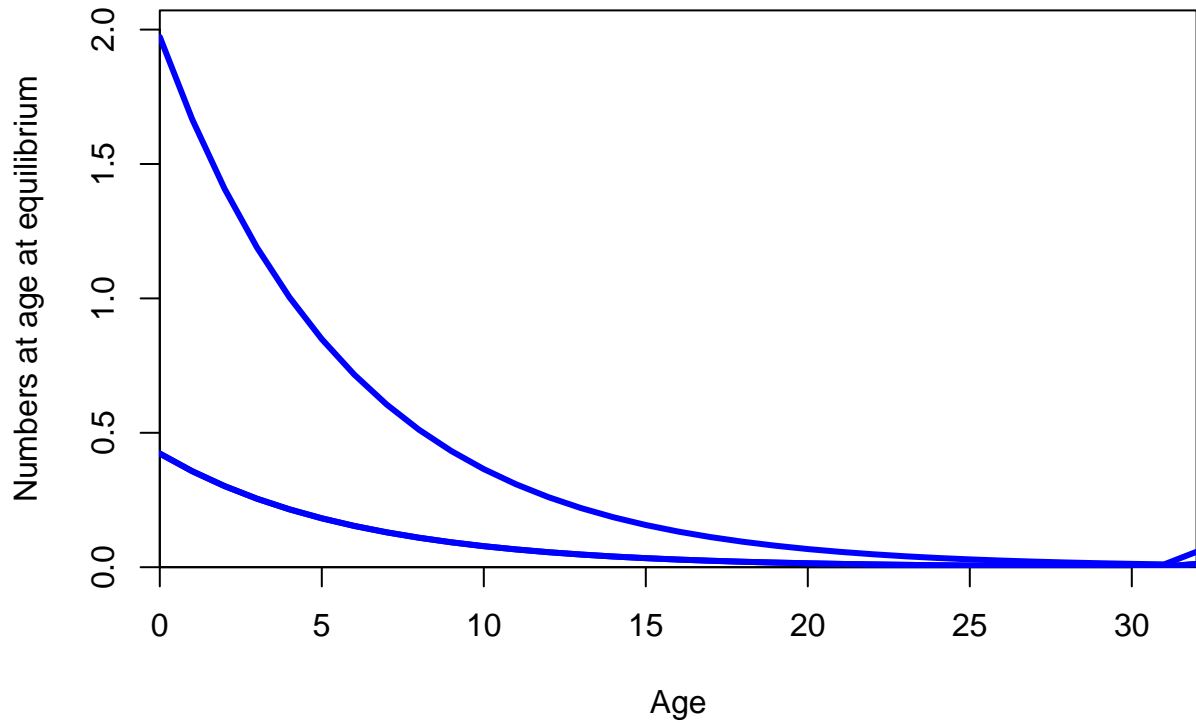


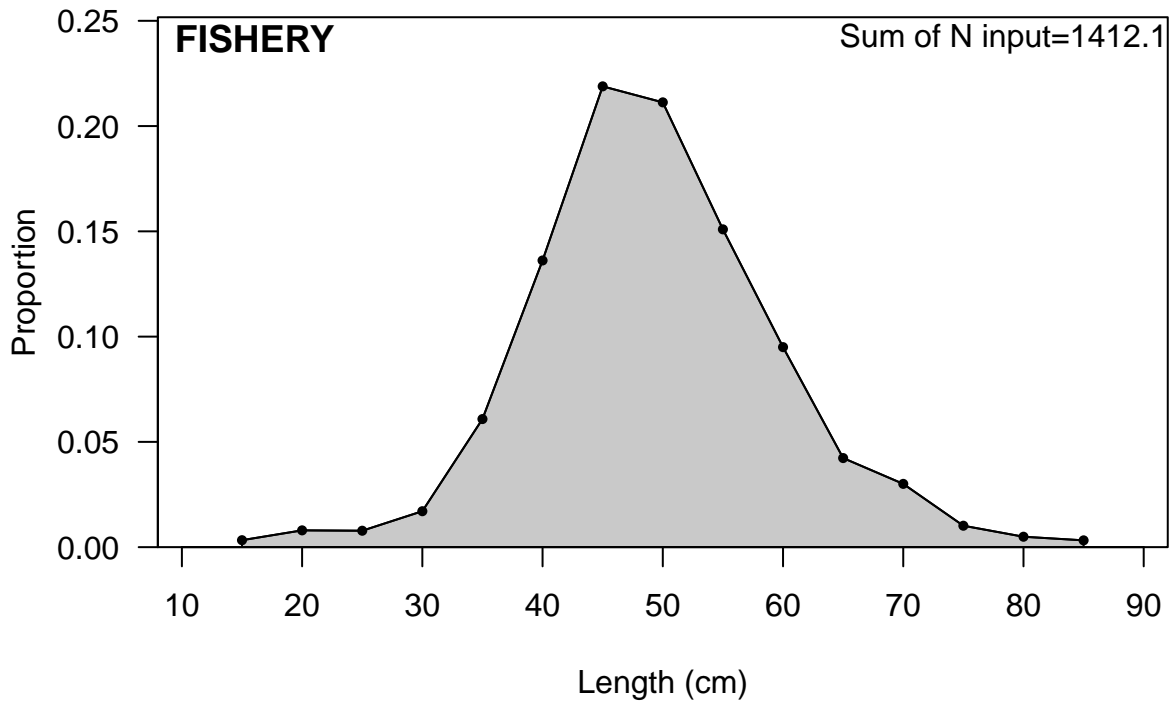




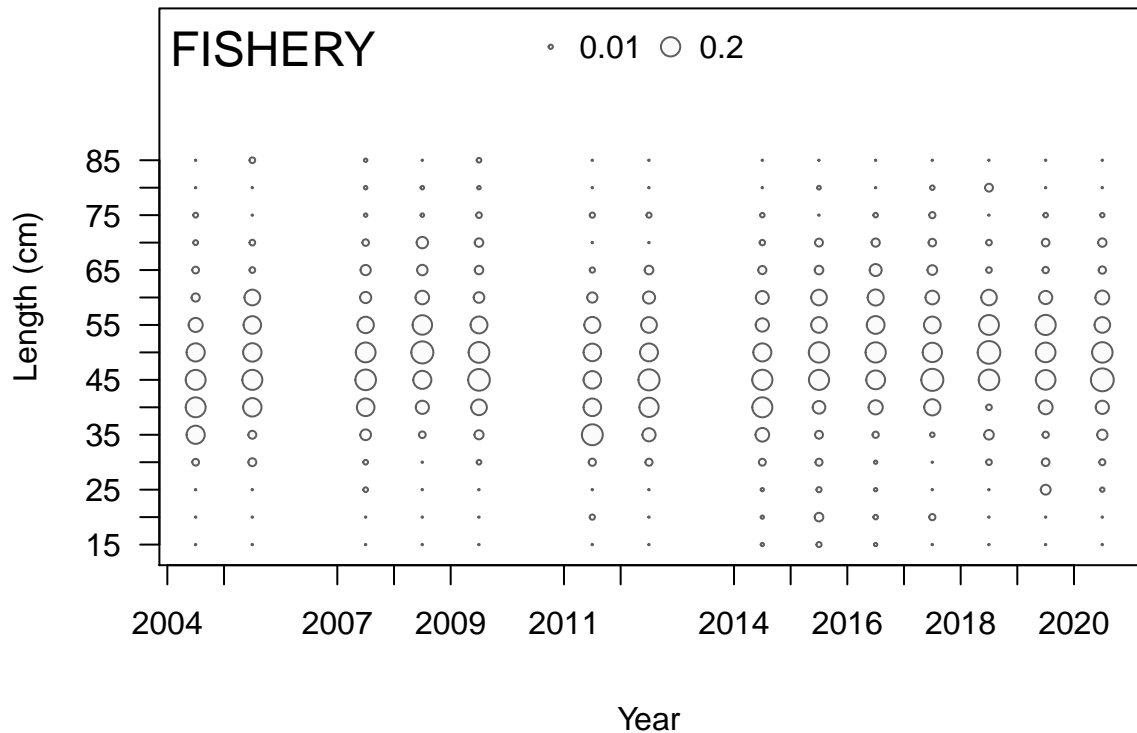




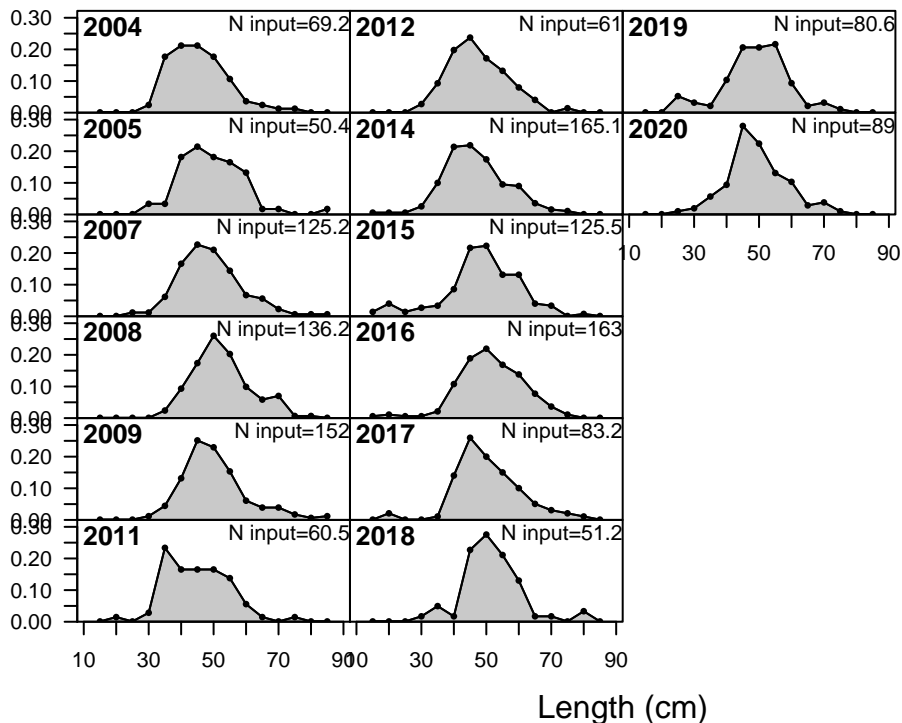


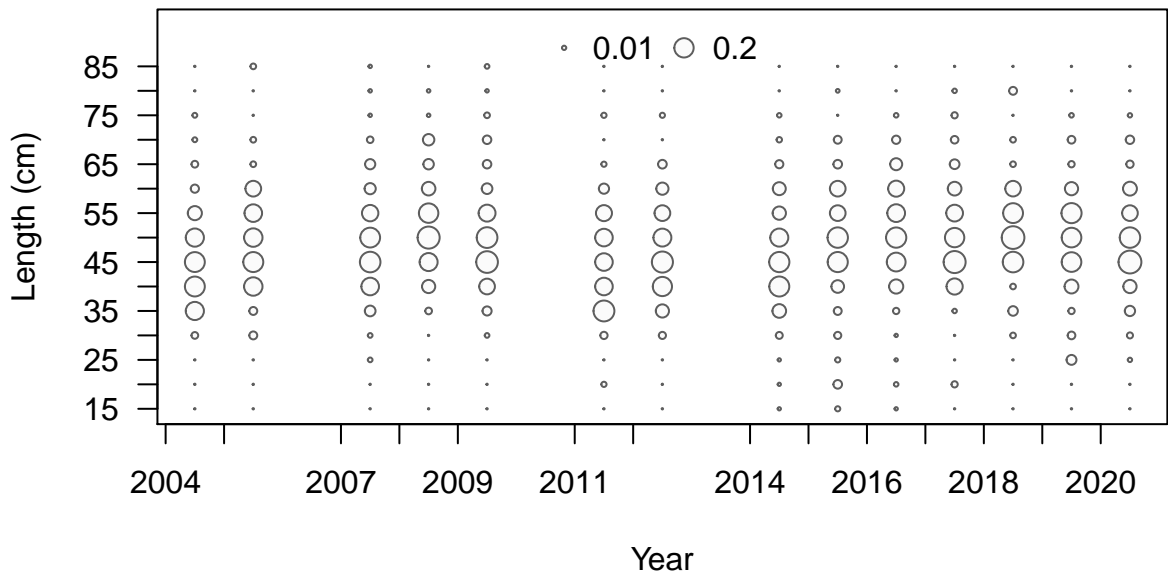




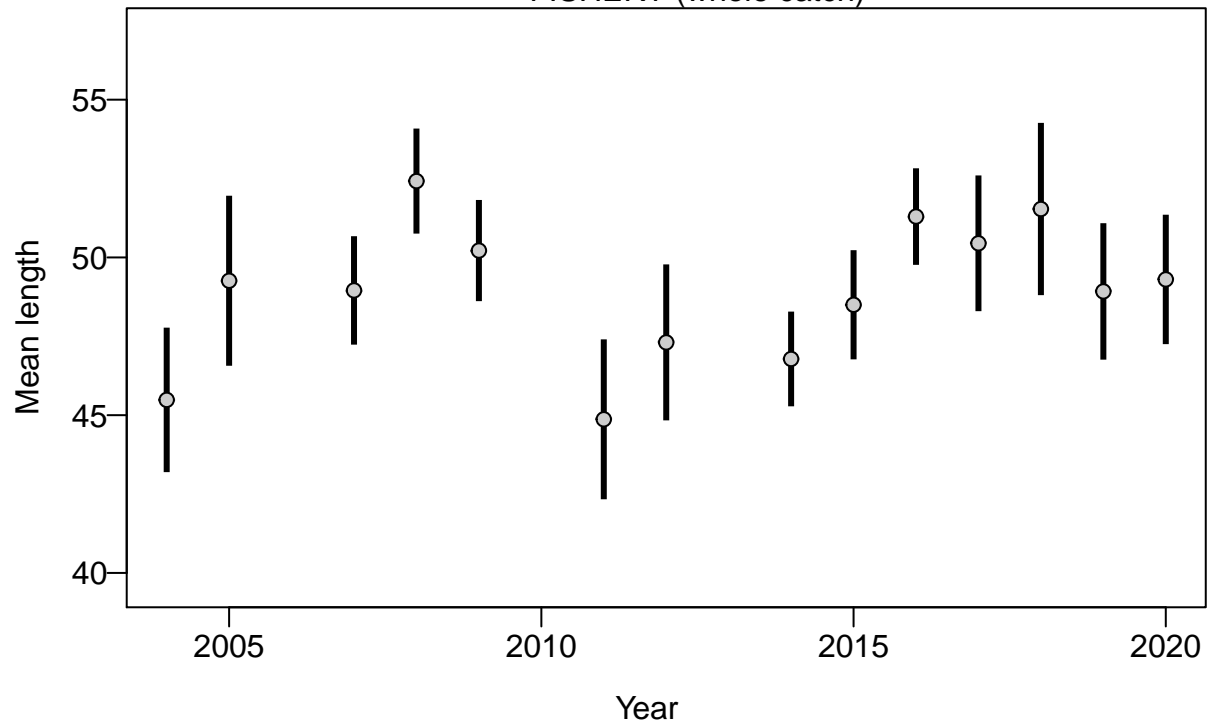


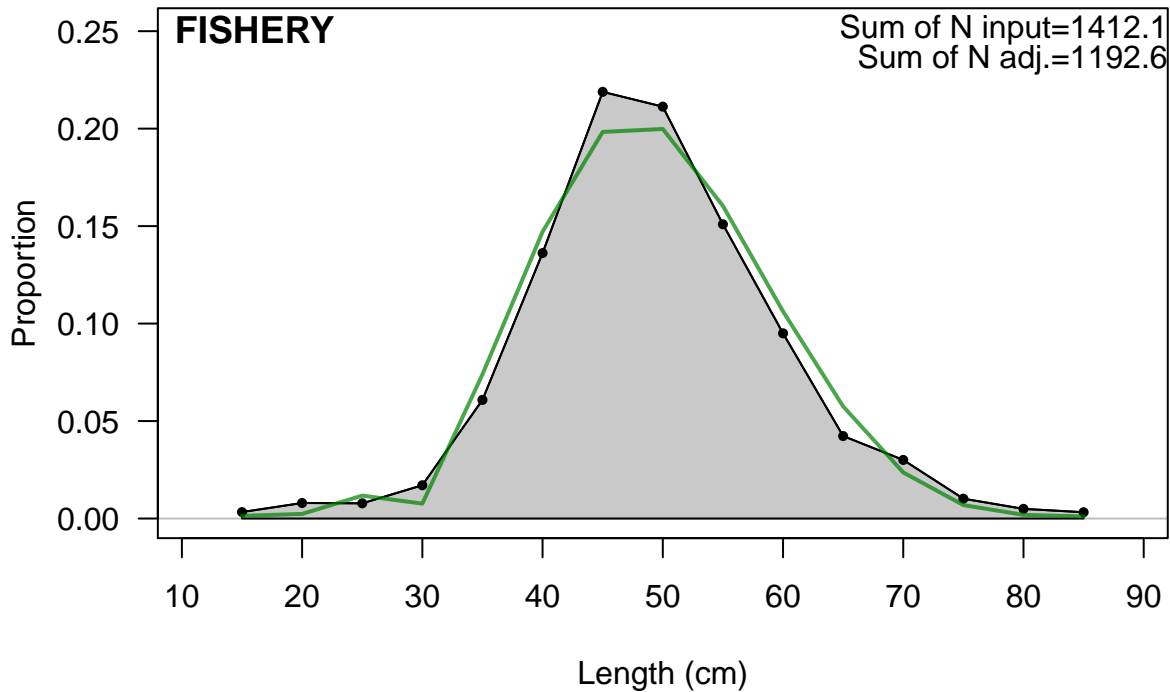
Proportion

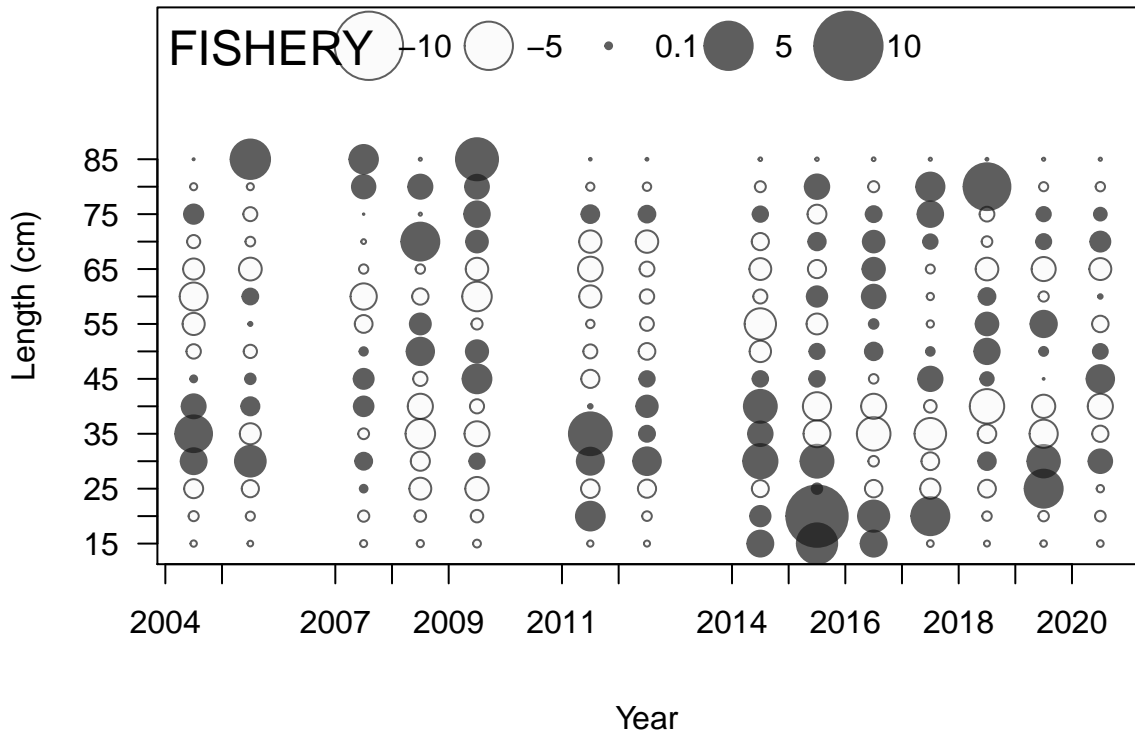




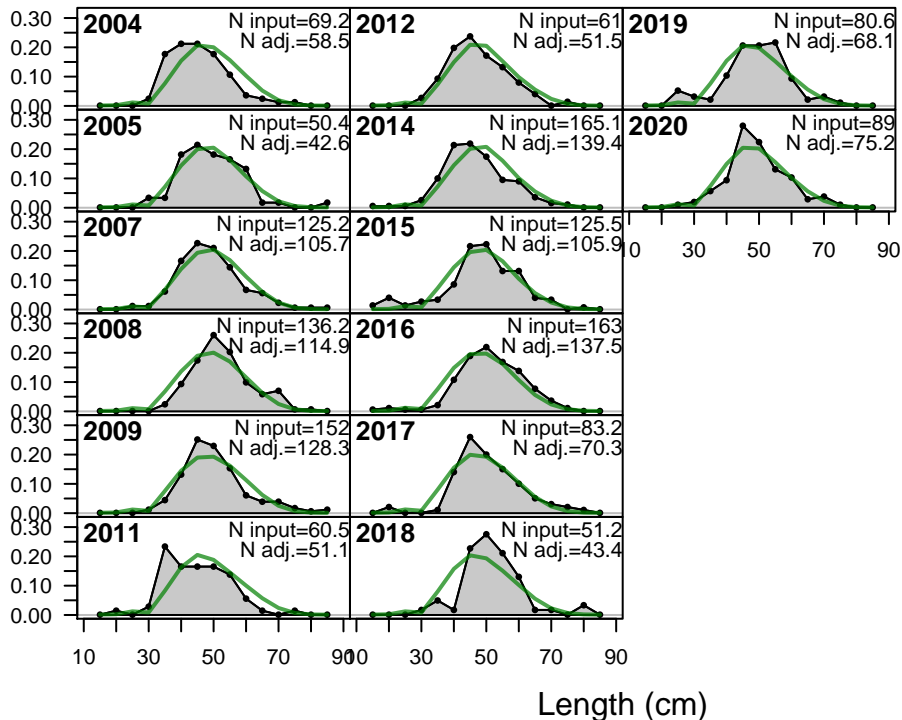
FISHERY (whole catch)

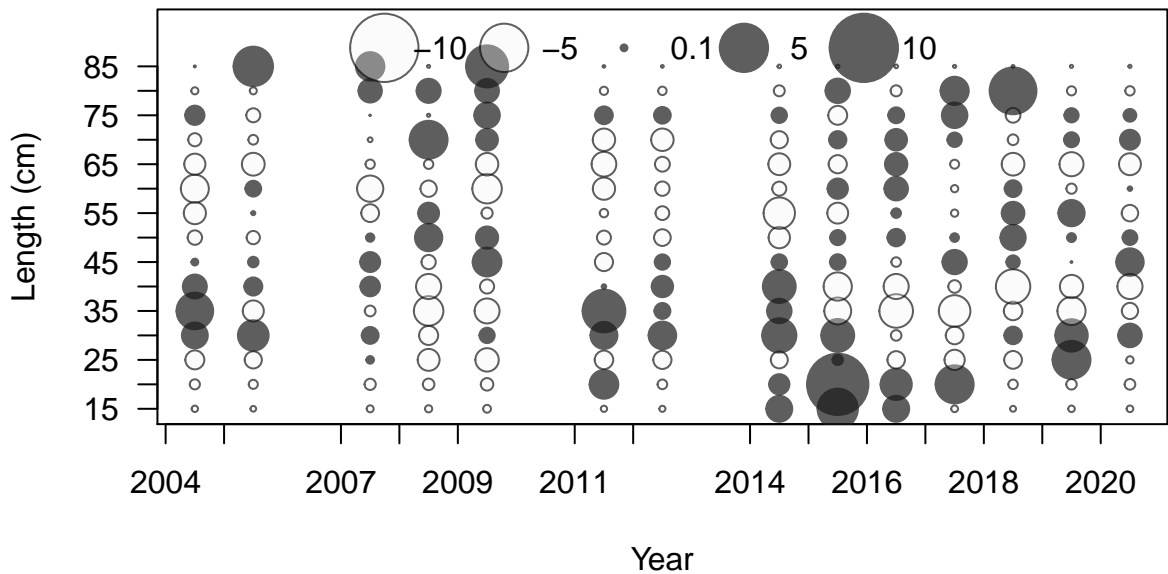






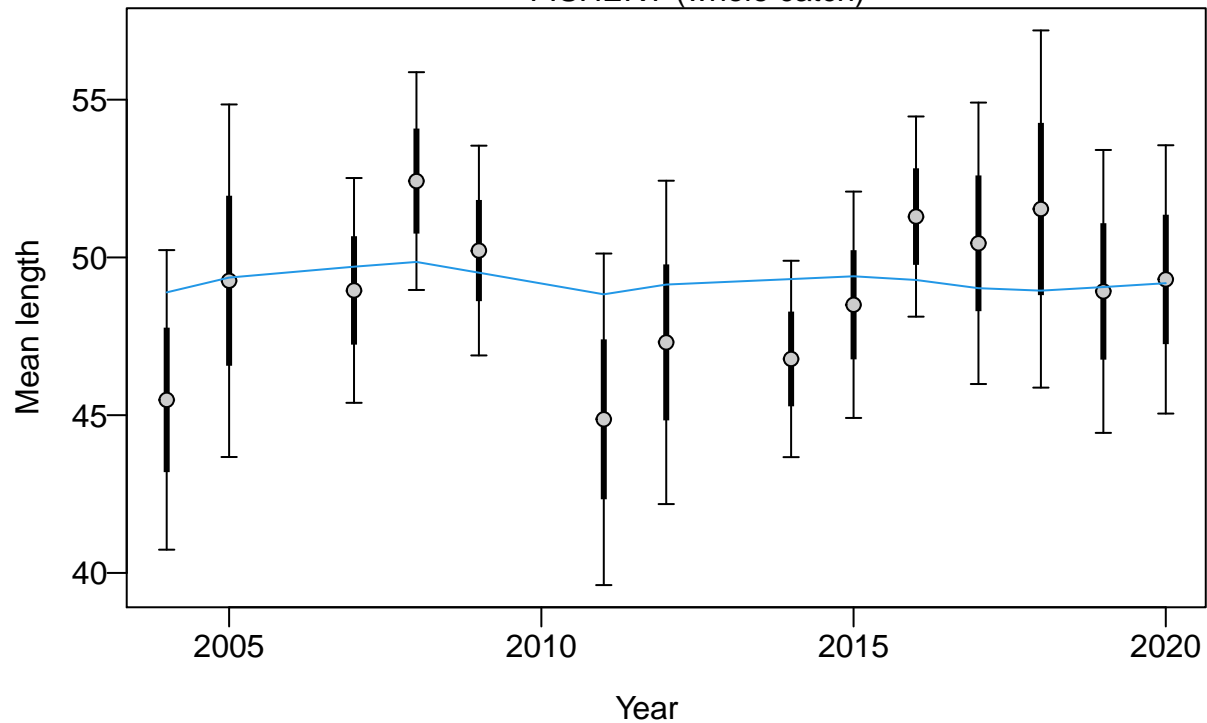
Proportion

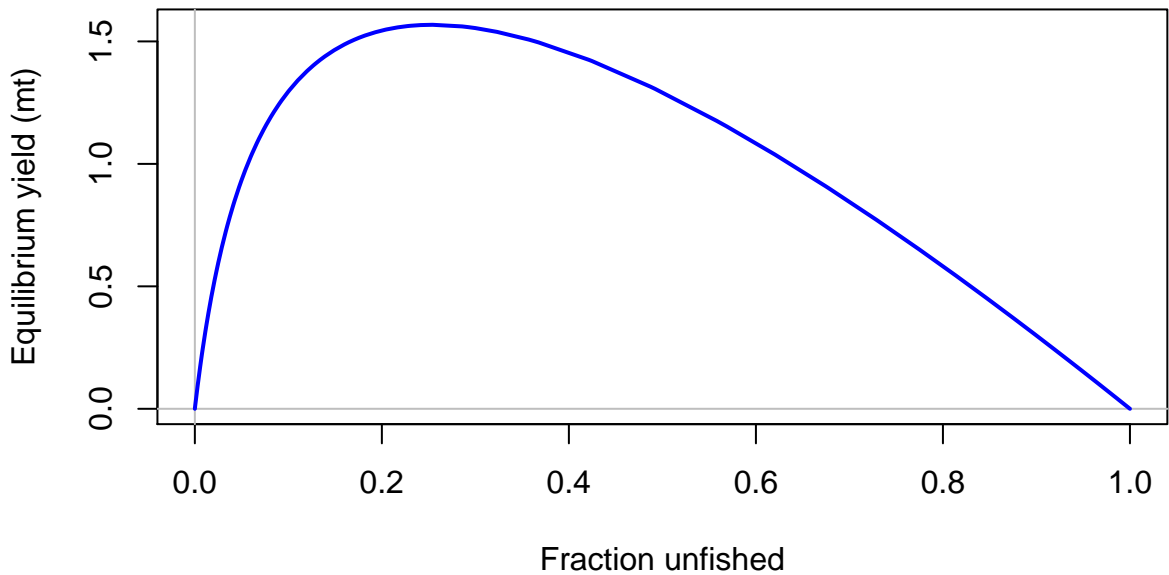


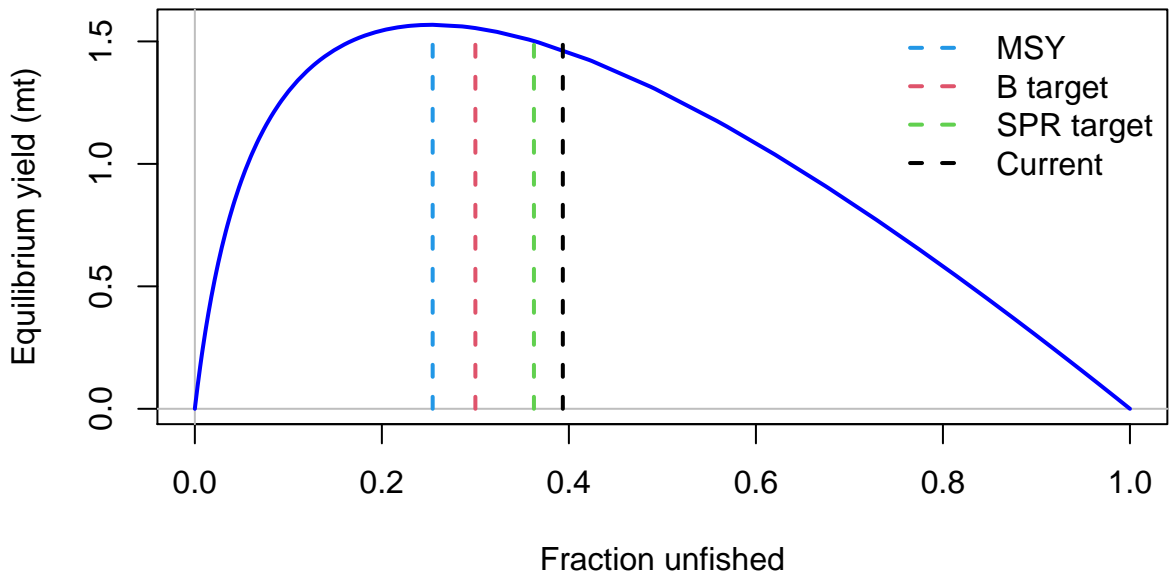


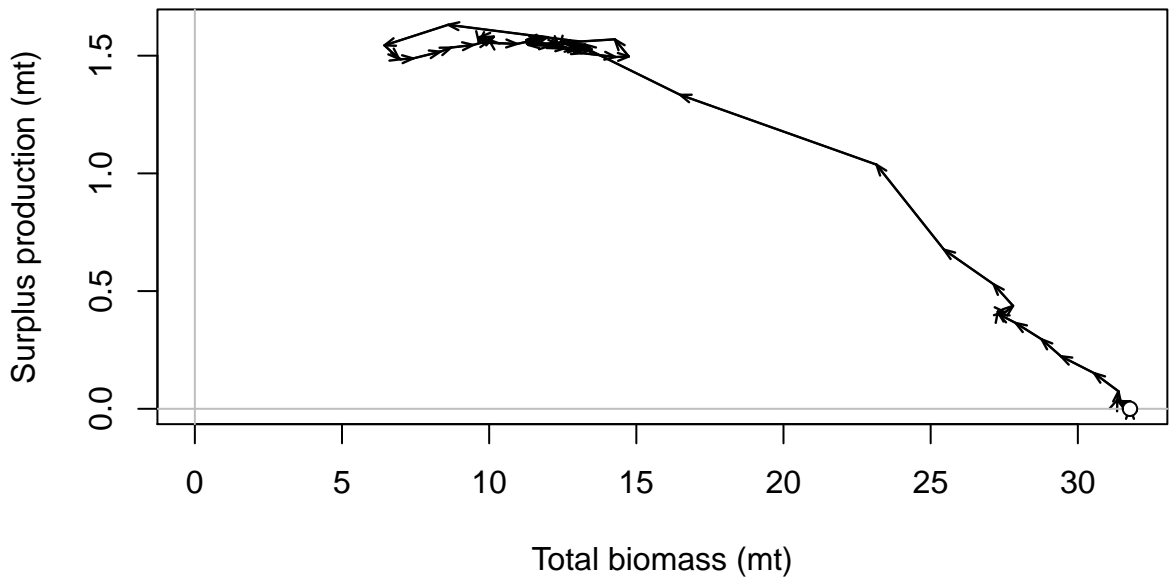


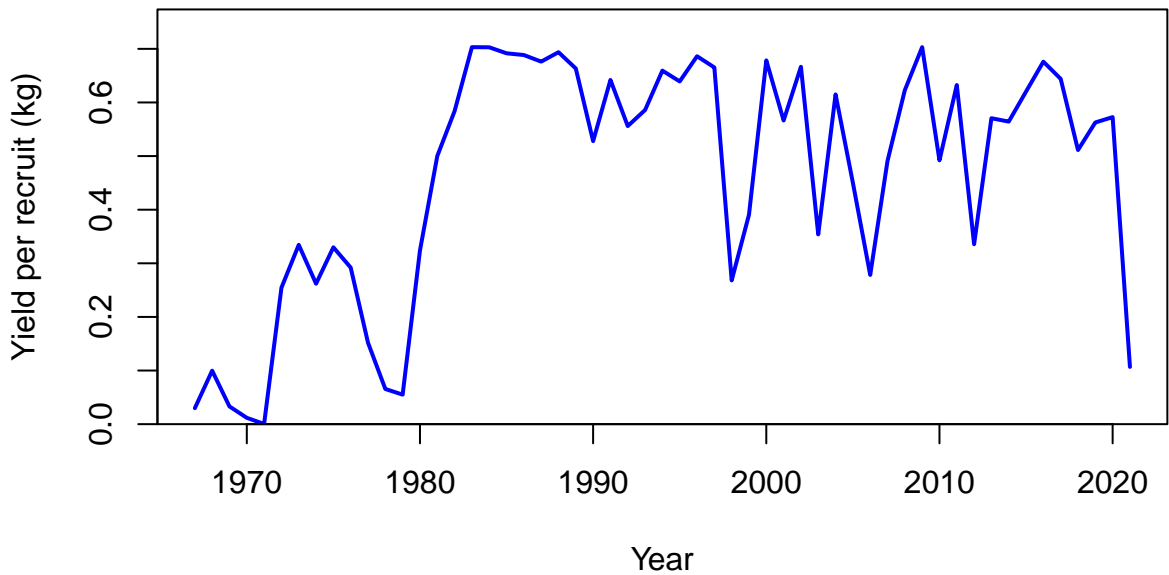
## FISHERY (whole catch)

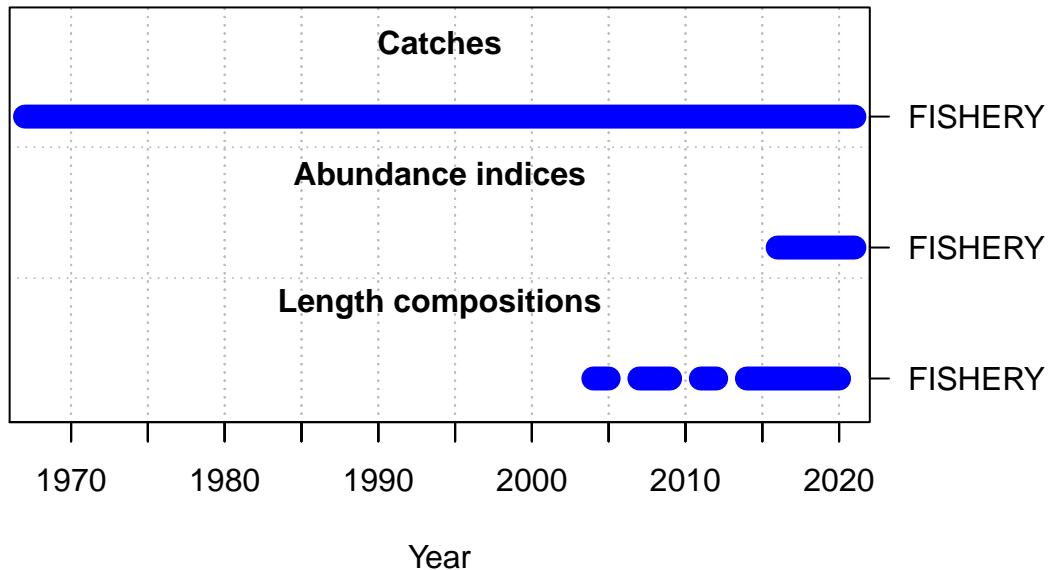






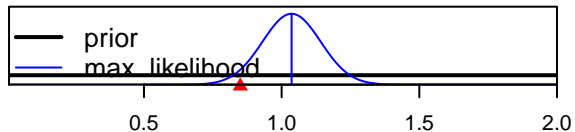




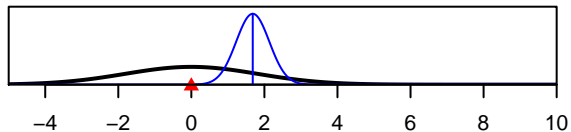




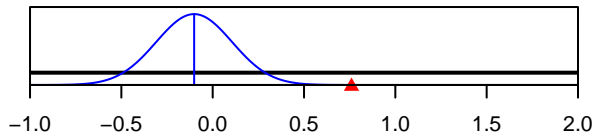
SR\_LN(R0)



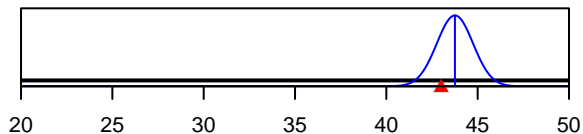
ln(DM\_theta)\_1



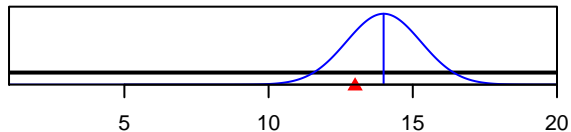
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value